

NEWSPAPER ARTICLES AND PHOTOGRAPHS

1965-1966

Library Call No. 007.102

0	Year	Title of Newspaper Article	x	Key Words
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0 - First Column is for the assigned newspaper article numbered in red

Year - Articles are all sorted by year

Title of Newspaper Article – Name of article

X – Separator between columns

Key Words – Key words in article

0	Year	Title of Newspaper Article	x Key Words
34	January 13, 1965	Gila River Flooded Before	x Memory of Historian, Buckeye, West Gila Valley, Old Settlers Union, I.H. Parkman, 1893, Drought, January 5, 1905, Salt River, Big Flood, Christmas Day, 1894, 1903, Arizona Canal, Grand Canal, Maricopa and Salt River Valley Canals, The Town Ditch, Phoenix, 10 o'clock New Years Eve, 1905, Rain, Tubs Full, Powers Butte, Colorado River, Mexico, Hassayampa
35	January 13, 1965	Gila River Flow Stopped for Needed Repairs	x Salt River, Buckeye Valley, West Gila Valley, Rainbow Valley, Gila River, Highway 80, Arlington, Gillespie Dam, Dean Road, Arlington School, Gila Bend, Painted Rock Dam, U.S. Corps of Engineers, Wellton-Mohawk, Yuma
2	April 21, 1965	How Dry We're Not' Salt River Creates Traffic Jam at Bridge	x Salt River, Central Avenue, Tempe Bridge, Washington Boulevard, 56th Street, Phoenix, Tempe, Southside, Big Bridges, Smaller Bridges, 24th, 16th and Seventh Streets, Bartlett Dam, Mesa, North Country Club Drive, Hayden and Scottsdale Roads, 48th and 40th Streets Crossings, Runoff, Melted Snow, Verde River, Horseshoe Dam, Granite Reef Dam
3	April 21, 1965	Tempe Bridge Traffic Snarl Develops as Flow Continues	x North Country Club Drive, Bartlett Dam, Hayden and Scottsdale Roads, Phoenix, Tempe, Mill Avenue Bridge, Runoff, Salt River Channel, Washington Street, ASU Campus, Mesa, 48th and 40th Streets, Unregulated Water Flow, Spring 1941, Verde River Horseshoe Dam, Granite Reef Dam
4	April 21, 1965	River Runs Again	x Salt River, Verde, Mill Avenue By-pass, Scottsdale Road, Hayden-McClintock Crossing, Mesa's Country Club Drive
5	April 21, 1965	How to Get to Tempe Without a Motorboat	x Scottsdale, Salt River, Mesa, Chandler, Tempe, South Phoenix, 40th Street, 7th Street and Central Avenue Bridges, Country Club Drive-McDowell Road Crossing, Hayden Road, Scottsdale Road, Tempe Bridge, Curry Road, Van Buren Road, Arizona State University, Salt River Project, Bartlett Dam, Verde River, Hayden's Ferry
6	April 22, 1965	48th Street is There Somewhere	x 48th Street, Salt River, Bartlett Reservoir, Verde River
7	April 22, 1965	Youngsters Frolic, Cars Crawl - Flood Tide on Salt Ties Traffic Knot	x Tempe Bridge, Salt River, 56th Street, Van Buren, Washington, Phoenix, Tempe, South Central, Seventh, 16th and 24th Streets
8	April 22, 1965	Salt River Flood	x Seventh Avenue Crossing, Country Club Drive, Mesa, Hayden and Scottsdale Roads, 40th and 48th Streets, Curry Road, Van Buren Road, Tempe, Salt River Project, Verde River, Bartlett Dam, Excessive Runoff, 1941
9	April 22, 1965	More Roads Blocked by River	x Salt River, Country Club Drive, Bartlett Reservoir, Central Avenue, Seventh, 16th, 24th Streets, Tempe Bridge, 48th Street, Phoenix, New River, Arizona Canal, Central Avenue Bridge, Bell Road, 83rd Avenue, Peoria and Olive Avenues, Mesa, Hayden and Scottsdale Roads, 40th Street, Salt River Valley Water Users Association, City of Phoenix, Verde River, Bartlett and Horseshoe Dams, Run-off, Roosevelt Dam
10	April 22, 1965	Doesn't Happen Often	x Tempe Bridge, Verde and Salt River Impoundments, Tempe, Hayden's Ferry
11	April 22, 1965	Get a Canoe	x Bartlett Reservoir, Verde, Scottsdale Road, Scottsdale, Tempe, Country Club Drive, Mesa
12	April 23, 1965	Valley Flooding to Ease - Spillway Gates Closed at Dam After 82 Hours	x Washouts, Seventh Street Bridge, Salt River, Bartlett Dam, Granite Reef Dam, Phoenix, Salt River Project, Verde River, Horseshoe Dam, Seventh Avenue Dike, Central Avenue and Tempe Bridges, 16th Street Crossing, Crossings at 19th, 35th, 51st, and 59th Avenues, Grand Canal, 22nd Avenue, 35th Avenue Crossing, 40th and 48th Streets, Scottsdale and Hayden Roads, Mesa's North Country Club Drive
13	April 23, 1965	Dams Halt Water Runoff; 5 Roads Continue Closed	x Bartlett Dam, Salt River Channel, Phoenix, Tempe, Arizona Canal, Granite Reef, Sewer Treatment Plants, Scottsdale, Mesa, County Club Drive, Hayden and Scottsdale Roads, 40th and 48th Streets, Seventh Street, 35th Avenue, Mill Avenue Bridge, Verde River, Horseshoe Dam, Roosevelt, Lake Roosevelt
14	April 23, 1965	Water Plentiful	x Mill Avenue, Tempe Bridge

0	Ye	Title of Newspaper Article	x Key Word
15	April 24, 1965	River Crossing Opened; Salt Flow Cut Off	x Mill Avenue By-pass, Scottsdale Hayden Crossings, Tempe Bridge, Scottsdale-Rural Road Crossing, Hayden-McClintock Road Crossing, North County Club Drive Mesa, Tempe Crossing, Salt, Granite Reef, November 1959
16	April 26, 1965	North Country Club Open Again	x North Country Club Drive, Salt River
1	April 00, 1965	What a Day at Hayden's Ferry!	x Phoenix, Tempe Bridge, Salt River
17	October 13, 1965	Ready in Two Weeks	x Salt River, North Country Club Drive
18	December 23, 1965	Flood Brings Heavy Traffic to Bridge	x Salt River, Tempe Bridge, Sun Devil Stadium
19	December 23, 1965	Roosevelt Runoff Hits Record - Reservoir Overflow Possible - Water Flows over Country Club Drive	x Country Club Drive, Salt River, Mesa, Culvert Project, Roosevelt Lake, U.S. Geological Survey, Salt and Verde Watersheds, Salt River Project, Roosevelt Dam, Gila River, Safford, Sacaton and Chandler Washes, Tucson, Phoenix, Agua Fria and New Rivers, Flooding, Broke a Dike, Estrella Mountain Park, U.S. 80 , Goodyear, Santa Cruz Rim, Stanfield, Verde River, March 1938, Sahuaro Lake, Mormon Flat Dam
21	December 24, 1965	Project Reservoirs at Peak of Storage	x Granite Reef Diversion Dam, Salt River, Salt River Project, Horseshoe Dam, Verde River, Bartlett Dam, Roosevelt, Mesa-Scottsdale-Tempe-Phoenix, Roosevelt Lake, Tucsons Rillito Creek, Safford, Mammoth, Kearney, Boil Well Water
22	December 24, 1965	Roosevelt Spill Possibility Dims	x Roosevelt Dam, Salt River, Salt River Project, Stewart Mountain Dam, Saguaro Lake, Mesa, Granite Reef Dam, Verde River Horseshoe Dam, Bartlett Dam, Phoenix, Central Avenue and Tempe Bridges, Mesa's County Club Drive Crossing
23	December 24, 1965	Clear Skies Lessen Flood Threat Here - But Salt Dams are Brimming	x Gila River, Salt River Project, Horseshoe Dam, Verde River, Bartlett Dam, Bartlett Lake, Roosevelt Lake, Roosevelt Dam, Horse Mesa Dam, Mormon Flat Dam, Stewart Mountain Dam, Phoenix, 48th Street, 7th Avenue, Pima County, Tucson, Flowing Wells, Well Water, Sewage, Mammoth, Kearney, Arizona, New Mexico, San Francisco River, Clifton, Sacaton, San Tan Area, Kelvin, Pinal County, Papago Indian Reservation, Chuichu, Santa Cruz River, Casa Grande
20	December 25, 1965	Salt River Runoff Sets Reservoir-Fill Record	x Floodwaters, Gila River, Eastern Arizona, Salt River Project Reservoirs, Safford and Florence, Coolidge Dam, San Carlos Lake, San Pedro River, Kelvin-Riverside Terrace, Kearney, Unprocessed Sewage, Boil Drinking Water, 1926, Chandler, Casa Grande, Highway 87, Tucson, Salt River Bed Crossing, Phoenix, Tempe, Scottsdale, Country Club Crossing, Mesa, 51st Avenue Crossing, 91st Avenue Crossing, Agua Fria and New Rivers, Grand Avenue, Glendale Avenue, U.S. 80, Granite Reef, Marana, Maricopa, Rillito Creek, Cortaro Road Bridge, Santa Cruz, Pima County, Bridge Damage, Green Reservoir, Eloy, Papago Indian Reservation, Chuichu Village, Tonto Creek, Roosevelt Lake, Roosevelt Dam, Apache Lake, Horse Mesa Dam, Mormon Flat Dam, Canyon Lake, Stewart Mountain Dam, Verde River, Horseshoe Lake, Bartlett
24	December 27, 1965	Reservoirs Levels Still on Rise	x Salt River Reservoirs, Roosevelt Dam, 1941, Granite Reef Dam, Phoenix, Central Avenue and Tempe Bridges, Roosevelt Dam, Horse Mesa Dam, Apache Lake, Mormon Flat Dam, Canyon Lake, Stewart Mountain Dam, Saguaro Lake, Horseshoe Dam, Verde River, Bartlett, Maricopa, Pinal, Pima
25	December 27, 1965	Runoff 15 Times Over the Average	x Salt River Project, Salt and Verde Runoff, 1923, 1913, Stewart Mountain Dam, Granite Reef Diversion Dam, Horseshoe Dam, Roosevelt, Apache, Canyon, Sahuaro, Verde, Bartlett, Sky Harbor, Flagstaff,
26	December 27, 1965	Country Club Flow Easing; Road Open	x Salt River, Country Club Drive, Salt River Project, Granite Reef Dam, Stewart Mountain Dam, Saguaro Lake, Bartlett Dam, Verde River, Roosevelt Dam, Central Avenue and Tempe Bridge
27	December 28, 1965	Flood Over, Lakes Filled - SRP Officials Debate Question of Weather More Water Should Be Released for Safety	x Maricopa Freeway at 40th Street, Mill Avenue, Scottsdale and Hayden Roads, Tempe Area, Salt River, Salt-Verde River System, Roosevelt, Apache, Canyon and Saguaro Lakes, Horseshoe and Bartlett, Roosevelt
28	December 28, 1965	Salt's Runoff is 15 Times Over Normal	x Salt River Project, 1941, Phoenix

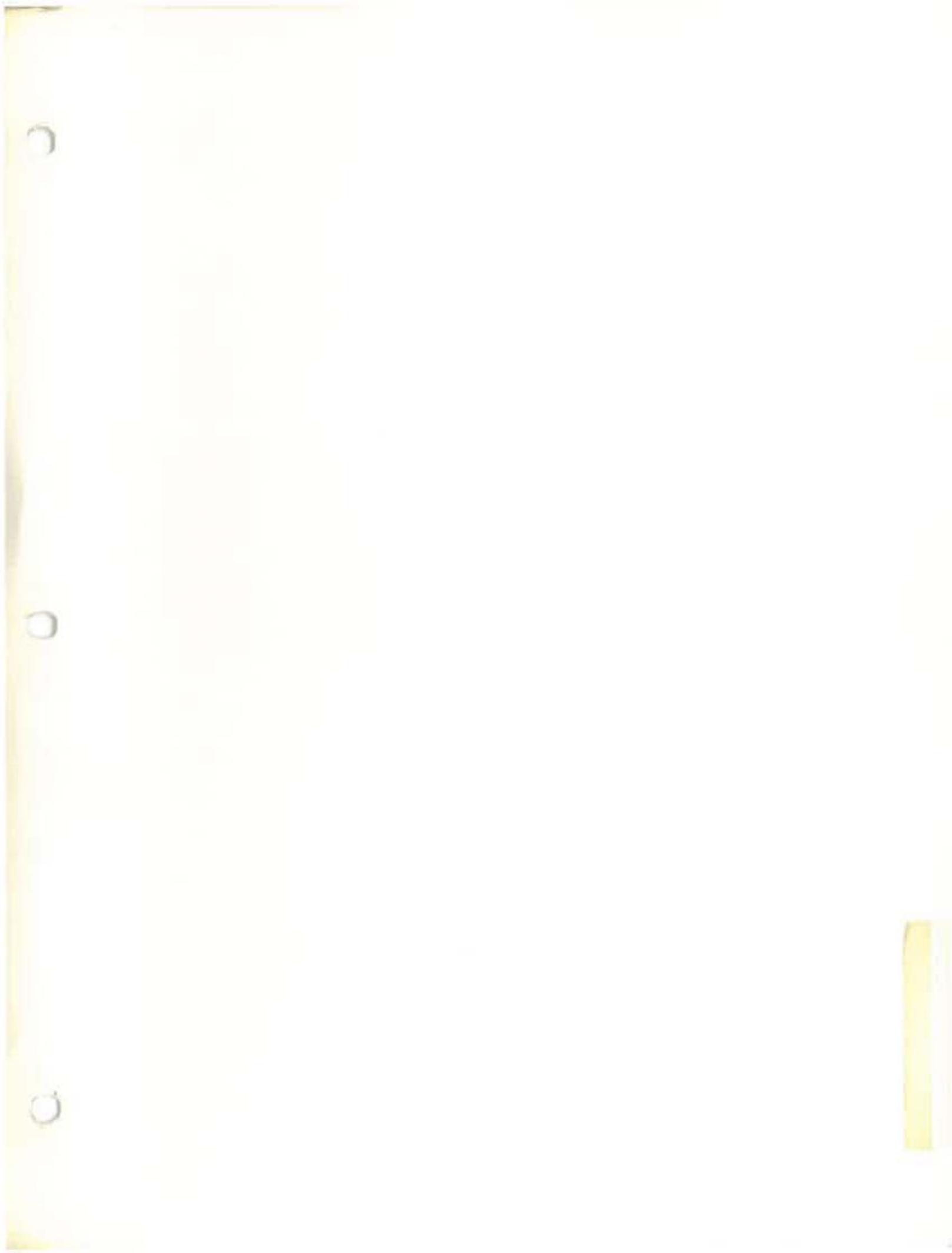
0	Ye	Title of Newspaper Article	x Key Words
29	December 28, 1965	Reef Flow Near Stop	x Salt River System, Granite Reef Diversion Dam, Mesa, Salt River Project, Roosevelt Dam, Apache, Canyon, Saguaro, Horseshoe Dam, Verde System, Bartlett Dam
30	December 28, 1965	Freeze Slows Runoff - Reservoirs in Salt River Project Close to Brimful	x U.S. Highway, Buckeye, Gila River, Phoenix-Yuma, Salt River Project Reservoirs, Salt River, Verde River, Roosevelt Lake, Coolidge Dam, San Carlos Lake, Globe, Safford, January 1, 1960, Late 1920's, 1928, 1942, Eastern Southern and Central Arizona, Graham, Pima and Pinal Counties, Governor Goddard, President Johnson, Granite Reef Diversion Dam, Cashion, San Pedro, Santa Cruz, Agua Fria, Hassayampa River, Winkleman, Gila Bend
31	December 29, 1965	No Estimate Yet of Spill at Roosevelt	x Roosevelt Dam, Salt River Project, Roosevelt Lake, Verde System, Bartlett Dam, Salt River System
32	January 6, 1966	Mighty' Gila is Loose Again - Allenville Evacuated; Highway 80 Closed	x Gila River, South Phoenix, Roosevelt Dam, Salt River, Buckeye Valley, Jackrabbit Trail, Beloat Road, Allenville, Gillespie Dam, Arlington, Evacuated, Highway 80, Palo Verde, Gillespie Bridge
33	January 6, 1966	Flood Damage From Gila River	x Allenville, Gila River, Buckeye Canal, Arlington, Gila Bend Painted Rock Dam, Citrus Valley
36	January 20, 1966	1905 Gila Flood Lasted Four Months	x Buckeye Floods 1905, January 1, 1905, Salt Cedar 1916, 1891, Gila River, Railroad Bridge at Maricopa, Washed Out, Railroad Bridge at Tempe, Phoenix, Palo Verde, Arlington Headgates, Gulf of California, Powers Butte, Salt River, Agua Fria, Hassayampa
37	January 20, 1966	Highway 80 May be Opened Soon - New Culverts, Repairs Expected to be Finished by Friday	x Highway 80, Buckeye, Gila River, Culvert, Gila Channel, Arizona Highway Department, Painted Rock Dam, Dateland Road
38	January 27, 1966	Bridge Slated; Channel Cut in Rainbow Valley	x Maricopa County, Rainbow Valley, Buckeye, Gila River, Jackrabbit Road, Dig River Channel, Salt River, Request Bridge, Gillespie Dam
39	February 5, 1966	Painted Rock Dam Inundates Nearly 3,000 Taylor and Narramore Acres	x Maricopa County, Salt and Gila Rivers, Painted Rock Dam, Gila Bend, Army Engineers, State Game and Fish Department, Dam Completed 1959, Mohawk Valley, Dome Valley, South Gila
40	February 10, 1966	Editorial... Flood Control Needed	x Maricopa County, Comprehensive Countywide Flood Control Program, U.S. Army Corps of Engineers, Soil Conservation Service, Construction of Dikes, Dams, Channels, Levees and Seepage Pits, Salt, Verde, Gila Rivers, Major Floods 1926, 1930, 1933, 1936, 1941, 1946, 1959, 1963, 1965, 91st Avenue, Gillespie Dam, Arlington, Maricopa County Flood Control District, Harquahala Valley, Centennial Wash, Buckeye Structures, White Tanks, Hassayampa, Washington, Retarding Structures, Diversion, Bender and Sand Tank Structure, Gila Bend Area, Verde
43	February 17, 1966	Highway 80 Covered Again	x Highway 80, Gila River, Buckeye, Granite Reef
44	February 17, 1966	Annual Maricopa County Road Improvement to be Topic of FB Meeting Monday Night	x Buckeye Valley Farm Bureau, Buckeye Farmers, Maricopa County Road Improvement Program
41	March 3, 1966	SRP Orders River Flow Shut-Down	x Salt River, Granite Reef Dam, SRP, Tempe, Verde System, Salt-Tonto System, Stewart Mountain Dam
42	March 3, 1966	1981 'Big' Flood Near Gila Bend	x 91 Flood, Gila Bend, 1889 or 1890, Gila River, Gila Bend, Citrus Valley, California, Arizona, Southern Pacific Railroad, February 23, 1891, Buckeye Men

FLOODING REPORTS
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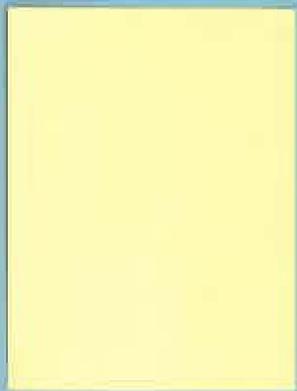
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1943 Flood Report.....	80.8-00-1-08/43
Analysis of the Failure of Indian School Bridge.....	80.0-00-0-00/00
Assessment of Flood Damages Salt-Gila Aqueduct - Reach B.....	80.4-00-9-10/89
Assessment of Flood Damages Salt-Gila Aqueduct - Reach B.....	80.4-00-9-07/84
Arizona and WC New Mexico/November 1978-March 1979 Floods.....	80.6-00-9-03/79
Compilation of Flood Data Maricopa 1965.....	70.6-00-1-06/67
Compilation of Flood Data for Maricopa 9/65-9/70.....	70.6-00-1-06/67
Compilation of Flood Data for Maricopa 9/65-9/70.....	70.6-00-1-12/72
Desert Floods/Southern Arizona Floods 9/62.....	80.5-00-1-09/62
Eastern Maricopa County Flood July 1984.....	80.9-00-9-07/84
Flood Aid and Damages.....	80.5-00-1-00/00
Flood Conditions Along Salt River.....	36.0-00-9-12/59
Flood Conditions Along Salt River.....	36.0-00-1-12/59
Flood Conditions Along Salt River.....	80.0-00-9-12/59
Flood Damage Report-December 1978 Flood.....	80.2-00-1-11/79
Flood Damage Report-December 1978.....	80.2-00-9-11/79
Flood Damage Report February 1979.....	80.2-00-9-02/79
Flood Damage Report SC Arizona & SW New Mexico.....	80.2-00-8-01/80
Flood Damage Report Glendale/Maryvale.....	80.2-00-9-06/64
Flood Damage Survey February 1980.....	80.2-00-9-02/80
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Floods of December 1965 - January 1966 Salt-Gila.....	80.0-00-9-12/65
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Harquahala Valley Flood 9/24-26/76.....	04.3-00-1-11/76
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Phoenix Flood Damage Survey February 1980.....	80.2-00-9-02/80
Phoenix Flood Damage Survey February 1980.....	80.2-00-9-04/81
Report of Flooding Near 32nd Street and the Arizona Canal.....	80.9-00-1-08/86
Report of Flooding Near 32nd Street and the ACDC.....	80.9-00-9-08/86
Report on Flood of June 22, 1972.....	80.2-00-9-06/72
Report on the Arizona Floods December 16-20, 1978.....	80.7-00-9-05/79
Report of Flood Conditions at Phoenix Summer 1951.....	80.5-00-9-00/51
Storms, Floods, and Debris Flows/Arizona and Southern California.....	80.0-00-0-00/00
Storms in the Phoenix Metro Area.....	80.5-00-1-00/00



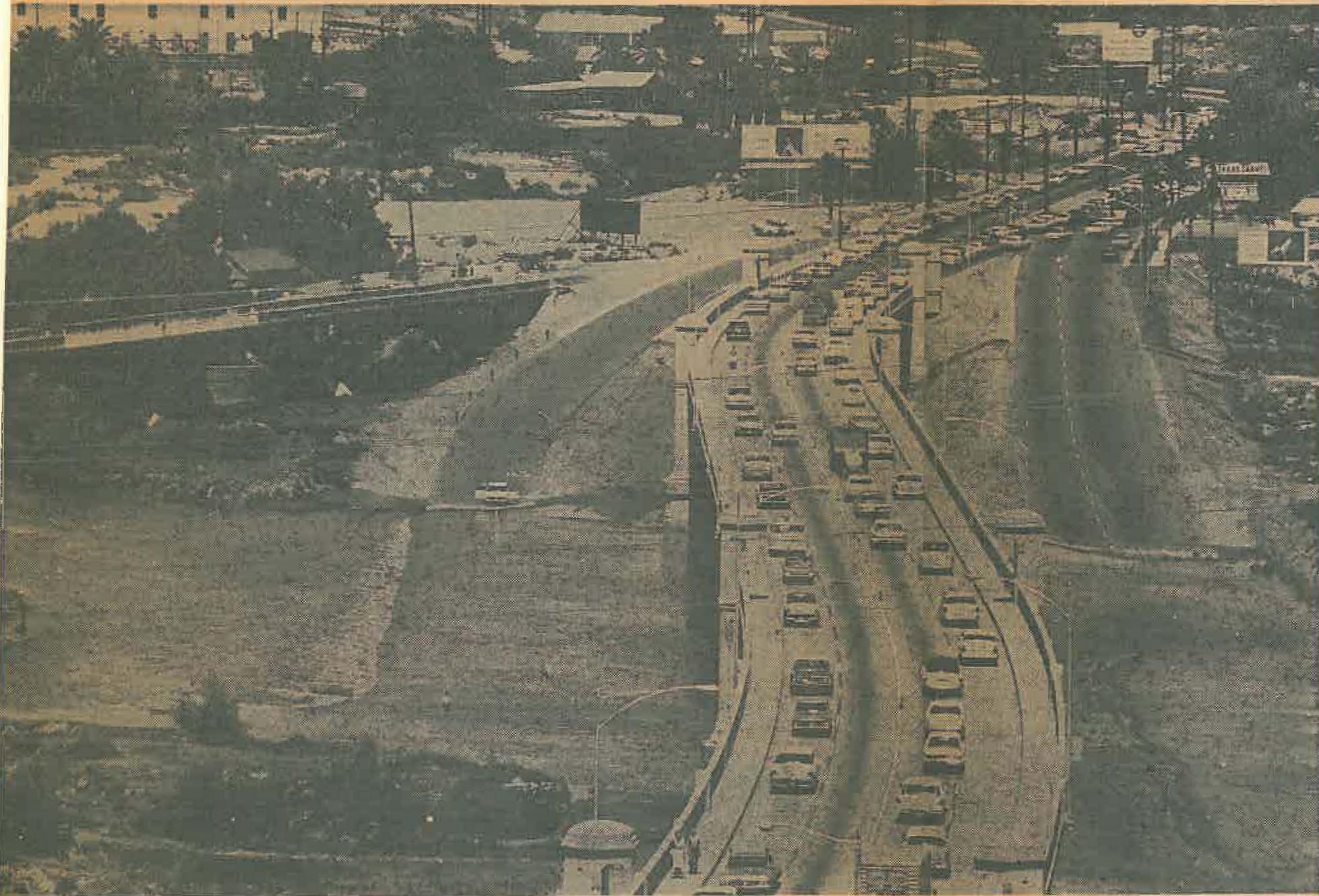
SALT RIVER

1965?



April, 1965

What a Day at Hayden's Ferry!



SLOW MOVING—Getting out of Phoenix yesterday via the Tempe bridge was quite a chore because of the traffic the span was forced to carry.

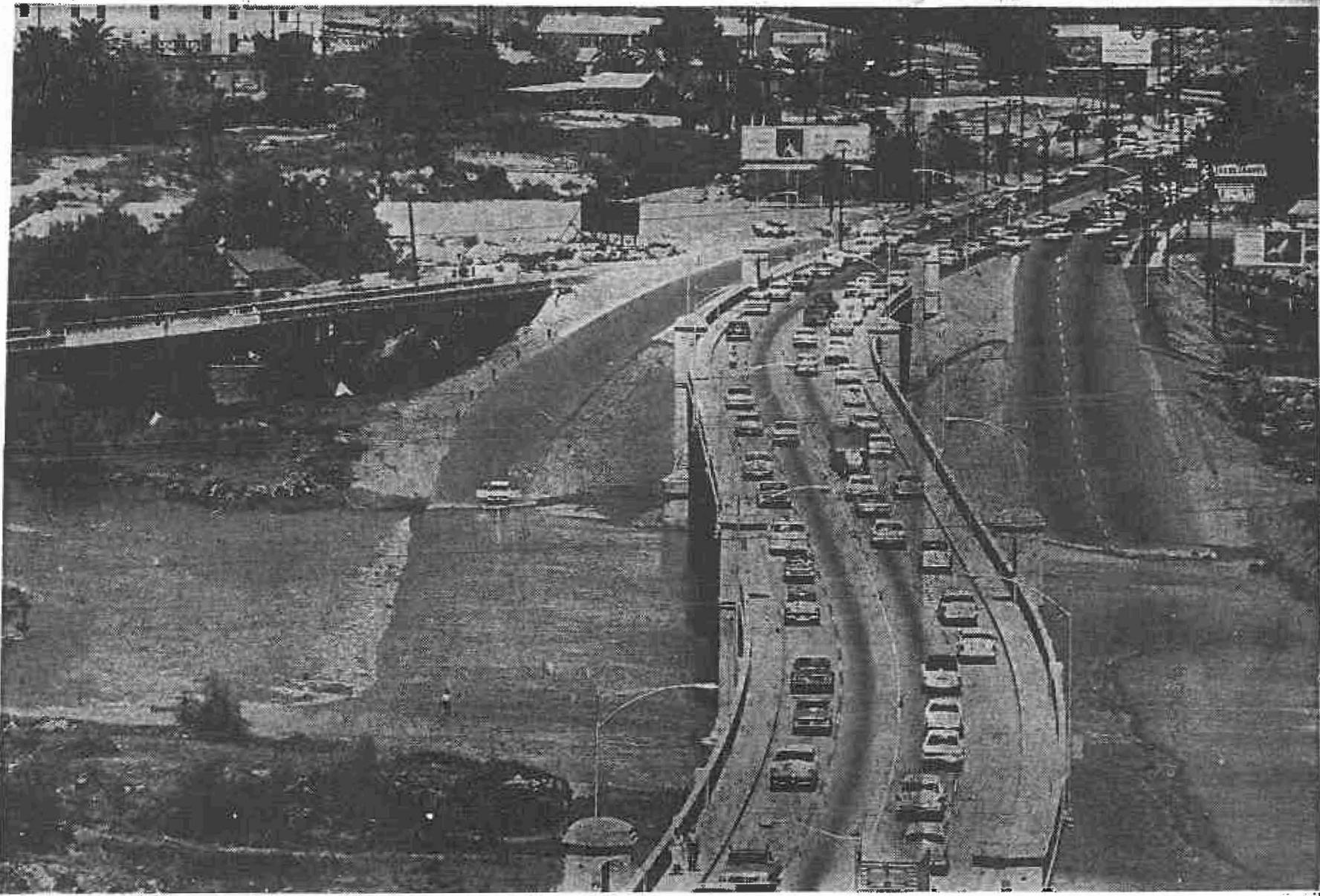
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Overflow water coming down the normally dry Salt River bed decommissioned river bed crossings, including the one below the bridge normally

reserved for Tempe-to-Phoenix traffic. Result: congestion and two-way traffic that held up some motorists an hour or more.

Republic Photo by Ludwig Keaton

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Republic Photo by Ludwig Keaton

April 20, 1965

Salt River

At waste gate below
Granite Reef



At Granite Reef South
side into canal.



At Gilbert Road.



Salt River

April 20, 1965

Indian Bend behind JD's at
Salt River Water had been
2' deep.



Union ROGK Pit
East of Country Club Dr.
Pit raised 1' every 4
minutes.

713

9

4



April 20, 1965
Union Rock Pit East of
Country Club Dr.

712



S

Salt River

April 20, 1965

At Stapley Drive.



At Tempe Bridge

April 21, 1965



East from 56th Street



April 22, 1965

Salt River

West from 40th Street



NE at 40th Street



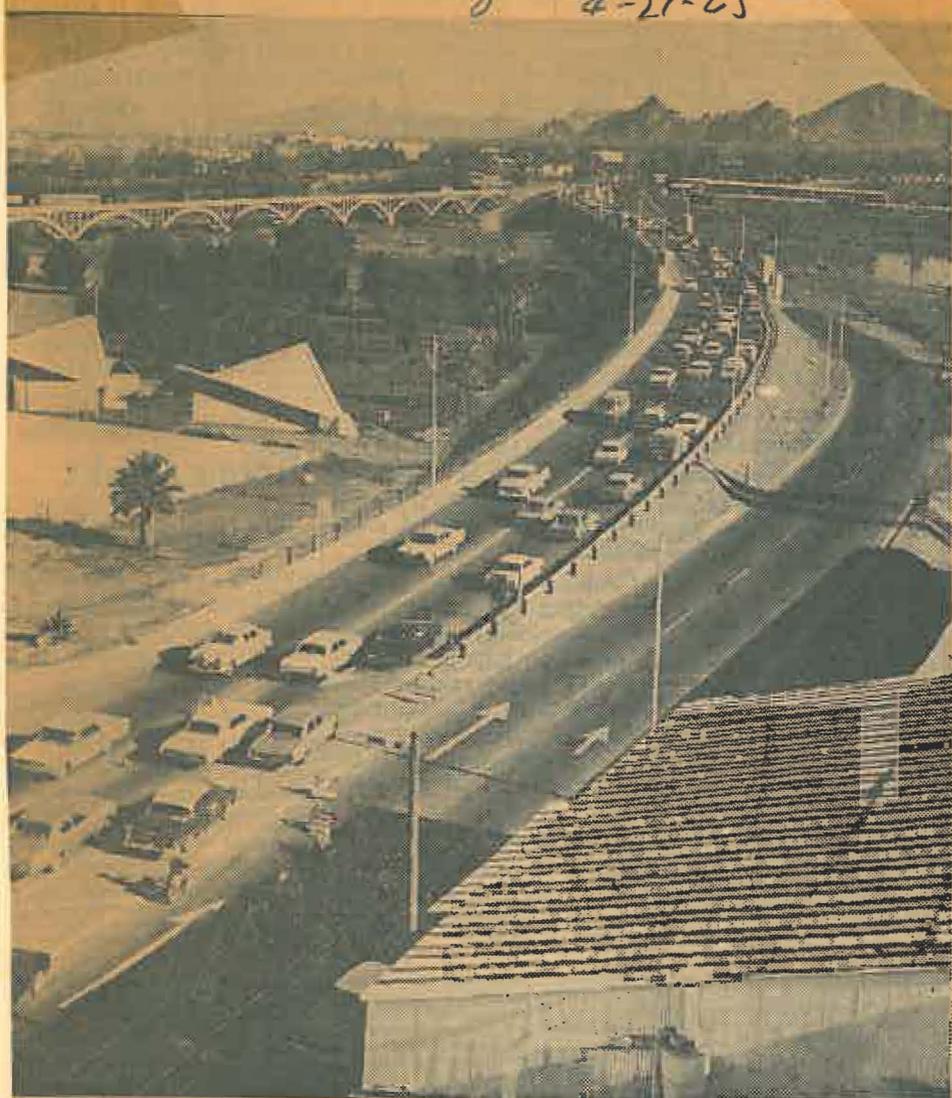
Downstream from
Freeway Bridge



4-21-63

#2

17



Gazette Staff Photo

Traffic jams Tempe Bridge today as overflow water from Bartlett Reservoir flooded crossings on the usually-dry Salt River. Average traffic flow across the bridge and the now-blocked lower road is 28,203 vehicles daily—and estimates are that more than 100,000 vehicles will use the bridge today.

'HOW DRY WE'RE NOT'

Salt River Flood Creates Traffic Jam At Bridge

Ground-level crossings in the Salt River east of Central Avenue were being progressively closed today as flood waters advanced downstream.

Traffic jams followed the closing of important crossings east of Tempe bridge and the situation worsened as the water headed toward Central Avenue.

Police reported at midmorning that eastbound traffic on Washington Boulevard was backed up from the bridge to 56th Street. They advised motorists traveling between Phoenix and Tempe and the Southside to take other routes.

OFFICERS said the situation could be especially severe during the "rush hour" from 5 to 6 p.m. Then the big bridges at Tempe and Central Avenue and the smaller bridges at 24th, 16th and Seventh streets will be loaded with vehicles.

The water, released as over-storage at Bartlett Dam, had closed Mesa's North Country Club Drive, Hayden and Scottsdale roads and the one-way northbound roadway at Tempe bridge by 9 a.m. today.

Police said at 11 a.m. that barricades had been placed at the 48th and 40th streets crossings.

MEANWHILE, the runoff from melted snow continued. The Verde River above Horseshoe Dam was discharging 4,570 cubic feet of water a second this

morning after a 24-hour peak discharge of 6,860 cubic feet at 8 p.m. yesterday.

At 10 a.m., water was being released from Bartlett Dam at the rate of 4,000 cubic feet per second. If that amount remained unchanged during a 24-hour period, it would total 8,000 acre feet, a project official said. At 5 a.m. yesterday, the release

rate at Bartlett was 9,000 cubic feet per second.

About 5,000 cubic feet per second was pouring over the Granite Reef Dam at 8 a.m. This is the water flooding down the Salt River and forcing the closing of the road crossings.

THE WEATHERMAN said to Turn to ●ROADS on Page 3

#3



WATER, WATER EVERYWHERE — Little Leslie Zaremba, son of Rev. and Mrs. Theodore Zaremba, 642 N. Delmar, only had two words to say about the deluge of muddy water which is currently sweeping over N. Country Club Dr.: "It's cold!" The water, released originally from Bartlett Dam due to overflow from recent rains, has forced closure of Country Club, Hayden and Scottsdale Rds., as well as Phoenix crossings. The river is expected to flow for several days. (Tribfoto)

Tempe Bridge Traffic Snarl Develops As Flow Continues

Mesa Tribune 4-21-65

TEMPE (UPI)—It was only a "nominal amount" of water that passed under the Mill Avenue Bridge today, but it snarled rush-hour traffic for a mile each way.

Commuters, including thousands of Arizona State University students returning to class after Easter vacation, were funneled onto the bridge as spring runoff blocked unbridged routes across the Salt River Channel.

Cars headed south for Tempe were backed up past the Washington Street curve at 9 a.m. Meanwhile, northbound traffic trying to cross the bridge was halted as far south as the Grady Gammage Auditorium on the ASU campus.

Tempe police said all patrolmen were directing traffic. Officers noted a few "fender-bender" accidents made the situation worse, while police were unable to clear them.

Closed were river crossings on Country Club Drive in Mesa, Scottsdale and Hayden Roads at Tempe, and 48th and 40th Streets in Phoenix.

Tempe authorities were reluctant to say how long the jam might last. One city spokesman noted the Mill Avenue Bridge handled about 30,000 cars a day.

Employees in the city who live on the north side of the river were reported turning up

for work 45 to 50 minutes late this morning.

Meanwhile, the runoff was expected to continue over the unbridged crossings for a few days.

The U.S. Weather Bureau said "nominal amounts" of snowmelt water were still being poured into the Salt River channel. Weathermen said it was the first "unregulated" water to flow through the channel since the spring of 1941 — 24 years ago.

The Weather Bureau said it was informed by the Salt River Project that the Verde River above Horseshoe Dam was discharging about 4,570 cubic feet of water per second after peaking at 6,860 cubic feet a second Tuesday night.

About 5,000 cubic feet per second was being dumped into the Salt River at Granite Reef Dam this morning.

Water in the channel was coursing slowly downriver and was expected to be passing the Phoenix area today and tonight.

The Weather Bureau said the dumping of unregulated water would last two or three more days and pointed out that the inconvenience was minor when compared to the benefits expected from the heavy snowmelt this year.

Salt River Project spokesmen said high temperatures made it "impossible to forecast the runoff from melting snow. The dam gates are releasing the same amount as is coming in.

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#4

19
Tempe
Daily
News

April 21,
1965

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21



RIVER RUNS AGAIN — Usually dry Salt river, running with free flow water, from the Verde, snarled traffic in the east end of the Valley Wednesday, eliminating river crossing roads as the water progressed westward. Top shows Mill avenue by-pass flooded; center is Scottsdale road; while lower is Hayden-McClintock crossing. Mesa's Country Club drive flooded yesterday and downstream in Phoenix the crossings went out one-by-one. Flow could continue two or three days.
Katy Worth photos

#5



11 4-21-65 Scottsdale Progress

How to Get to Tempe Without a Motorboat

"You can't get there from here," goes the old saw.

And in many cases you can't get to other areas of the Valley from Scottsdale without going a good distance out of your way because of flooding conditions

on north-south routes that cross the Salt River.

If you want to go to Mesa, Chandler, Tempe or to the south or east, you have the choice of swimming, rowing or driving over the congested four-lane bridge at Tempe.

As of noon today you could still get to South Phoenix and points beyond via most north-south streets west of 40th St., but creeping river water was expected to close most of them tonight or tomorrow.

If that happens, the 7th St. and Central Ave bridges in Phoenix will be the only available routes.

The headache started for motorists around noon yesterday when waters closed the Country Club Dr.-McDowell Rd. crossing between Scottsdale and Tempe. (See story, page 5).

Hayden Rd., between Scottsdale and Tempe, was closed last night and the Scottsdale Rd.

crossing to Tempe became impassable early this morning.

Since then all north-south traffic has been compressed into four slow-moving streams across the Tempe bridge. Nearly all intersections in Tempe were being controlled by traffic patrolmen instead of signals.

Both lanes of traffic on Curry Rd., between Van Buren and Scottsdale Rd. were bumper-to-bumper this morning as workers, shoppers and Arizona State University students fought their way to their destinations.

Meanwhile, Salt River Project officials say that the release of surplus water from Bartlett Dam on the Verde River, the source of flooding south of here, may continue until Friday.

Apparently the father of the senior senator from Arizona was right when he decided that the present site of Tempe was a good place to found "Hayden's Ferry."

April 21, 1965

Salt River East from
56th Street.

12



April 21, 1965

Salt River

West from Scottsdale Rd.

15

729

21



728

22

At 56th St. Tile are
for 5-city outfall
sewer.



725

24

Looking north at
48th Street.



Salt River

April 21, 1965

East from 24th Street

732

27



West from 24th Street

TH

733

28



April 22, 1965

West from 16th Street

740

29



April 21, 1965

Salt River

East from Hayden Rd.

7476

30



15

Scottsdale Rd. Looking N.
Est. 4-5000 cfs.

7316

31



715

32

East from Country Club Dr.



#10

Phx Gazette 4-22-65



Gazette Staff Photo

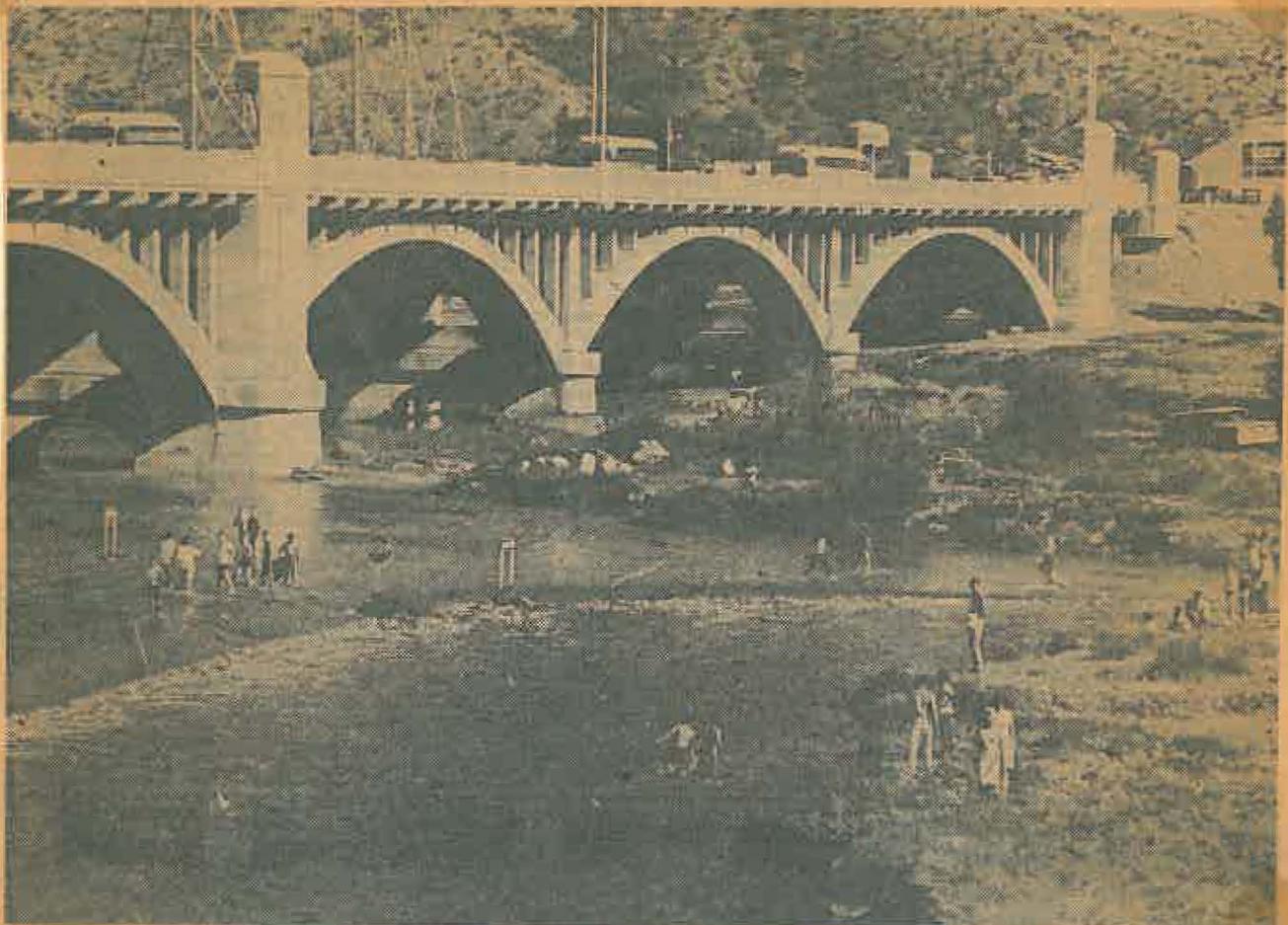
48TH STREET IS THERE SOMEWHERE 16

That's 48th Street—somewhere below the water flowing down the Salt River today. Rufus Musgrove (left) and Win Hjalmarson of the Water Resources Division, U.S. Geological Survey, went wading to measure the water flow and depth. The water was 2½ feet deep, spread out across 80 feet and was flowing 9½ feet per second. Water, which closed this and other crossings, is overflow from Bartlett Reservoir on the Verde River.

Ariz. Rep. 9-22-63

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Youngsters Frolic, Cars Crawl



Republic Photo by Howard Armstrong

TRAFFIC AND TUBES—Students and youngsters pay little heed to jammed traffic on Tempe Bridge

17

as they splash in muddy Salt River. Kids used tubes, tubs and surfboards to ride the river.

Flood Tide On Salt Ties Traffic Knot

By HOWARD ARMSTRONG

MOTORISTS and radiators boiled, kids frolicked, and the Salt River just kept rolling along yesterday.

The muddy torrent created the Valley's worst traffic bottleneck at the Tempe bridge, where vehicles were backed up for more than a mile on either side of the span during morning and evening rush hours.

By 5 p.m., eastbound traffic was piled up from the bridge to 56th Street on both Van Buren and Washington. Phoenix and Tempe police urged drivers to use crossings today at South Central, Seventh, 16th and 24th streets to ease the load at Tempe.

Robert D. Conklin, city
(Continued on Page 22, Col. 3)

More About

Salt River Flood

(Continued from Page 1)

traffic engineering supervisor, said the Seventh Avenue crossing probably would be closed today. Crossings at Country Club Drive north of Mesa, Hayden and Scottsdale roads, 40th and 48th streets will remain closed.

Tempe police Lt. Bill Patterson said the State Highway Department is rephasing signals at Curry Road and Van Buren and at some Tempe intersections to speed the traffic flow.

"Other than that, there's not much we can do," said Patterson.

OPERATORS OF sand and gravel pits in the river bottom pinned their hopes on dikes built to keep the river out of quarries.

Salt River Project officials said runoff from the Verde River watershed, which is causing the river to flow, is expected to decrease soon. Because the Verde runoff peaks quickly when high-country snows melt, SRP thinks Bartlett Dam gates may be closed by this weekend. However, the Salt would continue to carry floodwaters for about 10 more days, SRP said.

The gates at Bartlett were opened Monday. The last time they were opened due to excessive runoff was in 1941.

MEANWHILE, youngsters at Tempe took advantage of the

muddy water. While traffic crawled across the bridge, kids used inner tubes, tubs and surfboards to ride the river. One group launched a motorboat at Hayden Road and showed up minutes later at Scottsdale Road.

TRAFFIC OFFICERS and deputies were busy as the funneling of traffic into bridge crossings caused a rash of minor accidents.

Deputy J. D. McAfee received an emergency call that a car was floating away at the Hayden Road crossing. When he arrived, red lights flashing, he was told that the car was an amphibian and had already crossed.

Miffed, he said: "I even ruined the shine on my boots in the mud."

"I'm expecting the Coast Guard to be called in any minute to rescue some of these kids," Patterson said.

HENRY SHIPLEY, SRP assistant manager, said many Valley newcomers have called demanding to know why the water was not released from the dams earlier. He explained that the project is required by law to permit the dams to fill if water is available before making flood releases.

#8

#19

Phoenix Gazette 4-20-65



Gazette Staff Photo

Flood waters in the normally-dry Salt River cut this 50-foot channel through asphalt roadway at Country Club Drive crossing today. Road has been closed since overflow

from Bartlett Reservoir started to flow down the Salt River bed, and highway department officials said repairs cannot be started until several days after water recedes.

More Roads Blocked By River

Flood waters divided the valley and created new traffic problems today.

East of the Central Avenue bridge, the Salt River could be crossed only on culverts at Seventh, 16th and 24th streets and the Tempe bridge. All riverbed crossings were closed by the rushing waters.

THE FLOW AT 48th Street was measured at 1,500 cubic feet per second — equal to about one-half the ground water normally pumped in the Valley.

The water, 200 feet wide and 2½ feet deep on the roadway was moving at the rate of about 9½ feet per second.

Northwest of Phoenix, crossings in New River were closed by water released at the end of the Arizona Canal to prevent flooding.

Water in the Salt River has reached the Central Avenue bridge, but it will "take a whale of a lot of water" for the flow to continue west of Seventh Avenue, the city engineer's office said.

THE SEVENTH Avenue crossing is constructed to serve as both a roadway and as a dike, it was explained. The water would spread out into a small lake before topping the crossing.

The Tempe bridge was carrying about four times its average amount of traffic.

A policeman assigned to duty in the wait-and-go traffic, said: "This looks like a half dozen football game nights rolled into one."

The sheriff's office said crossings have been barricaded on Bell Road west of 83rd Avenue and at New River on Peoria and Olive Avenues at New River.

THE WATER took its time getting to Phoenix (the gates were opened Monday at 2 p.m.) and the water will continue in a

Turn to **RIVER** on Page 9

RIVER

Concluded From Page One

flood stage for several days after the last drop is released at Bartlett.

Roadway repairs will require at least one or two days. Work will be required at closed Country Club Drive north of Mesa, Hayden and Scottsdale roads, the ground-level road at Tempe bridge and at 48th and 40th streets, a few of the locations affected.

Water is now free to shareholders in the Salt River Valley Water Users Association and "we're filling every order," a spokesman said.

"The City of Phoenix is also getting some of this free water," Henry Shipley, project assistant manager, said.

PROJECT officials said runoff into the Verde River is receding and it may be possible to close the gates at Bartlett and Horseshoe Dams — sources of the flood water — between tomorrow and Monday.

The run-off on the Verde is down to 3,680 cubic feet per second from a figure of 4,570 feet 24 hours earlier, Shipley said.

The Salt River, above Roosevelt Dam with nighttime temperatures in the highlands now around 10 degrees above freezing, and daytime temperatures melting the deep snow cover, is running at the rate of about 5,000 acre feet a day and is expected to increase.

With no water being withdrawn from the four Salt River reservoirs, they have gained 155,000 acre feet since April 1, while the Verde side has brought the total gain to near 300,000.

#9

4-22-65 Phx. Gazette



Flood waters in the normally-dry Salt River cut this 50-foot channel through asphalt roadway at Country Club Drive crossing today. Road has been closed since overflow

18 from Bartlett Reservoir started to flow down the Salt River bed, and highway department officials said repairs cannot be started until several days after water recedes.

Gazette Staff Photo

Arizona Republic
April 22, 1965

#10



Photo by Lands Aerial Surveys

DOESN'T HAPPEN OFTEN—This is a sight men and birds in the Valley seldom see, water coursing under Tempe bridge. Before the days of the

Verde and Salt River impoundments, men and vehicles crossing Salt River at Tempe did so on Hayden's ferry.

Arizona Republic

#11

37

April 22, 1968



GET A CANOE—One of the crossings made impassable by the release of excess water in Bartlett Reservoir on the Verde is Scottsdale Road be-

20

tween Scottsdale and Tempe. First closure occurred on Country Club Drive, north of Mesa and several miles east of the Scottsdale Road crossing.

Republic Photo

4/21/65

Looking SW at 56th St.
Salt River Water had just
broken out at this point,
moving toward the west.

21



Tempe Bridge



April 22, 1965

Salt River

Gravel Pit filling at
7th Avenue



22

East from 7th Avenue



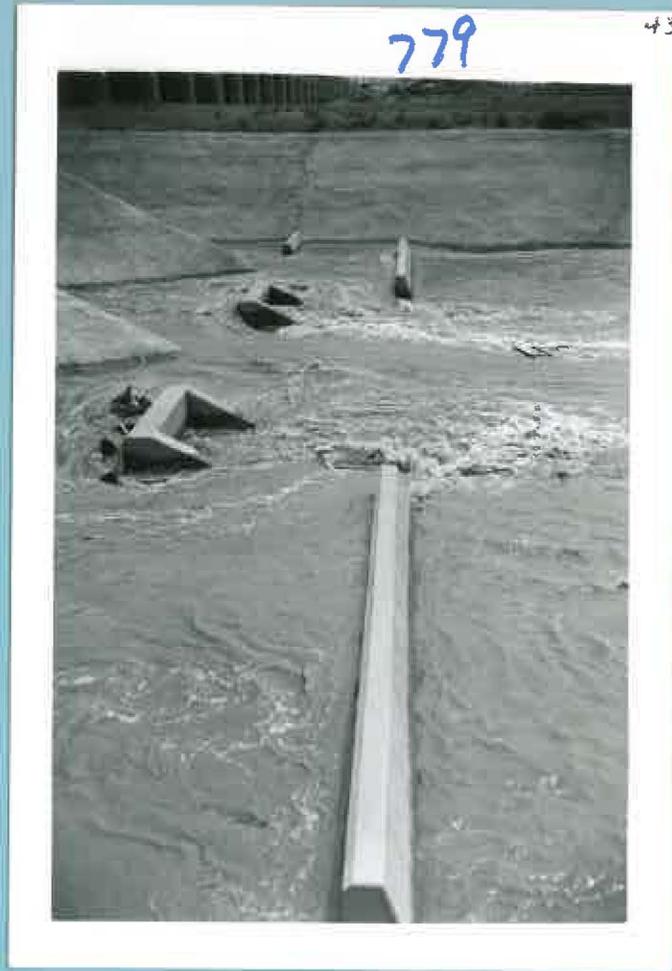
Downstream from Tempe
Railroad Bridge.



April 22, 1965

Salt River

At Central Ave. Structure



West from Central Ave.
Structure.



April 22, 1965

Salt River

East of Scottsdale Rd. at
Scottsdale Sewer Ponds



East from 7th Street

24



West from 7th Street



April 22, 1965

Salt River

Upstream from Freeway
Bridge



24th Street culvert

29



East from Central Ave.
structure



April 22, 1965

Salt River

At Tempe Bridge

725

51



At Tempe Railroad Bridge.

76

726

52



North
~~South~~ from Scottsdale Rd.

53



April 22, 1965

Salt River

East of Hayden Road at
Scottsdale Sewer Ponds



27

East from 16th Street



At Tempe Bridge.



April 22, 1965

Salt River

SE corner of 7th Street
culvert.



28

East end of culvert at
7th Street



NE corner of 7th Street
culvert.



#12

60



Heavy grader was used today to push rock and dirt fill into washouts behind abutments of Seventh Street bridge. Fill was cut away by swift running water. View is from the south bank of the Salt River.

VALLEY FLOODING TO EASE

4-23-65
Phoenix Gazette

Spillway Gates Closed At Dam After 82 Hours

Flooding of the Salt River reached the beginning of the end today when the spillway gates were closed at Bartlett Dam.

The overflow at Granite Reef Dam was down to only 250 cubic feet per second a few hours later and was expected to stop this afternoon.

WHILE THE water will continue flooding the river bed as it passes through Phoenix during the weekend, the level soon will decrease rapidly due to evaporation and seepage, officials of the Salt River Project.

Closing of the gates at Bartlett, on the Verde River, took

place 82 hours after they were opened for the first time in 24 years to reduce overstorage in the Bartlett and Horseshoe Dam reservoirs. From Bartlett the flood waters flow south to pour into the Salt River, just above Granite Reef diversion dam.

Water was approaching the top of the Seventh Avenue dike-roadway late this morning and was expected to go over this afternoon.

THERE IS A drop of about 200 feet in elevation in the 22 miles between Granite Reef Dam and the river crossings in Phoenix.

Total storage in the Salt River

Project was up to 1,429,000 acre feet this morning, an increase of 93,636 in the past week. Most of this increase has been from runoff into the four storage dams on the Salt River.

Storage is now within 644,616 acre feet of total capacity. That is slightly more than the capacity of both the Horseshoe and Bartlett reservoirs, the newest of the project's six storage facilities.

"We're guessing that the water will cross Seventh Avenue today," James Stokley, superintendent of the city streets and sanitation department, said.

THE HEAVY flow has inundated the earthen approaches to the large box culverts carrying water under the 24th Street and Seventh Street crossings.

The erosion has caused traffic to be confined to single lanes each way at the two crossings.

Closing of one or both of the crossings would add to the traffic already jamming the Central Avenue and Tempe bridges and the 16th Street crossing.

Five major crossings are already closed.

SHOULD THE water force the closing of Seventh Avenue, most of the traffic would be diverted to the Central Avenue bridge and to crossings at 19th, 35th, 51st and 59th avenues.

Water dumped into the river from the Grand Canal through a storm sewer at 22nd Avenue was flooding the 35th Avenue crossing, but many vehicles were still using it.

Closed crossings are 40th and 48th streets in Phoenix, Scottsdale and Hayden Roads in Tempe, and Mesa's North Country Club Drive.

Fair weather is expected to prevail in Arizona through next Wednesday, with temperatures slightly above average for late April.

The Weather Bureau's forecast called for the mercury to range between 50 and 86 tomorrow in Phoenix.

Rampaging River Keeps On Rising

By The Associated Press

The surging Mississippi River, on a record spring rampage, reached a predicted crest of 25.2 feet today at flooded Prairie du Chien, Wis., and continued to rise.

City officials ordered immediate evacuation of more families from the devastated community of more than 5,000 population. So far about 1,000 persons have fled their homes there.

THE FLOOD, pouring down the Mississippi from Minnesota for nearly a month, already has caused millions of dollars worth of damage to communities along a 400-mile stretch.

Sections of Dubuque, Iowa, some 40 miles downstream from Prairie du Chien, and East Dubuque, Ill., across the river, were under water as the flood-

ing stream climbed to crests at those points.

At Prairie du Chien, where peculiar conditions have prevented effective diking, officials said heavy rain began falling before dawn and it appeared the river might climb several inches above predicted crest.

The river stopped its steady rise at Quincy, Ill., giving workers some leeway to prepare defenses against a predicted April 30 crest that could run eight feet above flood stage.

THE RIVER was running eight feet over its 17-foot flood stage in Dubuque as 1,000 volunteers sandbagged levees. Reinforcements streamed in from as far as New Hampton, 115 miles northwest, to relieve weary workers who have hauled almost 300,000 sandbags.

Officials say the river will crest Saturday night at 26.5 feet in Dubuque, a city of 57,000 at

#13

9-23-63

Mesa Tribune

Dams Halt Water Runoff; 5 Roads Continue Closed

PHOENIX (UPI)—The Bartlett Dam gates were closed at midnight Thursday, but the runoff swirling through the Salt River channel in the Phoenix area was not expected to stop for at least another day.

Five traffic arteries across the river between Phoenix and Tempe remained closed today, and three Phoenix crossings farther west were threatened.

Roads closed Thursday by overflow from the Arizona Canal northwest of here were open today, but sheriff's deputies said a few inches of water was crossing some of them.

The U.S. Weather Bureau said flow this morning into the Salt River at Granite Reef was down to 250 cubic feet per second and was expected to

stop later today. The Weather Bureau said it would take about one day for free flow to cease on the Salt River through metropolitan Phoenix.

However, weathermen said large amounts of water trapped in gravel pits in the Salt River bed would constitute danger to children swimming or playing in the area.

Dr. William J. Moore, state health commissioner, said sewage from treatment plants near Scottsdale and Mesa was being poured into the river. He said the sewage could endanger the health of swimmers in the river.

Roads still closed were Country Club Drive in Mesa, Scottsdale and Hayden Roads at Tempe and 48th and 40th Streets in Phoenix.

Traffic on Seventh Street was restricted to two lanes because of undercuts along the bridge. Police said two to three inches of water was running over 35th

Avenue, but the route was open.

Water had not crossed Seventh Avenue by mid-morning, but because of the roadway's dam-like construction, officials feared water backed up east might rise sufficiently to rush over the paving.

Tempe police, harrassed by giant traffic jams at the Mill Avenue Bridge earlier this week, said today that traffic was "moving pretty well" — all of it over the bridge.

The Weather Bureau said the Verde River above Horseshoe Dam was flowing at 2,820 cubic feet per second today. This was less than half the peak flow at the time Bartlett Dam was opened.

Runoff on the Salt River above Roosevelt has been substantial, the Weather Bureau said, "with 5,870 cubic feet per second pouring into Lake Roosevelt where storage space is ample."

#14

4-23-66

TEMPE DAILY NEWS

Police — 1



WATER PLENTIFUL — The Mill avenue by-pass of Tempe Bridge for north-bound traffic still had plenty of water Friday morning but cars were moving smoothly across the bridge. Water is about 500 feet wide here. State health officials have warned lookers, swimmers and boaters to stay clear, especially in the Valley area, due to contamination as well as the danger to the careless.

Katy Worth photo

April 23, 1965

SALT RIVER

West Side 7th Ave.



31

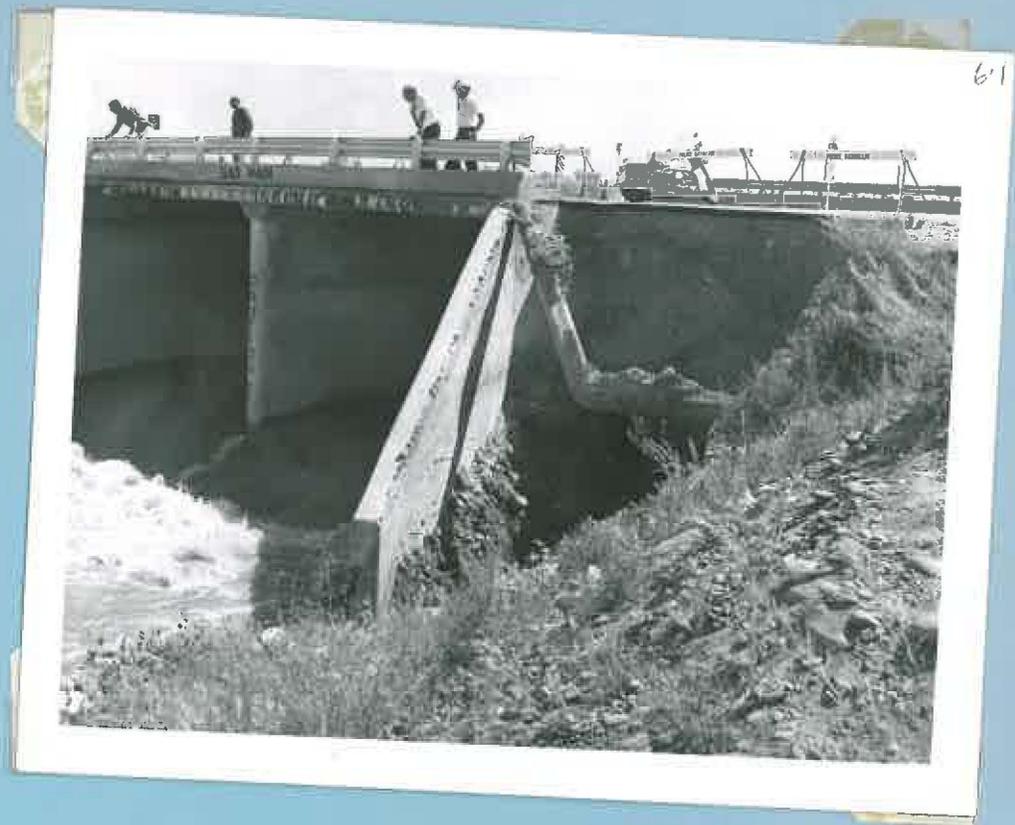
Looking at Central
Ave. Bridge from
7th Ave.



April 23, 1965

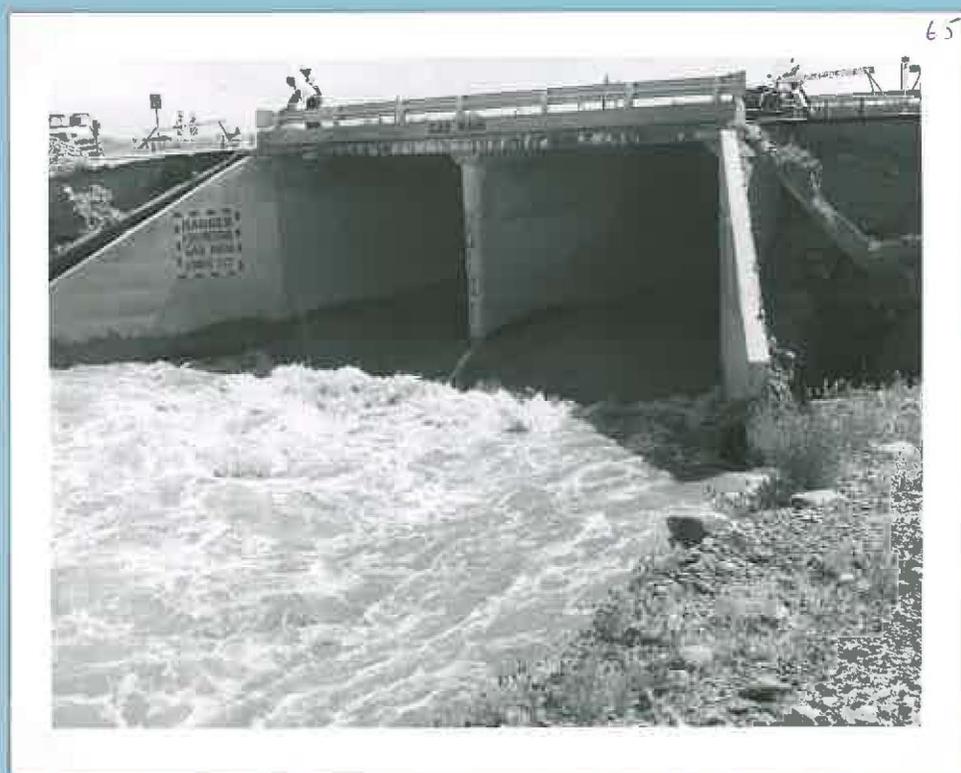
SALT RIVER

7th St. Bridge



Looking East 7th
St. Bridge.

32



April 23, 1965

SALT RIVER

Looking Under Tempe
Bridge.



33

Salt River & 7th Ave.



April 23, 1965

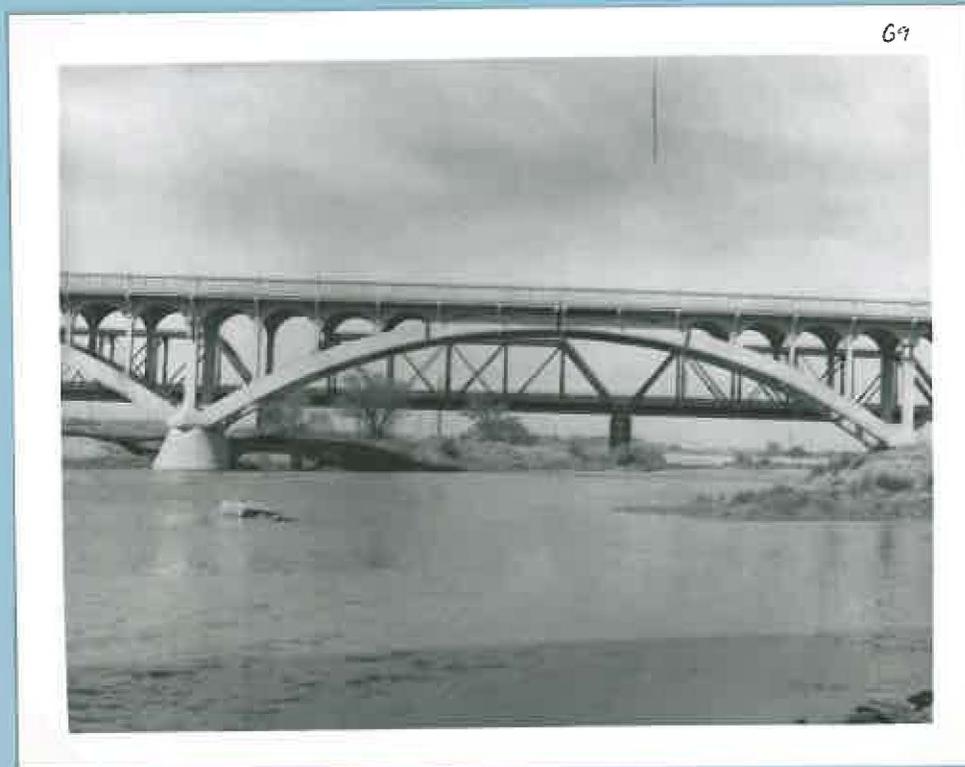
SALT RIVER

Railroad Bridge Tempe



Tempe Bridges

34



April 23, 1965

SALT RIVER'

Looking East from
7th Avenue.

35



April 23, 1965

SALT RIVER

East side of 7th Ave.



36

salt River from
7th Ave. looking at
Central Ave. Bridge.



April 23, 1965

At 7th Avenue

37



East from 7th Avenue



April 23, 1965

SALT RIVER

Looking west from
Tempe Railroad
Bridge.



Tempe Bridge
and Salt River



#15

Tempe Daily

River Crossing Opened; Salt Flow Cut Off

**Mill Avenue By-pass Restores 2-Way Traffic;
Scottsdale, Hayden Crossings Need Repair**

Flood-caused traffic congestion at Tempe Bridge was relieved somewhat about 10:30 a.m., Saturday, when the Mill avenue by-pass was opened to north-bound traffic despite a small amount of Salt River water which flowed across it. Cars moved slowly and cautiously at first and neared normal speeds as the situation improved.

To the east, the Scottsdale-Rural road crossing had not been declared open at 2 p.m. but Tempe police reported some traffic "sneaking through." Minor repairs and removal of rubble were necessary to make the crossing possible.

Eastward another mile at the Hayden-McClintock road crossing, about 200 feet of roadbed was washed out. Here Cyr and Evans, local roadbuilding contractors, voluntarily went to work to restore a passable crossing. This was expected to be completed by late afternoon.

Saturday morning Sam Lanford, county engineer, checked the crossing as well as at North Country Club drive, Mesa. He indicated the two Tempe crossings would be repaired to passable condition for the present.

There were indications that many believe the Salt will run

again, within a week or two, since the Verde River-flow, above the flood control dams, is still considerably above normal.

Salt River Project officials began cutting off the flow of water at Bartlett dam as well
(Continued on Page 6)

River

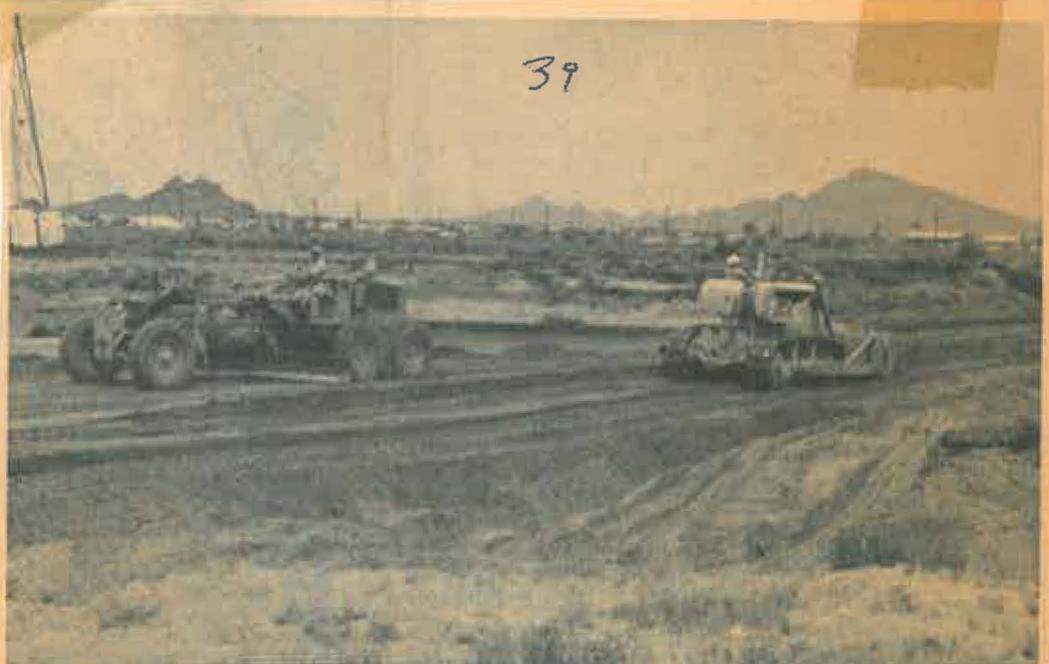
(Continued from Page 1)
as Granite Reef on Friday. This assured a halt to the flow, for the week-end at least.

Saturday Lou Cooper, city manager, said he did not think the city's utility lines across the river along Scottsdale-Rural road were damaged. In November, 1959, flooding river water washed away much of the cover for a major water line and left it suspended in air.

Tempe police were keeping informational media informed as to the progress on crossing repair.

During the flood period, which started Wednesday, downtown Tempe traffic has been estimated at two to three times the normal 30,000 vehicles daily.

TEMPE, ARIZONA, SATURDAY, APRIL 24, 1965

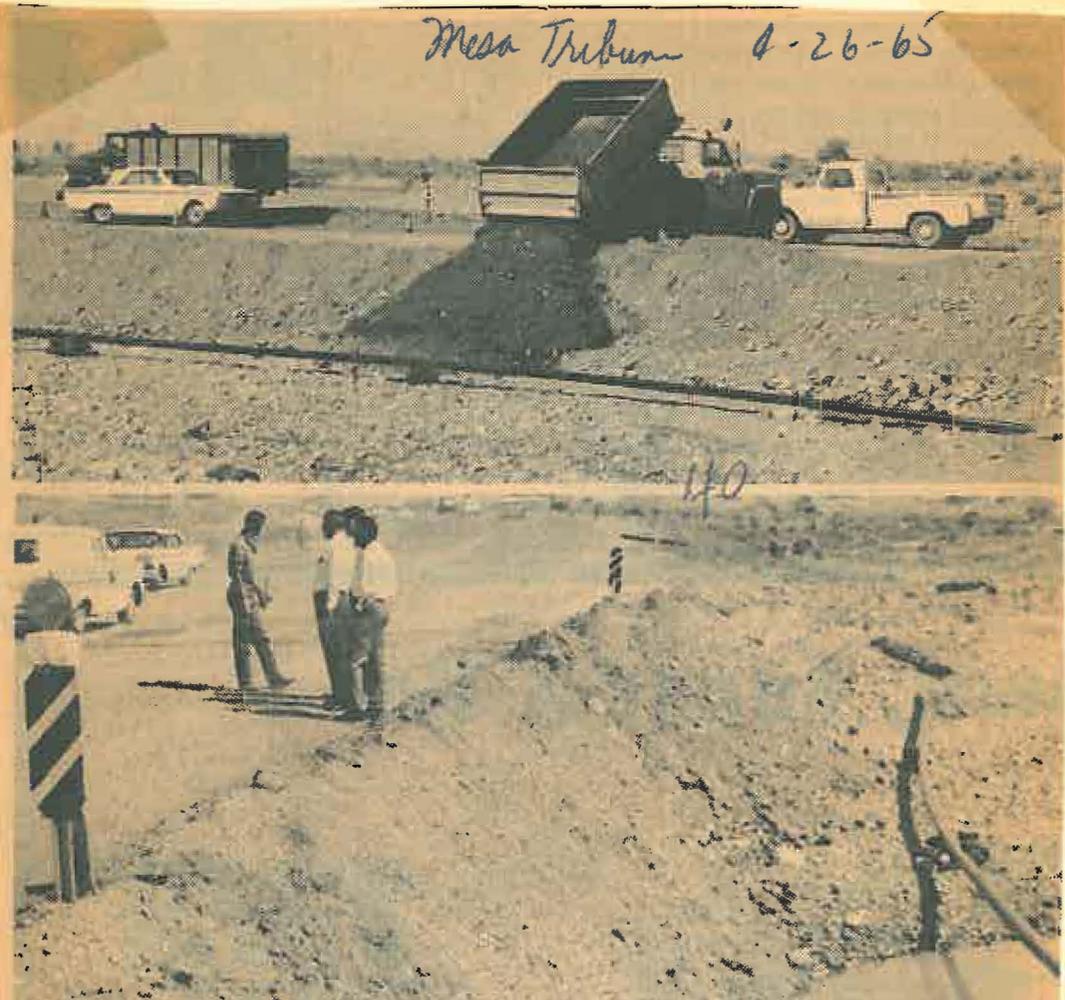


REPAIR UNDERWAY — Restoring a temporary roadway at the Hayden-McClintock road crossing of Salt River was the order of the day Saturday as equipment from the nearby Cyr and Evans plant, on a voluntary basis, went to work filling in the 200-foot washout. A passable roadway will go in with county to follow up later. Scottsdale road will need repair but the Mill avenue by-pass was opened about 10:30 a.m. and apparently withstood the river flow.

Katy Worth photo

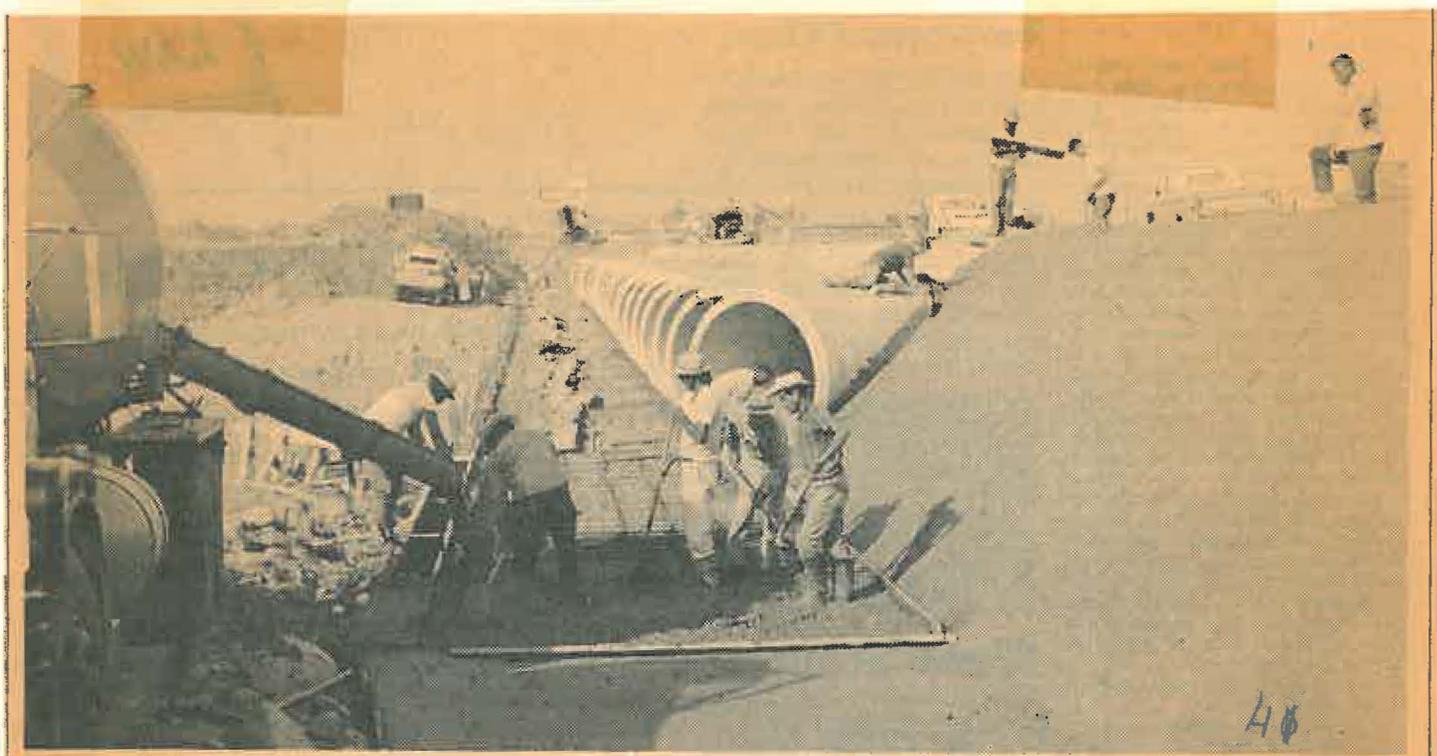
#116

Mesa Tribune 4-26-65



NORTH COUNTRY CLUB OPEN AGAIN — Arizona highway department workers opened N. Country Club Dr. to traffic at 3 a.m. this morning after moving more than 1,000 cubic yards of dirt to fill the breach caused by Salt River flow. Crews began work at 10 a.m. Sunday to put the crossing back into use. Upper photo shows crew at work this morning dumping more dirt at the site; below, new grade is shown. At right is gas pipeline uncovered by the water's action. (Tribfotos)

1317



40

READY IN TWO WEEKS — Workmen are expected to have this "floodproofed" crossing of the Salt River, on N. Country Club, completed in two weeks. Above, concrete retaining wall is being formed on west side of the culvert crossing. The 23

concrete pipes, each 6 ft. in diameter, extend 102 ft. underneath the crossing. Released dam and flood waters previously washed out the crossing, which now is expected to permit such flood waters to flow beneath the highway. (Tribfoto)

Mesa Tribune 10/12/55

#108

12-23-65

○ The Phoenix Gazette



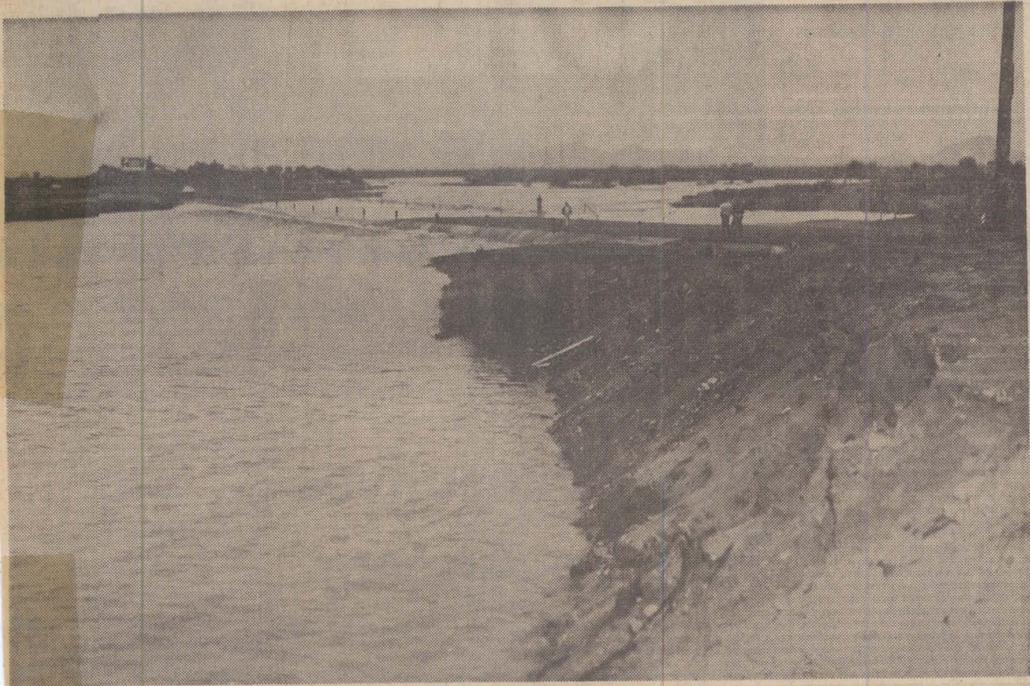
Gazette Staff Photo

42 FLOOD BRINGS HEAVY TRAFFIC TO BRIDGE

Flood waters pouring down Salt River forced two-way traffic on normally one-way Tempe bridge today. Roadway disappearing into floodwaters is normally used by traffic go-

ing to Sun Devil Stadium and turns underneath bridge. Note sign offering good advice: Stop ahead. Traffic was almost bumper-to-bumper on

Roosevelt Runoff Hits Record



Gazette Staff Photo by Russ Spavin

Reservoir Overflow Possible

Runoff into Roosevelt Lake from the Salt River today reached the highest peak since records were started in 1913—enough to pour an estimated 100,000 acre-feet of water into the lake in 24 hours.

The U.S. Geological Survey, which measures water flow in the Salt and Verde watersheds, said that if the runoff on the Salt River continues at near its record pace, it would fill all four Salt River Project reservoirs to overflowing within three to four days.

ADDITIONAL showers are forecast in the Valley through today, but the Weather Bureau said skies should start clearing tonight, becoming mostly sunny tomorrow.

Rod J. McMullin, Salt River Project general manager, said water may go over Roosevelt Dam spillways in the next two days for the first time since 1941.

If this happens, he said, it may be necessary to open the spillway gates on the entire four-dam Salt River system.

Flooding was reported along the Gila River at Safford and Sacaton, south of Chandler. Washes and low-lying areas in Tucson also flooded, as did crossings along the Salt River east and south of Phoenix and the Agua Fria and New rivers northwest of Phoenix. Flooding also was reported in westside areas.

Swirling water in the Gila River broke a dike and overflowed the entrance of Estrella Mountain Park off U.S. 80 near Goodyear. No homes were in the flood path.

"IT WAS about 15 feet deep and we closed the roads in the area," a County Highway Department spokesman said.

On the Salt River at Roosevelt Lake, the runoff peak was reported at 150,000 cubic feet per second, compared to previous high of 117,000 cubic feet in 1941. (At a rate of 150,000 cubic feet per second, if maintained for 24 hours, runoff would measure 300,000 acre-feet. However, the Geological Survey said the peak would not last for the 24-hour period.)

A dike also broke on the Santa Cruz rim, threatening farm homes south of Stanfield.

On the Verde River, the runoff peak also is approaching the 100,000 cubic feet per second record set in March 1938.

McMULLIN SAID that if current runoff trends continue there is every likelihood that spillway gates at Sahuaro Lake, which is taking some of the excess from Mormon Flat Dam upstream, will have to be opened before 8 p.m. today. At 8 a. m. today, there was 64,000

Turn to ●PEAK on Page 4

WATER FLOWS OVER COUNTRY CLUB DRIVE

Water flows over Country Club Drive at Salt River in Mesa despite \$130,000 culvert project just completed. Highway

department officials at scene said the tiling and 72-inch-diameter culverts may prevent serious damage, however.

GENERAL INDEX:

Country Club Drive
Construction of new water line in
extension of Metropolitan Water
Agency's main line from N. 10th
St. to N. 15th St. in Mesa
will be completed by Dec. 31.
The project is being financed by
Mesa's general fund and a bond
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Salt River Runoff Sets Reservoir-Fill Record

20
12-25-65
Phy. Gazette

Floodwaters in the Gila River of Eastern Arizona receded today while melted snow continued to raise storage to a record high in Salt River Project reservoirs.

Flooding in the Gila River and its tributaries continued but sheriffs' offices at Safford and Florence said the water level has dropped considerably since yesterday.

THE GILA RIVER floodwaters above Coolidge Dam are being contained in San Carlos Lake where storage is expected to reach 200,000 acre-feet tomorrow.

On Dec. 1, the lake, with a capacity of 1,285,000 acre-feet

was down to 9,268. On Wednesday, storage had climbed to 74,660.

BELOW THE DAM, the runoff into the Gila from the San Pedro River and numerous washes and creeks has been considerable.

Especially hard hit is the Kelvin-Riverside Terrace area—about 50 miles below the dam to the west. Here six families have been left homeless and 45 other families are virtually isolated.

NEARBY, AT KEARNEY, unprocessed sewage has washed into the river and brought a health threat to communities

downstream. Residents were warned to boil their drinking water.

Oldtimers said the Gila reached heights not seen since 1926. That was before Coolidge Dam was constructed.

HIGHWAY 93 from 14 miles south of Chandler to Casa Grande was closed because of high water in the Gila River. While it was necessary to set up a detour at one location, Highway 87 is handling traffic between Chandler and Tucson.

Salt River bed crossings in the Phoenix-Tempe-Scottsdale area were still closed, but the

Turn to ● WATER on Page 2

● WATER RECORD

Concluded From Page One

Country Club crossing north of Mesa was open.

THE SHERIFF'S office reported the Salt River's 51st Avenue crossing was closed, but the 91st Avenue crossing was still open.

On the Agua Fria and New Rivers, Grand Avenue, Glendale Avenue and U.S. 80 were being used.

STORAGE IN Salt River Project reservoirs reached 1,633,264 acre feet this morning, an increase of 35,373 during a 24-hour period. Capacity is 2,072,050.

Officials said the runoff has decreased considerably, but as much as 12,000 acre feet may be discharged over the diversion dam at Granite Reef before tomorrow.

The Associated Press reported the flood situation in the Tucson-Casa Grande Valley areas as follows today:

AN ESTIMATED 5,000 acres of farmland still under water between Marana and Maricopa.

Loss of \$1.25 million estimated in washout of sewer trunk line along Rillito Creek at Tucson.

Cortaro Road bridge over Santa Cruz River closed because of washed out approaches. It is the third Pima County bridge damaged by flooding. Cost of repairs was estimated at \$70,000.

ABOUT 1,000 pounds of food was airlifted to stranded fami-

lies in the Green Reservoir area south of Eloy.

Papago Indian Reservation officials hoped ground parties would be able to reach the flood-isolated Chuichu village today. It is south of Casa Grande.

Tonto Creek, a major source of water for Roosevelt Lake, passed flood stage at 3:15 a.m. today.

LOW TEMPERATURES during the night decreased the snow-melting rate along the creek's mountain drainage areas and in other parts of the vast Salt River watershed. Project officials said it now may be another week before it will be necessary to open the spillway at Roosevelt Dam. Tonto Creek and Salt River are the principal streams pouring into the lake.

Roosevelt Lake was within 178,228 acre-feet of its capacity (1,381,580 acre-feet) today. Apache Lake behind Horse Mesa Dam lacked only 1,612. Capacity is 245,138. Mormon Flat Dam's Canyon Lake was within 525 acre-feet of its 57,852 capacity. Stewart Mountain Dam's Canyon Lake, where water is being released at the rate of 600 acre-feet an hour, was short only 7,167 acre-feet of its 69,765 capacity.

ON THE Verde River, Horse-shoe Lake lacked only 1,155 acre-feet of being at capacity (139,238), and Bartlett was within 39,085 (capacity is 178,77 acre-feet).

A year ago the six reservoirs held less than 500,000 acre-feet.

N Country Club Dr.

12/23/65

44

1.6



44

N. Country Club Dr

12/23/65

1.5



N Country Club Dr.

12/23/65

1.7 84



N. Country Club Dr

12/23/65

45

1.8 85



N Country Club Dr.

12/23/65

46

2-3⁸⁶



12/23/65

4⁸⁷



N. Country Club Dr.

N Country Club Dr.

12/23/65

47

2.2



N. COUNTRY CLUB DR.

12/23/65

2.1



Hayden Rd + Salt River

12/23/65

48

2-5 90

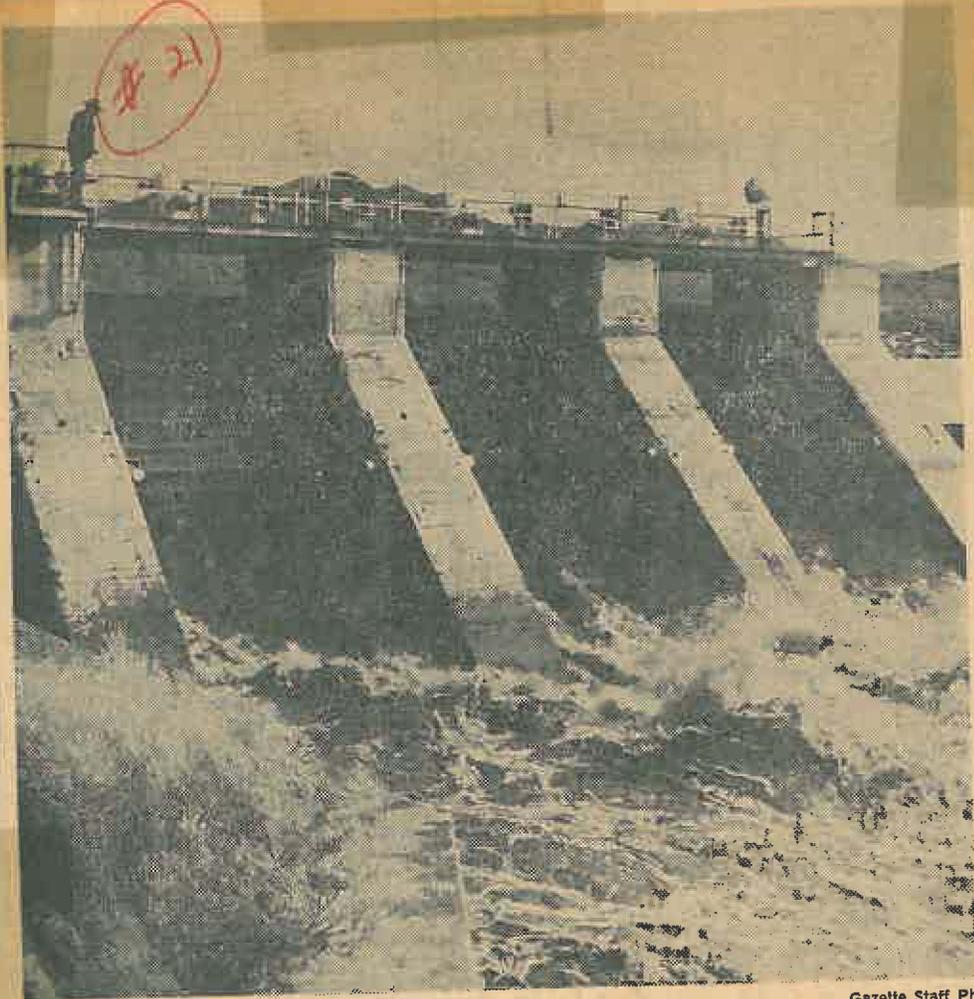


HAYDEN & SALT RIVER

12/23/65

2-6 91





Gazette Staff Photo

Water pours through gates at Granite Reef diversion dam on the Salt River under watchful eyes of gate keeper E. E. Richmond. Salt River Project will release 26,000 acre-feet (almost 8.5 billion gallons) through the dam by tomorrow afternoon.

*12-24-65
Phoenix*

Project Reservoirs *Gazette* At Peak Of Storage

Reservoirs of the Salt River Project were filled to near capacity today, a real Christmas present for many, but too much water darkened the holiday spirit for others.

Clear skies, and bright sunshine following early morning low temperatures are in store for much of Arizona on Christmas Day. In the higher elevations, cloudiness will build up for an expected snowstorm Sunday.

THE WATER picture in Arizona today:

- Spillways at Horseshoe Dam on the Verde River were about to be opened to release water into the Verde River reservoir behind Bartlett Dam, still short 50,000 acre-feet of capacity.

- Spillways at Stewart Mountain Dam are releasing about 26,000 acre-feet of water into the Salt River.

(With reservoirs downstream from Roosevelt Dam

virtually full, water must be released into the Salt River to make way for any overflow from Roosevelt once that reservoir is full.)

- The overflow at Granite Reef will continue for at least two days, flooding the Salt River in the Mesa-Scottsdale-Tempe-Phoenix area until early next week.

- Roosevelt Lake was within 211,181 acre-feet of its 1,381,880 acre-feet capacity and spillway gates may be opened tomorrow to keep the runoff under control.

- Damage estimated at \$1

million was reported along Tucson's Rillito Creek which may be declared a disaster area.

- Gila River flood waters in the Safford area were receding today but it was expected to be two or three days before conditions could begin to return to normal. No estimate was available yet of damage.

- State health officials warned of possible contamination of well water due to sewage mixing with flood water in the Safford, Mammoth, Kearny and Tucson areas. Users were warned to boil any well water used.

Turn to **STATE** on Page 8

Roosevelt Spill Possibility Dims

Mesa Tribune 12-24-68

Roosevelt Dam, at the head of the Salt River system, will not be spilled "for at least 24 hours" unless some unusual conditions result, a Salt River Project official said today.

Yesterday, SRP had reported

the possibility of having to spill water from Roosevelt dam for the first time in 25 years.

Latest information from the Project today was that sunny skies in the mountain areas had removed immediate necessity of the Roosevelt spilling.

The SRP is continuing, however, to spill water from the Stewart Mountain dam, below Saguaro Lake, the lowest in the Salt River system. The Stewart Mountain dam release is 3,700 cu. ft. per second, amounting to 7,400 acre ft. per 24-hour period. Release of water from this dam is expected to continue for at least the next two days.

In terms of the Mesa area, the Stewart Mountain dam release means Granite Reef dam, northeast of Mesa, will be re-

(Continued on Page 8)

Runoff Rate Slows Down

(Continued from Page 1.)

ceiving as much water for the next two days as it is now receiving.

On the Verde River system, which also empties into the Salt River above Granite Reef dam, the Horseshoe Dam at the head of the system was reported 1 ft. short of an automatic opening of the spillway gate.

"If present run-off continues, Horseshoe Dam probably will be spilled into Bartlett Dam, but there is no immediate danger of spilling down the Verde River," said the SRP spokesman. He noted that Bartlett Dam can take 50,000 acre ft. of Horseshoe Dam water before spilling would be required.

An unconfirmed report from Phoenix stated that all Salt River crossings of the Salt River in Phoenix had been closed due to flooding with the exception of Central Ave. and Tempe bridge crossings.

Mesa's Country Club Dr., crossing of the Salt River today accommodated a steady stream of holiday auto traffic with muddy flood waters flowing beneath the crossing about 2 ft. below the road level.

Concrete pipes, 6 ft. in diameter, seemed to efficiently handle the water flow beneath the roadway although openings of about a third of the 23 culverts were partially choked with brush and small debris from the river.

On the downstream side, brush and other flotsam clung close to the bank as back eddies developed near the mouths of the culverts.

A steady throng of curious onlookers was at the scene photographing the flood and viewing the phenomena of water in what usually is a dry river bed.

Clear skies lessen flood threat here

But Salt dams are brimming

By United Press International

Clearing skies and colder temperatures reduced the threat of floods in eastern Arizona today after the Gila River surged out of its banks Thursday.

The U.S. Weather Bureau said the storm, which dumped more than two inches of rain over most parts of the state after it hit Tuesday, had moved out of Arizona.

The Arizona Highway Patrol reported that all major roads in the state were open, but were wet in most parts and icy in northern Arizona.

A Salt River Project spokesman said the automatic gates at Horseshoe Dam on the Verde River were expected to open by noon today and spill the water into Bartlett Dam.

Meanwhile flood danger on several other streams lessened early this morning as waters receded.

The Project spokesman said a reading early this morning showed Horseshoe was about 6,000 acre-feet short of its capacity of 139,238 acre-feet.

However, he said Bartlett Lake is expected to hold the run-off for at least two to four days. Bartlett now holds 129,254 acre-feet of water. Its capacity is 178,477 acre-feet.

The Project spokesman said Roosevelt Lake won't have to be spilled for at least 24 hours.

Roosevelt Dam now holds 1,170,399 acre-feet compared to its capacity of 1,381,580 acre-feet; Horse Mesa Dam has 243,523 acre-feet against a capacity of 245,138; Mormon Flat Dam holds 57,326 acre-feet compared to its capacity of 57,852 acre-feet, and Stewart Mountain Dam is holding 63,852 compared to its capacity of 69,765 acre-feet.

Stewart Mountain Dam was releasing water at a rate of 3,700 cubic feet per second into the Salt River.

In Phoenix, all north-south arteries from 48th street to 7th Ave. were closed where they crossed the Salt River.

Pima County officials said the melting mountain snow and heavy rain caused millions of dollars in damages. Disaster funds were requested from the

state, and county officials told the Tucson and Flowing Wells districts to go ahead with repairs without worrying about the cost.

State health officials warned of possible contamination of well water due to sewage mixing with the flood waters in the Mammoth, Kearny and Tucson areas. Well users were warned to boil any water that was used and to contact health officials to proceed with decontamination efforts.

The sewage overflowed at Mammoth and Kearny while about 2½ miles of interceptor sewer were broken and filled with mud on Tucson's eastside.

The Gila River, catching water from both the Arizona and New Mexico watersheds crested at more than 4½ feet above its banks Thursday night and was running a mile wide in places. However, Civil Defense officials reported it had lowered early today and was not expected to reach a flood stage again. Below freezing temperatures also were expected to reduce runoff from the snow cover.

Also lessening the chances of flooding was the rapid lowering of the San Francisco River which empties into the Gila River near Clifton.

Some residents of low lying areas along the Gila were evacuated yesterday. At Sacaton, 50 Indian families were housed in the Community Center after evacuation from the San Tan area. The small community of Kelvin also was surrounded by water and some persons moved to higher ground but no one was evacuated.

About 10,000 acres of fertile farmland in Pinal County was flooded.

Arizona National Guardsmen removed about 100 persons from the Papago Indian Reservation village of Chuichu in north central Arizona after water from the Santa Cruz River overflowed its banks. The Indians were taken to the National Guard Armory in Casa Grande and were provided supplies by the Red Cross.

#33
Scottsdale Daily Progress
12-24-65

Reservoirs' Levels Still On the Rise

Cool weather in the mountains has slowed runoff into the Salt River reservoirs, but officials still expect Roosevelt Dam to overflow sometime next week for the first time since 1941.

Water is being released from lower lakes along the system to accommodate the expected spillage and runoff.

Water was flowing into the Salt River System at 7,880 cubic feet per second yesterday, about 15,760 acre-feet per day. Granite Reef Dam was diverting 4,957 cubic feet per second into the Salt River, which was running 2 to 3 feet deep in places through Phoenix.

ALL ROADS crossing the Salt River in the Phoenix area are closed, except the Central Avenue and Tempe bridges.

Yesterday afternoon, a Salt River Project spokesman said, Roosevelt Dam, at the head of the reservoir system, was 167,000 acre-feet short of its 1,214,570 acre-feet capacity.

It will be at least a week before it fills unless there is more rain or warm weather melts the snow cap, he said.

MORSE MESA Dam, backing up Apache Lake below Roosevelt, was slightly above normal capacity yesterday, but water was not being released.

Generators at Mormon Flat Dam, backing up Canyon Lake, were shut down early yesterday, the spokesman said. But Stewart Mountain Dam generators at Saguaro Lake were operating.

Project engineers yesterday were releasing water from Horseshoe Dam on the Verde River into Bartlett, which had 146,000 acre-feet. Its 178,477-acre-foot capacity will be reached in another week if it continues to take water from Horseshoe at the current rate. It would then be necessary to release additional water below the dam, and the water would eventually enter the Salt River.

C. A. PUGH, assistant regional director of the Bureau of Reclamation, with engineers from the Phoenix development office, made an aerial inspection yesterday of flooded areas in Maricopa, Pinal and Pima counties.

If damaged areas are declared a disaster area by President Johnson, as requested by Gov. Goddard, Bureau of Reclamation funds can be made available for immediate use, Pugh said.

No rain was reported in the state yesterday, and the Weather Bureau predicted continued clear skies with little change in temperature.

Runoff 15 Times Over The Average

12-27-65
Phoenix Gazette

The record December runoff—a whopping 614,000 acre-feet thus far—is 15 times the average amount for the month and has the Salt River Project lakes at near capacity.

Runoff has slowed from last week's storms, and the forecast indicates little or no rainfall for Arizona through Saturday. Mostly sunny skies and slightly warmer temperatures are forecast for the Valley tomorrow.

THE BEST previous record in Salt and Verde runoff was 491,000 acre-feet in 1923. Records have been kept by Salt River Project since 1913. Proj-

★ ★ ★

● RUNOFF

Concluded From Page One

below zero, was the state's cold spot this morning.

Salt River crossings open to traffic were the Freeway bridge, the Tempe bridge, Seventh, 16th and 24th streets, Hayden and Scottsdale roads and Mesa Country Club Drive.

TRAVEL to the west was over bridges on Grand Avenue and U.S. 80, Indian School Road was open at the New River crossing, but other river-bed crossings on the New River and Agua Fria River were closed.

The Lake Pleasant Road was open, but the roadway at 107th and Black Mountain Road was described as very rough. Ellsworth Road, one-half-mile south of the General Motors Proving Ground, and the Apache Trail at Tortilla Flat were closed.

ect spokesmen said an average December inflow is around 40,000 acre-feet.

So far the weather and water runoff have cooperated with project officials so almost all of the water that has had to be moved downstream from one lake to another has been used to generate power and kept in storage.

SALT RIVER Project (SRP) gets a double benefit from the water that can be loosed through generators and still be retained in storage, since it makes power income and still is available for irrigation and other needs.

Water flow through Stewart Mountain Dam plant from the Saguaro lake was cut off today, when the runoff rate had declined slightly. Local runoff still was being released at Granite Reef Diversion Dam, lowermost on the Salt River. The gain in storage for the past 24 hours was around 14,000 acre-feet, where the Christmas Day gain was around 37,000 acre-feet.

HORSESHOE Dam's automatic gates were operating to release the amount necessary to keep this reservoir at maximum operating capacity, currently open around 3 inches.

Reservoir-lakes today held these amounts in acre-feet, (with capacity in parenthesis): Roosevelt 1,221,459 (1,381,580); Apache 243,709 (245,138); Canyon 54,286 (57,852); Saguaro 57,792 (69,765); and on the Verde, Horseshoe 187,533 (130,238) and Bartlett 152,133 (178,477).

This morning's low at Sky Harbor was 36 degrees — one above yesterday's minimum. A low of 37 is forecast for tomorrow.

YESTERDAY'S high, 65, was the warmest since a 68 on Dec. 9. Tomorrow's high could be 67.

Flagstaff had 12 inches of snow on the ground this morning. Grand Canyon's snow depth was four inches.

Maverick, with a low of two
Turn to ●RUNOFF on Page 8

#26

Country Club

Nasa Tribune

Flow Easing;

12-27-65

Road Open

Flood waters in the Salt River at the Country Club Dr. crossing are now nearly 5 ft. below the road surface and apparently will drop still lower today.

The Salt River Project stated that at 8 a.m. today 4,600 cu. ft. of water per second was flowing over Granite Reef dam, above the Country Club Dr., crossing, and the flow is expected to be only 2,800 cu. ft. per second by 6 p.m.

At 10 a.m. today the Project stopped releasing water at Stewart Mountain dam, on Saguaro Lake, which also cuts the flow reaching Granite Reef dam.

Bartlett Dam, on the Verde River, "won't spill before a week if the present trend continues," the SRP spokesman cautiously noted, and Roosevelt dam, at the head of the Salt River system, is expected to take at least a week to fill.

Last week, SRP officials had feared Roosevelt might have to be spilled during the weekend - the first such spilling in 25 years. Roosevelt dam, which can hold 1,381,580 acre ft., now has 1,221,459 acre ft. Making a definite forecast on Roosevelt conditions is clouded by weather bureau predictions of some wet weather in store for the latter part of the week, said the SRP spokesman.

Sunny skies today and during the weekend helped ease the acute situation building up at Roosevelt.

Runoff from the SRP system this month has been almost as much as the total storage behind the dams last year.

Although all Salt River crossings in the Phoenix area - with the exception of two, Central Ave. and Tempe bridge - were closed to traffic Sunday, the Country Club Dr., crossing remained open. It was closed only 2½ hours during the height of the flood waters Thursday.

(Continued from Page 1)

Water may have to be spilled from Bartlett again next spring, or earlier if heavy rains occur before the normal rainy period next March, was a prospect under consideration today.

Should the period between now and spring experience no more than normal rainfall, the system probably would be able to handle the normal spring rains without further downriver flooding, the SRP spokesman said.

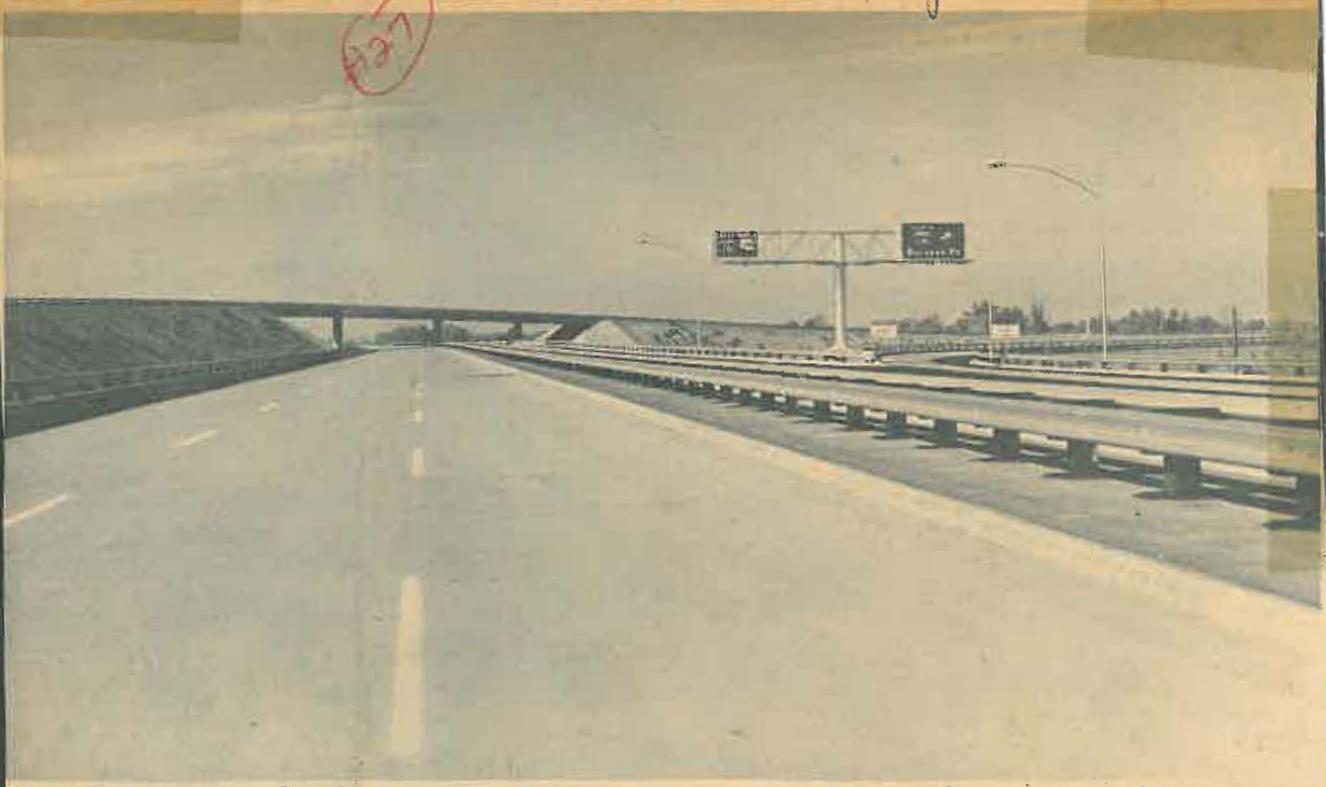
"But," he added, "who can tell now what kind of weather we will have for the next three months?"

The system's reservoirs and lakes today held these amounts of acre-feet (with maximum capacity in parenthesis): Roosevelt, 1,225,670 (1,381,580); Apache, 243,603 (245,138); Canyon, 4,379 (57,852); Saguaro, 57,570 (69,765); Horseshoe, 136,873 (139,238); Bartlett, 155,951 (178,777).

EXIT IMPROVED — Speedup in traffic off the new leg of the Maricopa Freeway at 40th street at the intersection shown here. Traffic snarls at the intersection have been frequent since the opening of the

freeway section extending east from 16th street. The route has had extra heavy use during the current flooding of Mill avenue and Scottsdale and Hayden roads in the Tempe area.





EXIT IMPROVED — Speedup in traffic off the new leg of the Maricopa Freeway at 40th street at the intersection shown here. Traffic snarls at the intersection have been frequent since the opening of the

freeway section extending east from 16th street. The route has had extra heavy use during the current flooding of Mill avenue and Scottsdale and Hayden roads in the Tempe area.

Flood Over, Lakes Filled

SRP Officials Debate Question Of Whether More Water Should Be Released For Safety

Release of excess water into the lower channel of the Salt River was discontinued overnight by the Salt River Project, but water continued to flow over the three river crossings in Tempe today.

Hayden and Scottsdale road crossings and the northbound lane of Mill avenue will remain closed temporarily after the flow stops, Tempe police department reported this morning.

Until the water has receded from the crossings, inspection will have to be made by the city public works department to determine what damage has been done to the roadways. If extensive damage has been done, repairs will have to be made before the crossing can be reopened.

In the meantime, officials of Salt River Project were making studies looking toward a decision as to what will be done about the vast amount of water now in storage in the reservoirs of the Salt-Verde river system.

After receiving a December runoff of 614,000-acre-feet of water, most of it within a 10-day period, the water conservation system today had remaining a reserve capacity of 188,364 acre feet. This figure was the combined total of the unfilled space in the system's six lakes: Roosevelt, Apache, Canyon and Saguaro lakes on the Salt, and Horseshoe and Bartlett, on the Verde.

Actually, the bulk of the unfilled space was in Roosevelt lake, where 155,910 acre-feet of water still might be received. The total remaining available capacity in the four lakes along the Salt today was 163,113 acre feet. In the two lakes along the Verde, there remained available 25,251 acre feet of unused capacity, with the bulk of it, 22,886 acre feet, available in the lower, Bartlett lake.

All spillways along the Salt were closed today, a spokesman for SRP said, but the spill gates at Horseshoe dam remained open, releasing 2,640 second feet of water to flow down the Verde into Bartlett reservoir.

As a result of release of water from Bartlett reservoir last

spring, the lower reservoir had at the beginning of the recent rains sufficient reserve capacity to hold the abnormal runoff from the upper Verde watershed, and Bartlett spillways have remained closed throughout the period. Possibility that

(Continued on page 4)

Mesa Tribune
Salt's Runoff
12-28-65
Is 15 Times
Over Normal

PHOENIX (AP)—Runoff from Salt River Project lakes in December amounts to 15 times the normal figure — a total of 614,000 acre-feet through Dec. 27.

The total storage stood at 1,867,000 acre-feet or 90 per cent of capacity. That was the greatest amount of water in storage in the 53 years of the project, breaking a 1941 record.

As weather forecasts called for mostly fair, dry weather, Salt River Project officials hoped runoff can be handled without further flooding.

Water in Phoenix area creek and river beds receded.

★ ★ **Reef Flow** ★ ★
Near Stop

No water is being spilled or released by valve on the Salt River system, and flow over the Granite Reef diversion dam northeast of Mesa now is "less than an inch," today said a Salt River Project spokesman.

Roosevelt Dam, which heads the Salt River system, has a capacity of 1,381,580 acre ft., now holds 1,225,670 — an increase of 4,211 acre ft. during the past 24 hours.

Contents of other lakes on the Salt River system are: Apache 243,603 a.f.; Canyon, 54,379 a.f.; and Saguaro, 57,570.

Gates are still open on Horse-shoe Dam in the Verde system, said the SRP official. Horse-shoe, now holding 136,873 acre ft., has 2,640 a.f. to go before spilling will be required.

Current content of Bartlett dam, also on the Verde system, is 155,591 acre ft. — with 22,149 a.f. leeway until the spilling point is reached.

★ ★ ★
● LAKES

Concluded From Page One

today carried only one-third-second of its peak Thursday.

Yesterday, however, the flow was equal to 220 million-gallons a day. About 6 million of it is sewage from broken sewer mains.

The Rillito flows into the Santa Cruz near Jaynes Station.

Tucson and Pima County have agreed to advance up to \$150,000 each to the sanitary district for repair work to minimize the danger of an epidemic.

THE MONEY is expected to give Arizona a total of more than \$750,000 in emergency expenditures it needs to qualify for federal assistance.

Lake Pleasant, on the Agua Fria River northwest of Phoenix, was at its highest level since 1941. The storage yesterday—135,939 acre-feet—was only 22,000 below capacity.

WHILE cloudiness is expected to increase in the Globe-Miami-Safford Valley, Clifton, Show Low-McNary and the Verde Valley areas, no precipitation is indicated during the next two days.

Phoenix temperatures tomorrow may range between 42 and 73 degrees, the weatherman said. This morning's low was 39 and yesterday's high was 68.



Tank truck appears to be "sailing down the river," but it actually is traveling U.S. Highway 80 south of Buckeye.

Gazette Staff Photo by Chuck Rayburn

The flooding Gila River covered the Phoenix-Yuma highway with water up to a foot deep along crossing near Buckeye.

FREEZE SLOWS RUNOFF

#30

12-28-65
Phoenix
Gazette

Reservoirs In Salt River Project Close To Brimful

Water storage in Salt River Project reservoirs climbed to a record high of 1,873,686 acre-feet today, 198,364 short of capacity.

The six reservoirs — four on the Salt and two on the Verde River — have gained 620,968 acre-feet since Dec. 1. A gain of more than 7,000 feet was reported for the 24 hours ended this morning.

THE RUNOFF into the two rivers has been slowed by freezing temperatures and a drop in the snow melt on the vast watershed.

Roosevelt Lake, uppermost and largest of the Salt River reservoirs, was within 155,910 acre-feet of its capacity — 1,381,580 acre-feet.

AT COOLIDGE Dam, stored water in San Carlos Lake totaled 217,284 acre-feet this morn-

ing. With more pouring in, the total was an increase of more than 2,240 per cent during the past month. On Dec. 1, the reservoir held only 9,286 acre-feet.

Most of the increase has been during the past five days as the lake, southeast of Globe, received floodwater carried by the Gila River.

The lake is downstream from Safford, where the Gila River has caused considerable damage since it reached flood stage.

George Demster, U.S. Bureau of Reclamation official in charge at Coolidge Dam, said the increase is expected to start leveling off to about "6,000 acre-feet a day for the next several days."

The increase during the 24 hours up to 7 a.m. today was

12,093 acre-feet. Storage during the previous 24 hours was 35,697.

STORAGE IS the highest since Jan. 1, 1960, when the reservoir held about 220,000.

Constructed in the late 1920s and dedicated in 1928, the \$5.5 million dam was built to hold back 1,285,000 acre-feet.

During its best year — 1942 — the lake was nearly two-thirds full.

MEANWHILE, in parts of Eastern, Southern and Central Arizona, the problem of restoring farms, homes, sewage lines, business buildings, bridges and roads was faced by state, county and city officials. Rough estimates have put the loss at about \$2 million.

The damage, mostly in Graham, Pima and Pinal counties, has caused Governor Goddard to prepare to ask President Johnson to declare the sections a federal disaster area.

WATER LEVELS in Salt River Project reservoirs continued to set new record highs. The flow over the Granite Reef diversion dam has been ended at least temporarily.

The Gila River was a half-mile wide in some places below its junction with the Salt south of Cashion.

At one crossing the water was 12 inches above the 5-foot high culverts on the roadway.

Below Coolidge Dam, the Gila is fed by the San Pedro, Santa Cruz, Agua Fria and Hassayampa river and by numerous washes in the 90 airline miles between Winkelman and Gila Bend.

RILLITO CREEK in Tucson

Turn to ●LAKES on Page 4

★ ★ ★

No Estimate Yet on Spill At Roosevelt

"It is impossible at this time to accurately estimate if and when the spillway gates at Roosevelt Dam will have to be opened. This will depend upon the weather," today said a Salt River Project spokesman.

"If there is little or no rain, and therefore only a slight runoff into Roosevelt Lake, the lake would not reach its maximum operating level for some time. However, a considerable amount of rain on the watershed could necessitate spilling of water through Roosevelt Dam.

On the Verde system, similar variables exist, but the unfilled capacity in the two reservoirs could be diminished in two or three days in case of a light rain on the Verde watershed and "spilling of Bartlett Dam would then take place," said the SRP official.

Figures released by the SRP show a 5,654 acre ft. increase in storage on the Salt River system during the past 24 hours, and an increase of 1,659 acre ft. on the Verde system.

Water behind Roosevelt Dam, which has a capacity of 1,381,580 acre ft., now covers 1,230,902 acre ft. - an increase of 5,232 ft. in the past 24 hours.

Scottsdale Road Crossing Open;

Hayden Rd. traffic was reported still closed today by the flooding Salt River, but Scottsdale Rd., is open, according to the county highway department.

Light rain forecasts for the next two days, however, make traffic conditions unpredictable.

No water was reported running this morning through the culverts on N. Country Club Dr., in Mesa.

51st Ave & Salt River

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12/28/65

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52

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51st Ave & Salt River

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Hayden Rd & Salt River

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Hayden Rd & Salt River

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Hayden Rd & Salt River

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Scottsdale Rd Salt River

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12/28/65

Scottsdale Salt River

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12/28/65

38



Scottsdale Rd

Salt River

12/28/65 Scottsdale ; Salt River 38



38

12/28/65

38



Bartlett Dam Opening To Flood River Here

By C. M. McMILLEN
Gazette Staff Writer

The six Salt River Project lakes that have given Phoenix area a "bonus" gift of flood control for about 55 years today were so close to capacity that major spillage down the Salt River Channel will be necessary.

Spillway gates at Bartlett Dam were opened this afternoon because of heavy runoff. Salt River Project General Manager R. J. McMullin said.

WATER ALREADY was being released from the valve at

the base of the dam, beginning about 9:30 a.m.

Local runoff from the desert below the project's storage reservoirs also forced release of water at Granite Reef Diversion Dam early this morning. This flow is expected to reach river crossing streets by mid-afternoon.

Local authorities will control traffic, McMullin said, Culverts at Country Club Drive north of Mesa are expected to handle the flow during the afternoon rush hour, but Hayden and Scottsdale roads and a portion of Van Buren Street which

crosses the Salt River under the Tempe Bridge probably will be closed.

FLOW IN the Verde River above Horseshoe and Bartlett dams jumped to 26,000 cubic feet per second this morning, compared with 1,800 yesterday morning.

Verde reservoirs only had room for about 13,000 acre feet of water at mid-morning today. The flow was increasing and expected to fill both reservoirs in about four or five hours.

There is room for only about 150,000 acre feet of water in Salt River reservoirs. A decision to open spillways at Roosevelt Dam will have to be made in a day or two. "All is dependent on the weather and runoff into the system," McMullin said.

STORAGE today in the project system was 1,906,369 acre feet.

Runoff today brought Verde River December total to a record level. Flows on the Salt River and Tonto Creek set records earlier this week. The gain in the system in the last 24 hours was 25,370 acre feet. Total gain since Dec. 1 is 653,651.

All system reservoirs last filled in 1941, the last time the spillway gates at Roosevelt Dam had to be opened.

THE DECISION by SRP officials today to release stored water from Bartlett Reservoir points up what the proposed Orme Dam and reservoir at the joining of Salt and Verde rivers could do for the Valley in regulating flood waters, U.S. Bureau of Reclamation officials said. It also, would provide terminal storage for water imported from the Colorado River.

Looking at what another reservoir added to the system could do in good water runoff

Turn to **DAM** on Page 4

SRP Seeks Even Water Flow

By JOE COLE

The Salt River Project yesterday juggled water in its six reservoirs in an effort to keep the river's rapid channel flow on an even keel past the Phoenix area.

Rod J. McMullin, SRP general manager, said the Salt would probably continue to run at a steady pace through the metropolitan area until mid-morning today, when it will drop to 50,000 cubic feet per second.

Water spilled into the lower Salt River from the brimfull Verde and Salt River reservoirs at an average rate of 75,000 cubic feet, or 561,000 gallons, of water per second yesterday.

BUT ALL PROJECT statements hedged a hopeful prognosis of a stable flow with a figurative "if it doesn't rain" qualification.

The Phoenix Weather Bureau's forecast last evening helped buoy hopes of Phoenix residents and SRP executives.

Fair weather was predicted for today, tonight and tomorrow in Phoenix and the Salt River and Casa Grande valleys.

Clearing skies and colder nights but warmer days were forecast for most of the rest of the state.

CLOUDS AND widely scattered showers early yesterday, which never added up to measurable rainfall on the Salt River and Verde watersheds, kept officials from making definite statements on when the water release would end.

McMullin said flow from Roosevelt Lake, uppermost of the four reservoirs on the Salt River system, was increased from 40,000 to 50,000 cfs in the afternoon.

However, last night further reductions were made to enable the flow reduction to 50,000 cfs today, a figure which was expected to be maintained all day.

A compensating reduction to below 25,000 cfs of released water was made at Bartlett Dam on the Verde, making the flow at Granite Reef Diversion Dam below the Salt-Verde approximately 75,000 cfs.

IN THE 48 HOURS from 6 p.m. Thursday to 6 p.m. yesterday, approximately 90 billion gallons of water crossed Granite Reef and came down the river channel through the Valley's populated area.

That amount of water, said SRP officials, would have filled Saguaro Lake four times, but the lake was already full.

The spillage from Bartlett Dam and Stewart Mountain Dam on the Salt was being con-

tinued, McMullin explained, in order to lower the water level in Roosevelt Lake, largest and uppermost reservoir on the Salt system.

THE PROJECT is seeking to reduce the level in Roosevelt to create room for any possible sudden, severe runoff in the near future, he added.

Last night, inflow into Roosevelt was 12,000 cfs compared to the 40,000 cfs flow being released into the lower three Salt lakes, and eventually into the river channel through Phoenix.

To the northwest, Lake Carl Pleasant on the Agua Fria River was reported about 4,000 acre-feet below its capacity.

BEARDSLEY PROJECT officials there said it would take two to three days for the lake to fill at yesterday's relatively low runoff rate from the watershed. That rate was dropping, they said.

The officials said there was no immediate concern for possible release of water down the Agua Fria.

59



12/31/65

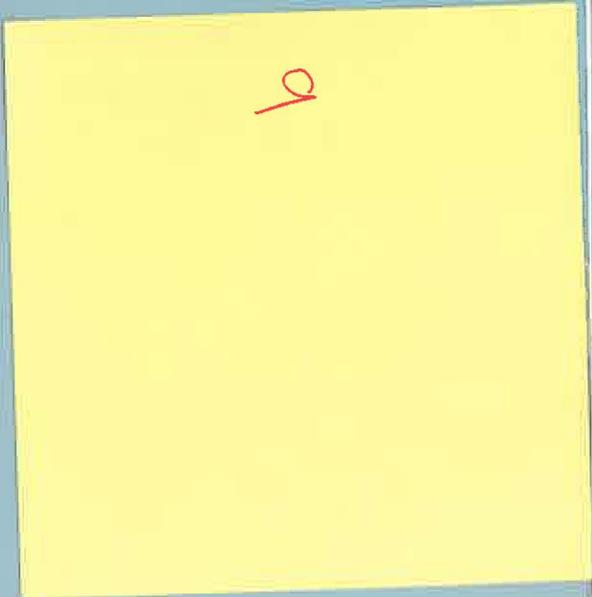
At Scottsdale Rd.
Looking North.
Salt River.



Tempe Bridges



60



12/31/61⁶⁵

SALT RIVER

Freeway washout.

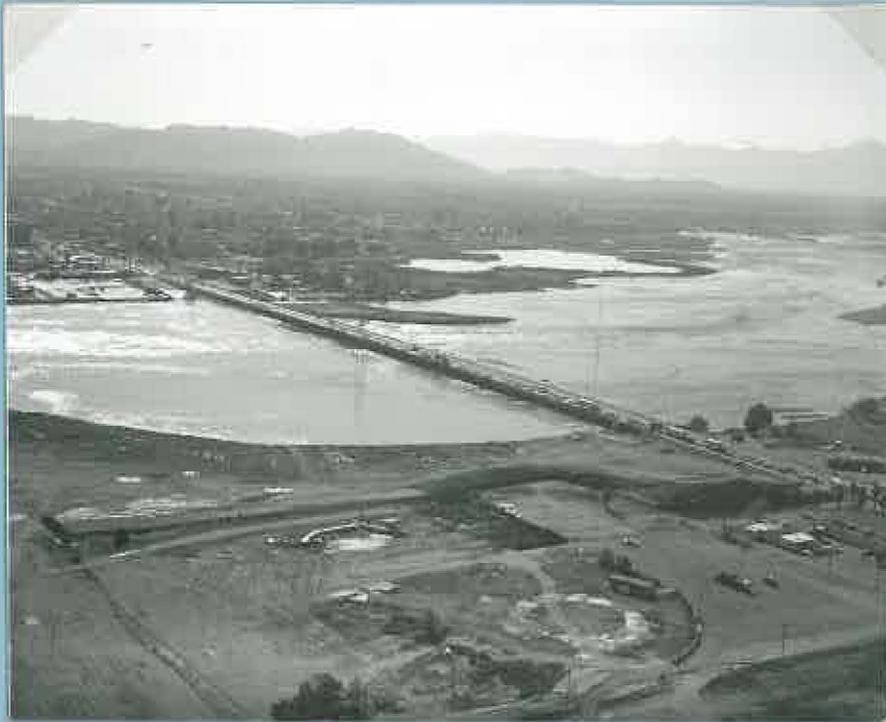
61



12/31/65

SALT RIVER

Central Avenue Bridge.



62



Mary Street + Salt River
12/31/65

72.1



12/31/65

72.3



78

12/31/65

72.4



Mary Street & Salt River

12/31/65

Mary St. & Salt River

72.2



63

12/31/65

72.8



BRIDGES over SALT RIVER in TEMPE

12/31/65

77-3



12/31/65

77-4



64

12/31/65

77-5



Bridges over Salt River in Tempe

12/31/65

77-7



12/31/65

77-6



65

12/31/65

77-8



US 80 at Salt River in Tempe

12/31/65 US 80 @ Salt River in Tempe 77.2



66

Salt River at Tempe

12/31/65

79.5



12/31/65

67

79.1



12/31/65

79.3



Salt River at Tempe

12/31/65

79.2



68

12/31/65

79.7



Salt River at Tempe

12/31/65

79.6



69

12/31/65

79.8



Tempe

12/31/65

75.4

Building dyke
to protect Tempe



Bldg Dike to Protect Tempe

12/31/65

75.5



70

12/31/65

75.6



Tampa
12/31/65

75.1



12/31/65

71

75.3



12/31/65

75.4



Salt River at Tempe

12/31/65

78.2



12/31/65

72

78.7



12/31/65

78.8



Salt River at Tempe

12/31/65

73

78.5



12/31/65

78.6



12/31/65

78.4



Salt River at Tempe

12/31/65

SALT RIVER @ TEMPE

78.3



12/31/65

74

78.1



12/31/65

72-5



13

12/31/65

72-6



75

12/31/65

72-7



Scottsdale Rd in Salt River Riverbed

12/31/65

71-3



12/31/65

71-4



76

12/31/65

71-5



Scottsdale Rd in Salt River River bed

12/31/65

71-6



57

12/31/65

71-7



77

12/31/65

71-8



12/31/65

Hayden
Scottsdale Rds

12/31/65

79

76-4



Hayden Rd & Salt River

12/31/65

76-3



Scottsdale Rd & Salt River

Hayden Rd & Salt River

12/31/65

76.8



12/31/65

80

76.7



12/31/65

76.5



Hayden Rd & Salt River

12/31/65

81

76.6



76.6

HAYDEN & SALT RIVER

NEW RIVER
12/23/65

At Olive Ave. looking
east. Est. 1200-1500 CFS.



82

Downstream from Olive Ave.
Est. 1200 CFS.



At U.S. 60-70. Est. 1200-
1500 CFS.



Peoria Ave

&

New River

12/23/65

9.4



12/23/65

9.5



83

12/23/65

9.6



76

12/29/65

41



12/29/65

41.



85



12/29/65

41.



86



New River Road at New River

12/29/65

40.



467



12/29/65

40.



88



County equipment
removing "sand"
from river King.



12/29/65

40.



89

40



New River Road
at New River

12/31/65

51



96



New River Rd at New River

12/31/65

51.



91



New River Rd at New River

12/31/65

51.



92



83rd Ave at New River

12/31/65

55.



93



83rd Ave at New River

12/31/65

94

55.8



12/31/65

55.7



~~North~~ Bell Rd & New River

No problem
(o bridge)

Bell Rd @
New River
12/31/65 *

12/31/65

95

55.



BELL RD & New River



Bell Rd at New River

12/31/65

55.

No Problem



9/6



CAREFREE

12/31/65

53.

Carefree



Carefree
12/31/65
✿

97



Carefree

HWY ~~98~~ 17
Bridge
579



98



Carefree

12/31/65

53.

Carefree
12/31/65
*
*



Carfree Rd
& New River

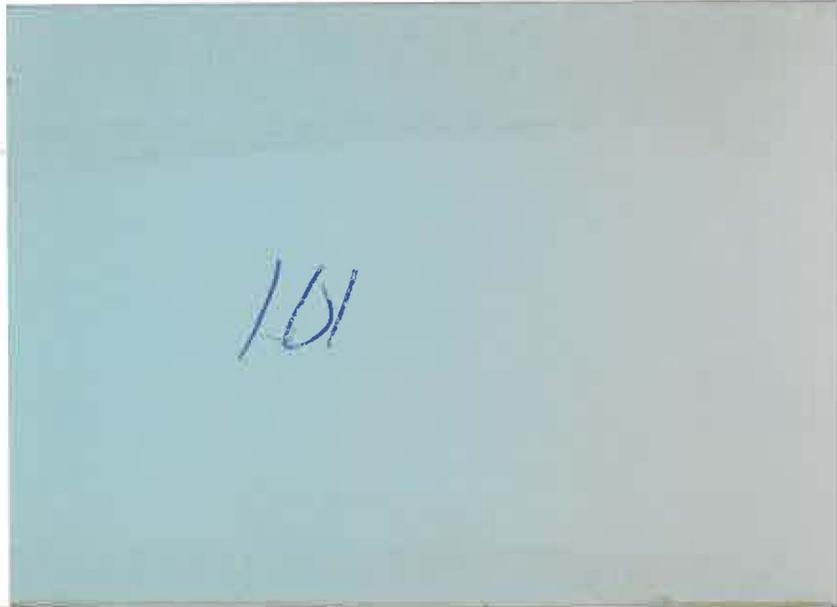
12/31/65

55.6



12/31/65

55.4



12/31/65

55.5



Carefree



17



Carefree Rd
&
New River

12/31/65

55.2



12/31/65

100

55.1



12/31/65

Carefree & New River

55.3



12/31/65

57.



102

12/31/65

57.





103

SALT River





#3
- 105



Looking East towards Scottsdale Rd. 12/31/65



107



108



Toward Box Canyon
~~Hassayampa R.~~
Looking N downstream
tributary Waterman Wash

686 9-9-65



109

Waterman Wash
Looking ^{up} downstream

Sec 50, 2S, 1W

682 9-9-65



683 9-9-65

Waterman Wash
Looking downstream

Sec 30, 2S, 1W



Waterman Wash
@ Jackrabbit
Trail

683 9-9-65



@ Jackrabbit
Trail

684 9-9-65

110



685 9-9-65

upstream 2 mi.
of Waterman Wash
from Jackrabbit
Trail





40th Street-Broadway Drain, Looking West into
Culvert under 32nd Street to Salt River.
7/27/66



40th Street-Broadway Drain, East end of 6'
Culvert at 32nd Street
7/27/66

5

355



40th Street--Broadway Drain, 48th St., 6'
culvert showing 24" & 48" pipes entering
from south, 15" pipe on northside
7/27/66

112

354



40th Street--Broadway Drain, east from 48th St.,
growth from this point to 52nd Street has not
been cleared 7/27/66

5

12

48TH STREET DRAIN
7/27/66

357



418th St. Drain 7-27-66

40th Street--Broadway Drain, 300' east of 32nd
Street, spoil on north bank, 6'-7' high piles.
7/27/66

113

352



40th Street--Broadway Drain, 300' east of 32nd
Street, spoil leveled about 2'-3' deep on
south bank 7/27/66

5

349



40th Street--Broadway Drain, looking west from
36th Street on north bank, spoil piles 2'-3'
high 7/27/66

114

350



40th Street--Broadway Drain, west from 36th St.
south bank ground leveled 3'-4' above natural
ground 7/27/66

5

4

48TH STREET DRAIN
7/27/66



40th Street-Broadway Drain, Looking East from
32nd Street Spoil on south bank, piles 2-3'
high 7/27/66

115



40th Street Broadway Drain, looking upstream in
channel, approximately 9'-10' deep at 32nd St.
7/27/66

5

2



40th Street--Broadway Drain, west from 36th St.,
south bank ground leveled 3'-4' above natural
ground 7/27/66



40th Street--Broadway Drain, east end of 6'
culvert at 36th St. 15" tile entering here
7/27/66

341



40th Street--Broadway Drain, looking east from
36th Street spoil leveled 2'-3' above natural
ground (south bank)

7/27/66

117

342



40th Street--Broadway Drain, looking east from
36th St., spoil leveled 1'-2' above natural
ground on north bank

7/27/66

339



118

40th Street--Broadway Drain, between 36th + 40th Street, Salt River Project dozer leveling canal bank

7/27/66

340



40th Street--Broadway Drain, between 36th + 40th Street, Salt River Project dozer leveling channel bank

7/27/66

337



40th Street--Broadway Drain, culvert construction at 40th Street

7/27/66

119

338



40th Street--Broadway Drain, east of 40th St.,
spoil 3' deep on north bank

7/27/66

48TH STREET DRAIN
7/27/66



335

40th Street--Broadway Drain, about 46th St.,
partially leveled spoil 2'-3' south bank 1-2'
north bank 7/27/66

120



336

40th Street--Broadway Drain, west from 48th St.,
growth starting in channel 7/27/66

9



40th Street--Broadway Drain, about 43rd St.,
south bank spoil 6" about natural ground
7/27/66

121



40th Street--Broadway Drain, about 45th St.,
south bank spoil 3-4' natural ground.
7/27/66

5

48TH STREET DRAIN
7/27/66



40th Street--Broadway Drain, about 46th St.,
spoil 3-4' above natural ground south bank
7/27/66

122



40th Street--Broadway Drain, about 46th St.,
north bank spoil 1-2' above natural ground
7/27/66

5

10

48TH STREET DRAIN
8/22/66

300' east of 32nd Street,
north bank washout.



123

South bank scour from
north bank washout, 300'
east of 32nd Street.

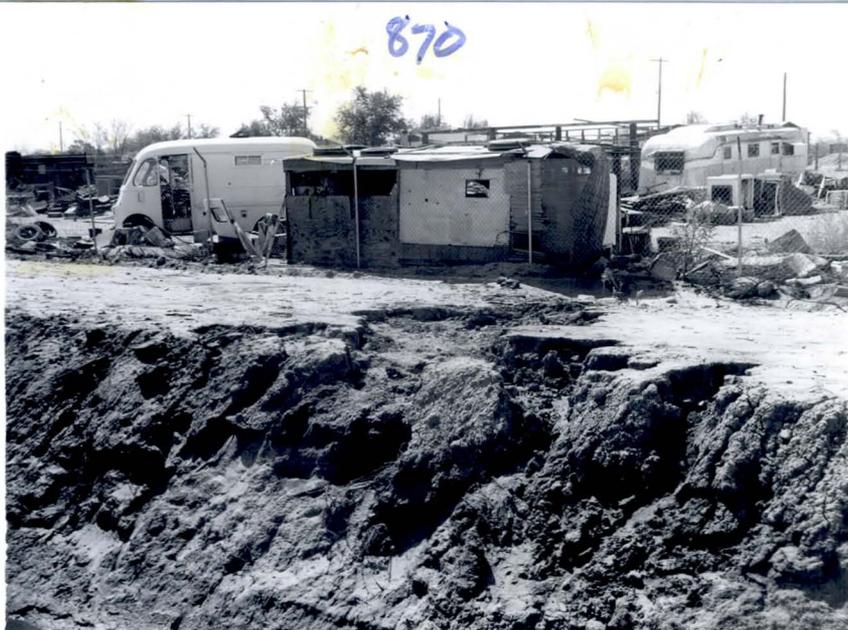


300' east of 32nd Street,
north bank washout.



48TH STREET DRAIN
8/22/66

South bank washout just
east of 36th Street.



124

Washing at 48th Street
East side of culvert.



Buckling of concrete east
side of 48th Street culvert.



48TH STREET DRAIN
8/22/66

Debris from "Hay Shel-
ters" vicinity 46th St.

125



Debris from "Hay
Shelters" 45th-46th
Street vicinity.



Debris from "Hay Shelters"
45th-46th Street vicinity.

48TH STREET DRAIN
8/22/66

North bank washout
vicinity 45-46th St.



North bank washout
and debris in channel
45th-46th St.

126



North bank washout
vicinity 45th-46th St.



48th Street Drain
8/22/66

About 41st Street.
South bank.



About 42nd Street.
South bank.

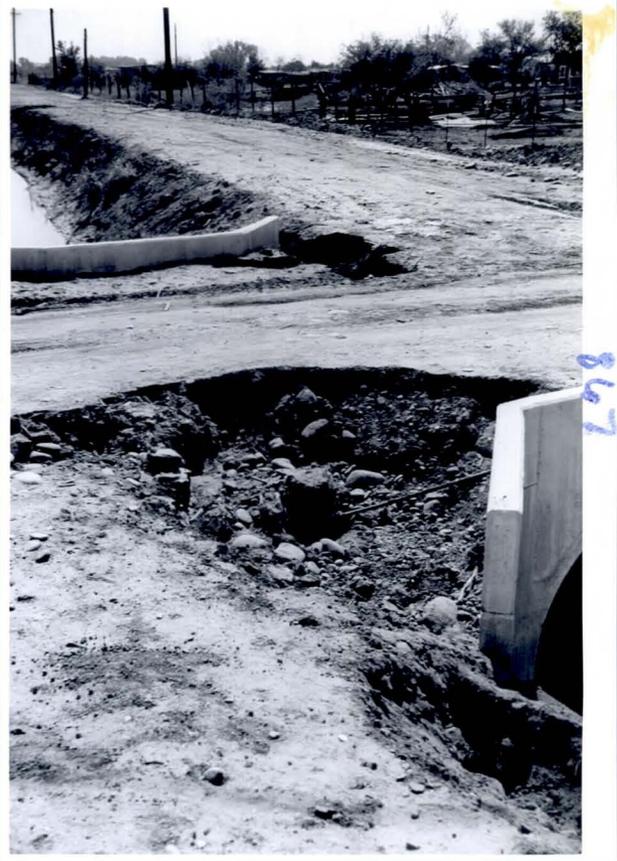


129

About 43rd or 44th Street.
North bank.



About 43rd or 44th
Street. Washing around
culvert crossing.



867



868

Washout in south bank
maintenance road. West
of 40th Street.



869

128

Washout in south bank
west of 40th Street.

48th STREET DRAIN
8/22/66

Ponding west of 40th Street,
north of channel. Depth:
1' (from storm 8/18/66).



Ponding north of channel,
east of 40th Street.
Depth: 1' (From storm
8/18/66).



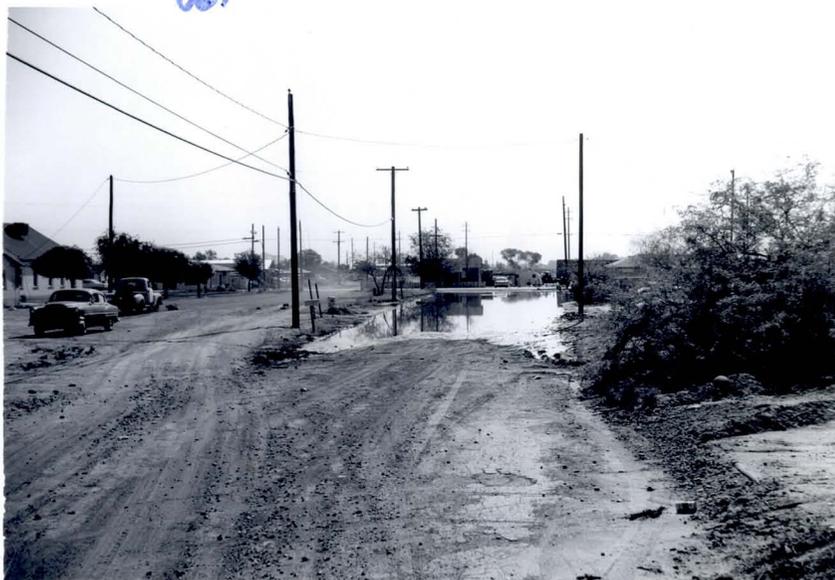
129

Ponding west of 40th Street
and north of channel. (From
storm 8/18/66).



48th STREET DRAIN
8/22/66

Ponding north of channel,
west of 40th Street,
1' deep. (from storm
8/18/66)



Ponding north of channel,
east of 40th Street.



130

Ponding north of channel,
west of 40th Street.



Van Buren Street & Agua Fria River

1/4/66

126.6



Van Buren & Agua Fria River

1/4/66

126.7



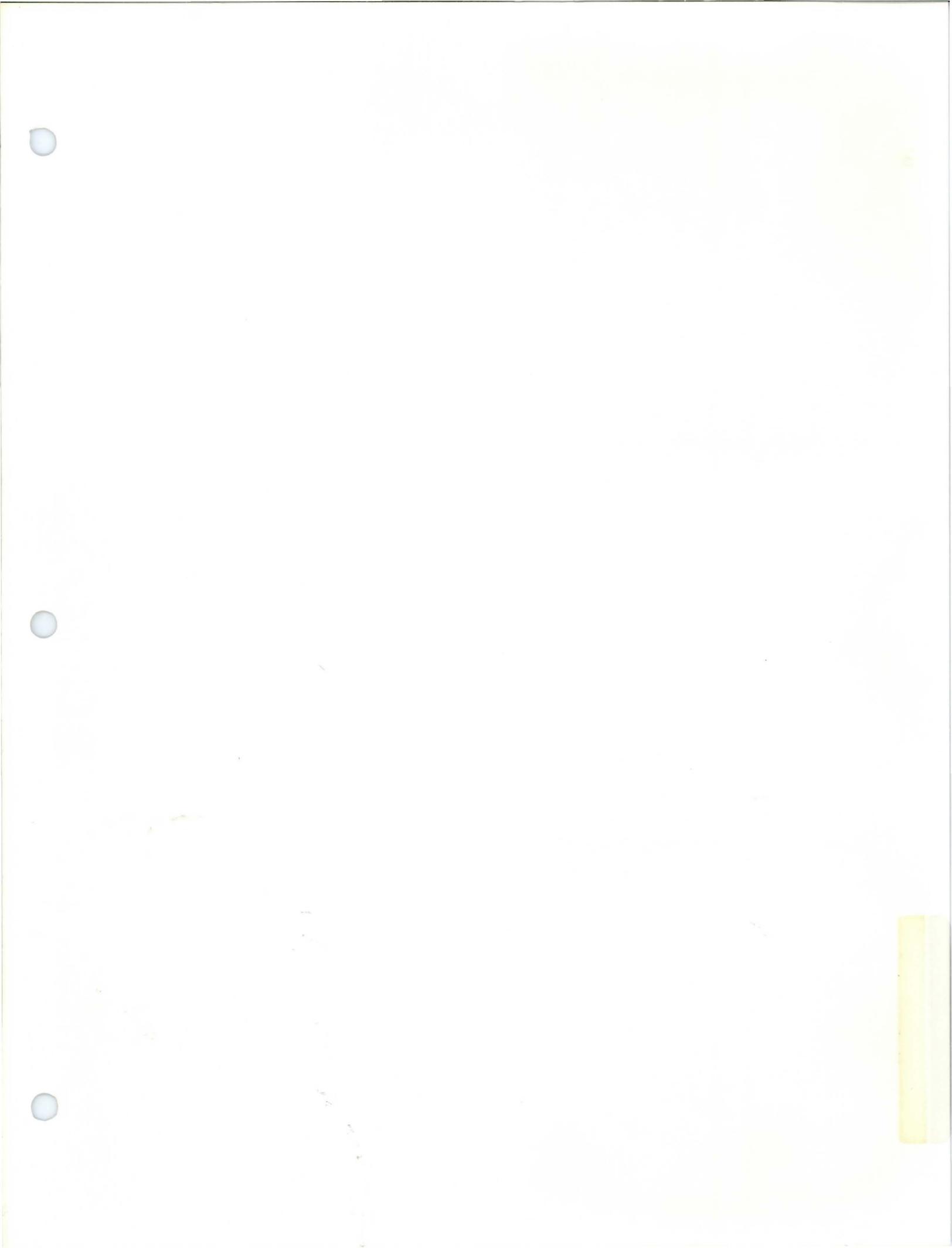
Van Buren St. & Agua Fria River

1/4/66

126.8



Van Buren & Agua Fria River



Van Buren Street & Agua Fria River

1/4/66

126.1



Van Buren & New River

1/4/66

132

126.2



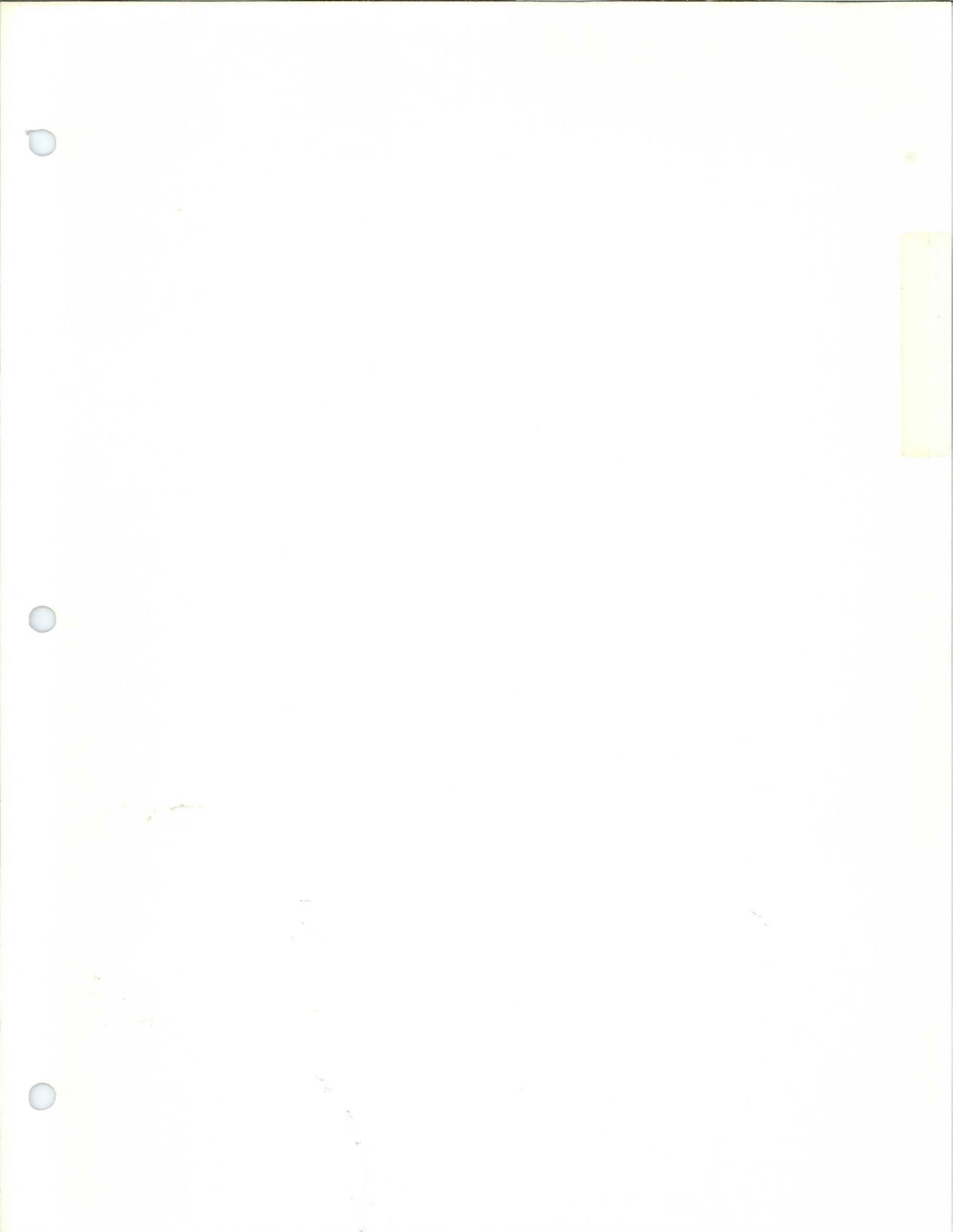
Van Buren & New River

1/4/66

126.3



Van Buren & New River



#32

Buckeye Valley News

VOLUME 42

BUCKEYE, MARICOPA COUNTY, ARIZONA

Thursday, January 6, 1966

No. 1

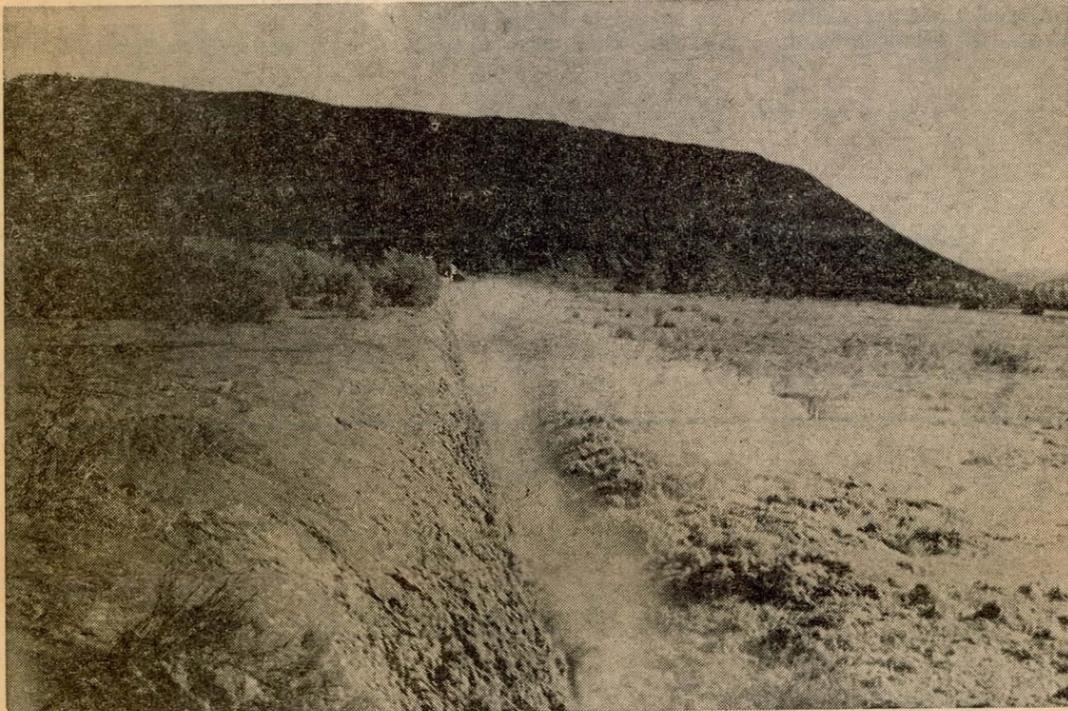
'Mighty' Gila Is Loose Again

Allenville Evacuated; Highway 80 Closed

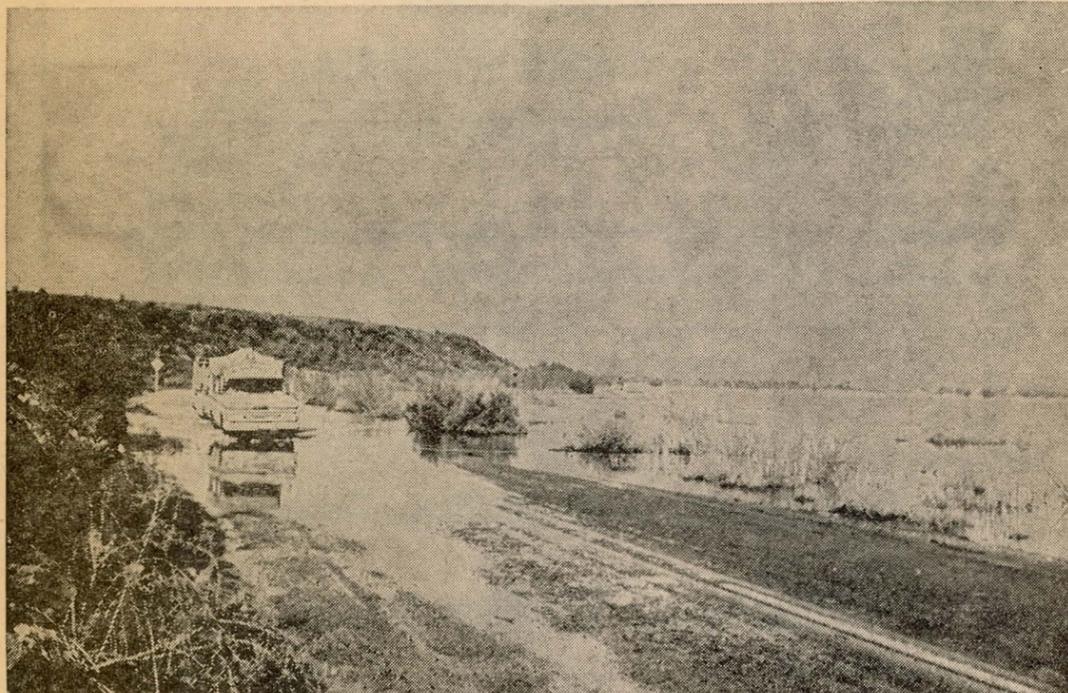


THE GILA river was two and one-half miles wide Friday night as it crossed Highway 80 south of Buckeye, stopping all traffic and reaching as far north as the Palo Verde turn-off.

Photo by Ann David



SOLID WALL of muddy water shows might of the flooded Gila as it pours over the entire width of Gillespie dam south of Arlington.



WITH HIGHWAY 80 cut off by floodwaters south of Buckeye traffic was finally routed around on old Highway 80 (starting Sunday noon) cars had to make their way through several water covered stretches like this one.

Photo by Ann David

The Gila River went on its second flood rampage in as many weeks when flood waters from South Phoenix (Roosevelt dam release via the Salt River) swept a two to three mile path down Buckeye Valley; again flooding the homes on Jackrabbit Trail and Beloit Road; forcing the evacuation of the settlement of Allenville, one mile south of Buckeye; put a two and one-half mile 'wall' of water across highway 80 south of Buckeye and flooded out cotton fields on its way to Gillespie dam south of Arlington.

The flood waters hit Buckeye about midnight Friday, New Year's Eve, covering part of Allenville, a mile south of Buckeye and cutting a two and a half mile path across highway 80, closing it to all traffic. The residents of Allenville had been evacuated by Deputy Sheriffs, the Buckeye police department, town employees, and R. B. Duncan, who donated five trucks and drivers Friday morning to help them move to Buckeye Elementary School where they were provided meals and sleeping accommodations Friday evening and Saturday forenoon by the Red Cross before returning to their homes late Saturday. Highway 80, which had just barely dried out from last week's flood, was covered from the Palo Verde turnoff to 2 1/4 miles south with fast-running muddy floodwater and was shut off to all traffic. Old highway 80 was also closed from late Friday night until Sunday noon because of water backing up over the road in several places near Arlington.

Old Highway 80, serving as a detour for North-South

traffic was closed Tuesday morning when a moving van hit the ditch (part of Gila River) south of the Arlington Cattle Company feed yards. It was 8 o'clock Tuesday evening before the road was opened to traffic which had piled up three miles south of Gillespie bridge.

From Buckeye the Gila continued on its two mile wide rampage, spreading out into cultivated fields, taking with it many acres of standing cotton, forcing the evacuation of Arizona Land and Cattle Company feed yards at Arlington, almost flooding out the Arlington school, covering the highway in several places south of Arlington, before pouring its muddy waters in a roaring torrent over the entire width of Gillespie dam, which had been overflowing since last week's flood. Louis Wingfield of Arizona Cattle

(Continued on Back Page)

Tom Wood New Deputy Sheriff In Buckeye Area

Tom Wood, Buckeye, began working Monday morning as Deputy Sheriff in the Buckeye area and will be working from the local office. Other Sheriffs working in the Buckeye area are Sgt. Taylor Gibson, Deputies Bud Kitchens, Don Stanley, Rusty Carsten, Joe Duncan, Dennis Schilling and Lorraine Vose.

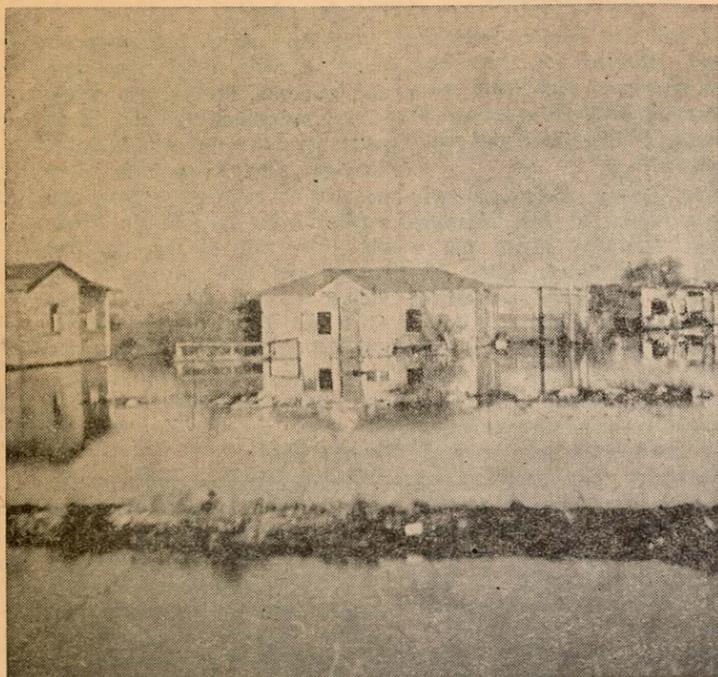
Tom lives on Bruner Road with his wife Shirley, and their two daughters.

Buckeye Museum Meeting Set For

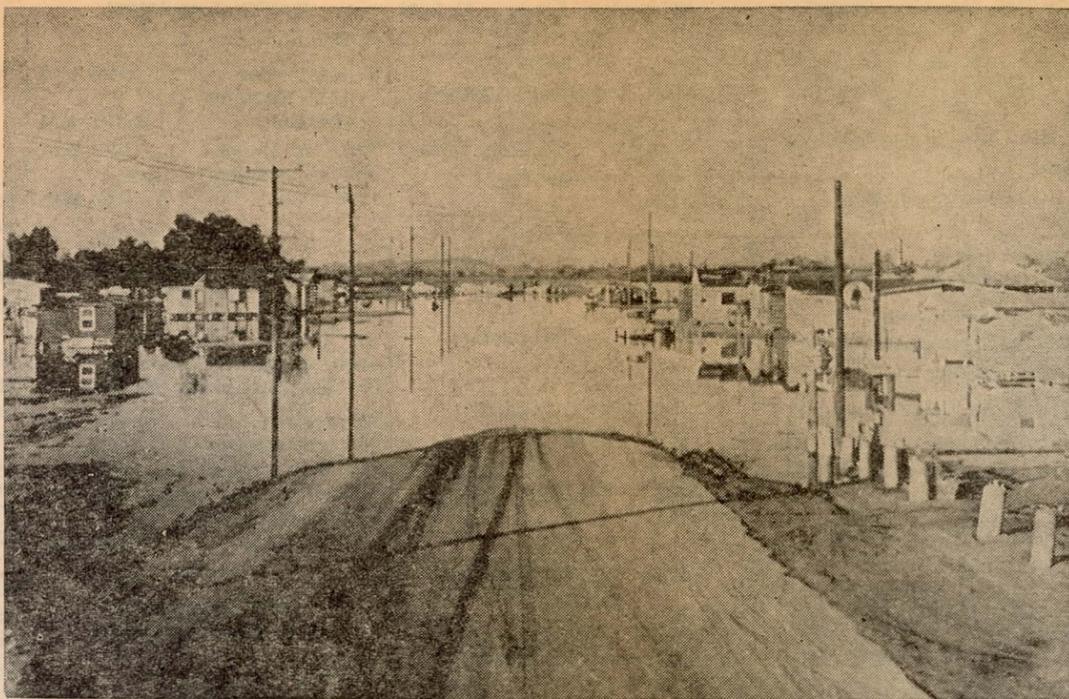
135

#333

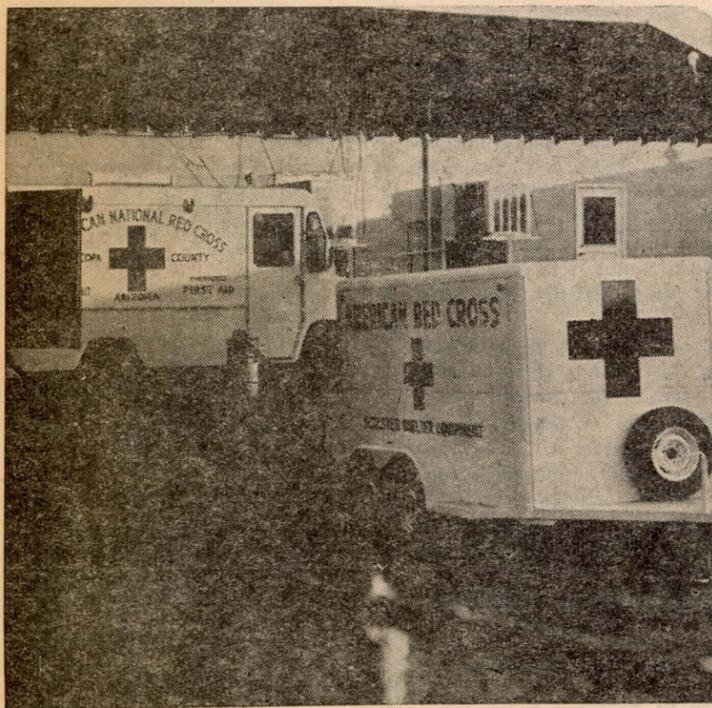
Flood Damage From Gila River



THESE HOMES in Allenville were a foot deep in Gila River floodwater early Saturday morning.



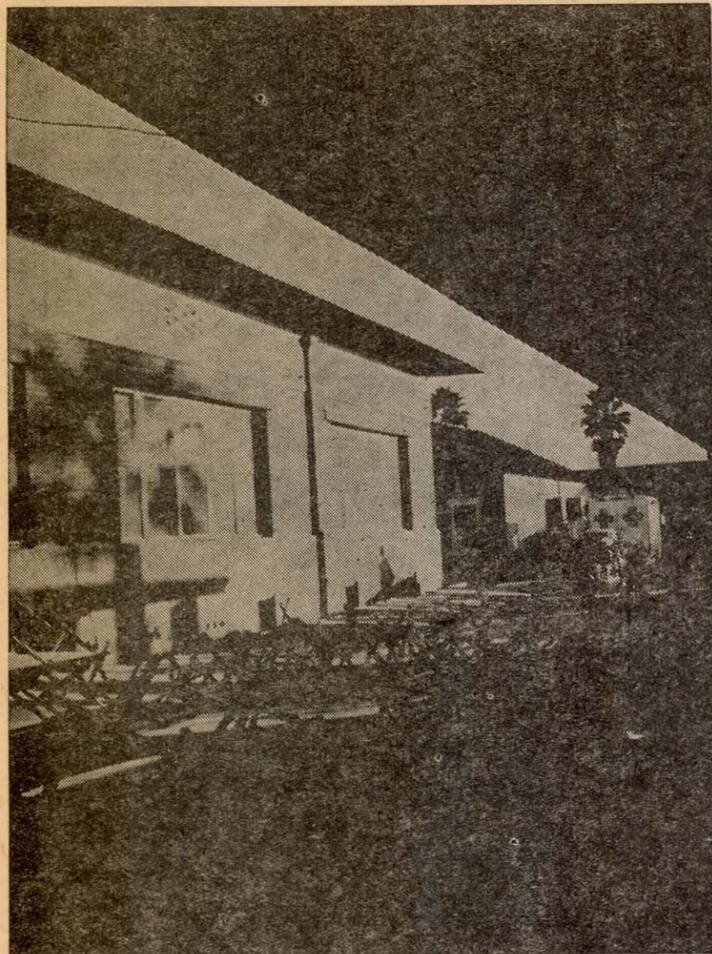
RECEDING Gila flood waters in Allenville Saturday, allow residents to return to their homes and start cleanup. (Photo by The Fairchilds)



RED CROSS transportation units were kept busy Friday night bringing in equipment to care for the Allenville people driven from their homes by the flooding Gila River. Sleeping facilities and meals were provided by the Red Cross at the Buckeye Elementary school. Allenville residents returned to their homes late Saturday when flood waters receded. Photo by The Fairchilds



BUCKEYE Irrigation Company crews worked feverishly with bulldozers to pile a protective bank of dirt to keep the Gila River floodwaters out of the Buckeye Canal. Minutes after this picture was taken the area where the dozers are working was covered with water.



RED CROSS cots are set up Friday night for the evacuees in Buckeye Elementary School from Allenville.

Gila River Floods Again

(Continued from Page 1)

Company said that it was necessary to move over 5,000 head of cattle from their feed yards to higher ground as well as machinery, equipment and motors from their mill. He reported some 70 acres of cotton flooded, a quarter mile of ditch out and from three to four miles of fence out. Wingfield guessed at his firm's losses as "several thousand dollars" with the loss involved in moving the cattle, variation in their feeding routine, etc., hard to estimate. The Gable farm, near Arlington, was reported a heavy loser in flooded cotton crops with some 200 acres under water. Forty acres of barley was also flooded, a half-mile of cement ditch lost and several dirt ditches washed out. Richardson Brothers farms

in Arlington also suffered considerable damage.

Five thousand head of cattle were moved from flooded feed yards near Phoenix to the Arlington Feed yards early Sunday morning.

On its way to Gila Bend and Painted Rock dam the Gila (still cutting a one to two mile wide

path) flooded out the Gatlin and Narramore ranches, and raised a hob with cultivated acreage in Citrus Valley. It raised the height of water in Painted Rock Dam to 25 feet by Sunday evening and had risen to 45 1/2 feet by Tuesday afternoon. Water was being released at a rate of 600 cubic feet per second.

Buckeye Brevities

Spending the Christmas and New Year holiday season with the John Allens, Eason Ave. were their sons David of Las Vegas, Nev., Arnold of Huntsville, Ala., Larry of ASU, Tempe, and Nathan and his wife and daughter June of Lorain, Ohio.

In Buckeye for a couple of days last week were Mrs. Jim Belknap and daughter Ruth of Yuma, the former visiting Mrs. Elmer Brown and the latter with Chris Flanagan.



PART OF the bedding supply of Allenville, forced from their homes by the flooding Gila River Friday night, trucked in by the Red Cross to take care of the population

#34

Gila River Flooded Before

(Taken from the memory of the Historian of the Buckeye and West Gila Valley Old Settlers Union, I.H. Parkman.) ...

When I arrived in Arizona in 1893 the state was entering a drought that lasted until January 1, 1905. Arizona droughts do not mean that there was no rain during that time, but that the overall years rainfall was very deficient. As an example a big flood came down Salt River on Christmas day, 1894 and raised seven feet in less than 10 minutes, and twelve feet before next morning. In 1903 water was so short in Salt River during the summer that there was not any water for the two newer canals, the Arizona and Grand, and twice during the summer the Maricopa and Salt River Valley Canals (the Town Ditch) let them have their water to fill their stock tanks so their stock could have a drink. Some of the dairy men up in that section heard that Buckeye had water and lots of green feed and brought their dairy herds to our Valley, bought feed and camped in tents alongside the fields and milked their cows, hauling their milk or cream to Phoenix everyday. The Arizona State Hospital was one of the outfits that did this. This was the beginning of dairying in the Buckeye Valley.

About 10 o'clock New Years Eve, 1905, the drought was broken, and how! It did not rain, it just poured out in tubs full, so much so that before morning the Gila River was out of its banks and remained that way most of the time until mid May. At that time my family and I lived in a homestead on the south side of the river in a cove back of Powers Butte, on some of the finest mesquite covered land one could wish to find anywhere. As it kept raining day after day and time was drawing near when we were expecting our third child, we kept watch of the river every day to see if we could find a time when we could get across with a wagon and team and get nearer to a doctor. My brother John was staying with us and every morning he would go down to the river and check on it. On Jan. 11 he came back and said he thought we could make it. So I told my wife to get herself and children ready while I got the team. Our trunk was already packed awaiting for this day. Putting it in the old lumber wagon, some bedding and what other things we would have to have we were soon ready. John had chosen a spot where the river was about 150 yards wide. He had already been across once and said the crossing was free of quicksand and hard. Stripping down to his underwear he walked ahead of the team picking out a road and looking out for foot holes in the bottom. The water was up sloshing against the wagon bed now and then, and twice I thought the team was going to have to swim, but we made it safely. As we crossed where there was no road, we ran into more trouble winding through the brush, soft sand and holes of water getting out to the road that we had crossing the river. That night the river came up again and so we crossed it with wagon and team until mid May, five months later. When the flood started there were big cottonwood trees all up and down the river but very few withstood the rushing waters for five months. They were practically all gone. After the river had run full for a few

days and the banks had gotten thoroughly soaked they began to topple into the river and on their way to the Colorado River and Mexico. Just across the river from Powers Butte, an old man had an 80 acre homestead all out of the river and when the floods were over he had four acres in the northeast corner left. Warren Peterson whose land adjoined him on the west lost one field still in brush and a 40 acre field of good alfalfa. The Buckeye Ranch at the north of Hassayampa lost acre after acre of good alfalfa, even with a crew of men working every day cutting big mesquite trees and anchoring them to dead men 50 or a 100 feet back from the river with cables, and rolling them into the river to protect the bank, only in a few hours to have them all go down the river, dead men, cables and all. After they saw the uselessness of it all they quit one day saying "if the river wants the ranch it can have it." That night the Hassayampa came down bigger than at any time before and poured sand into the Gila so fast that the Gila could not carry it off and of a consequence it shoved the channel of the Gila clear to the other side of the river bed and away from the Buckeye ranch, and it never came back to cut on the ranch any more to this day.

Watch this paper for more flood stories in issues to follow.

chool 9:30 a.m. (Sund
orship 11:00 a.m.

CO
ERSBURG UNION
IDAY SCHOOL
g, Arizona
ard, Minister
Avenue
Arizona
ible School 6:30 p.m.
orship
7:30 p.m. (Sund

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and
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Kolb, Pastor
entre St.
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ing 11 a.m.
ing 7 p.m.

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Wilson Investment Co.

GENERAL INSURANCE

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Buckeye, Ariz

Buckeye Valley News

#35

BUCKEYE, MARICOPA COUNTY, ARIZONA

Thursday, January 13, 1966

No. 2

Gila River Flow Stopped For Needed Repairs



HIGHWAY department tore up the surface much of highway 80



JUST ONE gap in Highway 80 five miles south of Buckeye, cut by fast running Gila River overflow. The main channel

With the shutting off of Salt River flow Monday morning Buckeye Valley, West Gila Valley and Rainbow Valley are waiting for the rampaging Gila River flow to recede to the point where much needed repairs can be made (or need for repairs determined) to try and get conditions back somewhere near normal in these areas.

It is certain that extensive road rebuilding will be necessary on roads leading to Rainbow Valley. Damage to Highway 80 south of Buckeye has not been fully determined and it will probably be another week before highway department officials can assess full amount of the damage there and determine what steps to take to put it back in operation. The portions of the highway from which the water has receded show extensive road bed damage with one 20 yard gap in the highway showing and more expected to be uncovered. One highway department official said that "from what we can see so far we're fairly certain that we won't be faced with a repair job but a construction job which may take two to three months to complete." Highway 80 traffic has been re-routed around on old Highway 80, to Arlington, Gillespie dam and then back to new Highway 80 three miles north of the CosMo cafe.

Bill Flower, Buckeye manager of Arizona Public Service company, said that as soon as the receding Gila water permits their crews will replace a pole at Dean Road, another two miles east of Arlington School which carries both a high voltage line and a distribution line. On the Gila River bed on the new Highway 80 they have at least two poles to be straightened. The big transmission line to Rainbow Valley and Gila Bend fortunately withstood the flood. Flower reported that everybody in the area now has service who can use it. There was no extended outage of electric or gas service.

Monday at 6:30 p.m., water stood 52 feet deep behind Painted Rock dam. United States Corps of Army Engineers Caretaker Joshua Hett was maintaining a release rate of 1700 feet per second, a rate which was not quite keeping up with the running water. At that time, water was still coming over Gillespie dam two feet deep.

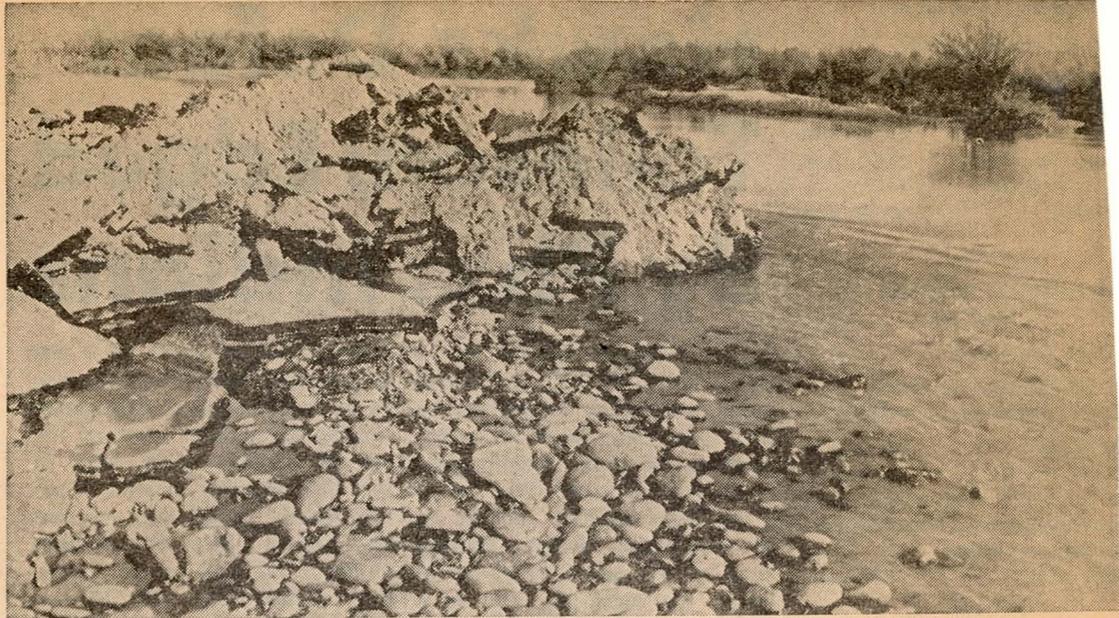
While Salt River Project was to stop releasing water at 6 p.m. in order to facilitate surveys and repairs, Hett pointed out that it would take a day or two for any appreciable change in the flow at the dam 17 miles downriver from Gila Bend.

As far as Hett knew Monday, there were no plans to store any of the water behind the dam, which was built solely as a flood control measure. Release will be slow, to protect Wellton-Mohawk and Yuma. Monday the water had reached only about three miles below the dam, with much of it being absorbed into the dry river bed.

With water probably due to keep arriving until April, if normal conditions hold for the next few months, excellent recreational facilities should be available in the Painted Rock area. Much game will be attracted — already ducks and geese have arrived in increased numbers.

The borrow pit below the dam, which usually has a good depth of water, should be "good into the following year", Hett said. At present it is only a deep spot in a wide expanse of water.

137



HIGHWAY department crews tore up the surface of this much of highway 80 north of

the Gila River bed five miles south of Buckeye to enable them to make repairs to the

roadbed, severely damaged by the river during the past 10 days.



JUST ONE gap in Highway 80 five miles south of Buckeye, cut by fast running Gila River overflow. The main channel

is a half mile south and damages there can't be determined until water recedes. In right background is Arizona

Public Service transmission line pole still doing its job in spite of its precarious angle. (Photo by The Fairchilds)

#36

1905 Gila River Flood Lasted Four Months

By I. H. Parkman
Historian for Buckeye and West
Gila Valley Old Settlers Union

As a continuation of last weeks article on Buckeye Floods 1905 the editor asked me to devote this weeks article to the same flood, as to size of river, width, depth and etc. When the flood started Jan. 1, 1905 the river was grown up in places with arrow weeds, battamoties (water moties) and some other small brush but not like it is today with salt cedar. There was an open channel at all places large enough to take care of any reasonable flow. Salt cedar never came until 1916 and after.

After a week or so of flood the river bed was swept clean of all trees and brush, far more so than it was in the 1891 flood, that was the granddaddy of all floods to the present time, but it never lasted as long as the 1905 flood and instead of running four or five months as the 1905 did it was only a matter of days until it was over. When the Gila was at it's height it was a mile or more wide, a solid sheet of madly rushing water. During the five and one half months it was in flood, the railroad bridge at Maricopa was washed out twice, of which I am certain, and maybe a third time of which I am not so certain. It was a piling bridge and they would replace it as soon as the water dropped sufficiently. I read at the time that the water had to get down to less than twelve feet deep before they could spot a pile and hold it in place to drive it. So with a 12 foot raise, it was still quite a river. The same railroad bridge at Tempe went out also during the flood and being a steel span bridge was not so easily repaired and all traffic between the south side and Phoenix had to be by boat.

One day I was standing on the river bank south of Palo Verde and saw something coming down the river that bobbed along like it might be a house, but when I got closer turned out to be the Arlington headgates, which had been so well built that they withstood the river until the pressure became so great that it picked them up bodily and intact and floated them down the river, bobbing like a cork.

The river cut off acre after acre of land all up and down the river to be carried on down to the gulf of California. My brother John was on the south side of the river staying at my house across from Arlington after I moved my family to the north side. With nothing to do but watch the river, he used to

go up to a spot east of Powers Butte where there was a flat covered with some of the biggest mesquite trees I ever saw. Once I cut 100 useable fence posts out of one tree. The flat was 14 or 15 feet above the river bed at low water. The river got to cutting into this bank and undermining these trees and John would stand and watch until the trees toppled over into the river and many times entirely out of sight to come to the surface far down the river on its way to the gulf.

The average fall per mile of the different rivers through the Valleys at that time were: Salt River 7 feet; Gila River 4 feet; Agua Fria 20 feet; and Hassayampa 25 feet.

I was told by an old prospector "I have seen every river of any consequence in western United States in my wanderings and the Hassayampa river runs faster than any river I ever saw with a smooth bottom. When up big I have seen waves on it five and six feet high, and the water running so fast that the top of the wave could not keep up and would fall over backward. I have seen this twice and never saw it anywhere else. Have seen seven or eight feet waves on the Gila but they never fell over backward."

Mr. and Mrs. Jo Brown, my brother-in-law and sister, were on the south side of the river and in March it looked like there was never going to be an end to the flood, so they decided to move to this side. By this time more good useable boats had been built and borrowing one, brother John and I moved them across, household goods, which were not many, and all. He had two Jersey cows, that presented the real problem, getting them across a river a half mile wide. They were halter broke to lead, so we loaded up the boat, and with John and Jo rowing sister Bettie and I led the cows into the water one on each side of the boat and holding their heads up on top of the boat brought them safely across. By angling the boat a little down stream all they had to do was to guide it and the fast flowing water did the rest.

I could go on and on telling about the river in that flood, but I believe you can, from this account, realize some of the magnitude of the Gila river.

Next week, a story about a river crossing while the flood was at its worst.



Bowling News

BUCKEYE VALLEY NEWS

Thursday, January 20, 1966

Buy, Sell, Trade
with a Classified Ad

A37

Flood Control District
of Maricopa County
3325 W. Durango
Phoenix, Arizona 85009

Buckeye Valley News

VOLUME 42

BUCKEYE, MARICOPA COUNTY, ARIZONA

Thursday, January 20, 1968

No. 3

Highway 80 May Be Open Soon

New Culverts, Repairs Expected To Be Finished by Friday



Highway 80 south of Buckeye may be passable this weekend — IF we don't get too much rain and — IF the Gila River continues to be shut off.

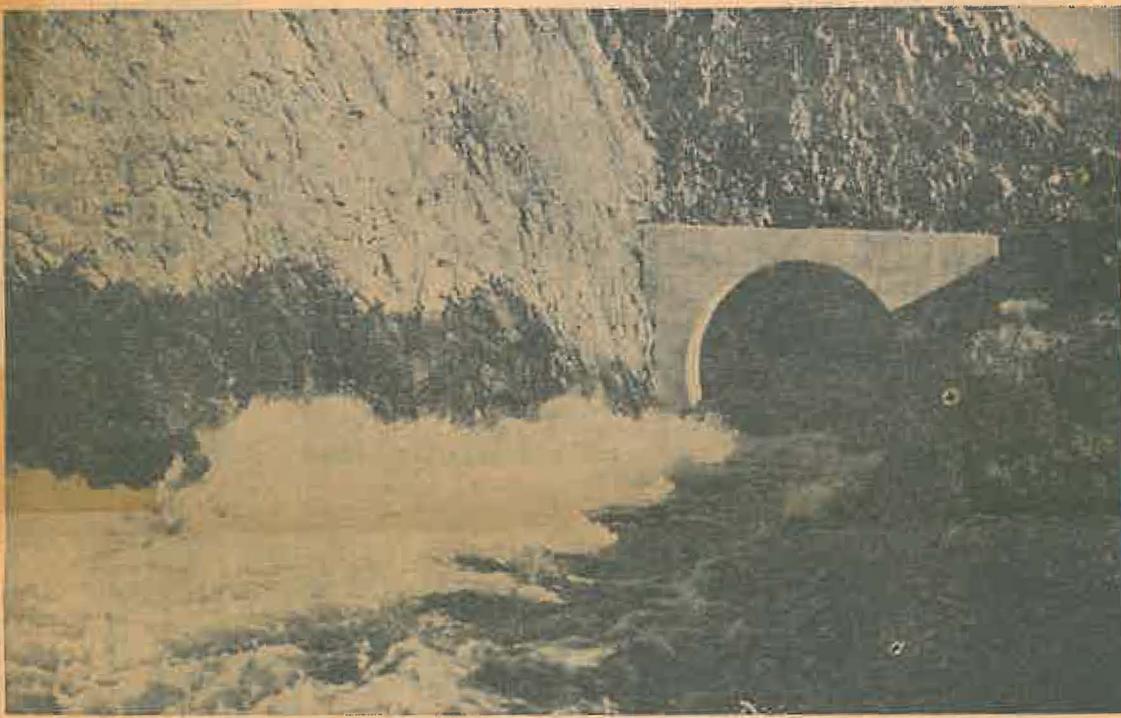
Fisher Construction Company of Phoenix has been working on the mile long damaged portion of the highway all week and are in hopes of having the road passable by this Friday or Saturday. By Monday six 80 foot long metal culverts (six feet in diameter) had been put in position in the main channel of flow of the Gila across the highway and covered with dirt. A smaller culvert span (48 inches in diameter) was installed about a half mile north of the main channel and a smaller break between the two culvert was merely filled.

While the culverts are being laid other portions of the Fisher crew are working on the roadbed itself. There is a 70 yard portion of the highway just south of the main Gila channel which is being rebuilt and a similar rebuilding job is in progress on another 80 yard portion of the highway a half mile north of the main channel.

Arizona Highway Department officials are optimistic about the improvement of the highway by the installation of the culverts. They pointed out that they will now have a steady outlet for Gila River water which should provide the answers to anything short of a major flood, in which event the whole road would go, along with a good portion of the valley.

THESE SIX 80 foot long metal culverts will provide a means for the Gila River to flow under Highway 80 four miles south of Buckeye. The culverts are six feet in diameter.

Photo by The Fairchilds



Painted Rock Water Makes Rapids as It Exits

FOAMING OUT at the funnel outlet of Painted Rock dam at the rate of 1790 cubic feet per second, water lashes itself into white fury as it goes down the channel toward the

river. By Monday evening it had reached the Dateland road 40 miles down stream, and was expected to cover it completely in the river bed. The rate of release, however,

was slow enough to make little visible difference in the level of the water held behind the dam.

Photo by Ann David

Bridge Slated; Channel Cut In Rainbow Valley

Maricopa County, farmers of Rainbow Valley and Buckeye business concerns, all got together during the past week and labored mightily to provide the Gila River passage across Jackrabbit Road in Rainbow Valley and to dig a river channel on each side of the road.

Beginning last Friday Rainbow Valley farmers, Buckeye business men and county equipment started cutting a mile long channel on each side of the Jackrabbit Road river crossing. First they diverted what water flow remains in the river bed from recent rains and then went in with their dozers and earth moving equipment to dig the channel, 200 feet wide. They hope to have this portion of their job completed by this Friday, when the Gila is due to run again with the opening of the Salt River.

Furnishing heavy equipment were: Youngker Farms, Clarence Moore, Hardesty Bros., Dixon Bros., Phil Ladra, Wallace Bales and Son, O. S. Stapley Co., Empire Tractor, and Maricopa County. Others contributing materials, men or money to the project were: L. D. McDonald of Shell Oil, D M Oil and Tire, Standard Oil Co., Chas. Godfrey, Western Cotton Co., Arizona Public Service, Stearns Pipe Co., Acme Gin Co., Willbur Ellis Co., Agro Chemical Co., Chickasha Co., R. B. Duncan and Son, Arizona Machinery, Petrolane Gas Co., Suburban Gas Co., Delmar Johns and Acme Gin.

On Monday morning a group of Rainbow Valley farmers and representatives of Buckeye Union High School, Liberty Elementary School and Buckeye

business men met with Maricopa County Supervisors to request a bridge across the Gila on Jackrabbit. Later that day District 3 Supervisor W. L. "Bill" Andrews, District 3 County Road Maintainer Dave Davenport and County Highway Engineer Sam Langford announced that the Board of Supervisors had approved installation of a 200 foot metal bridge 19 feet wide and that county crews would start Wednesday driving steel supports for the bridge. The deck of the bridge will be of the steel type used by army engineers and can be laid even after water starts flowing through the river bed again. A dry weather wider crossing will also be rebuilt on Jackrabbit for normal use and the two lane bridge will be used when the Gila overflows the crossing.

During the road outage BUHS and Liberty Elementary school bus drivers had to be flown into Rainbow Valley each morning and back in the afternoon to enable them to complete their detoured routes. One cotton farmer reported he had to truck his cotton from 600 acres 180 miles

(Continued on Back Page)

110 Boys Join Little League

The 1966 Little League basketball season is in "full swing" according to director Earl Edgar, who reports that 110 have joined the Little League program and 16 teams of boys are playing each Monday and Thursday night at the high school gym.

Rainbow Valley
(Continued from Page 1)
round trip to its destination. Even this patchwork transportation was made possible only through the courtesy of El Paso Natural Gas Co., which permitted the use of its private access road from Gillespie dam to Rainbow Valley.



A SMALL army of men and equipment from Rainbow Valley, Buckeye business concerns and Maricopa County

tackled the job of cutting a mile long channel for the Gila River on both sides of Jackrabbit Road in Rainbow

Valley so that once their new bridge has been completed the Valley will not lose touch with the outside world as it

did for some time after the January 1st Gila flood.

(Photo by The Fairchilds)

Army
#39

Garner - Ranchman

2-5-66

PAINTED ROCK DAM INUNDATES NEARLY 3,000 TAYLOR AND NARRAMORE ACRES

OFFICIALLY, the word is that damage to Maricopa County farms in the end-of-1965 flood down the Salt and Gila Rivers was slight or even trifling. But don't try to tell that to Keith Taylor Jr. Nor to Les Narramore, whose farm operation is also in the overflow basin behind Painted Rock Dam.

All that Taylor lost was 2,500 acres of grain sorghum. His wells are all under water, too. And not a cent of compensation coming.

The northwest corner of Narramore's place was inundated, 372 acres. Of that, 122 acres had just been plowed and was ready to furrow out for cotton. The other 160 acres was occupied by alfalfa. Narramore is not sure how much of the alfalfa was drowned out; some was under water only three or four days.

Although Narramore retains ownership of his property, the U. S. paid him for a flowage easement. He cannot claim damages.

The land that Taylor is — or was — farming is just back of the Painted Rock Dam, which is 20 miles northwest of Gila Bend. Former holders were bought out by the Army Engineers and leased to the State Game and Fish Department. Not ready for its planned development, the Department subleased most of the tract to Taylor. He took a calculated risk, which at the time probably didn't look like too much of a gamble. No flood like this one ever occurred before in midwinter.

For the very first time since its completion in 1959, the dam was of service in protecting Mohawk Valley, Dome Valley and South Gila, farther down the river. At the flood's peak, water stood 52-feet deep against the face of the dam. Detained water was approximately 20,000 acre-feet. This was much less than the basin's capacity of 200,000 feet, but it was enough to cause a lot of trouble to Taylor and considerable trouble to Narramore. Had the water risen only a little higher it would have reached portions of the land farmed by Ed Sisson and Ted Pearce, who are incorporated as S.&P. Farms Co.

Weather had prevented Taylor from making more than a 100-ton start on his sorghum crop. When he heard that a freshet was headed down the Gila, he marshaled a crew and spent the night moving pump motors. The motors were saved but the wells are still under water at this writing, marked by power poles sticking above the surface. How much the pumps and wells were damaged remains to be seen.

On Jan. 3 the dam operator

at Painted Rock, began to release water down the Gila, but at a rate too slow to suit Narramore, Sisson and Pearce. They assert that their easement contracts require the Corps of Engineers to release impounded water at a rate of from 2,500 to 5,000 cubic feet per second, but releases have been between 300 and 1,000 csf. They fear that this will not get rid of the 20,000 acre-feet before the predicted spring flood roars along and inflicts needless damage on their farms.

Application was made to the U. S. District Court for an order compelling the Engineer Corps to step up the release rate. Evidence was heard on Jan. 21 by Judge Walter E. Craig.

EDITORIAL

Flood Control Needed

On March 8th registered property owners of Maricopa County (who have resided in the county a year or more) will vote on a proposed \$22.7 million bond issue, proceeds of which would be used to finance Maricopa's share of a comprehensive countywide flood control program. This approval is required by the federal government before it can make available an additional \$93 million in flood control construction funds.

The Maricopa county funds (if the bond issue is approved) would be used for acquisition of necessary right of way, modification of certain existing roads and bridges, and maintenance of a network of flood control structures to be erected during the next 10 or 12 years by the U. S. Army Corps of Engineers and the Soil Conservation Service.

The federal funds would be used for construction of a complex of dikes, dams, channels, conduits, levees and seepage pits involving 29 specific projects located throughout Maricopa County.

Anyone in his right mind will grant the need for flood protection. The recent costly floods on the Salt, Verde and Gila Rivers cost the county, private individuals and utility companies millions of dollars. During the past forty years major floods were suffered in 1926, 1930, 1933, 1936, 1941, 1946, 1954, 1959, 1963 and 1965.

The big controversy has been over the U. S. Army Corps of Engineers' proposal of a 2,000 foot wide channel on the Salt River from 91st Avenue all the way to Gillespie Dam on the Gila River near Arlington. The Maricopa Flood Control District, in response to criticisms of fish and game enthusiasts, and keeping in mind their responsibility to keep the channel (whatever its size) clear after it is built, has flatly stated **IT WILL APPROVE NO CHANNEL WIDER THAN 500 FEET**. Such a channel, plus proposed Soil Conservation projects of levies, ditches and retarding structures, not only would give relief from flood damage, but would put to maximum use and conservation, the excess water.

The proposed projects in the west end of Maricopa County in addition to the 500 foot channel in the Gila River, would include:

HARQUAHALA VALLEY — Two retarding structures to hold water 5 to 10 days after heavy rains or runoff in the north end of the valley, to be released gradually into Centennial Wash, and thence into the Gila River just north of Arlington Feed yards. This project is still in the planning stage and would probably be three years away from construction.

BUCKEYE STRUCTURES — protecting an area from White Tanks west to Hassayampa, north of the Gila River. This project has been fully approved and funds appropriated for it in Washington and could be less than a year from construction. It would provide a diversion floodway or dike-enforced ditch with a levee to divert floodwater into small retarding structures (like dams) to be held for irrigation use and diversion into a larger retarding structure as the water level demanded.

BENDER AND SAND TANK STRUCTURE — Would do a similar job for the southwest portion of the county in the Gila Bend area.

These three projects, all Soil Conservation planned, are but a part of the county wide program involving 29 separate but related projects.

With the Army Corps of Engineers digging the river channels (500 feet wide), Soil Conservation projects diverting and conserving the precious water, and Maricopa County obtaining right of way and maintaining after construction we should have a near-perfect solution after the bonds are approved. The \$93 million in federal help is available because "flood control costs are still a problem of the federal government where major streams are concerned." The major streams are the Salt, Verde and Gila rivers.

No single group is equipped to solve our flood problems and do some water conserving at the same time. The three groups involved in the proposed program are, together, ideally suited for the job. You can get it started by voting for the \$22.7 million dollar bond issue March 8th.

#42 Buckeye News

SRP Orders River Flow Shut-Down

Water flowing into the Salt river channel below Granite Reef dam will be shut off Friday morning, Henry Shipley, SRP assistant general manager, announced at noon today. It will be several days before the flow in the Tempe area subsides, however, he forecast.

Non-arrival of forecast major rainstorms, and continued stable weather conditions in the up-river areas, were the reason for the decision to discontinue spilling water into the river channel, Shipley explained.

"Our flow from the Verde system will be cut off entirely, and only enough water to meet current water orders will be released from the Salt-Tonto system at Stewart Mountain dam," Shipley said, indicating that the plan probably would continue for about two weeks.

Another snow survey will be made during the next week to 10 days. Its findings, or a major change in upland weather conditions, might bring about a change in the water management plan on relatively short notice, Shipley warned.

1891 'Big' Flood Near Gila Bend

A STORY OF THE '91 FLOOD
By I. H. PARKMAN

This story was told the author by one of the parties who had a part in the story some years before he died and a former well-known citizen of Gila Bend, Connie Harrington.

Along about 1889 or 1890, two California gentlemen by the names of Barney and Deft located a homestead on the north side of the Gila River northwest of Gila Bend, in what afterwards became known as Citrus Valley. Being Californians, they had seen the citrus fruit industry growing by leaps and bounds in their home state and saw no reason why it should not flourish in Arizona. So they placed an order for a carload of citrus trees — oranges, lemons, etc. — with California nurserymen, for delivery over the Southern Pacific railroad to Gila Bend. In due time the trees arrived, a whole carload. Connie Harrington and Theron Dykes were hired with their wagons and teams to make delivery of the trees to the ranch. Connie loaded two wagons, with a six-horse team, and Theron had two wagons with four horses. They left Gila Bend on the morning of February 23, 1891 for the ranch of Barney and Deft and arrived there about two or three o'clock that afternoon, after crossing the river at the Bob Hyatt place.

As it had been raining off and on for a day or so the Gila River was rising slowly when they crossed it about noon and they hurried their unloading so they could get back to the south side before it got dark and before the river got too deep for fording. When they arrived back at the Hyatt place the river was already too high to ford so there was nothing to do but unhook their teams and camp for the night.

This done, and getting their supper over a campfire they unrolled their beds in the empty wagons and settled down for the night. About midnight Connie awoke and heard water gurgling around the wagon. On looking, he saw it was almost up to the wagon bed. He quickly awoke Theron and they decided they had best swim the horses to safety.

The Hyatt house sat on a little elevation with a depression north of the house between it and the mesa. The water had not got up to the house yet. So Connie and Theron herded their ten horses toward the mesa and across the stream of almost ice-cold water. Each man grabbing a horse by the tail swam with them to the mesa and dry land some hundred yards away.

After making sure that all the horses were out and safe they decided they had better go back to the house and see about the Hyatts, man and wife. Going up the stream a short distance they found a dry log and placing it in the water they steered it back across to the little island on which the house sat. After a consultation, Connie took the wagon box off his trail wagon. Using it for a boat, they put Mrs. Hyatt in it and the three men piloted it across the stream to the dry land.

Before the flood was over it had swept away everything loose. After the flood, there was nothing left but the house

standing and their wagons, which they had chained to a large mesquite tree. When daylight came their troubles were not over. They and their horses were safe but they had no food. So they went up the river to a ditch camp where Dan Noonan had a crew of Indians building the canal that was to irrigate the Barney and Deft place and other lands adjacent. But they had no luck, the ditch crew was about out of grub. There was nothing to do but eat rabbits, and there were plenty of cottontails. Hyatt's dog had swum out with them and so with him and rocks they were able to keep in rabbit meat for a week or more. It was about 10 days before they were able to cross the river and get home.

After the river had gotten back within its bounds the Hyatts and Connie and Theron decided they would try and cross to the Gila Bend side and go home. Fixing up the old wagon box into better shape for a boat, they put Mrs. Hyatt into it and Mr. Hyatt piloted it across the river. The other two men went up the river a mile or so, got a large dry cottonwood log and set it afloat. Clinging to this they managed to steer it to the south side and home. As the hills were covered with grass they left their horses on the north side until the river got back to normal.

After the flood was past the proposition of making a citrus farm of the Barney and Deft homestead was given up and the two gentlemen, as far as it is known, returned to California. They at least had done a service for the locality, for they gave it the name, "Citrus Valley," and it has been known as such ever since.

Several years later an attempt was made to reclaim and farm the valley but this, too, fell through and it lay desert until a few years ago a bunch of Buckeye men went down there and put in irrigation wells and pumps and now it is a thriving cotton-producing area.

#43



HIGHWAY 80 COVERED AGAIN

200 YARDS of water covers the Highway 80 Gila River crossing four miles south of

Buckeye Tuesday and water from the Granite Reef has not reached here yet. This is

just ordinary rainfall.

(Photo by The Fairchilds)

Buckeye Valley News 2-17-66

ye

#44

Annual Maricopa County Road Improvement To Be Topic of FB Meeting Monday Night

Monday evening, February 21, at the Buckeye Valley Farm Bureau meeting the Buckeye farmers who are members will have an opportunity to express their desires in the annual Maricopa County road improvement program.

Each year farm bureaus throughout Maricopa County are asked by the Board of Supervisors

Buckeye Valley News 2-17-66
to list three roads in their respective area which they feel should have top priority in construction and repair. In the past almost 100 percent of the Buckeye Farm Bureau's requests have been granted.

Buckeye FB president Ken Wood urges all FB members to check the areas in which they live and the road they use for "farm to market" travel and offer their suggestions for improvements at the meeting Monday night.

A pot luck dinner at 7 p.m. will precede the meeting. Members and friends are asked to bring a covered dish and table service for their family. Drinks, bread, etc., will be provided by the Farm Bureau.

GILA DRAIN AREA



Tempe Drain Ditch No. 1, south of Western Canal
7/8/66

141



Western Canal at Canal Drive. Showing spillway
into Tempe Drain Ditch No. 1 on south bank
7/8/66

GILA DRAIN AREA



Gila Drain at north end of Indian Reservation
7/8/66

142



Culvert on Interstate 10, Gila Drain on Indian
Reservation

7/8/66

GILA DRAIN AREA



Extension Canal looking North from a point about
 $\frac{1}{2}$ mile south of Southern Avenue
7/8/66

143



Extension Canal looking South from a point about
 $\frac{1}{2}$ mile south of Southern Avenue
7/8/66

GILA DRAIN AREA



Tempe Drain Ditch No. 1 south of Warner Road
7/8/66

144



Tempe Drain Ditch No. 1 Ditch turns west $\frac{1}{2}$ mile
south of Warner Road--looking west
7/8/66

GILA DRAIN AREA



Tempe Drain Ditch No. 1 at Ray Road
7/8/66

149



Tempe Drain Ditch No. 1 $\frac{1}{2}$ mile south of Williams
Field Road

7/8/66

GILA DRAIN AREA



Culvert on Tempe Drain Ditch No. 1, just south
of Western Canal

7/8/66

146



Culvert on Tempe Drain Ditch No. 1, near Elliott
Road

7/8/66



Culvert on Tempe Drain Ditch No. 1, near Elliott Road

7/8/66

147



Culvert on Tempe Drain Ditch No. 1, near Warner Road

7/8/66

GILA DRAIN AREA



Gila Drain about 1 mile west of Maricopa Road
7/8/66

146



Gila Drain south of Lone Butte
7/8/66

GILA DRAIN AREA



Extension Canal looking West along Baseline Road.
High lined ditch is canal, low ditch is waste
water and pump water that goes to Tempe Canal.

7/8/66

144



Western Canal looking east from Extension Road

7/8/66

GILA DRAIN AREA



Western Canal looking west from Extension Road
7/8/66

150



Western Canal at Alma School Road
7/8/66

GILA DRAIN AREA



Western Canal looking West from Dobson Road
7/8/66

151



Gates in Western Canal at Dobson Road
7/8/66

GILA DRAIN AREA



Western Canal looking West from Tempe Canal
7/8/66

152



Tempe Canal North of Western Canal
7/8/66



Gates in Tempe Canal, North side of Western Canal
7/8/66

153



Canal alongside Price Road, south of Western Canal
7/8/66