

NEWSPAPER & MAGAZINE ARTICLES

STORMS

007.114

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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

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11	December 16, 1955	New Storm Brings State More Rain	x Moisture-filled Clouds, More Rain, Arizona, Heavy Snow, Higher Elevations, Rain, Gila Bend Area, Cold Wave, North Phoenix, Deer Valley, North Mesa, Williams, Flagstaff, Grand Canyon, Maverick, McNary, Show Low, South Mesa, Sky Harbor, Mogollon Rim, Coconino Plateau, Globe Miami, Clifton, Safford, Weather Bureau, 34th Avenue and Montecito, Arizona Highway Patrol
3	April 17, 1958	Thunderstorms Bring Rain, Hail in State - .67 Inch Noted at Phoenix	x Thunderstorms Cracked, Arizona, .71 Inch of Rain, Hail, Bisbee, Drenching, Phoenix, .67 Inch of Rain, Sudden Storm, Gulf of California, New Mexico, Prescott, Gila Bend, Tucson, Phoenix Sky Harbor, Mummy Mountain, Sunshine, Fort Lowell Ruins, Valley, Salt River Project Canal Structures, Roads, Flooded, Water Users, No Canal Breaks, Gusty Winds, Lightning, Douglas, Fort Huachuca, Payson, Show Low, Sunnyslope Ford, Seventh Avenue, Arizona Canal, Draining, Off Mountains
4	October 31, 1959	State Mops Up Water - Big Storm Cuts Wide, Wet Path	x Arizona National Guardsmen, Mopping-up, Storm, Damage, Lieutenant James L. McMeekin, Cavecreek Area, Floodwaters Receded, Record Peaks, Sheriff's Capt. Robert Heck, Vehicles Recovers, Flood Waters, Glendale, Phoenix, Water Smashed from Mountainsides, Property Damage, Rangelands, Forests, Saturated, Reservoirs Filled, Groundwater, Reserves, Built Up, New River, McDowell, Bradshaw Mountains, Arizona Canal, Scottsdale, Evacuated, Canal at Indian Bend, Excess Water, Apache and Navajo Counties, Subfreezing Weather, Arizona Highway Patrol, Rockslides, Heavy Snow, Travel Hazardous, Heavy Rockslides, Beeline Highway, Phoenix and Payson, High Water, Washouts, Icy Pavements, Sleet, Payson Storm Total 5.96 Inches, Mogollon Rim, Roosevelt, Pinal Ranch, Payson Ranger Station Excess of 4 Inches, Mount Lemmon 8 Inches of Snow, Scattered Showers, Kingman, Hualapai Mountains, Superior, Superior-Globe-Miami, Mineral Creek, Ray, Flood Stage, Magma, McNary, Willcox, Heavy Damage, Crops, Salt River Valley, Aguilla
5	October 31, 1959	Old Man Salt River On and On - Pit Fills; Road Crumbles - Pictures	x Heavy Storms, Salt River, Scottsdale Road, Transmission Road, Under Water, Flooding, 56th Street, Sand and Gravel Plant, Storm Damage, Roads, Maricopa County, Country Club Drive, Mesa
6	December 27, 1959	No Water Needed - Pictures	x Water, Arizona, Holiday Rain, Swelled Streams, Flooded, Washed, River Beds, Road Damage, Traffic Tieups, Aerial Photo, Millie Nobles, Salt River, Phoenix, 19th Avenue, Central Avenue Bridge, Tempe Bridges, Copper Bowl Game, Arizona State University, Van Buren, Nyle Leatham, Al Cirou, Jack Karie, Sycamore Creek Bridge, Payson, Maricopa County Jeep Posse, Bob Hinds, Bob Flowers, 48th Street
1	July 21, 1961	When the Hassayampa was Dammed.. And Dammed - Water for Mining and Agriculture Turns Into Instrument of Tragedy	x The Finished Dam, After the Flood, 1888, 1889, 1890, Wickenburg, Prescott, Hassayampa River, Placer Mining, Water, Irrigation, Lake, Walnut Grove Dam, H.S. Van Buren, Walnut Grove Water Storage Company, Built Dam, Water Supply, Hydraulic Mining, Weaver Area, Granite Cliffs, Mrs. Nel Cooper, Tributaries, Wooden Flumes, White Mine, Jim Goodwin Ranch, Desert Caballeros Camp, Joe Wittman Sr., Wittmann Area, Extra "n", Second Dam, Catch Runoff, 1889-1890, Unusually Large Amount of Snowfall, Bradshaw Mountains, February 1890, Warm and Heavy Rain, Raging Torrents, Rushing Water, Gates, Dry Lumber, Swelled, Big Trees, Roots, Blast, Debris Jam, Tremendous Pressure, Horseback, Warn, People Laughed, Boulder Pat's Saloon, John and Frank Goodwin, Between Two Dams, Drowned Failure in Drink, Drunk, Couldn't Continue, James A. Cameron, William Akard, Peebles Valley, Minnehaha Flats, Wades Butte Trail, Cottonwood Creek, February 22, Dam Crumbles, Phosphorescent Glow, Reached Buckeye Canal, Gila, Mr. and Mrs. L.D. Haines, Phoenix, E.G. Wheeler, Bob Brawl, Safe, Gold, Deputy City Treasurer Fleshman, Smith Mills, Ed Scarborough, Seymore, Old Mother Conger, Chinese Mary, Congress, Ygnacio Garcia, Garcia Cemetery, Wickenburg Elementary School, At. Anthony's Catholic Church, Bones of Victims, Sand, Skeleton, John Silsbee, Box Canyon, 84 Persons, Lost Lives, 1925 -1930, William A. Farrish, Rebuild Walnut Grove Dam, Not Practical,
14	August 17, 1963	More About State Storms	x Grand Avenue, Flooded, Strong Winds, Rainfall, Scottsdale, William J. Hodges, Flooded Roads, Ben Adair, Apache Junction, Valley, Prescott, Globe, Lightning, Rev. Eugene Virt, Yavapai County , Biggest Creeks Grantis and Willow, Running Fullest, Sheriff G.A. Ayars, Prescott Airport, Storm, Miller Valley, Iron Springs, Tonto National Forest, Forest Fire Chief J.J. Baldwin, San Manuel, Tucson, Weather Bureau, Arizona 77, Flooded and Impassable, Winkleman, Phoenix

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16	August 18, 1963	1 Killed, 5 Inches of Rain	x Valley, Knee-Deep Water, Worst Floods, Rampaging Rain, 100 Homes Flooded, West Phoenix, Families Evacuated, Downtown Glendale, Soaked, Streets and Highways Flooded, Crumbling, Electrocutted, Thunderstorms, Gulf of Mexico, An Inch of Rain an Hour, Unofficial Rain Gauge, 5 Inches Rain, Grand Canal, Maryvale Area, Trapped Water, Surged Over, 71st Avenue, Canal Called Sunset Knolls, Water Reached Door handles, John F. Long Spokesman, City Police, Rescue Units, Red Cross, Sheriff's Capt. Robert Heck, 67th Avenue and Indian School, Salvation Army, Mike Leija Electrocutted, 59th Avenue and Grand, Lightning, 59th Avenue Morton, Water to Steering Wheel
2	August 19, 1963	Westside Residents Clean Up in Wake of Flood - Pictures	x Drying-out, Mr. and Mrs. John Trasher, Clean-up, Mr. and Mrs. Paul Yocham, On Roof, Barbara Weese, High Water, Overflow from Canal, Rain-swollen, Grand Canal, North 64th Avenue, Indian School Road, Mop-up, Aftermath, Northwest Phoenix and Glendale, Heavy Rains, Inundated, Homes
15	August 21, 1963	When Floods Pour In	x Arizona, Storms, Flood Danger, Phoenix, Widespread Flood Damage, Strong Liability, Incurred, Obstructs Natural Drainage Ways, State Legislation, Fully Adequate Drainage, Wash, Natural Drainage Way, Salt River Valley Terrain, Flooding, Cloud Burst, Artificial Flood Control Measures, Natural Slopes, Divert Flood Waters, Liability
30	December 28, 1963	Herrick Views Westside Flood Losses	x Maricopa County Manager Joe Herrick, Flood-damage Areas, New and Agua Fria Rivers, Sam Lanford, County Engineer
10	December 11, 1965	Eastern Area is Flooded	x Fording, Apache Trail, Flood Waters, Traffic Problems, Mesa, Higley Rd. and Power Rd., Nearly Submerged, Bush Highway, Phoenix, Homes, Trailers, Motels, Highway Business Firms, Coffee-brown Desert and Mountain Flood Waters, Col. John C. Lowry, Chief Engineer and General Manager, Maricopa County Flood Control District, Floodwaters Subside, Damage, Road Barricade, Saguaro Lake, Hi Jolly Date Farm, Max Skolnick
12	December 11, 1965	Rainfall Total is Over One-inch Mark Locally	x Water, Running, Salt River Crossing, Country Club Drive, Mesa, McClintock-Hayden Crossing, Heavy Storm, Valley, Tempe Area, O.L. Barnes Home, Weather Observation Station, 1104 Ash Avenue, 1.16 Inches, University of Arizona Citrus Station, Mesa-Tempe Highway, University of Arizona Experimental Farm, Sky harbor Airport, U.S. Chamber of Commerce
17	December 18, 1965	More About - Rain Due Again	x Mud Avenue, Chuckholes, Hazard, Dirty Splashes, Maverick, Nogales, Wickenburg, Globe, Coolidge, Tucson, Yuma, Phoenix, Rain, Salt River Project, Runoff, Watershed, Saguaro Lake, Salt River Bed, Water Stored, Roosevelt, Apache, Canyon, Horseshoe, Bartlett, Snowstorm, New Mexico, Grants, N.M., Weather Bureau, Rockies, Cascades, Appalachians, Great Lakes, Florida, Lettuce Crop, Damage, Enduring Rain, W. Glendale Avenue, Mormon Flat Dam, Canyon Lake, Salt River Project
18	December 18, 1965	Many Agencies Join to Help Idled Farm Workers	x Welfare Agencies, Phoenix Churches, American Red Cross, Salvation Army, Maricopa County Farm Laborers, Prolonged Rains, State Welfare Commissioner John O. Graham, Tolleson, Buckeye, Avondale, George Crane Maricopa County Welfare Director, Supplies, Emergency Cases, Surplus Food, Peoria Women's Club, Dysart Center, El Mirage, Capt. David Reilly, Mrs. Ethel Martin, Phoenix, Lee Krebs, Arizona National Guard, Arizona Migrant and Indian Ministry, Central Methodist Church, Mustang Car Club, Maryvale, Christown, Park Central
19	December 18, 1965	Toast to the Valley: 'Mud in Your Eye'	x Mud, Valley of the Sun, Phoenix, Liquid Dirt, Muddy, Constant Rain, Streets, Crumbled, Caved, Chuckholes, Construction Workers, Heavy Equipment, Light Drizzle, Storm Sewer, Van Buren and 24th Street, N. Seventh Street, James A. Stokely, Phoenix Street and Sanitation Supervisor, Repair, Worst Damage, Street Maintenance, Unpicked Cotton, Lettuce Fields, Irrigation Furrows, Ninth Avenue and Pima, South Phoenix
20	December 22, 1965	New Storm Moves Into Arizona - Storm Disrupts Lines to Phoenix	x Gutter Flooded, Downpour, Manhole, Full of Water, MacArthur Drive, Tempe, Telephone Disruption, Mountain States Telephone and Telegraph Co., Mesa, Chandler, Globe, Higley, Superstition Area, Phoenix, Scottsdale, Disrupted, Damage, Trunk Line, Mesa Lutheran Hospital
21	December 23, 1965	Flood Threat Along Gila - Reservoirs Bringing Over - Too Much Water Below Roosevelt Dam Creates Flood Problem for Valley From Lower Lakes	x Lake ASU, Rains, Storm, Arizona State University, New Rains, Chuckholes, Reservoir Storage Problem, Salt River Valley, Salt River Project, Stewart Mountain Dam, Saguaro Lake, Spillage, 48th Street, Swelled, Runoff, River, Below Reservoirs, Granite Reef Diversion Dam, Regulates Water Flow, Canal System, U.S. Soil Conservation Service, Spring Runoff, Water Storage, 1941, Salt River Reservoirs Overflowed, Richard L. Enz, Snow Survey Supervisor, Apache Canyon, Roosevelt, Phoenix
13	December 24, 1965	Salt River Trapped Pickup - Picture	x Herbert Tidwell, Salt River, Trapped, Pickup, River Bed, Seventh Avenue

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22	December 24, 1965	Wet, Muddy Grounds Hurt Agricultural Areas in State - Cattlemen Pleased With Rain	x Muddy Ground, Agricultural Areas, Immeasurable Damage, Cattle Growers, Drenching, Rain, Bill Davis, Arizona Cattle Growers Association, Phoenix, Overdue Planting, Concern, Spring Crop, Dr. Ivan Shields, Maricopa County Agent, Alfalfa Growth, Winter-grazing Sheep, Deep Mud, Water Accumulation, Salt River Bed, Wade Lacy, Desert Growth, Runoff
23	December 24, 1965	High Waters Bring Crossing Woes - Rivers Flood Countryside	x Water, Mr. Mrs. John L. Mack, Salt River, James King, Ray Hamilton, Safford, Raw Sewage, Running Into Rivers, Tucson, Pima County Sanitary District No. 1, Federal and State Aid, Kenneth Scharman, Rillito, Sewer Interceptor Line, Sewage, Gila River, Seep, Wells, Boil Water, Harold Gates, Civil Defense Chief, Graham County, Gila Valley, Safe, Thatcher, Fort Thomas, Gila and San Francisco Rivers, Coolidge Dam, San Carols Reservoir, Weather Bureau, Cliff, N.M., Arizona Boarder, Above Flood Stage, Clifton, Sandbagging, Duncan, Crested, Dike Building, Little Hollywood, Evacuate Residents, Flooding, Coronado National Forest, San Pedro River, Aravaipa Creek, Winkleman, Kelvin and Kearny, San Tan Area, Sacaton Community Center, Gila River Indian Reservation, Wrecked, Two River Bridges, Trailer Park, Eloy, Dike Broke, Green Reservoir, Friendly Corner, Chuichu, Casa Grande, Nogales, Stanfield, Pinal County, Maricopa and Kyrene, Baseline, Floodwaters, Maricopa County, Apache Trail, Tortilla Flat, Cave Creek Road, Bell, Phoenix, Glendale Avenue, U.S. 80, Agua Fria River Bridge, N. Country Club Drive, Mesa, Salt River, Hayden and Scottsdale Roads, Tempe Bridge, 48th and 40th Streets, 24th and 16th Streets, Seventh Street, Avondale, Agua Fria River, Bruce Redondo, Phoenix-Tempe Highway, Arizona State University, River Bed, Sun Devil Stadium
24	December 24, 1965	Families on the Flooding Santa Cruz Evacuated for Inundated Areas	x Casa Grande, Santa Cruz River, Stanfield, Marana, Evacuated, Floodwaters, Rampaging Gila, Sacaton, San Tan Area, Pinal County Farmland, Inundated, Mayor Paul Pearce, Ely, Green Reservoir, Dike Broke, Jim Savage, Bill Warren, Tom Wimoth, Wooten-Casey Farm, Al Hammond, Pinal County, Chuichu, Papago Indian Reservation, Ed Pederson, National Guard Unit
25	December 24, 1965	Raging Rillito Tops \$1 Million Toll	x Tucson, Rillito Creek, Tiger of a River, Wrecking, Two Major Bridges, Mobil Homes, Sewer System, Flowing Wells District, Pima County Sanitary District No. 1, State, Federal, Disaster, Relief, Raw Sewage, Flood, Rain, Hail, Snow, Santa Cruz, Gila River, Pinal County, N. First Avenue and Campbell, Oracle Road and Dodge Boulevard, U.S. Geological Survey, Groundwater Branch, Washed Away, Gauging Station, Tributary Tanque Verde Wash, Sabino Creek, USGS, Kenneth Scharman, Country Club Boulevard, Kenneth Scharman, Dr. Frederick Brady, Rep. Morris K. Udall, Mt. Lemmon, Windy Point, Landslide, Kitt Peak, National Observatory, Washout, Torrent Runoff, Arizona 77, Winkleman and Mammoth, Aravaipa Creek, Papago Officials, Rain Filled Desert Washes, Marana
26	December 24, 1965	State Rivers on Rampage - Families Evacuated from Low Areas - Storms Move Out of Arizona	x Widespread Flooding, Rivers, Rampaging, Tucson, Sewage System, Evacuation, Civil Defense Officials, Graham and Pinal Counties, Threatened, Floods, U.S. Weather Bureau, Phoenix, Storms, 2 Inches Rain, Mountain Snow, Downpours, Melting Snow, Salt River Project, San Carlos Irrigation District, Extensive Flooding, Freezing, Slow Runoff, Frost, Salt River Valley, Flood Map, Heavy Rains, Arizona, Salt River, Gila, San Pedro, Santa Cruz, Verde
27	December 24, 1965	4 Dams on Salt River Near Capacity - Continued Record-Breaking, Runoff Into Roosevelt Lake Threatens to Send water Over Reservoirs Spillways	x Record-breaking, Runoff, Roosevelt Lake, Threatened, Water, Dam Spillways, Salt River, Phoenix, Spillway Gates, Rod J. McMullin, Roosevelt Dam, Apache, Canyon, Saguaro, Granite Reef Diversion Dam, Broke 1941 Record, Record-keeping, Began 1913, Rufua Musgrove, U.S. Geological Survey, Verde River, Salt River Project System, Upper Verde, Horseshoe Lake, Bartlett, Lake Pleasant, Beardsley Project, Lake Pleasant or Roosevelt, Overflowed April 1941, Valley, Storm
28	December 24, 1965	Floods Recede in State	x Floodwaters, Receded, Arizona, Overflowing Reservoirs, Tucson, Santa Cruz, Upper Gila River, Salt River Valley, Salt River Project, Granite Reef Dam, Phoenix Street Department, Closed, 48th, 40th, and 24th Streets, Seventh and 19th Avenues, Maricopa County Sheriff's Office, Glendale Avenue, Grand Avenue, U.S. 80, Agua Fria River Bridge, Apache Trail, Tortilla Flat, Bell and Greenway Roads, Ellsworth Road, Williams Filed Road, Country Club Drive, Mesa, Salt River, Hayden and Scottsdale Roads, River Bottom, U.S. 60-70-80-89-93, Tempe Bridge, 35th 51st, 67th, 75th, 83rd, and 91st Avenues, Baseline Road, Hassayampa Road, Old U.S. 80

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29	December 24, 1965	More About - Floods Recede	x Muddy Detour, Riverside Terrace, Superior, Gila River, Jackrabbit Road, Buckeye Area, Mogollon Rim, Northern Arizona, Olberg Bridge, Arizona 87, Last Chance, Coolidge, U.S. 666, Clifton, Arizona 188, Roosevelt Lake, Tucson, Ripped Sewer Line, Rillito Creek, Bridges, Damaged, Storm, Kelvin, Near Ray, Lyle Eaton, Eloy, Marana, Gov. Goddard, Federal Aid, Flood Danger Over, Melt Snow, Runoff, Salt River Project, Roosevelt Dam, Salt River and Tonto Creek, lee Athmer, Apache Lake, Canyon Lake, Saguaro, Granite Reef, Phoenix, 35th Avenue, Underground, Recharge Wells, Verde, Horseshoe Reservoir, Bartlett
62	December 29, 1965	More Rain, Snow Slated for Arizona	x Rain, Snow, Arizona, U.S. Weather Bureau, Showers, Precipitation, Maverick, Yuma, Phoenix, Tucson, Flagstaff, Ft. Huachuca, Gila Bend, Prescott, Douglas, Winslow
32	December 30, 1965	It's Water, Water, Everywhere Around - N. Mesa Homes Emptied (& Pictures)	x Scottsdale Road, Flooding Downstream, Mesa, Aerial View, Scottsdale Road, N. Country Club Drive, Salt River, Flood Barricades, City Dumping Grounds, N. Center Street, Mesa Armory, Larry Ward, Paul Munger, Concrete Culverts, Damaging Floods, History, Salt River Valley, Tempe, Water Release, Salt River Project Dams, SRP, Crest, Floodwaters, Water Flow, Salt River and Verde River, Mesa Armory, Arizona National Guardsmen, Sheriff's Deputies, Red Cross
33	December 30, 1965	Flood	x Clean Up, Salt River, Tempe Bridge, Mud, Silt, Highway Department, Road Passable, Salt River Project, Run-off, Four Reservoirs, Gates, Bartlett Dam, Spillway Gates, Roosevelt Dam, Verde, Horse Mesa and Bartlett Reservoirs, Record-breaking Level, 53-year History, Salt and Tonto Creek, Previous Record, 1941, Granite Reef Dam
40	December 30, 1965	Reservoirs Full - Spillways Open, Rivers Run Again	x More Water, Flowing, Salt River, Tempe Area, Renewed Flooding, Hayden and Scottsdale Roads, Mill Avenue, Gates, Bartlett Dam, Salt River Project, SRP General Manager Rod J. McMullen, Spillway Gates, Released, Needle Valve, Runoff, Granite Reef Diversion Dam, Tempe Bridge, Country Club Drive Crossing, Mesa, Verde River, Horseshoe, Verde System Reservoirs
41	December 30, 1965	Swift Weather Changes Being Forecast Here	x Weather, Sky harbor Weatherman, Cloudiness, Breezy
42	December 30, 1965	Salt Did Flood (1905 Picture)	x Tempe Butte, Apr. 12, 1905, "Big One", 1905, Property of Henry A. Salcido, 1720 Circle Drive, Maricopa and Phoenix Railroad Bridge, Santa Fe Bridge, Flood Collapsed, First Highway Bridge, Present Four-lane Mid-1930s
88	December 30, 1965	New Storm Threatens Flooding in Valley	x Watersheds, Salt and Verde Rivers, Saturated, Pacific Coast, Arizona, Floodwaters, Granite Reef Dam, Sycamore Creek, Stewart Mountain Dam, Flood, Salt River, Phoenix, Salt River Project, Bartlett Dam, Gates, Water Released, Reservoirs, Full, 1952, Similar Conditions, U.S. Weather Bureau, Flagstaff, Grand Canyon, McNary, Maverick, Flood Years 1884, 1891, 1905, 1916, 1920, 1938, 1941, No Reliable Estimate for 1884 Flood, Took Out Diversion Dams, Flooding Phoenix, 1891 Flood, No Dams, Hold Back Flood, Building Roosevelt Dam 1905, Roosevelt Full 1916, Granite Reef, Verde River, Central Avenue Bridge, Horseshoe Dam, Roosevelt Lake, 1951 Near Empty
89	December 30, 1965	Rare Photos on Display	x Roosevelt Dam, Historical Display, Mrs. George V. Smith, Frank Huffer, Building of, Collection, Rare Photographs, Arizona History Room, First National Bank of Arizona, Old Town Roosevelt, Covered, Water, Dam Filled, Stonemasons, Italy, Hand-cut, Louis C. Hill, Crew, Lived, Worded, Isolation Eight Years
31	December 31, 1965	Guardsmen Armed to Prevent Looting (& Pictures)	x Salt River Bed, Flows, Bank-to-bank, Tempe Bridge, Salt River Project, Reservoirs, Neared Capacity, Phoenix, Tempe, Mesa, Riverbed Highway Crossing, Country Club Barricaded, Torrents, Concrete Culverts, Center Street, Allied Concrete and Materials Co., Concrete Foundation, National Guardsman, Assist, Looting, Vacated Homes, Central Avenue, Gov. Sam Goddard, carl Pastorino, Drowned, Gary Hart, Rescued, Luke Air Force Base, Granite Reef Dam, Scottsdale, Power, Arizona Public Service Co., U.S. Bureau of Reclamation, A.B. West, Salt and Verde Rivers, Salt River valley, Roosevelt Lake, Spilling, 1941, Heavy Runoff, Reservoirs, Six-lake Chain, Businesses, Homes, Built, Riverbed, Lake Pleasant

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34	December 31, 1965	More About - Dam Spills First Time Since '41	x Sewage Ponds, Sewage Pipeline, 19th Avenue, Salt River Bed, Soggy, SRP Watershed, Mogollon Rim, Rains, White Mountains, Tonto Creek Fish Hatchery, Show Low, Payson, Maverick, Superior, Heber, McNary, Roosevelt Lake, Roosevelt Dam, Weather Bureau, Light Showers, Salt River, Sheriff's Office, County Club Drive, McKellips, Mesa, Tempe Police, Flooding, Phoenix, Fred Glendening, Public Works Director, Mayor Graham, Central Avenue Bridge, Col. Lowry, Sky Harbor Airport, Water Spilled From, 1941, Peaked, Granite Reef Dam, Gila River, Safford, San Francisco and Gila Rivers, Greenlee County, Sheriff Forrest Wilkerson, Clifton, Inundated, Gauge, Cliff, N.M., Arizona-New Mexico Border, Flood Stage, Southern Arizona, Upper Lake Pleasant, Agua Fria River, Avondale, Heavy Rains, Flagstaff, Prescott, Juniper Resort, Oak Creek Canyon, Sedona, Evacuated, Hard Castle Cottages, Oak Creeks Cliff Subdivision, Cottonwood Wash, Snowflake, Arizona 277, Heber, Closed, Arizona 160, Apache Junction, Arizona 188, Arizona 187
35	December 31, 1965	Salt River Project Puts Dams to Work	x Salt River Project Dams, Salt and Verde Rivers, Salt River Valley, Flooded, Salt River, Phoenix, Flood of 1938, Water Stored, City of Phoenix, Phelps Dodge Corp., Buckeye Irrigation District, Roosevelt Irrigation District, Indians, Ft. McDowell and Salt River Reservations, Reservoirs, Water Bank, Hold Back Flood, Bartlett and Horseshoe Dams, Verde River, Flow, Watercourse, Releases, Gates Raised, Roosevelt Dam, G.W. Brandow, Flood's Peak, Damage
36	December 31, 1965	More About - Flood Threatens Snowflake	x Higher Ground, Curry Jones, Floodwaters, Receding, Snowflake, Built Dike, LaVon Turley, Cottonwood Wash, 1951, Mayor Roy Anderson, Flooded Wash, Snowflake Paper Mill, Holbrook
37	December 31, 1965	Flood Strikes	x Evacuating, Sirens, Approaching Waters, Care Stations, Red Cross, Faith Nursing Home, Maricopa Freeway, 24th Street, Closed, Paving Collapsed, Lowlands, Water, Flood, Tempe, Water Swirled, Riverbed, Scottsdale Road, Power Outages, Crossings Closed, Tempe Bridge, Salt River Project, Runoff, Roosevelt Lake, Apache, Canyon, Sahuaro, Bartlett Dam, Verde Salt, Twice the Recorded in 1941, Granite Reef, Greater River Flow, Pastorino, Hart, Granite Reef Dam, Gauge Flows, Heavy Flow, Chain of Lakes, New Channel, Dick Jutten, Guy Neuleners, John Cowan, Elmer Miller, Leonard Kaze, Luke Air Force Base, 35th Avenue Crossing
38	December 31, 1965	Flood Notes	x Salvation Army, Shelter, Brig. Orval Taylor, Flood Families, Evacuees, Fourth Street and Mohave, Ninth Avenue and Jefferson, No Contamination, Mesa's Water Supply, City Manager Jim Petrie, Wells, Flood Area, Landfill Dump, Air Survey, Debris, Downstream, Goddard, State of Emergency, Governor, Maricopa County, Graham County, National Guardsmen, Col. Carl N. Smith, State Civil Defense, Stricken Areas
39	December 31, 1965	Part of Airport Runway Inundated	x Sky Harbor, Inundated, Water, Near its Crest, Western Airlines, Dick Inderrieden, TWA, Albuquerque, American Airlines Convair
43	December 31, 1965	Panorama of Water - Phoenix: A Divided City (& Pictures)	x City of Phoenix, Divided, Floodwaters, Salt River, New Channels, Lowlands, Tempe, Muddy Ground, Main Channel, Flowed Swift, Deep, Debris, Barrels, Junkyards, Herb McLaughlin, Granite Reef Dam, Two Low Buttes, County Road Department, Earth Barrier, Sky Harbor Airport, Transmission Towers, Scottsdale Road, Curry Road, Ted Muckerman, National Guard, Police Patrolman Jerry Morgan, South Phoenix, Maricopa Freeway, Cattle, Hughes and Ganz Feed Pens, 48th Street, Faith Nursing Home, Evacuated, 48th Street Stockyards, Arizona National Livestock Show, State Fairgrounds
44	December 31, 1965	A Cover-up on Flood Control?	x Arizona Game and Fish Department, Questions, Flood Control Program for Maricopa County, Bothered Conservationists, Army Corps of Engineers, Suspicion, 2,000 Foot Wide Clear Channel, Salt and Gila Rivers, Downstream, Gillespie Dam, Destroy, Nesting Habitat, White Wing Dove, Hunting Industry, Channelizing Program, East of Salt-Gila Junction, Controversy-free Consent
86	December 31, 1965	Flood Laps Snowflake	x Snowflake, Cottonwood Wash, Overflowing, Banks, Mogollon Rim, Torrent, Clogged, Drainage Pipes, Ripped Out, Arizona 277, Heber, Navajo County, Junction 277, Arizona 77, Tree Limbs, Other Debris, water Backed Up
87	December 31, 1965	Dams Spill Over, Salt River Rising - Valley Flood Threat - Water Headed for Airport	x County Civil Defense, Salt River, Evacuate, Salt River Project, Reservoirs, Salt and Verde Rivers, Tempe Bridge, Col. John C. Lowry, Maricopa County Flood Control District, Col. William G. Eldrige, Phoenix-Maricopa County Civil Defense Chief, Sludge Beds, Scottsdale Sewage Treatment Plant, Tempe, Washed Out, SRP, Roosevelt Lake, 1941, Stewart Mountain Dam, Granite Reef Diversion Dam, Verde River, Bartlett Dam, Sky Harbor Airport, Arizona, New Mexico, San Francisco River, Clifton, U.S. Weather Bureau Phoenix, Flood Warnings, Upper Gila River, Coolidge Dam, San Carlos Reservoir, Graham, Greenlee

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7	January 1, 1966	Excess Water Brings Woes - Pictures	x Torrents, Roosevelt Dam, Spillways, Apache Canyon and Saguaro Lakes, Phoenix, Evacuation, David Brown, Mrs. George Brown, Mrs. Grace Baker, Philip Tabor, 24th Street, Salt River, Floodwaters, South Mountain High School, Mrs. Betty Coleman, Trina, Mrs. Lonnie Hayhurst, Bonnie Levon, Ella Mae Washington, Mrs. Dorothy Washington, Nora Dillon, Neighborhood Congregational Church, Seventh Street and Southern, Tempe Bridge, Mill Avenue, March AFB, Calif., Phoenix Union High School, Red Cross
8	January 1, 1966	Pictures Show Fury of Salt River Flood - Pictures	x Muddy, Debris-laden, Water, Tempe Bridge, Tempe Butte, Scottsdale, Phoenix, Salt River, Bridge at Central, Rock and Gravel, Salt River Channel, Retart Further Erosion, Maricopa Freeway Foundation, Washed Out, Mill Avenue, Arizona Highway Department, 28th Street, Floodwaters, Chewed Away, 28th Street Bridge, Swift-running Stream
9	January 1, 1966	Flood Smashes Valley; 8,000 Flee; Worst Over-Damage to Be \$1 Million Plus	x Dry, Salt River, Uncontrolled Torrent, Washing Out Roads, 8,000 Persons, Abandon Homes, Damage, Property, Roads, Flooded River Channel, Gov. Goddard, President, Declare, Flooded Areas, Disaster Area, Phoenix, Garbage Collection Crisis, Sanitary Landfills, Unusable, 19th Avenue and Greenway, Salt River Project, Released, Water, Salt and Verde, Heavy Rains, SRP Watershed, Open Spillway, Roosevelt Dam, Reservoirs, Near Capacity, Weather Bureau, Arizona, Carl Pastorino, Tempe Area, Hayden Road, Arizona National Guard, Red Cross, Tempe Butte, Sun Devil Stadium
9	January 1, 1966	Relatively Few Are Homeless	x 8,000 Valley Residents, Evacuated, Floodwaters, Salt River Lowlands, Red Cross Shelters, National Guardsmen, Phoenix Union High School, Buckeye Elementary School, Neighborhood Congregational Church, Mesa, 59th Avenue, Boiling Water, Allenville, Liberty, Jackrabbit Road, Water Rose, Edges, Rooftops, Gila River, South Mountain High School, Sunland Elementary School, Mesa Armory, Tempe Armory, First Baptist Church, Central High School, Laveen High School
9	January 1, 1966	Flood at a Glance	x Damage, Water Recedes, River, Tamer, Phoenix, Maricopa County Health Department, Valley 8,000 Evacuated, Gov. Goddard, Federal Flood Relief, Garbage Collection Crisis, County Agriculture, Pima, Pinal Santa Cruz, Greenlee, Gila Power Off, Refrigerator, Freezer, Food, Spoiled, Dangerous
9	January 1, 1966	Students Turn a Wet Dollar	x Salt River Flood, Tempe, Traffic, Hot Dogs, Phoenix, Ice Cream, Sightseers, Onlookers, South Phoenix, 16th Street and Broadway
45	January 1, 1966	Allenville Residents Flee River - 700-800 Housed, Fed in Buckeye	x Buckeye, Entire Population, Allenville, Buckeye Elementary School, Muddy Waters, Gila River, Water, A Foot Deep, George Hammer, River Channel, Red Cross, Blaine Duncan and Sons Trucking Co.
46	January 1, 1966	Gila Eases Dangers in Safford	x Flood Danger, Rampaging, Gila River, Sheriff H. Skeet Bowman, Graham County, Bridge, Open, Route, Hillcrest, New Crest, Runoff, New Mexico, Cliff, N.M., Safford, Arizona, New Flooding
47	January 1, 1966	City Urges Residents Hold Up Trash / Woman Has Anxious Few Hours	x Phoenix Residents, Trash Collection, Problem, Flood, Jim Stokely, Phoenix Superintendent of Street Maintenance, Landfills, 16th Street and 15th Avenue, Out of Use, 19th Avenue and Greenway Road Fill / Evacuated, Water
48	January 1, 1966	Barricade Violators 'Foolish'	x County Highway Department, "Foolishness", Flood Barricades, Emergency, Road Repairs
49	January 1, 1966	Bonds Defeat Second Best - Floods Year's Top Story	x Heavy Precipitation, Valley, Mountain Watersheds, Runoff, Server Flooding, Salt River, Valley, Lowland Residents, Homeless
50	January 1, 1966	Water Safe for Drinking in Tempe	x Tempe, City Water, Safe, Boil, Sewage Pump, Contamination, Water Supply
51	January 1, 1966	2,200 Flee Salt River Flood; Traffic Tied Up at Crossing - Man Vanishes; Water Spills Into Valley	x 2,200 Persons, Evacuated, Swirling Brown Waters, Flooded Lowlands, Salt River, Drowned, Hayden Road Riverbed Crossing, Tempe, Central Avenue, Salt River Bridge, Floodwaters, Tempe Bridge, Phoenix, Valley, Globe, Tucson, Maricopa Freeway, Closed, Runoff, Recent Storms, Salt and Verde Rivers, Released, Granite Reef Diversion Dam, Northeast Mesa, Sandbagged, Washed Out, Flume Installation, Country Club Drive, Sky Harbor Airport, Governor Goddard, Carl Pastorino, Gary hart, National Guard, Wall of Water, Flood Tide, Seventh Avenue, Danger, Livestock, Riverbed Pens, 48th Street, Rampaging Waters, Arizona State University, Tempe Butte, Highway Bridge, Southern Pacific Railroad Bridge
52	January 1, 1966	Tempeans Warned on Water	x Tempe Residents, Warned, Drinking Water, Dr. S.F. Farnsworth County Health Department Director, Power Outage, Sewage Pumps, Tempe, Sewage, Backing Up, Mesa Sewage Treatment Plant, Inundated, Our of Service, Upstream
53	January 1, 1966	Flooding Brings Power Failures	x Salt River Project, Power, Flooding, salt River, Scottsdale Area, Tempe Bridge, Northeast Phoenix, Arizona Public Service Co., Flood Conditions, Osborn, Scottsdale, Stadium, Arizona Falls, Madison and Ingleside Substations, Arcadia, APS, Seventh Street Bridge, 32nd Street, Thomas Mall

0	Year	Title of Newspaper Article	x Key Words
54	January 1, 1966	Water, Power, But in the Wrong Place! (Pictures)	x Gila's Havoc, Gila River, Farming Community, Bryce, Pima, Power Telephone Poles, Blacktop County Road, 30-Wide Chasm 5 Feet Deep, Waters, Receding, Digging Out, Backlashing Floodwaters, Salt River, 24th Street Crossing, City of Phoenix Maintenance Crew, Push Rocks, Save Roadbed, Safford Floodwaters, Gov. Goddard, Inundated Farmlands, Overflow Banks
55	January 1, 1966	More About - Rain-Soaked Areas	x Bridges, Crossings, 35th, 19th and 7th Avenues, 24th, 40th, and 48th Streets, Closed, Country Club Drive, Scottsdale and Hayden Roads, Salt River, Gila River Indian Reservation, Gila Crossing, Tribal Officials and Bureau of Indian Affairs, Milan Mockovak, Streamflows, Contamination, Raw Sewage, Tucson, Safford, Col. Jesse Holloway, Sewage Disposal System, Kenneth Scharman, Pima County Sanitary District, Postflood Cleanup, Pima County Board of Supervisors, Storm Destruction, Repair, Sewer Lines, Rillito Creek, Arizona Highway Department, Arizona Health Department, State Civil Defense, Gov. Goddard's Office, Region 7 Office of Emergency Planning for Civil Defense, Abnormally High Volumes, Receding, Rufus Musgrove, U.S. Geological Survey, Gila River, Laveen, Goodyear, Avondale, Minor Damage
56	January 1, 1966	More About - Salt River Flood Strikes Valley - Also Map of Where Water Is	x Arizona Public Service Co., Valley Residents, Cut Back, Natural Gas, Repairs, Major Lines, Ruptured, 48th and 56th Street, Guardsmen, Evacuees, Looting, Tempe, Mesa, Crest, Water, Mesa Sewage Treatment Plant, Discharging Raw Sewage, Sewage Ponds, Scottsdale, Phoenix, 19th Avenue, Floodwaters, Boil Water, Traffic Snarls, Tempe Bridge, Central Avenue Bridge, Sank 4 Inches, Concerned, Span, Collapse, Sky Harbor Airport, Federal Aviation Agency, Tucson, Undercutting, North Embankment, Maricopa Freeway Section, Interstate 10, State Highway Department, Save Roadway, Large Rocks, Old Car Bodies, Prevent, Erosion, Power, Hayden Road, Seventh Street, APS, Tower, Concrete, Agua Fria Station, Gas Line, SRP, Granite Reef Diversion Dam, Scottsdale Road, Phoenix Officials, Thomas Neiswander, Maricopa County Flood Control District, Server, Gravel, Removed, Verde and Salt Rivers, Bureau of Reclamation, Worst Flood, Salt River 1891, Floods 1916, 1920 and 1938
57	January 1, 1966	Floodwaters to Fall Today as APS Eases Dam Flow	x Raging, Salt River, Salt River Project, Valley, SRP, Salt and Verde Rivers, Roosevelt Lake, Bartlett Reservoir, Rod J. McMullin, Freeboard, Available Storage Space, Show Low-McNary, Rain, Snow, Phoenix Area, Verde River, Mesa, Tempe, Scottsdale, Arizona, Stewart Mountain Dam, Canyon Lake, Apache, Cliff Pugh, U.S. Bureau of Reclamation, A.B. West
58	January 1, 1966	Maricopa Freeway Hit; Battle to Save Bridge	x Salt River, Interstate Highway, Phoenix, Save, Maricopa Freeway Bridge, 40th Street, Floodwaters, New Channel Formed, Ate Away Dirt, Gravel, 16th and 24th Street, Angus Chadwick, Repair, Construct, Dike, Arizona Highway Department, United Materials, Boulders, Junk Car Bodies
59	January 1, 1966	More About - Evacuees	x Sierra Vista Elementary School, Red Cross, Civil Defense, Salt River, Spilled-over Dams, Mesa, Farmland, Buckeye, 150 Families, Evacuated, 35th Avenue, Maricopa Civil Defense, Maricopa County Flood Control District, Carl Pastorino, Drowned, Hayden Road, Tempe, Gary Hurt, Luke Air Force Base, National Guardsmen, Salt River Project, Granite Reef Dam, Valley, South Mountain High School, Principal Forrest H. Darsey, David R. Goodson, Nick Fitch
63	January 1, 1966	Everywhere is Locked,' Christine Sums Up Flood	x Childs Eye-witness Account, Evacuate, Sunland Elementary School, Broadway, River's Locked, Water, Rain, South Mountain
60	January 2, 1966	Valley New Year's Almost a Washout - Dec. 31, 1965, A Day to Remember for Salt River Flood Watchers	x Salt River, Arizona State University, Hayden's Ferry, "The Year of the Highwater", Tempe Butte, New Years Eve, "hell and Highwater", Flooding Rio Salado, Gushing River, Swift-Running Water, Viewing Points, Bridges, Riverbanks, ASU's Sun Devil Stadium, Appearance, Ocean, Mighty Colorado, Flood-caused Losses, Property Damage
61	January 2, 1966	Flood Damage to Crops Reported Slight	x Flood Damage, Maricopa County Agriculture, Light, Steve Faltis, Agriculture Stabilization and Conservation Service, Crop Damage, Maricopa County, U.S. Department of Agriculture State Defense Board, phoenix, Recent Floods, Pima, Pinal, Santa Cruz, Greenlee, Graham, and Gila Counties, Damage, Extreme, USDA, Emergency Areas, Emergency ASCS Funds, Rebuild, Yavapai County

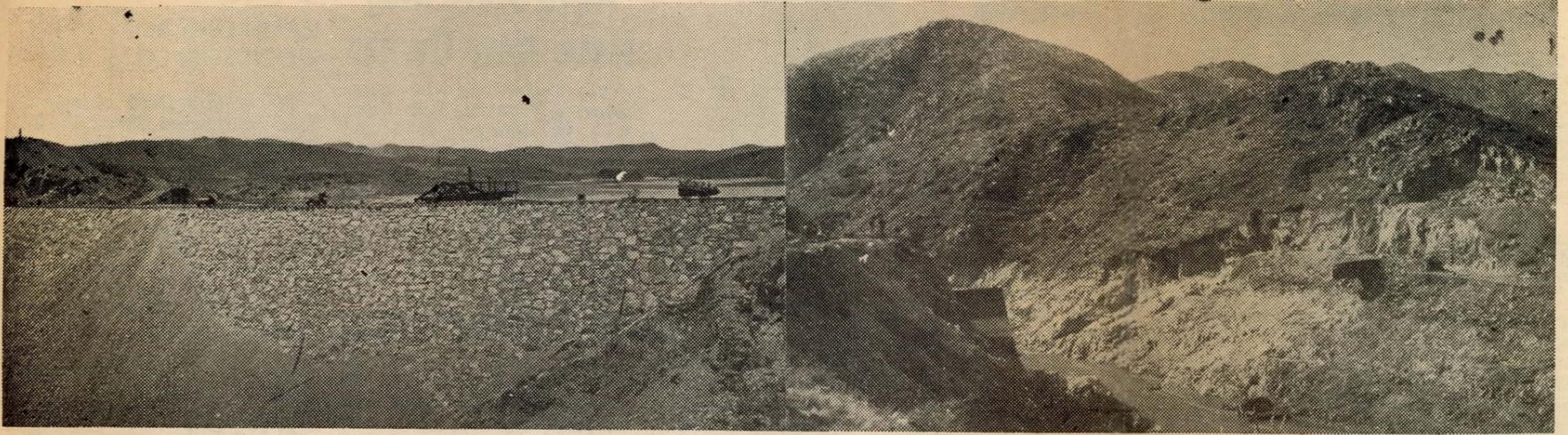
0	Year	Title of Newspaper Article	x Key Words
64	January 2, 1966	The Anatomy of a Flood - Confluence of the Waters - Out of the Mountains, Slouching Toward Phoenix to Be Born	x Thunderclouds, Rain Squalls, Superstition Mountains, Release, Water, Salt River Project Reservoirs, Salt River, Flooding, Creeks Flowing, Roosevelt Lake, Valley, Heavy Runoff, Torrents, Dry Watershed Streambeds, Heavy Rains, Open Spillgates, Roosevelt Dam, 1941, U.S. Forest Service Campground, Boulder Creek. Superstitions, Canyon Lake. Apache Trail, Tortilla Flat Creek, Stella Yates, Payson, Arizona, Globe-Miami, Superior, US 60-70, Water Swirled, Hillside, Bridge, Queen Creek, Bloody Tanks Wash, Arizona 88, Pinal Creek, Highway Department, Dumped, Sand, Shore Up Roadway, Rushing Waters, Pinto Creek, Sportsman's Lounge, Sand Protection Dike, Charley Nichols, Gila County Board of Supervisors, Runoff, Damage, Stock, Dikes, Water Tanks, Fences, Gila County, Salt River Channel
65	January 1, 1967	The Big News - Water (Color Picture)	x Salt River, New Years Day, 1966, Tempe
67	December 16, 1967	Heavy Rains a Hardship to Valley Residents	x Rains, Closed Roads, Scottsdale Area, East Valley, Flooding, Indian Bend Wash, Hayden Road, Arizona Canal, Swamped, Sahuaro High School, New City Park, Flooded Wash, Traffic Tieup, Van Buren, Shea Boulevard, .86 Inches Rain, Three-day Total 2.76 Inches, Sky Harbor, Storm, Scattered Showers, Motorola, Sperry, General Electric, Reynolds, Farm Laborers, Unable to Work, Jim Newman, Maricopa County Community Action Program, Maricopa County Agriculture Agents, Harm, Cotton, Field Crops, Delay, Dangerous, Muddy Conditions, Without Water, Desert Springs Water Co., Water Main Broke, Salt River Project, SRP, Seventh Street and Seventh Avenue, Broadway, 48th Street, Salt River Bottom, Bell Road, 19th Avenue, Cave Creek Wash, New River Crossing, McDowell, Indian School, Northern, Olive, Peoria, Skunk Creek Crossing, 83rd Avenue, Thunderbird, 67th Avenue, Broadway, Union Hills New River Crossing, East Valley, Mesa Drive, Baseline, Gilbert Road, Williams Field Road, 40th Street, Stanford
68	December 19, 1967	Squish, Slosh and Brrr! Six Days of Rain in Valley	x Valley, Stormy Weather, Inclement Weather, Maricopa County Migrant Committee, Closing, Roads, Phoenix, Samuel Lanford, Rising Waters, New River, Arizona Canal, Glendale Avenue, U.S. 80, U.S. 60-70, Queen Creek, Overflow, Whitlow Flood Control Dam, Washed Out, Road Crossings, Small Storm Sewer System, Street Repair, Chuck Holes, James Attebery, Noel Scott, U.S. Weather Bureau, Sky Harbor, Seven Day Total 3 Inches, Low Temperature Record, January 1937, Phoenix Full Inch of Snow
72	December 20, 1967	Minor Flooding in Valley; Snow Causes Emergency - Families Flee Homes When Waters Rise	x Runoff, Seventh Consecutive Day of Rain, Swelled Rivers, Canals, Streams, Minor Flooding, Peoria, Phoenix Area, Heavy Rains, .98 Inch, Arizona Canal, Overflow, 31st and 19th Avenues, New River Road, Bermuda Road, Overflowed Banks, Yaqui Indians, Evacuated, Vista del Camino, Scottsdale, Indian Bend Wash, St. Daniel the Prophet Catholic Church, Cortex High School, 31st and Dunlap, Orangewood School, 19th Avenue and Orangewood, Water Inside, Northern, 27th Avenue, Belmont, 19th to 23rd Avenues, 15th Avenue, Myrtle, Glendale, Ocotillo
73	December 20, 1967	Great Storm Highlights	x Seven Days of Rain and Snow, Arizona, 9 Deaths, Economic Loss, Agricultural, Snow, Flagstaff, Prescott, Indian Problem, 3 Deaths, Denied Disaster Status, White House, Flood Salt and Gila River Basins, New River, Peoria Area, Phoenix, Arizona Canal, Gov. Williams
74	December 20, 1967	Williams Calls on Arizonans Not to Panic	x Week-long Storm, 7 Feet Snow, Flagstaff, Nine Lives, Gov. Williams, Arizonans, U.S. Weather Bureau, Phoenix, Desert Washes, Salt and Gila River Basins, High Water, Unbridged River Crossings, Globe Residents, Bluebird Mine Reservoir, Earthen Dam, Verge of Crumbling, Shored Up
75	December 20, 1967	More About - More Snow, Floods Ahead for Arizona	x Northern Arizona, Navajo and Hopi Indian Reservations, Salt River Valley, High Winds, Rain, Flooding, Papago Indians, Southern Arizona, Phoenix, 3.98 Inches for December, Closing Streets, Gov. Williams, Office of Emergency Planning, Sen. Carl Hayden, Washington, Flagstaff, Prescott, Payson, Pine, Strawberry, Tucson, Pima County, Pelting Downpour, Catalina Mountains, Sabino and Tanque Verde Creeks, Rillito Wash, Yavapai County Sheriff Al Ayars, Novena Castello, Wallace Riley, Arizona 173, Clarence Bickford, Montrose, Coconino, Buckeye, Tolani, Red Lake, Evacuation Operations, Groom Creek, Highland Pines, Ponderosa Park, Mayor Graham, Jerome, Clarkdale, Cottonwood, Verde River, John Lewis Ranch, Paradise, Cochise County, Ft. Huachuca, Maverick, Martin Chinche, Mt. Lemmon, Summerhaven, Mrs. Thorne Pierce, Ponderosa Lodge, Nogales, Nation Guard Armory, Atchison, Topeka and Santa Fe, Winslow, Western Union, Clifton, San Francisco River, Gila and Salt Rivers

0	Year	Title of Newspaper Article	x Key Words
76	December 20, 1967	More About -Primed for Flood	x Indian School and 64th Avenue, Floodgates, Lake Pleasant, Storage Capacity, Release, New River, Agua Fria and New Rivers, Peoria, Olive to Northern Avenues, Van Buren, Gila River, Glendale, Glendale Avenue, 51st to 55th Avenue, Grand Avenue, 55th to 57th Avenue, Tolleson, 91st to Van Buren, Salt River Project, Indian Bend Wash, Scottsdale, Jointhead Waterway, 48th Street on Salt River, Granite Reef Diversion Dam, Runoff, Cave Creek, Arizona Canal, SRP, Phoenix, Barney Dunn, National Guard, Fred Glendening, Weather Bureau, Desert Washes, Casa Grande, Flash Flooding, Salt and Verde Rivers, Verde River Reservoir, Run-off, Salt River Reservoir, 40th Street Bridge, Valley, Jointhead Canal
77	December 20, 1967	Evening Traffic (Pictures)	x McDowell Road, 32nd Street, Flooded Street
78	December 20, 1967	Cleaning Up (Picture)	x Squeegee Water, Corridor Floors, Cortez High School, 31st Avenue and Dunlap, Muddy Water
80	December 20, 1967	Water (Picture)	x Water, Rushes, Ditch, 10th Street and Hatcher
81	December 20, 1967	Workmen Clean Up (Pictures)	x Workmen, Clean Up, Water-soaked, Classrooms, Orangewood Elementary School, Rain, Floodwaters, Agua Fria River, Spill, Indian School U.S. 80, U.S. 60-70-80, Closed
90	December 20, 1967	Storm Not Over	x U.S. Weather Bureau, Runoff, San Simon River, Safford, San Pedro River, Gila River, Winkleman, Laveen, 9 Deaths, Homes, Businesses, Damaged, Destroyed, Storm, Eight Days, Show Low, Ft. Huachuca, Douglas, Arizona-New Mexico Border, Prescott, Flagstaff, Hawley Lake, Alpine Ranger Station, Williams, Payson, McNary, Phoenix Weather Records, Sky harbor, Flooding, Bradshaws, Mogollon Rim, White Mountains, Valley, Arizona Public Service Co., Pine-Payson Area, Globe-Miami, Pinal Creek, Queen Creek Tunnel, Mud Slide, Collapsed Concrete Wall, Mrs. Elias Lazarin Sr., Jesus Falquez, Superior, Arizona Highway Department, Salt River Crossing, 51st and Central Avenues and 16th Street, Bridge at Tempe, 40th Street Crossing, New and Agua Fria Rivers, Peoria Avenue, 43rd Avenue at Cave Creek, Wash, 75th Avenue, Lake Pleasant Road, Sun City, Lake Carl Pleasant, Harquahala valley, Greenfield, U.S. 60-70, Baseline, Hayden and Scottsdale Roads, Bell Road, Shea Boulevard, Power Road, Stanford Drive, 32nd to 36th Streets, Maricopa Road at Gila River, U.S. Highway 80, Yuma
91	December 20, 1967	Flooding Reported in Phoenix	x Big Storm, Flooding, Snow, Heavy Rains, Phoenix, Amado, Santa Cruz River, Southern Arizona, Runoff, Tucson, Santa Cruz Valley, Casa Grande-Eloy, High Water, Pantano Wash
92	December 20, 1967	Big Storm Produces Gripes, Humor, Federal Aid Issue - Was Storm Warning Needless? Justified?	x 40th Street Bridge, Thomas Road, Indian Bend Wash, Northwest Residents, 19th Avenue and Dunlap, Hatcher, Cave Creek Wash, Arizona Canal, 24th Avenue and Cactus, Four-feet Deep, Mrs. Charles Douglas, 23rd Avenue and Cholla, Mrs. John R. Cavalier, No Water Came, Evacuate, Didn't Say Where, 35th Avenue, 29th to 31st Avenue, Northern, Mrs. Ada Pope, Inches of Silt
66	December 21, 1967	Back to Normal - Cave Creek Does Jekyll, Hyde	x Cave Creek, Dry Wash, Raging Torrent, Threatened, Flood Homes, Northwest Phoenix, Drains, Desert Area, Greenway Road, Arizona Canal, Dunlap Avenue, Black Canyon Highway, Heavy Rains, Peoria, Cactus, Thunderbird and Bell Roads, Flooded Creek, Hit Canal, Spilled, Covered Banks, 19th Avenue to 35th Avenue, 15th and 17th Avenues, Glendale Avenue, Salt River Project, New River, Skunk Creek
69	December 21, 1967	County, City Flood Damage at \$250,000	x Damage, \$250,000, Valley Flooding, City of Phoenix, Maricopa County, Chuckholes, Washed-out Streets, Fred Glendening, Samuel Lanford, Homes, Flooded, Northwest Phoenix, 19th and 31st Avenues, Dunlap to Bethany Home, Water Depth, 2 Feet, Dwellings, Evacuees, Numbered 104, Yaqui Village, Scottsdale, McDowell and Indian Bend Wash, St. Daniel the Prophet Catholic Church, 100 Persons, Agua Fria and New Rivers, Southwest Phoenix, Agua Fria High School, Avondale, 33 at Buckeye Elementary School, 19 Farm Laborers, John Jacobs Farms, Peoria and Black Canyon Freeway, Maryvale High School, Overflow, Cave Creek Dam, Rainfall Runoff, Floodwaters, Poured, Arizona Canal, Spillage Controlled Spillways, 23rd and 31st Avenues, Cave Creek Wash, Peak Flow, Residential Development 1950s, 1943, 1921, Fred Brescia, Concord Apartments, Phil Goldstein, Charles Gates East Apartments
70	December 21, 1967	More About - Flood Damage at \$250,000	x E.O. harper, Orangewood School, 19th Avenue and Orangewood, 9 Inches Water, Rooms, Sufficient Warning, Flooding, City Manager Robert Coop, Grand Avenue, 51st and 55th Avenues, Minor Flooding, Scottsdale, Mesa, Tempe, Chandler, Apache Junction, Agua Fria, Phoenix, Luke AGB, Indian School Road Crossing
71	December 21, 1967	Long Way from Road (Pictures)	x Sand Bar, Cave Creek, Thunderbird, Roadway, Washed Out, Water, Released, Cave Creek Dam, 48th Street, River Bottom, Phoenix

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79	December 21, 1967	Thousands Isolated - Storm Misery Continues - Clearing Weather Offers Hope of Aid	x Arizona's, Eight-day Storm, Isolating, U.S. Weather Bureau, Phoenix, Flagstaff, Continuing Snowfall, Winds, Navajo Indian Reservation, Al Adams, Critical, Storm, 3 Deaths, Gila and Santa Cruz Rivers, Lowlands, Gov. Williams, Gila River Indian Reservation, Pinal County, Papago Indian Reservation, Pinal and Pima Counties, Amando, Tucson, Homes, Flood Water Lake, Santa Cruz River, Tubac, Carmen
82	December 21, 1967	More About - Towns Flooded. Roads Area Closed	x Flood Victims, Water, Up to Waists, Davis-Monthan AFB, The Flood, Rains, Melting Snow, Surges Down, Santa Cruz, Nogales Highway, U.S. 89, Southern Pacific Railroad Trestle, Foot Bridges, Green Valley, Sahuarita, Amado, Isolated Post Office, Big Lake, Reach Crest, Green Reservoir Area, Eloy, Picacho, Tucson, Gila River, Banks, Winkleman, Phoenix, Sanchez, Hayden Junction, Ray, Riverside, Winkleman, Trailer Park, O.C. Hing, Cut Off, Road Travel, Bridges, Wash-away Damage, Abutments, Foundations, Flagstaff, Storm, Super X Drugstore, El Rancho Supermarket, Flagstaff High School, Mrs. Agnes Porter, Lower Lake Mary, Dick Cox, James Mann, Snowshoes Required, Snow Packed, Tunneled Out, Yavapai County Deputy Sheriff Walt Sanders, Prescott, Arizona Highway Department, Gov. Williams, State Civil Defense and Emergency Planning Agency, Search and Rescue, Winslow, Williams, Belmont Ordinance Depot, Road Closed, U.S. 60, Show Low, Springerville, Payson, Pine Strawberry, U.S. 93, Kingman, Hoover Dam, California, Valley, Glendale, Phoenix, Hail, Heavy Rain, Scottsdale
83	December 21, 1967	Residents Wade Out (Picture)	x 17th Avenue and Tuckey, Lack of Help
84	December 21, 1967	Flooded Area (Picture)	x Flooded, Grand Avenue, Glendale
85	December 21, 1967	Boat Rescue (Picture)	x Salt River, Mesa
93	February 3, 1968	\$280,000 Emergency Program - Flood Havock on New River - Farms Inundated, Leaving 1'500 Acres in Need or Reveling, Miles of Ditch to be Replaced, Channel to be Cleared	x Farm House West Indian School Road, Agua Fria and New River, jack Rayner's Ditches, Broken Concrete, Art Bodine's Citrus Trees, sand, Debris, High Water, Record Flood, New River, Federal Disaster Aid, Emergency Repair Program, Agua Fria and New River Soil Conservation Districts, Maricopa County ACP, Committee, State Disaster Board, Washington, Channel Clearing, Norbert Abel, Talmadge Barney, Ralph Baskett, Jim Ferrin, Phoenix Work Unit, Soil Conservation Service, Topsoil Washed Away
94	March 11, 1968	Fair	x Carefree, Youngtown, Gila Bend, Hawley Lake, McNary, Bisbee, Coolidge, Douglas, Payson, Tucson, Flagstaff, Ft. Huachuca, Grand Canyon, Prescott, Williams, Winslow, Arizona Highway Department, St. Johns, Casa Grande, Florence Junction, Hail Fell, Phoenix, Maryvale Golf Course, Wickenburg, Runoff, Salt River, Verde River, Rainfall Totals, Roosevelt, Apache, Canyon, Stewart Mountain, Horseshoe, Bartlett, Granite Reef, Water Storage, Saguaro, Maricopa County Municipal Water Conservation District 1, Lake Pleasant, Agua Fria River, Waddell Dam
95	March 11, 1968	Storm Moves Out, Sunshine Returns	x Arizonans, Valley, Snow, Hawley Lake, McNary, Sky Harbor, Phoenix, Alhambra, Cave Creek Dam
101	July 22, 1968	Storms - Buildings Damaged, Wash Flooding; More Rain Due	x Arizona, Arizona Monsoon, Phoenix, Sky Harbor, Wind Speeds, 46 Miles per Hour, Dust, Flooding, Cave Creek Wash, Cactus Road, Black Canyon Freeway, Wind Gusts, 49 mph, Roofs, Uprooted Trees, Damaged Power Lines, Jim Mortenson, Susan Migdall, Robert Wade, Camelback High School, Storm, Small Airplanes, Deer Valley Airport, Server Storm, Payson Area, Ft. Huachuca, Cottonwood, Flagstaff, Reno Ranger Station, Pine, Globe, Grand Canyon, Safford, Nogales, Bisbee, Prescott, Douglas, Tucson, Scottsdale, McNary, Winslow, Cave Creek Dam, 57th Avenue and Maryland, Hawley Lake, Show Low, Springerville, Wickenburg, Gila Bend, Coolidge, Buckeye, Cactus Road
98	September 15, 1969	Arizona Rainfall Record is Set	x Heavy Thundershowers, Weather Pattern, Record Amounts, New Rainfall, Intensity, Arizona Citrus Experiment Station, 3.42 Inches Fell, One Hour, Tempe Area, Arizona State University, Water, Roadways, Washed Out Sections, Major Damage, ASU's Goodwin Stadium, Three Feet of Water, Community of Guadalupe, Heaviest Rain, Runoff, Irrigation Ditches, Canals, Recede, Tucson, Flash Flooding, South Mountain, Maricopa County Flood Control Engineer Col. John C. Lowry, Earth Fill Dam, Hold Runoff, Uncontrolled Water, Construction Start 1971, Flood Control District, U.S. Soil Conservation Service
99	September 15, 1969	Rain	x Arizona 95, Quartzsite, Arizona 72, Thundershower, Phoenix, Valley, Rainfall, Weather Bureau, Buckeye, Williams
100	September 15, 1969	Hassayampa On Spree Saturday	x Inch and Quarter Rain, Bradshaw Mountains, Hassayampa River, River Bed, Wide Mud Hole, Gila Colorado, Sea

0	Year	Title of Newspaper Article	x Key Words
102	September 15, 1969	3-City Valley Area Drenched by Up to 3.5 Inches of Rain	x Jack Hanna, Mrs. Alfred Mentemeyer, Waters, South Tempe, Arizona Record, 3 Inches Rain, Less than an Hour, University of Arizona Citrus Experimental Station, Downpour, Strong, Gusty Winds, Hail, Storms, Chandler, Flooded, Arizona 87, High Water, Wind, Rain Damage, Trailer Homes, Flagstaff Airport, Phoenix, Valley, West Scottsdale, Daley park, Arizona State University's Goodwin Stadium, 3 Feet Water, Mill Avenue, Broadway, University Drive Inundated, Police Detective John Stinnet, Install Storm Sewers, 1974 Storm Sewer Project, Pumping Water, Guadalupe, Col. John C. Lowry, Maricopa County Flood Control District, Earth-filled Flood Control Dam, Phoenix South Mountain Park, Runoff, Arizona Highway Patrol
103	February 23, 1973	That Time Again (Pictures)	x Run-off, Salt River, Road Closures, Scottsdale Road, Mill Avenue
104	March 27, 1973	Coming From His Mesa Home (Picture)	x Scottsdale, Bill Weigele, Tempe Bridge, Raft, Salt River, McKellips, Alma School Road, Mesa, Scotch Mist, Forging the River, Hayden Road
105	April 15, 1973	After the Rain Fell on the Plain (& Pictures)	x Boaters, Seventh Avenue, 40th Street, Pavement, Downstream, Farm, Inundated, Gila River, Avondale, Road, Muddy Mess, Allied Construction Company's Village West, 43rd Avenue and Encanto, Salt River Channel, Valley of the Sun, Recent Rains, Salt River, Drains, Water Supply, Extra Runoff, Painted Rock Reservoir, Gila Bend, Phoenix, Salt River Regatta, Aerial Photographer Jerry Landis, Traffic Piled Up, Salt River Bridges, Highway Crews, Sand and Rock Suppliers, Gravel Beds, Muddy Ground, Overflow
106	May 12, 1973	Arline's Arizona - Phoenix Had 'Belly' Washer (1891 & 1905 Pictures)	x February 1891, Phoenix Flood, Rapid Rise, Salt River, 1905, Breaks, Arizona Dam, Torrents, Water, Washed Out, Railroad Bridges, Tempe, April 13, Maricopa and Phoenix Railroad Bridge, Nov. 27 Wrecked, Santa Fe, Prescott and Phoenix Railroad Crossing, Rain, Gully Washers, South Central Avenue, "Bellies" of Draft Horses, Overflowed, Old Town Ditch, Central and Van Buren, Town's Swimming Hole, Riders, Horseback, Phoenix Daily Herald, Jackson Street, Ziba Brown's Place, Floated Away, Darrell Duppa, Named Phoenix, Big Floods, 1905 Rainfall 19.73 Inches, Feb. 4, 1905 Capitol, 17th Avenue and Washington, Water Foot Deep, Lacey, Hulled Lawmakers to Capitol, Flee, Higher Ground, Charles Foster, Nov. 27, 1905 Great Waves, Adams Hotel
107	November 9, 1983	Maricopa County Almost Unscathed by Flooding, Top Hydrologist Reports	x Southern Arizona, Floods, Maricopa County, Chief Hydrologist Dave Johnson, County Flood Control District, Holly Acres, Agricultural Land, Sept. 29 to Oct. 7, County Citizens' Flood Control Advisory Board, Rainfall, Valley, Santa Cruz River, Gila River, St. Johns, Laveen
96	Undated 01, 196?	New River Flood	x Farm Field, New River, Beyond Reclamation, Releveling, Soil, Berm Restoration, ACP, Jerry Baldwin, Bob Fletcher, Art Bodine, Bob Tyson, Jack Rayner, Ralph Basket, SDC Boards, Agua Fria, Newell Kring, Raymond Jess Watt, New River, Karl Abel, Cal Sutton, Thayer Collier, Glenn Smith, Robert Tyson, Emergency Program, Havoc Wrought, Big Flood, Permanent Flood-control Works, Litchfield Park, Sun City, Avondale, Litchfield Park, Peoria, Maricopa County Flood Control District, Corps of Army Engineers, New River Channel, Protective Levees
97	Undated 01, 196?	State Forecast: More Rain, Snow	x Salt River, Tempe Bridge, Salt River Project, Arizona's Winter "Monsoon", Rain, Snow, Valley, Pacific-born Storm, Mogollon Rim, White Mountains, U.S. Weather Bureau, U.S. Soil Conservation Service, Runoff, Theodore Roosevelt Dam, Water Level, Spillway Gates, Horse Mesa Dam, Mormon Flat Dam, Stewart Mountain Dam, Apache Lake, Canyon Lake, Saguaro Lake, Salt River Reservoirs, Verde River, Horseshoe Dam, Bartlett Lake, Flagstaff, Grand Canyon, Heber, Williams, 1927

When the Hassayampa Was Dammed... and Damned



The Finished Dam

Reprinted from The SUN, July 21, 1961. (A summer re-run)

After the Flood

Water For Mining And Agriculture Turns Into Instrument Of Tragedy

By R. Wilson Brown

During 1888, 1889 & 1890 a lot of people between Wickenburg and Prescott were elated that man had harnessed the Hassayampa River with the result that placer mining was made easier, water was made available for the irrigation of agricultural land, and sportsmen had a lake in which to fish and on which to unfurl the sails of their small boats for a kind of recreation new to the desert.

All of this came about with the completion of the Walnut Grove Dam in 1888.

It was H. S. Van Buren of New York City, a relative of Martin Van Buren, president of the United States from 1837 to 1841, who formed the Walnut Grove Water Storage Company and built the dam. It was his idea to create a water supply for the hydraulic mining of placer properties, especially in the Weaver area, and the irrigation of 500 acres of land.

Van Buren picked as the site of the dam a point on the Hassayampa River where the embankments are great sloping granite cliffs in the Walnut Grove area within sight of the present home of Mrs. Nel Cooper, rancher, and about 29 miles up the river from Wickenburg.

Using loose rock and dirt encased with rock laid in mortar, Van Buren built the dam 110 feet high, 400 feet across at the top and 130 feet across at the base which was set in bedrock.

For possible overflow, there was a spillway at the top. It was 15 feet wide and 8 feet deep and contained a gate made of lumber fastened with square nails.

The dam caused the Hassayampa River, fed by several tributaries, to form a lake about 2 miles long which became a boating and fishing paradise.

Wooden flumes were built to carry water from the lake to sites of placer mines and to lands to be put into cultivation. The flumes were made of 2-inch lumber and served the old White Mine and mines in the Weaver area. Riding up the dry bed of the river today, one can still see the beds on which the flumes rested. And here and there one can still see some of the lumber used in the construction.

Some 14 miles below the big dam, on what is now the Jim Goodwine Ranch where the Desert Caballeros camp the first night of their annual rides, Van Buren erected a second dam.

Joe Wittman, Sr., had married Mr. Van Buren's daughter and Mr. Wittman had land in what we now call the Wittman area. (How the extra "n" came to be added to the Wittman name remains a mystery.) The idea of the second dam was to catch runoff water to be moved through ditches in the river bed to Mr. Wittman's land.

This second dam was still under construction in February, 1890, and a large number of Mexican laborers were living in shacks and tents at the site while working on the project. Chinese had long been associated with mining in Arizona and there were some of that

race at the lower dam site and others were doing placer mining in the area.

During the winter of 1889-90 there was an unusually large amount of snowfall in the Bradshaw Mountains. The snow piled high in both the mountains and the canyons. Then in late February, 1890, there came a warm and heavy rain.

The rain itself was enough to cause rivers and washes to run high. But the rain also melted the snow which caused every arroyo, swale, canyon, wash and river below the mountains to become raging torrents of rushing water.

The big lake behind the dam filled up quickly. The backed-up water spread out in all directions and the 2-mile lake became an endless sea of water.

Van Buren probably didn't anticipate anything like the situation that developed when he built the spillway. Between 1888, when the dam was completed, and the heavy runoff of February, 1890, water never touched the gates. As a result the lumber from which they were made, dried out. Finally, when the time came to open the gates, the dry lumber had swelled and they could not be opened. In addition, debris, including big trees torn up by their roots, were washed against the gates. Workmen tried to blast the debris jam loose but failed and water went over the top of the dam.

When it became obvious that the dam would not hold against the tremendous pressure being built up behind it, the company sent a man on horseback to warn people who were living and working below the dam, especially the large group of workers at the lower dam. The man, on horseback, started out on his mission of warning at 2 p. m. February 21. Although the man, whose name has long since been forgotten, did his job, people merely laughed at him. They just couldn't or wouldn't realize that there was actually great potential danger.

So when the messenger arrived at Boulder Pat's Saloon, operated by the father of the late John and Frank Goodwin and located halfway between the two dams, he drowned his failure in drink. He got so drunk that he couldn't continue the ride to the second dam where so many Mexican laborers and others were still working and living.

When that happened, the company sent James A. Cameron (father of Wickenburg's Jim Cameron) and William Akard (who later became a resident and cattleman in Peoples Valley) to complete the errand of warning. Mr. Cameron, who had been hauling logs and rough lumber from the old saw mill in Minnehaha Flats to the Walnut Grove Dam, and Mr. Akard set out on horseback. There was only one trail to take — the Wades Butte trail which passes along Cottonwood Creek.

It was still raining and pitch dark. The trail was rough and full of brush. The two men pushed on as quickly as they could, realizing that many lives depended upon them.

Then it happened!

At 2 a. m. Saturday, February 22, the dam crumbled. There was a mighty roar as a 100-foot wall of water roared down the canyon, sweeping clean everything in its path. As the water rushed by Mr. Cameron and Mr. Akard they noticed that it has a phosphorescent glow in the darkness of the night, and they could trace its path from the glow.

Within 30 minutes the water had reached the lower dam and scores of persons were drowned.

The force of the water knocked a Chinaman through the roof of his tent and deposited him on a rock shelf.

The man who started out to warn of the danger and who got drunk instead was seen bouncing in the water and then he disappeared.

Whole buildings were washed down the river.

The water rushed on southward and continued to uproot trees, toss buildings into the air and snuff out lives.

By 9:30 a. m. the water had reached the Buckeye Canal and had spread out over the entire valley. At the point where the Hassayampa empties into the Gila the stream was 2 miles wide.

As the water gradually receded, evidence of the great loss began to be revealed.

Mr. & Mrs. L. D. Haines and four of their six children were killed. The two children who were saved were visiting in Phoenix.

E. G. Wheeler, who was at the lower dam, disappeared.

The store, saloon and boarding house operated by Bob Brawl at the lower dam was destroyed and Mr. Brawl was killed. His big steel safe, which was rumored to have contained between \$5,000 and \$25,000 in gold, was washed down the river and never found. It may still be buried in the sand somewhere between the Goodwine Ranch and Buckeye.

The Phoenix Daily Herald of February 28 reported:

"Deputy city treasurer Flesher returned from the Hassayampa River disaster about 10 o'clock last night. Everyone in the party was haggard, stiff and exhausted from the journey. They witnessed many pitiful sights. Tuesday morning the party had reached Smith Mills where they found Ed Scarborough and team safe and sound. Proceeding to Seymour, old mother Conger was found, naked and starving. Her store and every earthly possession had been swept away including \$1,500 in gold coins that were hid between the cloth ceiling and the shingles. They say the Hassayampa is swept clean from the upper dam to its mouth. Its canyon walls are ground smooth. Debris of all kinds, animals, provisions, buildings and trees are scattered everywhere. For the first two miles the water wall must have been 100 feet high. Thirty bodies were seen by the party including seven Chinamen and 'Chinese Mary,' a well known denizen of the Capital. Our Phoenix delegation met parties from Prescott, Congress and other localities, all united in the sad work of identifying the dead. In one grave six miles from Wickenburg, 18 victims sleep peacefully awaiting God's

judgement day."

The number of bodies found was appalling. Ygnacio Garcia, who lived in Wickenburg, was shocked at the loss of human life. He was also a practical man and he knew that something must be done about the disposal of the bodies as quickly as possible. Many of the 84 dead were Mexican laborers whose names and addresses were unknown.

Mr. Garcia owned a ranch just north of Wickenburg and he moved swiftly to set aside a tract as a cemetery in which to bury the flood dead. This is the plot now known as the Garcia Cemetery which is still in use. Mr. Garcia himself was buried there May 8, 1928. His gesture in donating the cemetery, as well as his donation of land on which the present Wickenburg Elementary School and St. Anthony's Catholic Church are located, made him a devoted friend of the entire community. When he died all business houses of the town closed for the funeral services and flags were flown at half mast.

For many years after the flood, bones of lost victims were found in the sand along the Hassayampa. As late as 25 years after the disaster a skeleton believed to have been that of John Silsbee, pioneer musician, was found.

James Cameron helped bury five persons on a little mesa north of the old Cameron Ranch above Box Canyon. He later told his son that a woman and two babies were among those in one grave. He never knew their names.

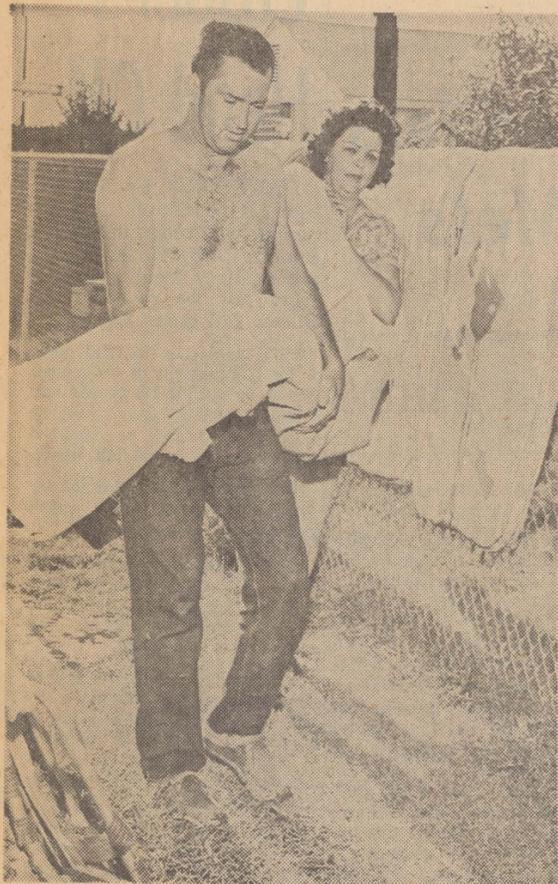
When the final toll was tabulated, it was agreed that at least 84 persons lost their lives.

Between 1925 and 1930 William A. Farrish, an engineer, was engaged by the Wittman family, who inherited the property after Mr. Van Buren's death, to make a survey to determine the feasibility of rebuilding the Walnut Grove Dam. Jim Cameron, son of the James A. Cameron who made that eventful ride the night the dam broke, worked on that survey. After five years of engineering on rebuilding both the Walnut Grove Dam and the lower dam and then running water by canal on to the town of Wittmann, Mr. Farrish came to the conclusion that it just wasn't practical.

In 1944 Mrs. Nel Cooper, Wagoner area rancher, bought the property on which the Walnut Grove Dam was located from Joe Wittman, Jr., of Phoenix, son of the man who had married Mr. Van Buren's daughter. The site is now a part of Mrs. Cooper's 45-section ranch which she operates in conjunction with her two sons, John and Roy, Jr.

Wickenburg, Ariz. SUN
August 15, 1963. + Page 3

Westside Residents Clean Up In Wake Of Flood



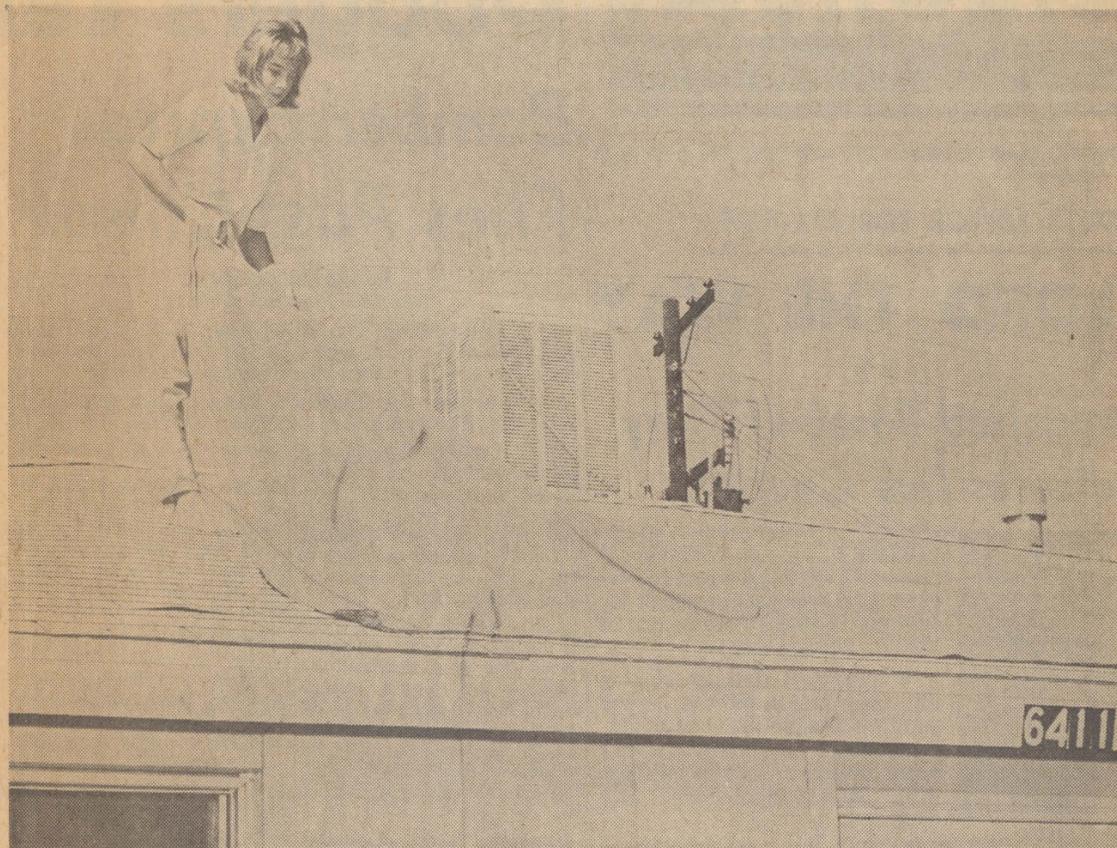
DRYING-OUT PROCESS

Mr. and Mrs. John Thrasher, 4621 N. 71st Ave., put carpeting and bedding out to dry after flood.



CLEAN-UP BEGINS

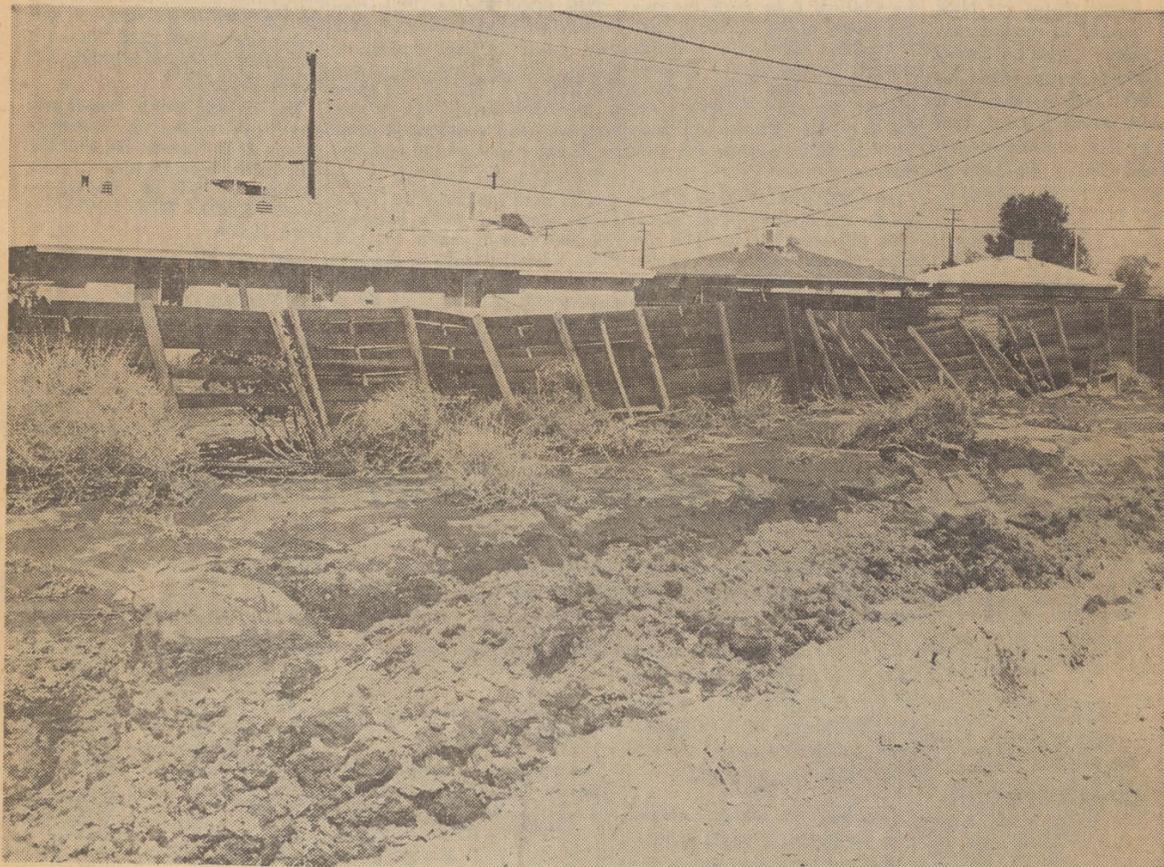
Mr. and Mrs. Paul Yocham, 6315 W. Sunset Drive, begin moving furniture back into flood-damaged home.



CARPET DRIED OUT ON ROOF AFTER FLOOD

Barbara Weese, 14, daughter of Mr. and Mrs. Bealord Weese, 6411 W. Sunset Drive, dries out carpeting on roof today in aftermath of damaging floods on west side. High water damaged many homes.

Gazette Staff Photos



OVERFLOW FROM CANAL DAMAGES FENCE

Water from rain-swollen Grand Canal pushed over portion of this wooden fence at rear of North 64th Ave. near intersection with Indian School. Residents were busy cleaning up homes and property as flood waters subsided.



RESIDENTS MOP UP IN AFTERMATH OF FLOOD

Mr. and Mrs. Roy Pressley, 692 W. Campbell, use water hose to clean mud from carpet after weekend flooding in north-west Phoenix and Glendale. Heavy rains and overflow from Grand Canal inundated many homes.

★ ★ ★ ★ ★

Thunderstorms Bring Rain, Hail In State

4-17-58

.67 Inch Noted At Phoenix

THUNDERSTORMS crackled over much of the southeastern third of Arizona yesterday, dropping .71 inch of rain laced with hail on Bisbee and drenching portions of Phoenix with up to .67 inch of rain.

The sudden storm swept in from the southwest off the Gulf of California and extended into central and southern New Mexico.

The rains began on a line about south from Prescott. To the west, the storm dropped its first sprinkles beginning at Gila Bend.

Prescott, Phoenix, and Tucson reported rains from .25 to more than .50 inch. Phoenix Sky Harbor Airport measured .67 inch, and Mummy Mountain, north of Phoenix, .60 inch.

Sunshine, rain, and hail played a chilly game in Tucson's north and east sections at 7 a.m., while the rest of the city basked in warm temperatures. Precipitation measures .50 inch in the Fort Lowell ruins vicinity of Tucson.

Some portions of the Valley reported heavy rain. Runoff backed up against Salt River Project canal structures in northwest Phoenix. County roads were flooded briefly. The Water Users, however, reported no canal breaks.

Gusty winds and considerable lightning accompanied the storm over the Valley, but no damage was reported.

AMID THE tempest, a few persons showed up for opening of three Phoenix city swimming pools, but officials postponed the openings until today.

The thundershowers left .22 inch of rain at Douglas, .13 at Fort Huachuca, .28 at Payson, and .28 at Show Low.

Phoenix temperature was climbing and had hit 79 degrees when the showers arrived. Then the mercury dropped to 60.



Sunnyslope Ford Two autos carefully negotiate Seventh Avenue just north of the Arizona Canal during yesterday's downpour, which flooded intersections and streets throughout the city. Water draining off the mountains north of Sunnyslope makes this spot a bad one with every rain. Forecast for today is "mostly sunny." — (Republic Photo, Willis Peterson)

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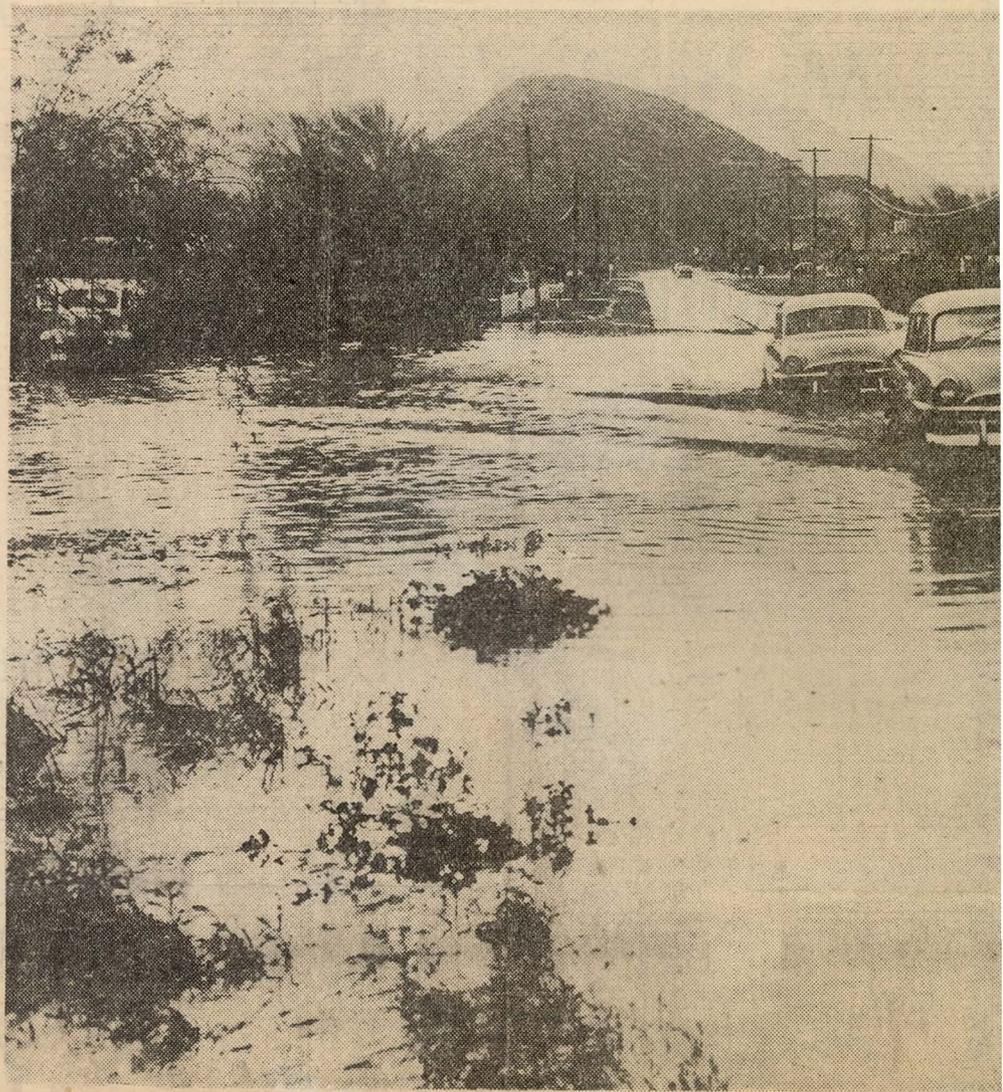
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Phoenix temperature was climbing and had hit 79 degrees when the showers arrived. Then the mercury dropped to 60, which was 3 degrees below the early-morning minimum.

The temperature forecast for Phoenix calls for a high of 85 today, with this morning's low in the 60s. Additional weather Page 28.



Sunnyslope Ford Two autos carefully negotiate Seventh Avenue just north of the Arizona Canal during yesterday's downpour, which flooded intersections and streets throughout the city. Water draining of Sunnyslope makes this scene. Forecast for today is public Photo, Willis Peterson

That's what... chief engineer of the Los Angeles Flood Control District, told the city-county flood protection improvement committee here last night.

Hedger said any area with serious flood problems such as Phoenix needs a strong organization to cope with it—and primarily an engineering organization.

"AN engineering group should have full authority on any flood control program in Phoenix," Hedger said.

He said that in the Los Angeles Flood Control District, county supervisors and administrators never enter into the program except on a tax problem. He also recommended that any flood control program be kept separate from other state and county departments.

Hedger said a flood control program faces two types of problems—a natural flood hazard stemming from the natural channels and waterways, and a drainage hazard, which comes with community growth.

Hedger spoke at an informal dinner meeting in the Arizona Club attended by the flood protection committee, Phoenix city councilmen and Mayor Jack Williams, Maricopa County supervisors, and officials of the Salt River Project.

THE PHOENIX committee's projects include a preparation of a general plan of flood control, concentrating on the general drainage area.



Gazette Staff 1

COME IN, PLANET X -- COME IN, PLANET X

That really isn't a Buck Rogers gadget being operated by Robert F. Thurrell Jr. of Global Exploration Co., Denver. It's a Tellucrometer—a radar device that measures distance with great accuracy, and is being used by Falcon Air Maps Co. of Phoenix for a flood control survey. Watching operation of the machine are (from left) Sam Tucker, 5336 N. Sixth St.,

Phoenix city engineer; Col. Boyd Yaden (rear), 744 W. 1st Palm, manager of Maricopa County Flood Control Agency; Fred Glendening, 2234 E. Fairmont, Maricopa County engineer, and Henry Shipley, 328 Kachina Lane, Scottsdale, chief engineer of the Salt River Valley Water Users Association.

Considerable cloudiness with a few showers today. Yesterday's temperatures: high 56, low 48. Relative humidity: high 94, low 64. Details on page 49.

He: "If I kiss you, will you call for help?" She: "Will you need help?"

STATE MOPS UP WATER



High Court To Review Back-To-Work Order



ON SALT RIVER — As spectators watched, two men fought a dramatic, victorious battle with the angry Salt River cascading across 16th Street yesterday. The men, both unidentified, swam from their car after it was swept from the road into the river bed. For a short time both men

perched on a concrete slab, then one, (arrow) slipped into the water and was carried downstream about 100 yards before rescuers pulled him to the bank. His companion swam ashore from the slab. Dramatic picture was taken by Ray Rasmussen, a tourist visiting in Phoenix from Duluth, Minn.

Big Storm Cuts Wide, Wet Path

By JACK KARIE

ARIZONA national guardsmen joined lawmen yesterday in mopping-up operations after a storm which caused two deaths and damage which may run into millions of dollars.

Lieutenant James L. McMeekin led guardsmen into the Cavetree area in efforts to protect life and property as floodwaters receded from what some claim were record peaks.

Sheriff's Capt. Robert Heck said yesterday two vehicles had been recovered in flood waters in the Glendale area and fate of the drivers was unknown. These possible fatalities were in addition to two babies lost in swirling waters north and east of Phoenix at the height of the storm Thursday.

Officers said more than 25 motor vehicles were knocked off roads by tons of water which smashed from mountainsides surrounding the Valley.

Despite the tragic loss of life and property damage, the weather bureau estimated rainfall value at millions of dollars in excess of damage wrought.

Rangelands and forests were saturated, reservoirs were being filled, and groundwater reserves were being built up, the bureau said.

As water cascaded into the Valley from the New River, McDowell, and Bradshaw Mountains, it was feared for a time the Arizona Canal would overflow, causing sections of Scottsdale to be flooded.

TO BE ON the safe side, school officials evacuated students from Tonalea School, 6720 E. Oak, and Tonto School, 531 E. Oak, in Scottsdale. Several residents of low-lying areas near Scottsdale left their homes as water was diverted from the canal at Indian Bend.

The precautions proved to be unnecessary, as the excess water spread over fields and other open areas.

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Approximately 10 communities of Apache and Navajo counties were reported without power because of storm damage.

Residents of the area suffered in subfreezing weather as repair crews worked. Schools were closed because of lack of heat and light.

Arizona Highway Patrol officials warned motorists that rockslides and heavy snow on roads in most northern sections of the state made vehicular travel hazardous.

Heavy rockslides were reported on the Beeline Highway between Phoenix and Payson.

Many county roads were blocked yesterday by high water and washouts.

Officials warn that hazardous driving conditions will continue through today, with the added

(Continued on Page 2, Col. 3)

Extend Opening Cement Plant

The rebirth of industry in the Verde Valley yesterday at the grand opening of the Phoenix Cement Plant.

Leading officials of the American Cement Association, including the American Cement Corp., of which the Phoenix plant is a division, and Garner Beckett, chairman of the board.

Mayor Williams of Phoenix and Mayor Lindner of Clarkdale. Also attending were W. C. Russell of Detroit, president of the American Cement Corp., of which the Phoenix plant is a division, and Garner Beckett, chairman of the board.

Ray Adams, president of the Phoenix plant, was master of ceremonies.

INTRODUCED several members of the organization. The Phoenix plant's first task will be supplying the cement for the Glen Canyon Dam. This prompted Adams to say that the corporation's California plant has had in supplying Arizona's needs.

"Riverside plant," he said, "has shipped enough cement to Arizona to build four million dams."

The \$6 million plant, which is to be completed in about 130 permanent

Bulletin!

Plane Missing With 27 Aboard

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Authorities said the ship had enough gas to keep it aloft until 11 P.M.

Piedmont authorities withheld release of the passenger list pending next of kin notification.

CAP teams from several Virginia areas converged on the area. Air force authorities planned to begin an air search at daybreak.

A Prayer

OUR HEAVENLY Father, Thou alone dost know the full consequences of our sinfulness. We seek deliverance from the burden of our sins. Give us grace to turn away from our sins, showing deep penitence, that Thy healing and restoring work may be manifest in us. Amen.

Water From Indian Vase

Symbolic Ceremony Will Open Arizona State Fair Here Today

THE POURING of water from the state's 14 counties into a fountain will mark the official opening of the 1959 Arizona State Fair today.

Governor Fannin will pour the water from a vase, an Indian word meaning vase, filled by the contestants in the Miss Arizona Pageant.

This gesture will commemorate this year's fair theme, "Arizona Water Progress."

SCHEDULED to be on hand with the governor are fair officials: Maj. Gen. J. C. Wilson, adjutant general of the Arizona National Guard; and Patti Allebrand, Miss Arizona of 1959.

The ceremony will take place at the front gate of the fair-ground on McDowell at 19th Avenue.

Today's Fair Program

GOVERNOR'S Day will be observed today at the Arizona State Fair.

The program: 10 a.m.—Opening ceremonies at main gates.

10 a.m., 2 and 3 p.m.—Demonstrations in home economics building.

10 and 11 a.m., 1-7 p.m.—Indian arts and crafts demonstrations on the hour in Indian Village building.

1, 4, and 8 p.m.—Free plaza stage show.

1:30 p.m.—First race, international racing; ninth race feature is the Arizona State Fair Handicap.

2 and 6 p.m.—Arizona Cotton Growers' exhibit, Artist Ted Miller painting 20-foot canvas, "The Story of Arizona Cotton."

5 p.m.—Children's "spook" parade at main gates.

5:30 and 7:45 p.m.—Blakely Sky Revue featuring helicopter-trapeze act.

10 p.m.—Buildings close.

at the front gate of the fair-ground on McDowell at 19th Avenue.

Fair officials expect attendance to exceed last year's 259,025.

The fair ends Nov. 11.

THE GATES will open at 9 a.m. daily, with exhibits to close at 10 p.m. and the midway at midnight.

A number of new industrial exhibits will be shown, in addition to the numerous other displays.

Also to start today are horse races. Post time in a 10-race program is 1:30 p.m. There will be racing every day except Mondays.

The Shower of Stars free show on the plaza stage will start at 1, 4, and 8 p.m.

Among the featured acts is the Wallenda Family, a seven member team high wire act.

Some of the features of the fair are the third annual Square Dance Festival, which will be held tomorrow. The grand march will be led by Secretary of State and Mrs. Wesley Bolin at 12:30 p.m.

A BENEFIT turtle derby, sponsored by the Phoenix Elks Lodge, will be held Nov. 8. Fifty entries already have been received.

Contestants in the Miss Arizona Pageant are:

Pamela Jo Whiting, 17, St. Johns, Apache County; Marilyn

Lee Garrett, 17, Douglas, Cochise County; Georgia Ann Garbarino, 17, Flagstaff, Coconino County; Nancy Jean Caldwell, 17, Inspiration, Gila County; Lupe Sonive, 17, Safford, Graham County; Carol Boyce Scott, 17, Clifton, Greenlee County; Glenda Henry, 18, Avondale, Maricopa County.

Also, Mary Bonelli, 20, Kingman, Mohave County; Anona Despain, 17, Joseph City, Navajo County; Marygrace Roberts, 17, Ajo, Pima County; Sharon Victory Adams, 17, Casa Grande, Pinal County; Georgina Davison, 18, Nogales, Santa Cruz County; Nina Sue Parry, 18, Prescott, Yavapai County; and Patricia Ann Prince, 18, Yuma County.

Snow Snuffs Valley's Sun

SNOW crept down out of the higher elevations yesterday to land on—of all places—the Valley of the Sun.

A 1/2-mile-wide strip surrounding Dysart School, 8 miles west of Peoria, was covered to a depth of 3 inches.

Al Northen, superintendent of Dysart School District, said the storm started at 4:15 p.m. with a mixture of rain and hail. The hail then turned to snow.

According to the oldest old-timers, snow is a mite uncommon in the Dysart district, said Northen.

Rescuers Are Late, But Abundant

LOUIE KILLEEN, a county attorney's investigator, was trapped yesterday in the Ford Law Building elevator just before it leveled for the third floor.

For 1 hour and 10 minutes, passersby yelled futile instructions through the door. Among them was Deputy Prosecutor Don Skousen, who finally gave up and went to lunch.

While Skousen was away an elevator repairman arrived and freed Killeen.

Killeen then went to lunch.

When Skousen came back, he found the elevator still stuck, and the doors again closed. He yelled at the now absent Killeen. When he received no reply, he was alarmed. Maybe Killeen had smothered. He called the fire department.

Just as the fire fighters were preparing to chop down the door, someone from a nearby office happened to mention that Killeen had been freed.

STATE MOPS UP WATER



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300 Attend Opening Of New Cement Plant

CLARKDALE (Special) — The rebirth of industry in the Verde Valley was celebrated yesterday at the grand opening of the Phoenix Cement Plant.

More than 300 people, including leading officials of the American Cement Corp., attended the day-long event. Continuous plant tours started in the morning, and the day was climaxed by a barbecue in the administration building.

Inside The Republic

Flood Toll Rises

Mexico authorities count 500 dead, fear 1,500 more buried in flood wiping out 10 coastal communities. Page 17.

Babysitter Saved

Seven young children, trapped in a one-door house, die of burns while mothers were at a private club. Page 10.

Ike, Golf Blasted

British Field Marshal Alanbrooke's World War II diaries state that prior to Battle of the Bulge, General Eisenhower spent his time on golf course, left war to run itself. Page 7.

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Crossword 60	Want Ads 48-59
Editorials 6	Weather Map 18
Financial 38-39	Women's 27-29

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SCHEDULED to be on hand with the governor are fair officials: Maj. Gen. J. C. Wilson, adjutant general of the Arizona National Guard; and Patti Allebrand, Miss Arizona of 1959.

The ceremony will take place

at the front gate of the fair-ground on McDowell at 19th Avenue.

Fair officials expect attendance to exceed last year's 259,025.

The fair ends Nov. 11.

THE GATES will open at 9 a.m. daily, with exhibits to close at 10 p.m. and the midway at midnight.

A number of new industrial exhibits will be shown, in addition to the numerous other displays.

Also to start today are horse races. Post time in a 10-race program is 1:30 p.m. There will be racing every day except Mondays.

The Shower of Stars free show on the plaza stage will start at 1, 4, and 8 p.m.

Among the featured acts is the Wallenda Family, a seven member team high wire act.

Some of the features of the fair are the third annual Square Dance Festival, which will be held tomorrow. The grand march will be led by Secretary of State and Mrs. Wesley Bolin at 12:30 p.m.

A BENEFIT turtle derby, sponsored by the Phoenix Elks Lodge, will be held Nov. 8. Fifty entries already have been received.

Contestants in the Miss Arizona Pageant are:

Pamela Jo Whiting, 17, St. Johns, Apache County; Marilyn

Lee Garrett, 17, Douglas, Cochise County; Georgia Ann Garbarino, 17, Flagstaff, Coconino County; Nancy Jean Caldwell, 17, Inspiration, Gila County; Lupe Sonive, 17, Safford, Graham County; Carol Boyce Scott, 17, Clifton, Greenlee County; Glenda Henry, 18, Avondale, Maricopa County.

Also, Mary Bonelli, 20, Kingman, Mohave County; Anona Despain, 17, Joseph City, Navajo County; Marygrace Roberts, 17, Ajo, Pima County; Sharon Victory Adams, 17, Casa Grande, Pinal County; Georgia Davison, 18, Nogales, Santa Cruz County; Nina Sue Parry, 18, Prescott, Yavapai County; and Patricia Ann Prince, 18, Yuma County.

Snow Snuffs Valley's Sun

SNOW crept down out of the higher elevations yesterday to land on—of all places—the Valley of the Sun.

A 1/2-mile-wide strip surrounding Dysart School, 8 miles west of Peoria, was covered to a depth of 3 inches.

Al Northern, superintendent of Dysart School District, said the storm started at 4:15 p.m. with a mixture of rain and hail. The hail then turned to snow.

According to the oldest old-timer, snow is a mite uncommon in the Dysart district, said Northern.

Potomac Fever

WASHINGTON—If they don't hurry up and settle this steel strike, I'll take two years' production just to pay off the lawyers.



By golly, you can't keep America down. Just when we had those no-good, second-rate power blues, along comes Cuba's Fidel Castro and proves we're a raging giant.

Governor Rockefeller calls on Ike, talks civil defense. Rocky's first candidate to come up with the political strategy that a good civil defense is the best offense.

By FLEISCHER-KNEBEL

A Prayer

OUR HEAVENLY Father, Thou alone dost know the full consequences of our sinfulness. We seek deliverance from the burden of our sins. Give us grace to turn away from our sins, showing deep penitence, that Thy healing and restoring work may be manifest in us. Amen.

Today's Fair Program

GOVERNOR'S Day will be observed today at the Arizona State Fair.

The program:

10 a.m.—Opening ceremonies at main gates.

10 a.m., 2 and 3 p.m.—Demonstrations in home economics building.

10 and 11 a.m., 1-7 p.m.—Indian arts and crafts demonstrations on the hour in Indian Village building.

1, 4, and 8 p.m.—Free plaza stage show.

1:30 p.m.—First race, international racing; ninth race feature is the Arizona State Fair Handicap.

2 and 6 p.m.—Arizona Cotton Growers' exhibit, Artist Ted Miller painting 20-foot canvas, "The Story of Arizona Cotton."

5 p.m.—Children's "spook" parade at main gates.

5:30 and 7:45 p.m.—Blakely Sky Revue featuring helicopter-trapeze act.

10 p.m.—Buildings close.

Rescuers Are Late, But Abundant

LOUIE KILLEEN, a county attorney's investigator, was trapped yesterday in the Ford Law Building elevator just before it leveled for the third floor.

For 1 hour and 10 minutes, passersby yelled futile instructions through the door. Among them was Deputy Prosecutor Don Skousen, who finally gave up and went to lunch.

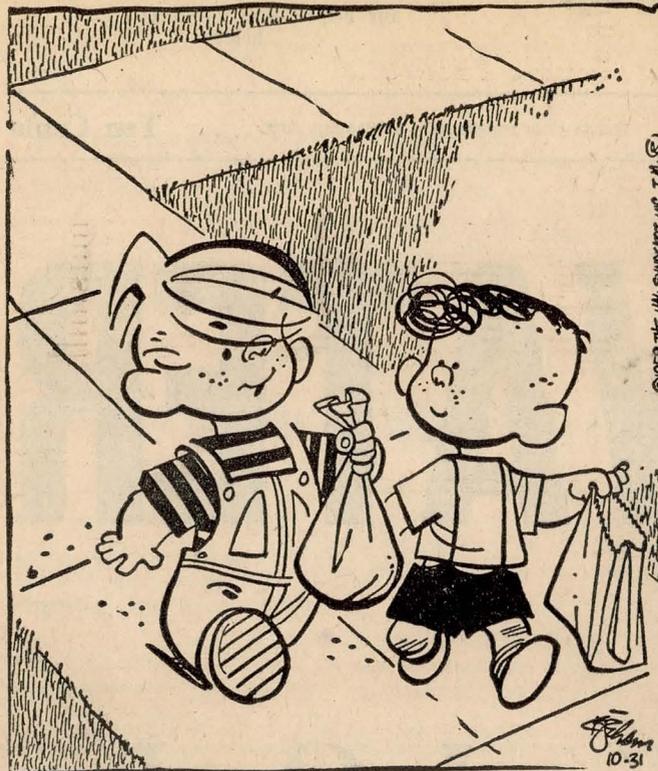
While Skousen was away an elevator repairman arrived and freed Killeen.

Killeen then went to lunch.

When Skousen came back, he found the elevator still stuck, and the doors again closed. He yelled at the now absent Killeen. When he received no reply, he was alarmed. Maybe Killeen had smothered. He called the fire department.

Just as the fire fighters were preparing to chop down the door, someone from a nearby office happened to mention that Killeen had been freed.

Dennis The Menace By Hank Ketcham



"Most people call it Halloween. I call it TRICK or EAT DAY!"

Regardless Of Weather, State Fair To Be 'Dry'

The Arizona State Fairground will be dry—liquorwise—during the annual fair, opening today.

This was assured yesterday when James G. Hart, chairman of the board of supervisors, announced that action will be deferred for one week on an application for transfer of a No. 6 liquor license from 1701 N. 16th St. to the Turf Club in the grandstand at the fairground.

Hart made his announcement in response to the storm of protest which greeted the proposal to dispense alcoholic beverages while the fair is in progress.

PETITIONS bearing almost 1,000 signatures were filed during a 48-hour period with Mrs. Rhea Averill, clerk of the county board. They came from numerous church organizations as well as many individuals.

Hearing on the application is set for 10 a.m. Monday. The board of supervisors acts in an advisory capacity in the issuance of liquor licenses, inasmuch as John A. Duncan, superintendent of liquor licenses and control, has the final say.

However, by deferring its recommendation until its meeting of Nov. 2 the county board will of

itself is in progress. It would not affect the racing meet which will be in progress after the fair closes.

"I AM IN complete sympathy with the large number of people who do not believe liquor should be sold at the fairground during the period when hundreds of children are on hand," Hart said.

"By delaying our recommendation until Nov. 9 we will assure that the fairground is dry during the period of the fair.

"I would like to emphasize that the board of supervisors does not pass on the question of convenience and necessity where a liquor license is concerned. That is the responsibility of Mr. Duncan, who says whether the license shall or shall not be issued. However, I do not believe there would be much objection to liquor being dispensed in the Turf Club only

More About—Rain, Snow Sweep Wide Swath In State

(Continued From Page 1) danger of icy pavements in the high country.

Although rain, snow, and sleet continued to fall in high areas yesterday, the storm trough is expected to show a gradual swing toward the east today, which will bring northern Arizona in line for extremely cold air.

A provisional cold wave warning has been issued for northern Arizona for tonight with temperatures in higher valleys expected to drop below zero tomorrow morning.

TWO DAYS of rain has piled up some sizable totals to date with rain changing to snow in the higher parts of the state. Payson had

a storm total of 5.96 inches at noon yesterday with a mixture of rain and snow continuing late last night.

Heaviest rainfall appeared to be in the Mogollon Rim section with Roosevelt, Pinal Ranch, and Payson Ranger Station all reporting in excess of 4 inches last night. Twelve inches of snow has been reported on the top of the rim and heavy snowfall warnings continued to be issued as the storm swung into its third day.

IT WAS snowing yesterday in Nogales, with that city reporting .32 of an inch precipitation at 5 p.m., with snow still falling.

Weather forecasters at Winslow said there will be rain and snow

falling in that area through today with temperatures dipping to the 15-20 degree range. Hunting areas near Winslow already are covered with a 6-inch blanket of snow. More is falling.

There were reports that some hunters had been trapped in the area. Many sportsmen gave up the hunt because of the cold weather.

THE STORM just about skipped Tucson, although nearby Mount Lemmon was blanketed with 8 inches of snow.

Scattered showers continued in the Phoenix area yesterday as the weatherman predicted decreasing cloudiness and a few showers today. It will be continued cool

and occasionally windy. Temperatures are expected to dip to about 42 this morning with a high of 60 degrees forecast today.

The five-day forecast for Arizona through Wednesday is for scattered showers, with snow in the mountains through today and again Tuesday and Wednesday. Temperatures averaging about 6 to 8 degrees below normal will continue over the weekend.

KINGMAN had .79 of an inch rainfall with 3 inches of snow in the nearby Hualapai Mountains.

Superior had a record rainfall yesterday with 3.72 inches falling in a 24-hour period. The previous record was 3.66 inches, which fell there in 1920. Rains changing to

snow continued to pelt the Superior-Globe-Miami area last night.

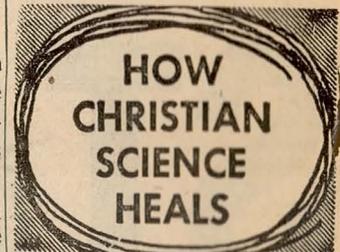
Mineral Creek at Ray was running at near flood stage, causing streets of that mining community to be flooded. Rockslides in the Ray area made motoring hazardous.

MIAMI HAD 4.75 inches of rain yesterday; Pinal Ranch, to the west of Superior, 4.35; and Magma, 3.72. McNary had 2.78 inches of moisture with 5 inches of snow.

Farmers in the Willcox area reported heavy damage to lettuce crops from rain and hail. The loss is estimated to be about \$10,000.

Slight hail damage was report-

ed in lettuce fields in the northwest portion of the Salt River Valley, but none at Aguila, where harvesting was at its peak. Other weather stories, Pages 18 and 47.



"Claim Your Divine Right" Chan. 3, KTVK, Sunday, 3:30 P.M. KOY (550 KC) Sunday, 9:15 P.M.

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Excess Water Brings Woes



FULL UP—Torrents poured over Roosevelt Dam spillways as the big lake overflowed for the first time in 24 years. Water flowed through Apache, Canyon and Saguaro lakes to reach Phoenix. Republic Photo by E. D. Newcomer

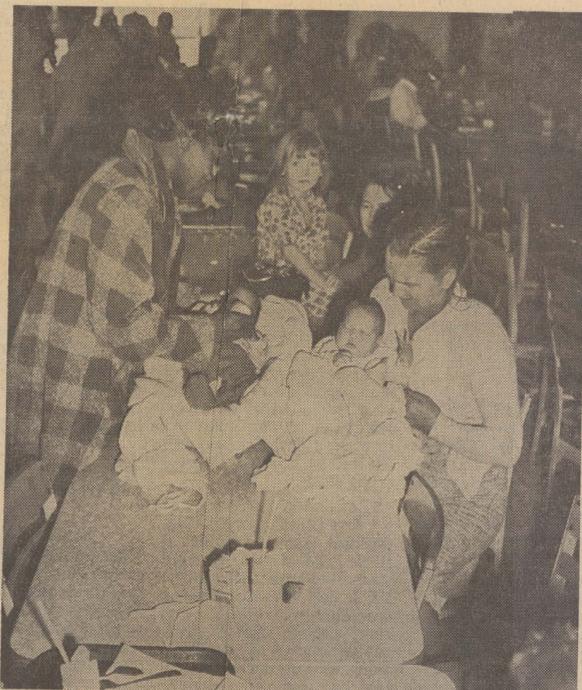


BARE FACTS—David Brown, 4, of 130 E. Victor, was caught barefooted in the evacuation when his mother, Mrs. George Brown, could not find his shoes in the rush of fleeing their home. Republic Photo

Mrs. Grace Barker, his grandmother, was standing the excitement fine, while Philip Tabor, 8, had the comfort of his dog. All were concentrating on escaping flood. Republic Photo



FLOOD SIGN—Towering sign marking approach of 24th Street exit on inbound Maricopa Freeway toppled into sweeping Salt River floodwaters that also bared all of culvert visible at lower right. Republic Photo by Harrison Brown



BABY CARE—In an evacuation center set up in the cafeteria of South Mountain High School for people removed from danger of the flooding Salt River, babies got food and diaper changes on tables. From left are Mrs. Betty Coleman, with daughter Trina, 6 weeks, of 2551 E. Southgate, and Mrs. Lonnie Hayhurst, with daughter Bonnie Levon, 8 weeks, of 930 E. Jones. Republic Photo



SCOUT HELPER—Ella Mae Washington, left, 2-year-old daughter of Mrs. Dorothy Washington, 1801 E. Raymond, is entertained by Nora Dillon, 13, of Troop 559, Roosevelt School, at Neighborhood Congregational Church, Seventh Street and Southern. The Washingtons were one of the families evacuated from the Salt River area to the church, where young people helped out. Republic Photo by Earl McCarney



TRAFFIC JAM—Giant jam-up snarled traffic on south approach to Tempe Bridge over rampaging Salt River yesterday. Autos inched along Mill Avenue approach to one of three Valley crossings. Republic Photo by Ed Ryan



OVERNIGHT STAY—Cots flown to Phoenix from March AFB, Calif., are set up in the gymnasium of Phoenix Union High School. Red Cross expected up to 350 people from areas near the Salt River. Republic Photo

Where The Spirit Of The Lord Is, There Is Liberty
II Corinthians 3:17

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Recompense to no man evil for evil. Provide things honest in the sight of all men.—Romans 12:17

An Old Lesson

Phoenix is relearning the old lesson that water on the desert is usually a matter of feast or famine. Right now it's no famine. The reservoirs above the city were full yesterday, and more water was being released than the Salt River channel could conveniently handle. Destruction to roads and bridges was mounting, and an undetermined number of homes was threatened.

Without the dams on the Verde and the Salt, Phoenix would have been in very bad trouble. While these are water conservation, not flood control, projects, they created the vast reservoirs in which 2 million acre-feet of water has been stored. It was when the reservoirs were filled and the water had to be released through the dams, that the flooding hit Phoenix, Tempe, and Mesa.

Because this is a "wet year" there is no telling when the flooding danger will pass. Roosevelt Lake, biggest of the Salt River reservoirs, has been filled only twice before in the 55 years since the Theodore Roosevelt Dam was built. There is snow on the watersheds which, if melted quickly, will add to the total amount of water that must be carried off by the Salt and the Verde rivers. More rains would, of course, make things worse.

In the meantime, nothing is to be gained by panic—either on the part of public officials or on the part of private citizens. Law-enforcement agencies seem to have the situation well in hand. The state civil defense headquarters has mobilized its resources. The governor has called out National Guard units to help in evacuation where needed.

Phoenix will meet this emergency as it has met all the others it has been called upon to face. Rain is not always an unmixed blessing, but without it no one could live here. Annual flooding no longer occurs. Rarer flood conditions, such as now prevail, require the same fortitude and calm determination that earlier residents showed in taming the rivers that created this desert oasis.

Abandoning Marx

Nowhere have Marxian economic doctrines been more universally discredited than where they are revered most — in the Communist nations themselves.

In a recent remarkable 19,000-word document, Czechoslovakia's Communist party denounced itself for having made disastrous economic mistakes which have cost the country billions of dollars. The Czech economy is in such bad shape, the document said, that just the effort to rebuild it would take most of the country's resources and thus limit expansion plans.

The reason for this sick condition lies in the Marxian emphasis on centralized planning and controls which have prevented fundamental changes. Bureaucratic management methods have neglected consumer demands in favor of arbitrary government goals. Inefficient production methods have resulted in high costs and low volume.

Thus the Czech government is planning to follow the lead of Yugoslavia, which earlier abandoned Communist economics sufficiently to incorporate free enterprise methods. Czech enterprises will remain "publicly owned" (meaning that the government will still control them as it sees fit). But factory managers henceforth will be given leeway to run businesses in a semblance of Western-style free market economies.

Despite their ridicule of "capitalism" and capitalist methods, the Communists have reverted to capitalism — a free choice system of incentives — at various times throughout their history to bail them out of economic chaos caused by their Marxist economic policies. Thus Soviet Russia, which during Lenin's reign adopted capitalist methods to save the U.S.S.R. from famine when the collective farms failed, had adopted the profit incentive which it euphemistically describes as "Liebermanism." And the satellite nations, emulating Yugoslavia, are following suit.

Yugoslavia six months ago decreed an end to subsidies and excessive political control of the economy. Protected enterprises were cast on their own against world competition. Political factories, boondoggles created to provide jobs in backward areas and satisfy Communist ambitions, were eliminated.

Free world economists have long pointed to the vast difference between the economies of the Communist nations of Eastern Europe and those of the free nations of Western Europe. Now, apparently, the Communists themselves have noticed the difference and are taking steps to catch up—largely by abandoning their misplaced faith in Marx.

His Eyes Wide Open

A onetime ultra-leftist, who led student trips to Cuba in defiance of a State Department ban and who was active in the Progressive Labor party, recently admitted that he once drafted a statement calling on young people to refuse to fight in Vietnam.

But, said Phillip Luce, who wrote a magazine article about his defection, describing the movement as Communist-oriented, he is now "very much of the belief that it is necessary for U.S. troops to be in Vietnam."

He added: "Once you leave the Communist orbit, you see a lot of things."

Foreign Policy Experts

The Wall Street Journal, quoting cartoonist Al Capp on demonstrations against U.S. policy in Vietnam:

Are we going to let foreign policy be run by 18-year-olds, advised by such great military experts as Pete Seeger and Joan Baez? Or are we going to leave it to the four-star generals in the Pentagon with lifetimes of experience, but who haven't made a hit record?

On The Spot

Viet War Dims LBJ's Optimism

By MARGUERITE HIGGINS

WASHINGTON — As he measures the awesome slip 'twixt cup and lip in 1965, President Johnson probably can be expected to avoid the excesses of optimism in his State of the Union and other messages to Congress in 1966. Rhetorical restraint is not exactly his style, but events give him little choice.

Even a wary glance into the new year is discouraging from the standpoint of a President who thrives on hyperbole and likes his public talk to be happy talk. The road ahead seems cluttered with dismaying frustrations—a war that defies prophecy and plan, soaring federal expenses, cherished Great Society programs that must be reduced, delayed or perhaps abandoned, and the gloomy prospect of removing money from circulation in an election year to combat inflation.

Most of the President's problems are direct by-products of the war in Vietnam, of course. But the American public would be far better prepared for them if the administration had not advertised, in the spirit of cheerleaders, a whole series of mistaken assumptions about the war.

THIS SEQUENCE of erroneous judgments, in my view, started back when Washington tried to impose an instant democracy upon an ancient Oriental feudal society in South Vietnam, a well-meaning but disastrous policy that led from valley to valley without ever attaining any peaks. The tendency until recently had been to treat the problem as a pesky but peripheral one in an atmosphere of business-as-usual.

Only last spring, when the President was still in a buoyant orbit as a result of his 1964 landslide election, he felt the time was at hand to turn the nation's economy toward the happier business of filling pocketbooks and improving the "quality of life" in our society. In calling for a \$4 billion cut in excise taxes, he said that he was "fully aware of our present and prospective commitments for the defense of the free world."

Although precise predictions were not possible, he said, "there is, however, no present indication that (defense) expenditures will increase to an extent that would make these excise tax reductions inadvisable." At the end of June, he predicted a \$900 million cut in estimated federal spending and a deficit of only \$3.8 billion. These faulty prophecies corresponded to assumptions about the fighting in Vietnam.

SOME TOP policymakers assumed as early as the Gulf of Tonkin affair that swift U.S. retaliation against North Vietnam's PT-boat bases would carry the proper "message" to Hanoi, namely desist in the south or face possible destruction from the air. If the message got through, it was ignored.

The sneak mortar attack on an American compound at Pleiku on Feb. 7, 1964, led the President to order an earlier decision implemented, and the steady bombing raids on North Vietnam began. These, too, proved inadequate messengers, and the President was required to start the buildup in American troops on the ground.

These events are worth recalling if only to illustrate how one miscalculation begot another. During the late summer and early fall monsoon season, the word was that the growing U.S. force, with the South Vietnamese troops bearing the brunt of the fighting, would induce the Communist Vietcong to realize they couldn't win even under circumstances favoring their guerrilla tactics.

When the big monsoon offensive by the Vietcong never developed, Washington struggled to contain its optimism. Surely, the Communists would now turn to negotiations. Instead, they heightened their rate of infiltration, committed regular North Vietnamese units, and stepped up their forced drafts of recruits in the South.

WHAT NOW SEEMS to have dawned upon the President and his advisers is that Hanoi is in the south for keeps, if possible. The war, to the Communists, is not a sometimes thing, a diversion. Awareness of this within the administration has led to the unhappy conclusion that priorities must be established. Many of the elaborate hopes of the Great Society have had to be minimized.

It is a rough adjustment for President Johnson to make. He prefers by nature and instinct the sweeping statements of promise, not peril. Undoubtedly he would like to talk in 1966 about his great expectations, not his great disappointments. As a political realist, however, he is not likely to pursue a course of empty optimism.

Here's Hoping Both Can Do It

By Reg Manning

Arizona Republic Staff Artist



A Conservative View

Time For Congress To Reform Old Presidential Election System

By JAMES J. KILPATRICK

Proposals for amendment of the United States Constitution are drifting on a slack tide these days. Thirteen states have ratified the pending resolution dealing with presidential disability, but 1966 is an off year for the state legislatures and ratification of this 25th amendment is not anticipated before 1967.

Meanwhile, House and Senate Judiciary committees expect to give serious consideration to only one group of proposals during the second session of the 89th Congress. These are the various resolutions concerned with reform of the electoral college. Amendments dealing with reapportionment of state legislatures have lost their momentum; no real steam can be detected behind resolutions dealing with women's rights, the income tax, or Bible reading in the public schools. The prospect for the next couple of years, apart from the disability amendment, is that further changes in the Constitution will be wrought by judicial decision, and not by action of Congress or the states.

THIS SLACK period could be put to excellent use if the appropriate sub-committees in House and Senate promoted widespread public debate on the single field in which hearings are expected. Fifteen years have elapsed since Congress and the country last considered the unfair and cumbersome system by which our presidents are elected. It is high time to get back to the subject.

In point of fact, the plan devised by the founding fathers in 1787 was not so bad a plan. The framers of our Constitution would not accept the direct, popular election of a president; principles of a wise federalism forbade it. Neither would they agree to election of a president by the Congress; such a procedure would have blurred the desired separation of powers. Thus they contrived the ingenious scheme by which each state would name, in such manner as it chose, a number of electors equal to the whole num-

ber of senators and representatives to which the state was entitled—and these gentlemen in turn would elect the president.

IN THE EARLY years of the republic, some of the states provided for the choice of electors by state legislatures. Maryland, Kentucky, Tennessee and others experimented with the congressional plan, by which two electors (corresponding to a state's two senators) are chosen by voters in the state at large, while other electors are chosen by congressional districts. For the past 125 years, however, the system has prevailed of winner-take-all; and it has been assumed that the victorious electors would cast a state's entire electoral vote for their party's candidate.

The system has developed serious shortcomings. As the experience of Alabama and Oklahoma has demonstrated, some presidential electors will not stay hitched; they exercise their constitutional right to vote

for whom they please. A far more serious objection is that the system of winner-take-all gives an unfair and un-federal advantage to the populous states.

IN A MESSAGE to the Congress last January, Mr. Johnson made his own views known. He recommended a constitutional amendment that would foreclose "the ever-present possibility that electors may substitute their own will for the will of the people." He felt that the system of electoral votes, as such, "has served our nation well... (and) should be retained," but he felt it imperative "that the electoral votes of a state be cast for those persons who receive the greatest number of votes for president and vice president—and for no one else."

Read in context, this last recommendation was not a recommendation for writing the plan of winner-take-all into the Constitution.

Inside Labor

Reuther Deplores Pay Hike

By VICTOR RIESEL

WASHINGTON, D.C. — Ponce de Leon, who made his fortune in Puerto Rico, should have abandoned his quest for that magic fountain and should have searched for the labor movement instead.

It is the only place a man is middle-aged at 60. And Walter Reuther, now going on 59, has been angered by the council of elders.

The older men's power structure is removing much of labor's vitality, he believes. And furthermore, he thinks they are paid too much and should go to work for the big corporations if they want big money.

MR. REUTHER, the Hubert Humphrey of American labor, never is one to leave unvoiced the matters which press on his conscience, his mind and his heart.

With the poor and posterity

in mind the other day, he criticized sharply his nominal leader, George Meany, Mr. Labor, for accepting a \$25,000-a-year raise at the national labor convention.

In an interview, the Detroit redhead was asked if he approved of this escalation which brought the AFL-CIO president's annual stipend to \$70,000.

MR. REUTHER retorted that he did not approve. This was too much money for a labor leader, he asserted. If anyone wants to move into such brackets, he should move into industry or a corporation such as General Motors.

Why had he, Reuther, as a member of labor's high council, voted for the increase? The auto union chief replied that he had not wanted his colleagues to misunderstand his motive. So he had made it unanimous.

"The structure of the labor movement," said Reuther, "it seems to me, has removed much of the vitality of the leadership we ought to be getting."

"FRANKLY, AT the local union level we get young and middle-aged leaders who want to do things, but when we move up in the structure, we find that there are things in the institution which sort of bind us in, and I think we've had this reflected in this convention. It means that the older people and the middle-aged people get in the battle, think of the great accomplishments of the past, but somehow or other don't seem to focus this in on the new labor movement, on the possibility of organizing the white collar, sub-professional, technical and, at the other end of the stratum, the working poor."

"AND THESE people must be organized, and the leadership must come from these ranks. We've got to devise the way to do it."

If Mr. Reuther means what he says, then 1966 will be a hectic and dramatic year.

It's My Opinion

Amateurs Add Chaos To Chaos

By IRENE CORBALLY KUHN

It would be a blessing beyond price if the New Year should bring real peace. Until that day, we must prepare for shocks and surprises.

Various and sundry amateurs who fancy themselves as diplomats will be drifting to Hanoi for audience with the wispy-bearded Red boss of North Vietnam.

These amateurs will be singularly successful in confusing an already confused situation.

Felix Greene, long known for his presentations of Communist China, had an interview some weeks ago with Ho Chi Minh. Mr. Greene is a British-born businessman now living in the United States. Through the interview, broadcast over the North Vietnam radio, he made known Ho's rejection of President Johnson's offer of "unconditional negotiations" on the grounds that the United States would not recognize the Vietcong as the sole, genuine representative of the people of South Vietnam.

NEXT, TWO Italians got into the act. They visited Ho Chi Minh in November, after President Johnson and the State Department had been subjected to widespread criticism for rejecting Hanoi's earlier offer, as if, indeed, there had ever been a sincere peace feeler from its wily Red head man.

The story of their meeting with Ho, and his purported assertion that he'd go anywhere to meet anybody for peace talks, was "leaked" to the St. Louis Post Dispatch. This forced the State Department to reveal that President Johnson, on Nov. 20, had received a letter from Aminatore Fanfani, Italy's foreign minister. At that time Mr. Fanfani was president of the 20th session of the U.N. General Assembly, which has just adjourned. He is also a long-time friend of Professor La Pira, one of the two wandering intellectuals who brought the word Ho was easing off in his pre-negotiation demands.

WHATEVER THE current politics of La Pira, he was not the great and good friend of the United States in 1951. At that time, Sicilian-born La Pira was mayor of Florence. The United States was still pouring economic aid into Italy. Mayor Vincent Impellitteri, of New York, was in Florence. Italy was honoring him as the first Italian-born mayor of New York.

AS MAYOR Impellitteri was leaving the platform, two men rushed him. One offered him a pen, the other pushed a scroll into his hands to sign. He assumed the men were friendly, else how could they have got past Host Mayor La Pira's security? As he took the pen, a member of the official party, an American of Italian decent with a quick eye which had scanned the scroll, snatched it away. The action saved Impellitteri from signing, in good faith, what was in fact a proclamation issued by the Italian Communist party denouncing Italy's President DeGaspari, and demanding that the Democratic-Christian government be removed from power for succumbing to the influence of the Vatican.

American correspondents who witnessed and recorded this Oct. 14, 1951, event included representatives of the Associated Press and a New York newspaper.

On World Affairs

Cease-Fire Idea A Political Coup

By EDGAR ANSEL MOWRER

CHICAGO—In many ways, this is the most representative city in the United States. Judging by the Chicagoans' reaction, President Johnson's Christmas cease-fire proposal was a political masterpiece. Most citizens were delighted. Parents and relatives of the boys in Vietnam were enormously grateful. Nuclear pacifists and other American opponents of the war were silenced and at the same time filled with hope that this time, for one of many reasons, Hanoi would accept the American offer of negotiations—on what basis they do not really care.

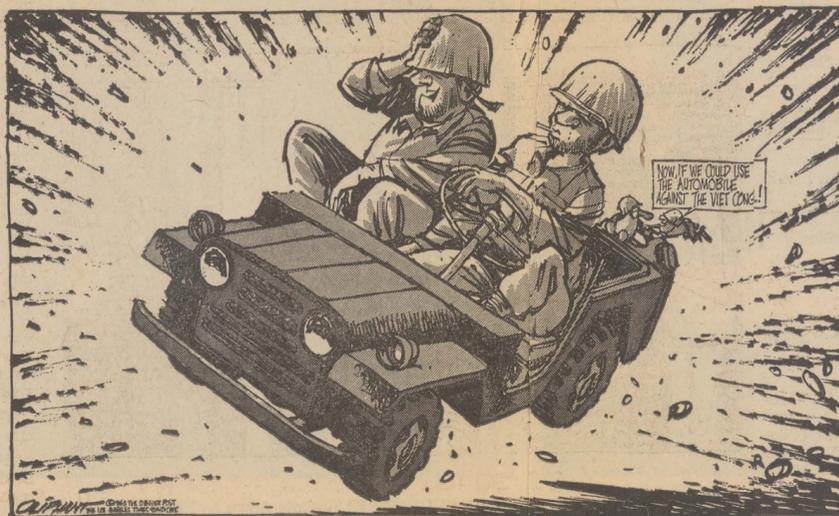
On the other hand, not even those Americans who believe that stopping communism in Vietnam is at least as important as stopping them in Korea (and the direct consequence of our failure to win there) could complain of the cease-fire provided it was short enough. To the extent that it built morale among the fighters, they found it admirable. It not only fitted the Christmas spirit, but once more demonstrated to friends, neutrals and enemies that the United States, far from seeking to extend its power or escalate the war, is ready at any time to make peace once the North Vietnamese and the Vietcong cease trying to conquer South Vietnam.

THUS FROM any point of view, the Christmas cease-fire was worthy of that political master, Lyndon Baines Johnson. It had only one drawback, it may turn out to have been a costly gesture.

It can exact this price if it encourages Ho Chi-Minh and his friends to believe that in proposing the cease-fire, LBJ was yielding to pacifist pressure. From this it is just one more step to conclude that if he drags out the conflict, forces the United States to increase the size of its expeditionary force, multiplies casualties, the American President will either accept open defeat and withdraw our troops or "negotiate" a hidden defeat.

HO, ACCORDING to my information, has known for some time that he cannot possibly win a military victory over the United States. He never really won a military victory over France. His success at Dienbienphu was for France a lost battle that became a lost war only when the politicians in Paris decided to call off an unpopular struggle.

'You Gotta Admit, It's Safer Than Being On The Highways Back Home Right Now?'



Phoenix Weather

Mostly fair and clear today and tonight. Today's high near 64. Yesterday's temperatures: high 61, low 39. Humidity: highest 89, lowest 33. Details, Page 19.

THE ARIZONA REPUBLIC

Today's Chuckle

Most essential qualification of an engineer: The ability to make your superiors believe your idea will work—and to explain afterward why it didn't.

76th Year, No. 229

TELEPHONE: 271-8000

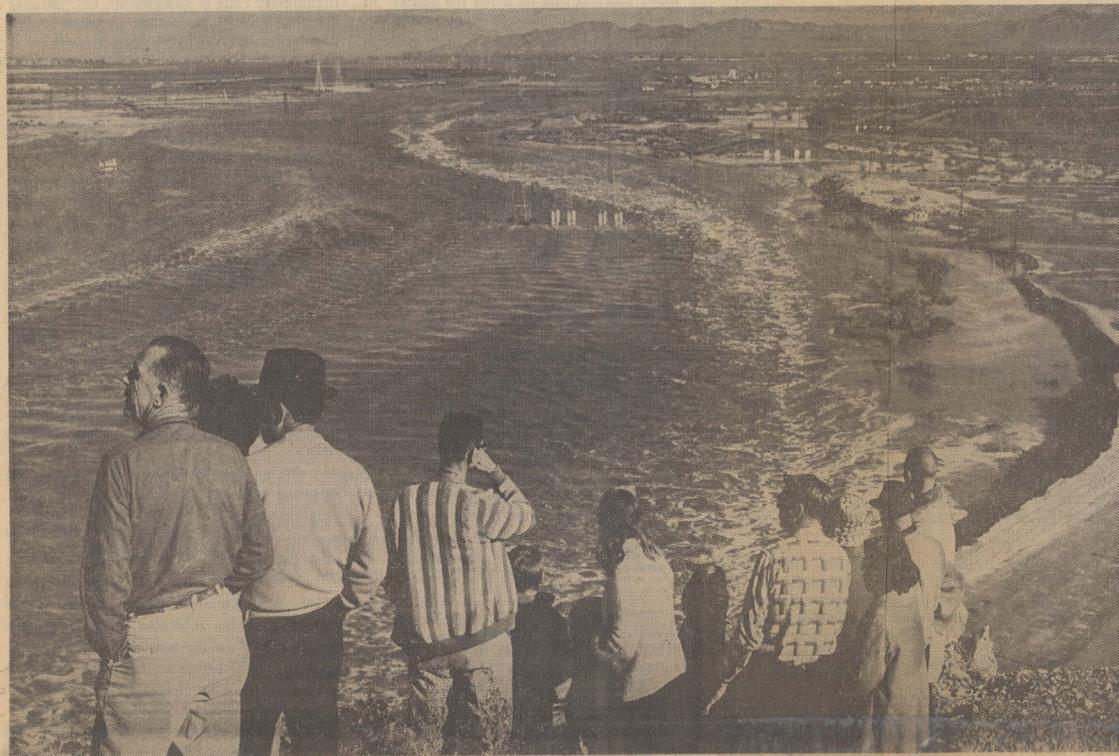
Phoenix, Arizona, Saturday, January 1, 1966

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Ten Cents

FLOOD SMASHES VALLEY; 8,000 FLEE; WORST OVER



FLOOD PANORAMA—Hundreds of spectators climbed Tempe Butte for a spectacular panoramic view of the Salt River as it rampaged through the Valley yesterday. This group looks to the northeast, where flood originated in the mountain watersheds. Partly washed-out road, right, is driveway to north end of Sun Devil Stadium parking lot.

Relatively Few Are Homeless Damage to Be \$1 Million Plus

By EARL ZARBIN

ALTHOUGH nearly 8,000 Valley residents were evacuated before floodwaters raged through the Salt River lowlands yesterday, fewer than 400 had to be housed overnight in emergency Red Cross shelters.

THE USUALLY dry Salt River became an uncontrolled torrent yesterday, disrupting utilities, washing out roads and causing 8,000 persons to abandon their homes temporarily.

Most of the evacuees were permitted to return to their river area homes after they earlier had been removed by National Guardsmen as a precautionary measure.

Damage to property and roads was placed at more than \$1 million. But it is expected the figure will rise when officials have an opportunity to enter the flooded river channel.

A check late last night showed 100 persons bedded down in the Phoenix Union High School gymnasium, about 250 at Buckeye Elementary School, and about 40 at the Neighborhood Congregational Church.

Gov. Goddard last night was uncertain about whether to ask the President to declare the flooded areas a disaster area.

BY MIDAFTERNOON, nearly 4,000 persons were trucked out, and some drove their own cars, from river-threatened areas reaching from Mesa west to 59th Avenue. However, by sundown nearly all were back in their homes.

Phoenix officials said the city faced a garbage collection crisis because two sanitary landfills in the river are unusable and trucks must make longer hauls to the landfill at 19th Avenue and Greenway. City officials asked residents to suspend tree trimming and lawn cutting.

Flood at A Glance

—DAMAGE estimate soars to \$1.2 million; officials say total unknown until water recedes. Public property loss tops \$700,000. Page 21.

—River expected to be tamer this morning, barring a warm night in the snowy mountains north and east of Phoenix. Page 18.

—Maricopa County Health Department lists precautions for Valley residents; 8,000 evacuated. Page 21.

—Gov. Goddard to await more accurate estimate before deciding whether to request federal flood relief. Page 22.

—Phoenix officials warn of garbage collection crisis, ask residents to delay tree trimming and cutting lawns. Page 22.

—Damage to county agriculture expected to be light, but Pima, Pinal, Santa Cruz, Greenlee and Gila counties suffer heavily. Page 21.

—If power was off in refrigerator or freezer, food may be spoiled. Dorothee Polson lists food, canned and frozen, that might be dangerous. Page 20.

Hayden Road.

Units of the Arizona National Guard were called out to assist in the evacuations, and last night the Red Cross housed and (Continued on Page 18, Col. 1)

Students Turn A Wet Dollar

OLD fashioned American enterprise enabled a few to earn an extra dollar as a result of the Salt River flood yesterday.

In Tempe, alert high school and college students hustled hot dogs to motorists as bumper to bumper traffic inched through the downtown area.

Said one young merchant: "Some people really went for the idea. Others got pretty mad at us."

In Phoenix, the traditional ice cream vendors worked their way through groups of sightseers and onlookers along the river channel.

South Phoenix gasoline stations also did a good business as worried residents, warned by police to evacuate certain areas, pulled into stations and filled their tanks.

"We've done four times our usual business," said the owner of a Shell station at 16th Street and Broadway. "We were swamped all morning—four or five cars at a time."

As boiling river water rumbled westward past 59th Avenue late yesterday National Guardsmen removed another 3,000 persons from the flood's path in the Buckeye area. Yet all but a few hundred from that area were back home last night.

OFFICIALS SAID many were from the Allenville area 1 1/2 miles south of Buckeye. At midnight water had rolled to within 1 mile of Allenville, and officials said they expected the hamlet to be flooded.

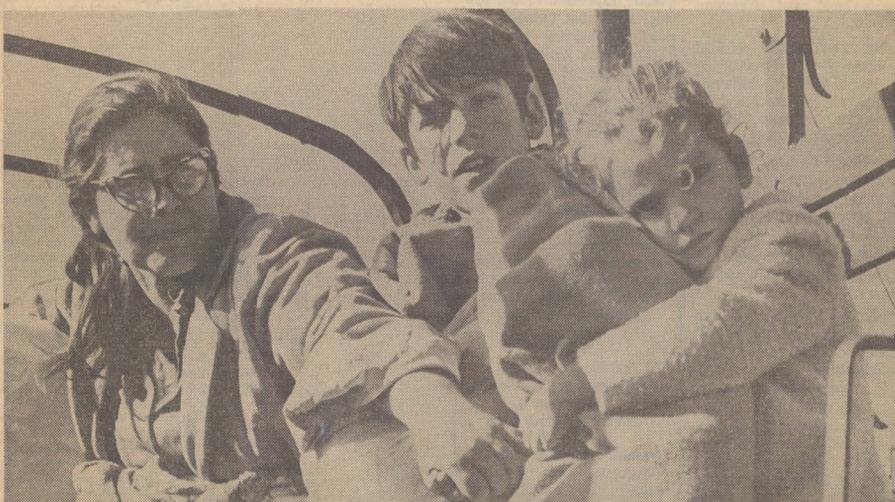
There were no persons removed from nearby Liberty.

On Jackrabbit Road one-half mile east of Liberty, however, water rose to the edges of some rooftops. This represented a 9-foot rise of the water level in 6 hours, as of midnight. The Gila River at Jackrabbit Road was estimated to be about 2 miles wide.

Some 40 persons in five Jackrabbit-area homes were evacuated two days ago.

Other evacuation centers included South Mountain High School, Sunland Elementary School, the Mesa Armory, Tempe Armory, First Baptist Church, Central High School, Laveen High School, Roosevelt (Continued on Page 18, Col. 5)

- Two full pages of flood pictures, Pages 4 and 5
• Other pictures, Map, Pages 18, 21, 22



WE DON'T UNDERSTAND—Diana Louise Hayes, 3, right, clutched her prized blanket yesterday as her concerned mother, Sarah, left, and brother were evacuated by National Guardsmen from area of possible flooding at 35th Avenue and

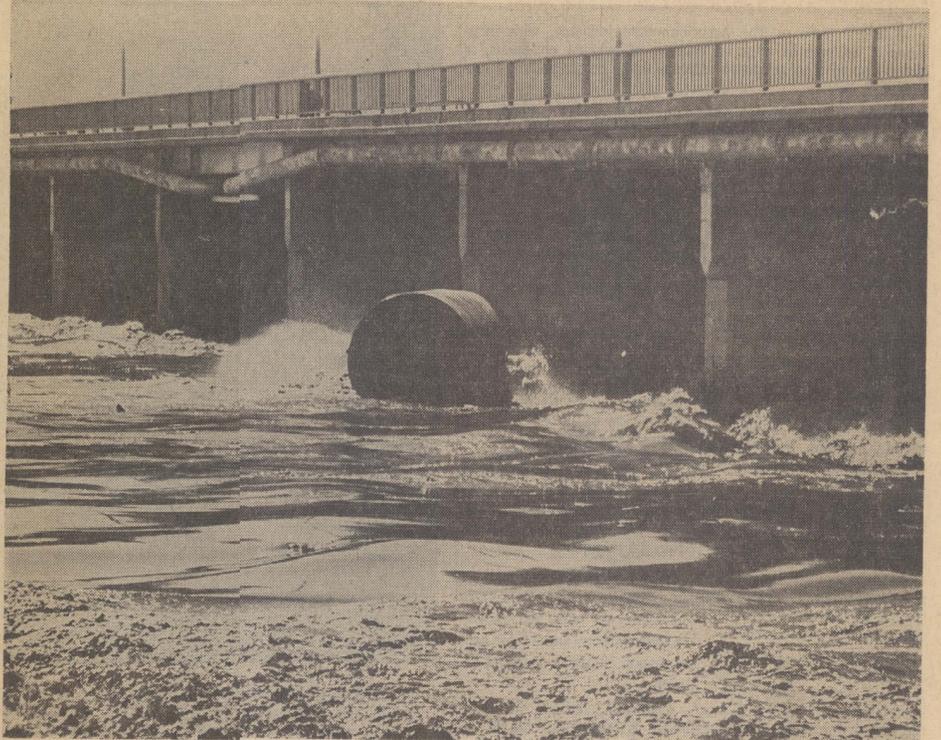
Tamarisk, south of river. More than 500 persons were taken, with what belongings they could hold, to Laveen School, 51st Avenue and Dobbins. "I didn't think we'd have to go," said another evacuee, "but we just do what we're told."

Pictures Show Fury of Salt River Flood



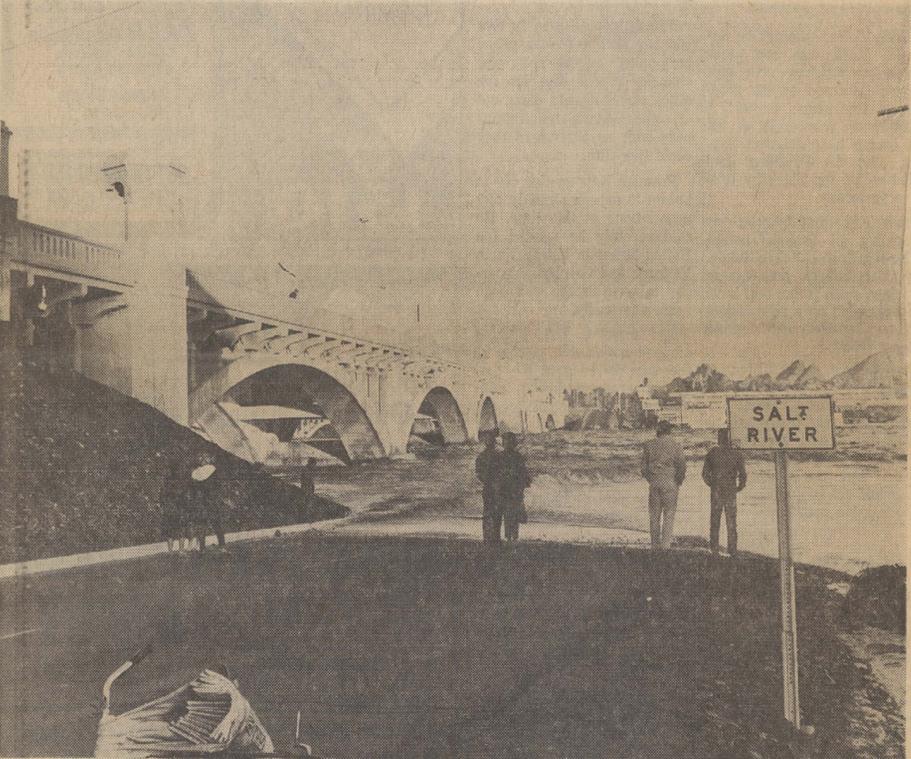
EMBATTLED BUTTE — Muddy, debris-laden water streamed past Tempe Bridge and around Tempe Butte, nearly burying what remained of a billboard; Scottsdale, Phoenix in background.

Republic Photo



STRANGE SHIP—Huge storage tank rode the waves of the Salt River and passed under the bridge at Central in bobbing good fashion about noon yesterday. It was among the larger debris.

Republic Photo by Larry Repp



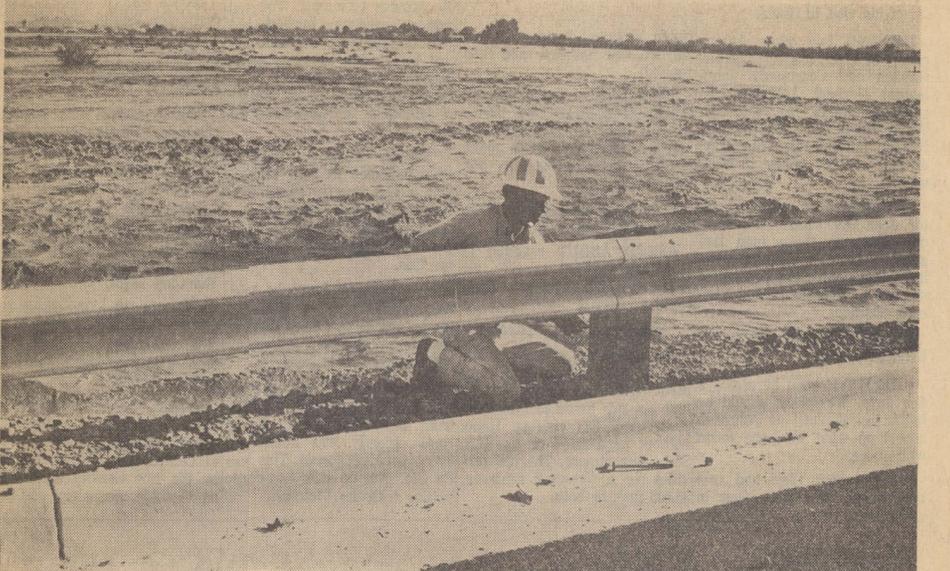
WET END—Spectators lined up to view raging river as it passed under Tempe Bridge and buried usual northbound lanes through riverbed north of Tempe on Mill Avenue.

Republic Photo



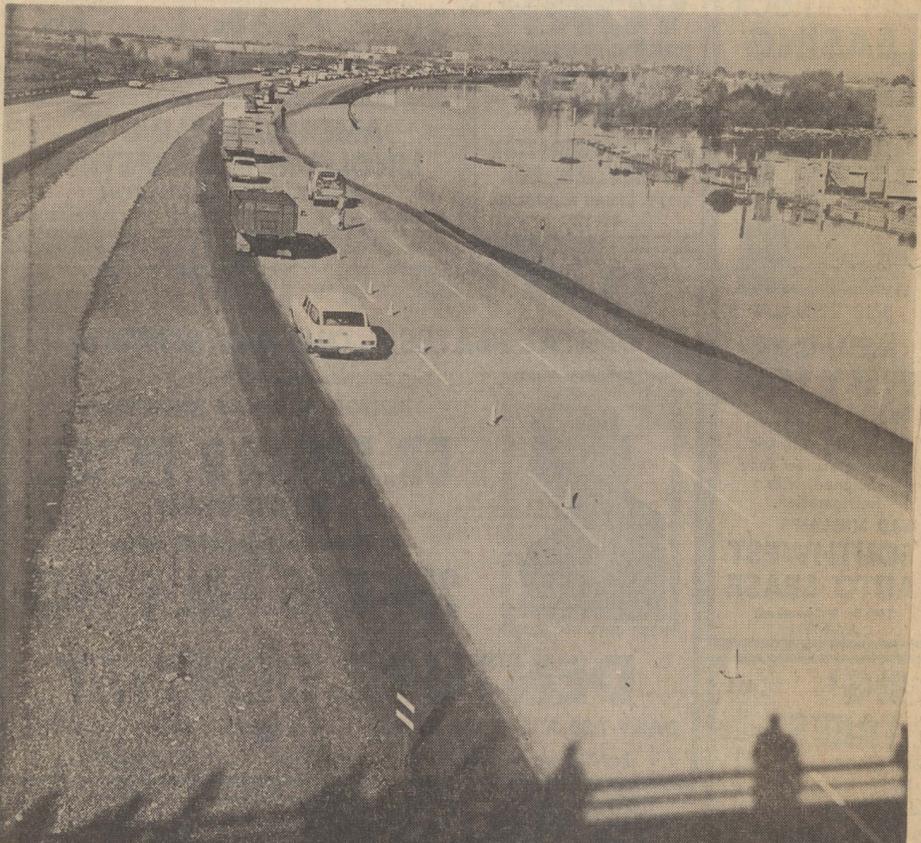
BACK AND FILL—Dump truck unloads rock and gravel into Salt River channel to retard further erosion of Maricopa Freeway foundation. Asphalt parking lane was washed out for nearly 750 feet.

Republic Photo



HAZARDOUS DUTY—An Arizona Highway Department workmen dismantled guard rail on northbound Maricopa Freeway near 28th Street as floodwaters chewed away the road's foundation.

Republic Photo



NEAR-WASHOUT — Sightseers on 28th Street Bridge crossing Maricopa Freeway saw river creeping across two lanes of traffic southwest of where most severe damage was done.

Republic Photo

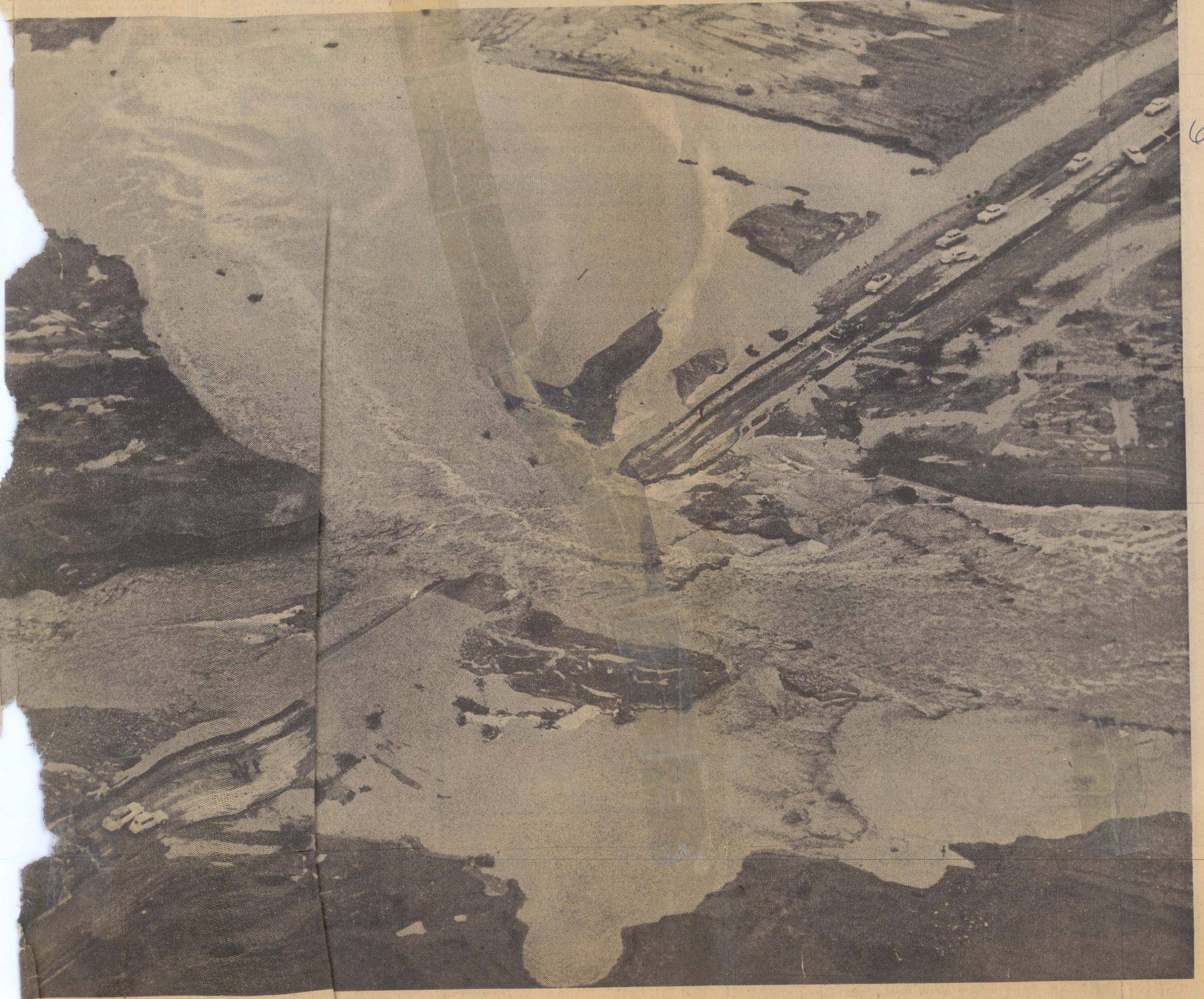


RIVER ROAD—Floodwaters made swift-running stream of 700 block of N. Scottsdale Road and promised a wet New Year's Eve celebration for customers of JD's cocktail lounge.

Republic Photo

Old Man Salt River Rolls On And On

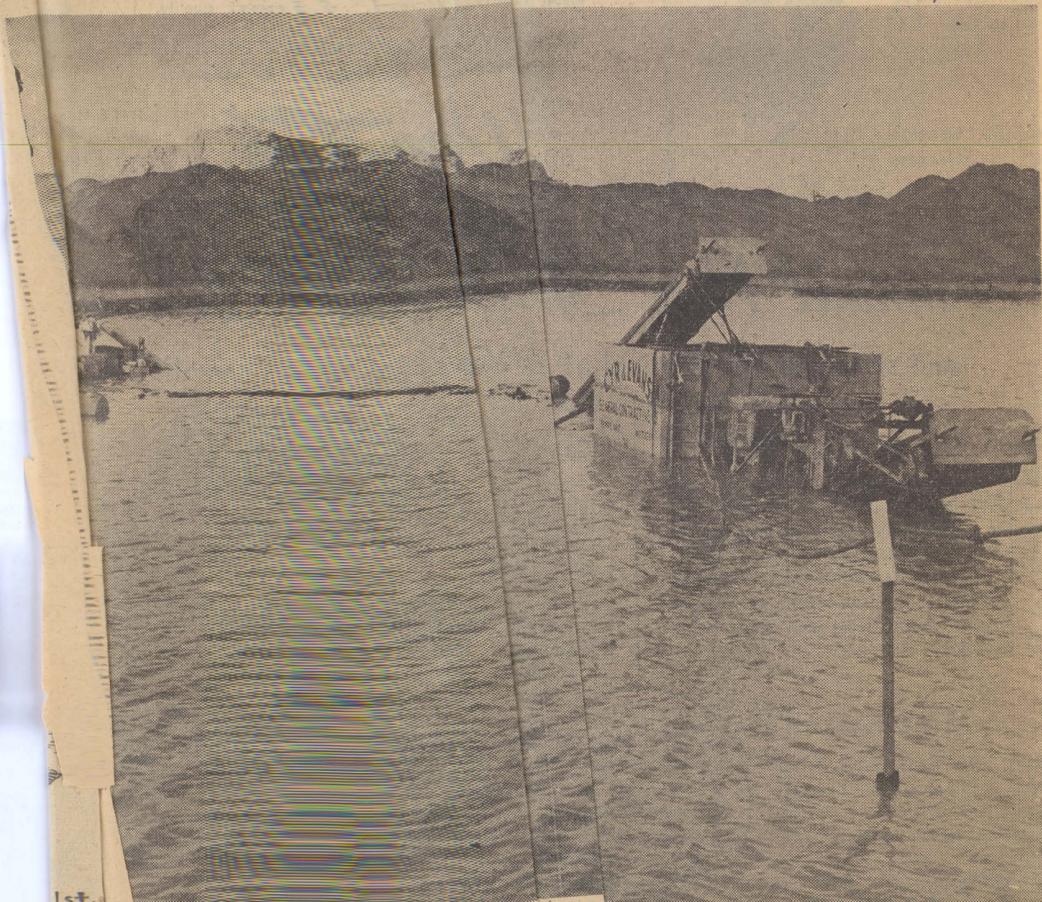
Saturday, October 31, 1959



6

Swam By Series Of Heavy Storms, Muddy Sals Over Scottsdale Road, About 1/2 Mile North Of Transmission Road. Note Adventurers On Island In Center Of Picture. — (Aerial Photo By Don Nobles)

Pit Fills; Road Crumbles



STORM DAMAGE—This is an example of storm damage to roads in all sections of Maricopa County. Raging torrents rushing down the bed of the Salt River ripped up this section of Country Club Drive near Mesa.—(Republic Photo, Jack Karie)

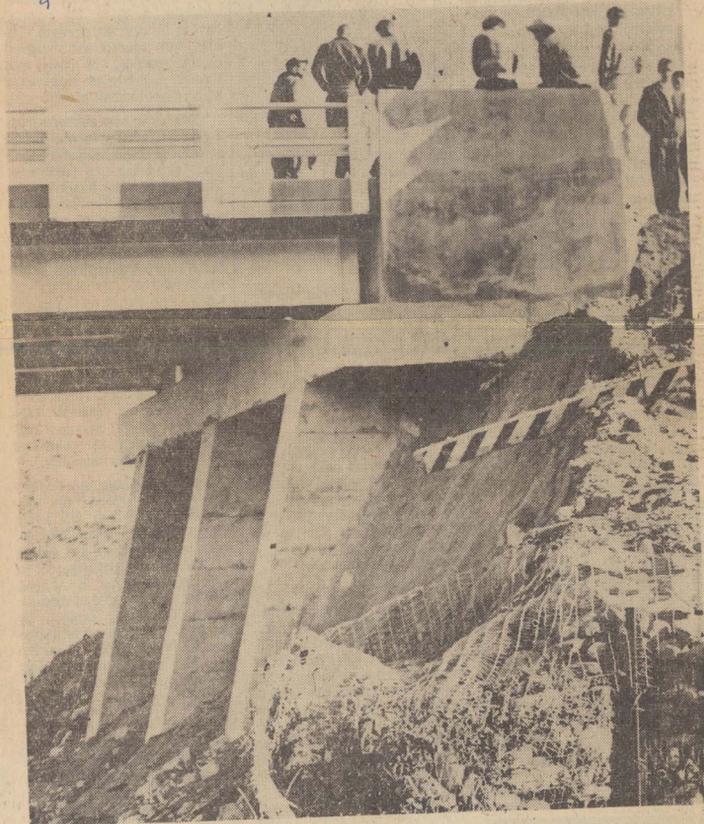
1st. case, No. —Typical of damage at the gravel pit at about 30 feet. Somewhere under this gravel pit is a huge caterpillar tractor, but frogmen would look for it now.—(Republic Photo, Willis Peterson)

No Water Needed



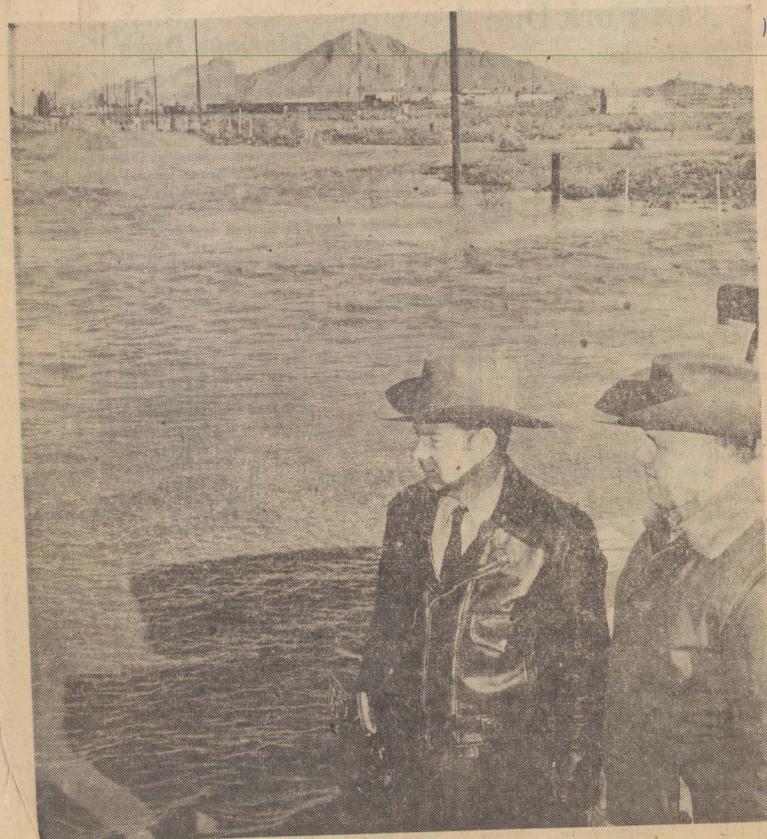
WATER, WATER, EVERYWHERE

... — Flowing in the wake of Arizona's holiday rain, water swelled streams and flooded usually dry washes and river beds yesterday, causing road damage, traffic tieups, and death. Aerial photo by Millie Nobles, at right, shows the swollen Salt River unreading its way through Phoenix. Looking east, that's 19th Avenue in the foreground with the Central Avenue Bridge in upper left corner. More water flowed under the Central and Tempe bridges than most Phoenixians have seen in many years. Football fans en route to the Copper Bowl game at Arizona State University stadium were confined to Van Buren by the flowing Salt. Other photos on this page were taken by Republic Photographers Nyle Leatham, Al Cirou, and Jack Karie.

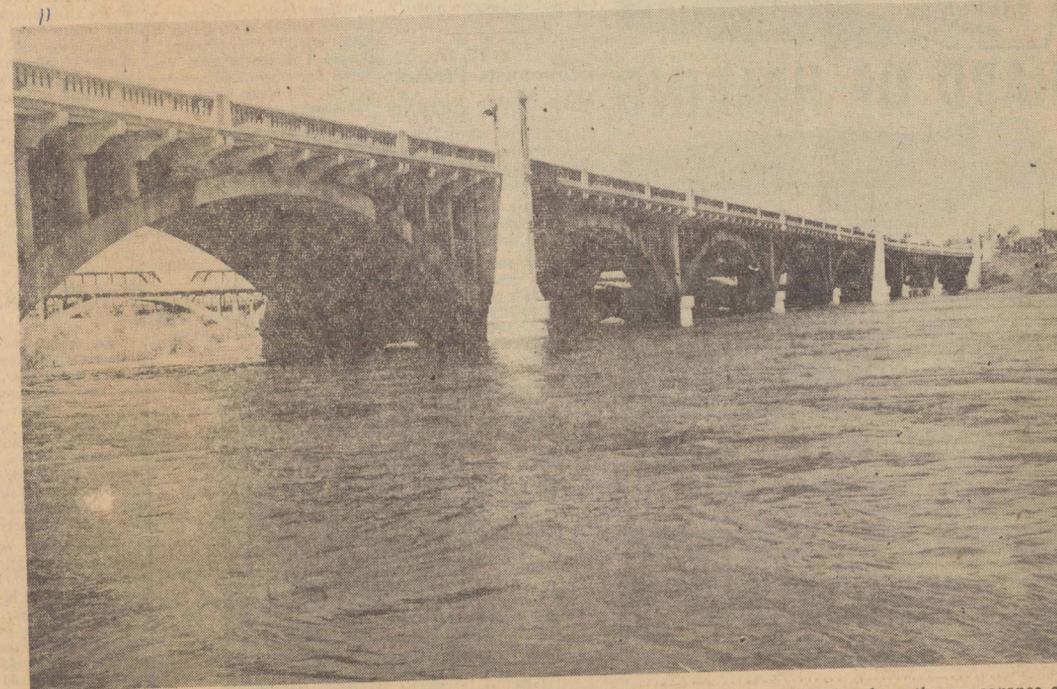


WATER SIGHT — Cars filled with sightseers jammed bridge on South Central to watch vast expanse of floodwater flowing under bridge. At this point, water was over 2,000 feet in width, almost equalling the bridge's 2,162-foot span.

UNDERMINING ACTION — Large area of fill was swept away from beneath Sycamore Creek Bridge, about 35 miles south of Payson, by action of flooding waters.



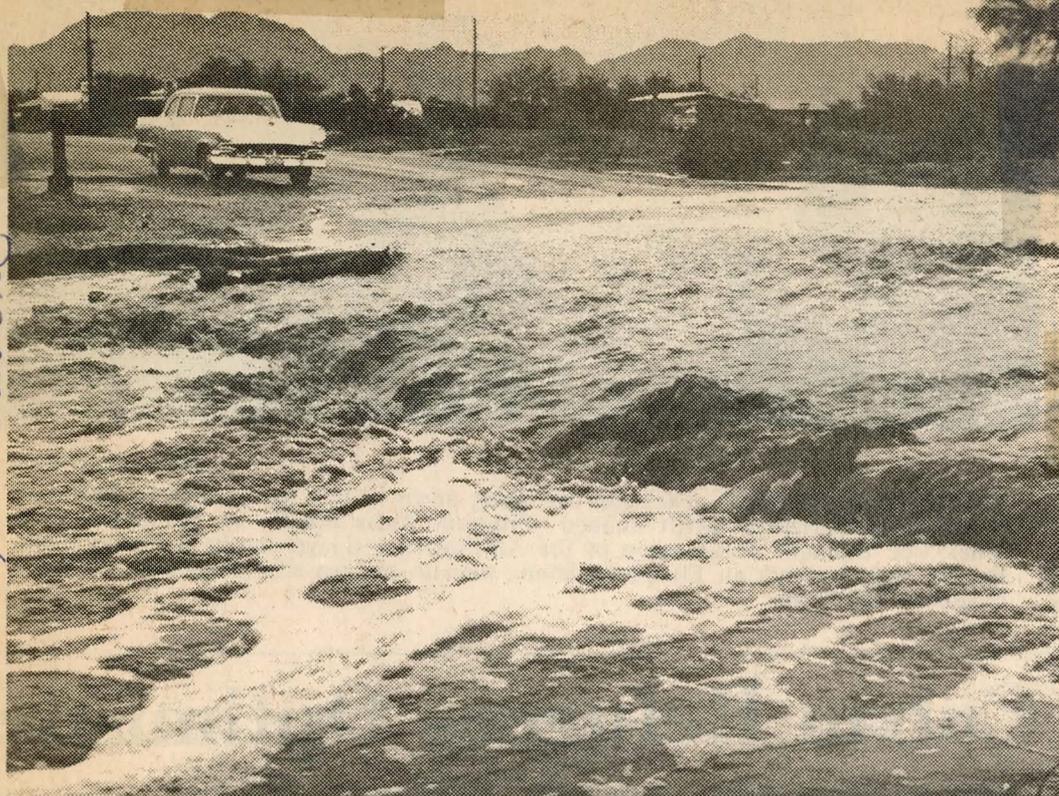
WET CROSSING — Members of Maricopa County Jeep Posse, Bob Hinds, left, 5207 N. Black Canyon, and Bob Flowers, Tempe, watch as water flows across 48th Street at the Salt River.



TORRENT AT TEMPE — River fanciers can take a long look at the Salt River bed from the Tempe Bridge. Usually

resembling a desert, the bed took on the appearance of lake during the storms.

12-11-65
near Phoenix



A FORD FOR FORDING — This Ford sedan found fording was necessary on access road to Apache Trail late yesterday when flood waters created traffic problems east of Mesa between Higley Rd. and Power Rd. (Tribfoto)

Eastern Area Is Flooded

By JACK WILLS

Hundreds of homes, trailers, motels and highway business firms were in the path of coffee-brown desert and mountain flood waters which yesterday swirled from 6 to 18 inches deep in the vicinity of the Higley Rd. crossing of the Apache Trail.

Col. John C. Lowry, chief engineer and general manager of the Maricopa county flood control district said last night he will have to wait until the floodwaters subside before an estimate of the damage can be made.

Lowry said work crews had been busy all Friday afternoon putting up road barricade signs along the Apache Trail and in the area north of there, near Saguaro Lake.

Minor motor mishaps and stalled cars were a frequent sight along the Trail yesterday evening as cars jammed up from a fourth to a half mile each side of the deepest flood water crossing along the highway.

Motel and business owners reported flood waters were running from 6 inches to 1 ft. deep through their establishments, and many residences also were in a similar plight.

Despite heavy downpours at the peak of the flood, state highway department and highway patrol personnel kept the 5 p.m. rush hour vehicular traffic moving along the highway.

One of the hardest hit businesses east of Mesa was the Hi Jolly Date Farm. Owner Max Skolnick said he has been flooded on several other occasions and that yesterday he had called several agencies to complain about the situation.



FREE POOL PRIVILEGES — Diving board (circled) at this Apache Trail motel was nearly submerged by flood waters yesterday afternoon. Scene is typical of scores of motels and trailer courts which flank the Trail between Higley Rd. and Bush Highway. Most property owners had from 6 to 12 inches of water in their buildings. (Tribfoto)

13

STAMPS
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MOTOR
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TRANSMISSION
SERVICE
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BALANCING
*
TUNE UP



MADE HIS OWN NEWS — The camera-toting driver of this Phoenix television news staff vehicle made news himself when he drove off water-covered Apache Trail into roadside ditch. The TV newsman was uninjured and a wrecker pulled the vehicle out of its mirings. (Tribfoto)

New Storm Brings State More Rain

Dec. 16, 1955

Moisture-filled clouds brought more rain into Arizona this afternoon and heavy snow was predicted for the state's higher elevations tonight.

Rain was reported at noon today in the Gila Bend area. The weatherman said the new storm is expected to bring more rain to Phoenix.

DURING THE night, Valley temperatures dropped to the freezing point and Phoenix had its coldest morning in 9½ months.

The cold wave set in when the sky cleared for a few hours after three consecutive days of precipitation.

★ ★ ★ ★ Snow Coats Southwest, Plains Area

By The Associated Press

A snowstorm that dumped as much as two feet of snow in the mountains of the Southwest pushed northeastward today, spilling a white cover across the plains of Colorado, Kansas, Missouri and Nebraska.

By midafternoon, Kansas City, Wichita and Topeka had an inch of snow, and one to two inches more were forecast.

LIGHTER AND scattered falls of snow were prevalent across the northern part of the nation from the Rockies to New England, and there were pockets of severe cold particularly in the Rockies.

Subzero temperatures this morning included 17 below at Worland, Wyo., 9 below at Douglas, Wyo., and 3 below at Bismarck, N. D. Denver's low was zero.

Cool, rainy weather persisted in the Desert Southwest and Southern California, and heavy showers were forecast for the

Other temperatures in the Valley included: North Phoenix 34, Deer Valley 35, and North Mesa 38.

Snow depths today included Williams and Flagstaff 11 inches, Grand Canyon 6, Maverick 28, McNary 7, and Show Low 5.

The Valley's low reading this morning, reported in South Mesa, was 32 degrees. At Sky Harbor, the official Phoenix low was 35—the coldest since the mercury dropped to 33 last March 5.

BEFORE TOMORROW night, snow accumulation on the south slopes of the Mogollon Rim and the Coconino Plateau could reach 12 inches or more.

Forecasts call for snow at the 4,000-foot-elevation level in the Globe-Miami, Clifton and Safford areas.

Low temperatures in Arizona this morning included 7 at Maverick and 9 at Williams.

THE PHOENIX rain total since Jan. 1 today had climbed to 9.94 inches, highest for any year since 10.65 was recorded in 1952.

At 4 p.m. yesterday, the Weather Bureau was advised snow fell for about five minutes at 34th Avenue and Montecito.

The Arizona Highway Patrol continued to warn motorists

Turn to ●STORM on Page A10

Rainfall Total Is Over One-Inch Mark Locally

Tempe Daily News 12-11-65

Water was running at the new Salt River crossing on Country Club drive, Mesa, at mid-morning Saturday and was expected to reach McClintock-Hayden crossing at Tempe by mid-afternoon.

The second heavy storm to visit the state within a span of two weeks, finally moved out of the Valley area — at least temporarily — on Friday night — Saturday morning, leaving behind rainfall totals running well over one inch in the Tempe area.

At the O. L. Barnes home, 1104 Ash avenue and site of a volunteer weather observation station in the heart of Tempe, the final storm rainfall total came to 1.61 inches.

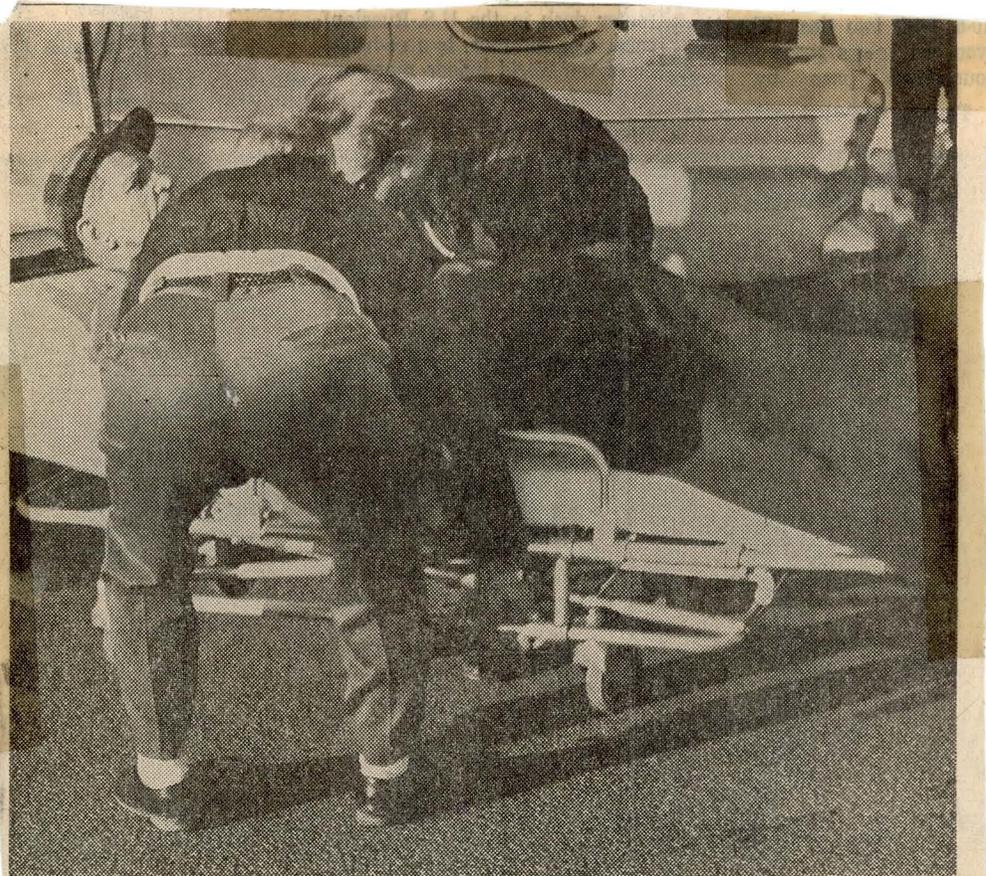
Readings at the Barnes home are made each morning at 8 with the breakdown for the three days of storm activity running

.06, .94 and .61 when the readings were made on Thursday through Saturday respectively.

An even heavier total was noted at the University of Arizona Citrus Station directly south of Tempe as the overall final figure logged there came to 1.86. Daily readings, also at 8 a.m., were .04, 1.12 and .70.

East of the city on the Mesa-Tempe highway, the University of Arizona Experimental Farm came up with a final storm total of 1.24 while straight west at the Sky Harbor airport, site of the U.S. Chamber of Commerce weather bureau, the final tabulation was 1.26.

(Continued on Page 4)



Gazette Staff Photo

Herbert Tidwell of Utah is loaded into ambulance after rising Salt River trapped his pickup camper in river bed near Seventh Avenue.

Phalmer Gazette

12-24-65

More About State Storms

(Continued from Page 1)

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Grand Avenue was flooded and barely passable.

Strong winds accompanied the rainfall in many parts of the Valley. In Scottsdale at the home of William J. Hodges, 15 Thornwood Ave., the wind felled a mulberry tree which crashed atop an unoccupied car.

Throughout the Valley cars were stranded along flooded roads. Motorists waded in the water trying to get a push or sit idly in their stalled cars.

Ben Adair, 9643 E. Apache, said he saw a tree floating on flooded 60-70 near Apache Junction.

Rain continued to fall in some sections of the Valley early this morning.

Reports of the storm activities came in last night like those of a hit-and-run bandit. A storm struck Prescott, closing roads with torrents of rain. Later an inch of rain was dumped on Globe.

The fire department answered six afternoon calls on minor fires caused by lightning in Prescott.

At the Miller Valley Southern Baptist Church, west of Prescott, lightning struck the bedroom of the Rev. Eugene Virt and destroyed most of his personal possessions.

The Yavapai County sheriff's office reported a car washed away in a creek which the driver tried to cross. The driver escaped.

The heavy rain began at noon.

"Our two biggest creeks, Grants and Willow, are running the fullest I've seen them in 10 years," said Sheriff G. A. Ayars.

PRESCOTT Airport north of town reported only .2 of an inch of rain during the storm. Miller Valley reported 3 inches, and Iron Springs, 3 miles west of town, 1.83 inches.

Heavy rains throughout the Tonto National Forest have eased the fire threat, Forest Fire Chief J. J. Baldwin said.

He said he has dismissed three fire-fighting helicopters which the forest service had rented since June and has pulled down lookouts from seven towers.

San Manuel, 30 miles north of Tucson, had 2.61 inches of rain in one hour yesterday afternoon. Some houses and streets were flooded and there were several power failures, the Weather Bureau said.

Motorists reported yesterday afternoon that Arizona 77 was flooded and impassable for two miles south of Winkelman, 37 miles south of Globe. Three washes were reported flowing over the highway.

The Weather Bureau at Tucson airport reported .16 of an inch of rainfall.

Buckeye was the hot spot in the state with a high of 102. Temperatures in the rest of the state were generally low. Phoenix had a high of 97 degrees.

REPUBLIC 8-17-63

of-the-mill, politically speaking. One is the brother of the governor.

by rejecting the cemetery application.

Gazette 8/21/63

When The Floods Pour In

Nothing is so inevitable in Arizona as that sooner or later the storms will come, bringing with them a kind of flood danger not often encountered in other sections of the country. Parts of Phoenix are even now mopping up following what was, after all, a moderate demonstration of the peril.

In view of the rather widespread flood damage to homes, furniture and landscaping so far this year from rains which were of restricted severity, it seems pertinent to remind home builders and buyers alike that a strong liability is incurred by anyone who obstructs natural drainage ways. The State Legislature a few years ago declared it the legal duty of builders

to provide fully adequate drainage in place of any wash or other natural drainage way that might be filled in during development.

This is not to say that all flooding conditions during a storm are caused by human error. Much of the Salt River Valley's terrain is naturally subject to flooding in a cloudburst. This condition eventually will have to be overcome by artificial flood control measures. But where washes are filled in and natural slopes altered in such a way as to divert flood waters without giving them some safe place to go, liability does exist.

It is worth while to see that the drainage ways are left open.

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What Makes T... C... 11-12

14 Aug. 18, 1963

Arizona Republic - page 1

15



Republic Photo by Nyle Leatham

CHIVALRY — Faye Manners, 4412 N. 67th St., is given a ride across four-foot deep water at W. Campbell and 71st Avenue by Richard Spencer, 6918 W. Coolidge.

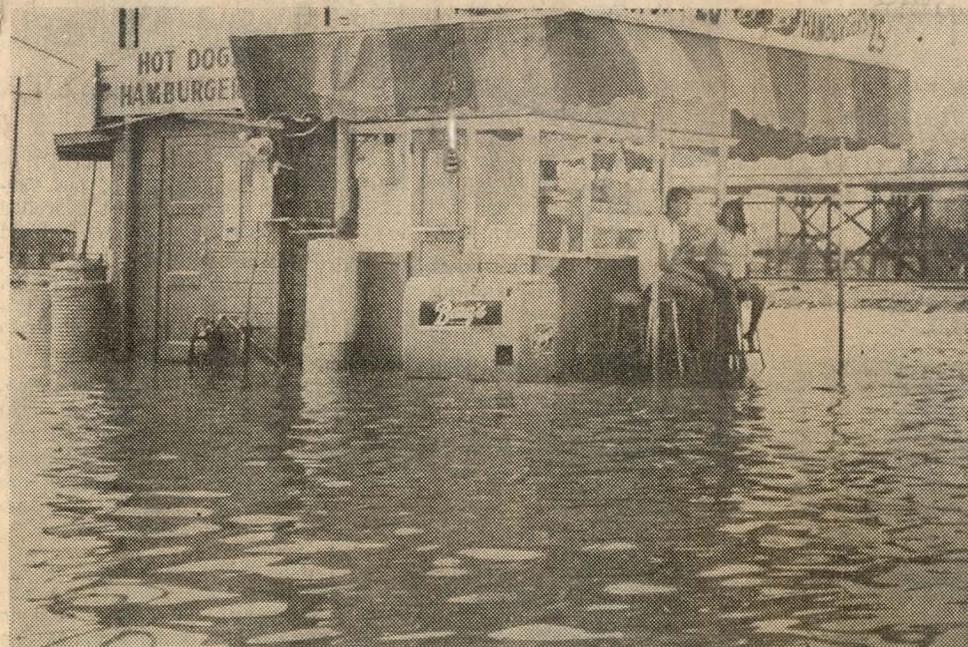


Republic Photo by Nyle Leatham

WHAT NOW?—This pouch was placed on a water-filled Corvette sports car by some children who

said they felt sorry for a swimming dog with no place to rest. Scene is W. Campbell at 70th Avenue.

16



Republic Photo by Thelma Heatwole

STEADY CUSTOMERS — Despite surrounding water, these two young Glendale residents yesterday patronized Joe's Place, a hot dog and hamburger stand at the intersection of Grand and 57th Avenue. The couple waded through one foot of water to reach the dryness of Joe's chairs. (Additional Pictures and Story, Page 1B.)

1 Killed, 5 Inches Of Rain

MUCH of the Valley's west side stood knee-deep in water yesterday after one of the worst floods on record here.

Rampaging rain, totaling 5 inches overnight in at least one area, left these scars:

—An estimated 100 homes flooded in West Phoenix with dozens of families evacuated.

—Many stores in downtown Glendale soaked with several

Another Story and Pictures On Page 1-B

inches of water that streamed over curbs.

—Countless streets and highways flooded and crumbling.

—A 16-year-old Glendale youth electrocuted when he touched a utility pole during the storm.

A series of thunderstorms spawned over the Gulf of Mexico was responsible. The storms first pounded the Valley's east side Friday night, then shifted their wrath to the west side.

It was late morning in some areas before the rain stopped. Some spots averaged an inch of rain an hour.

An unofficial rain gauge near Glendale showed 5 inches of rain.

Neighborhoods along the Grand Canal in the Maryvale area of West Phoenix were particularly hard hit in the flood.

TRAPPED water in the canal surged over and burst through sections of the south bank, then poured through yards and finally through doorways.

Homes in a tract near 71st Avenue and the canal called Sunset Knolls were evacuated. Cars were left stalled in water that reached the door handles.

Some home owners left in row boats and walked out, waist-deep in water.

A spokesman for John F. Loraine builders said about 25 of their houses were damaged. The firm also lost heavily materials stored for new construction.

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Another Story and Pictures
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A spokesman for John F. Loraine builders said about 25 of their houses were damaged. The firm also lost heavily materials stored for new construction.

Carpets were ruined. Furniture and walls were stained.

City police and rescue units worked with the Red Cross to care for families driven from their homes.

The Red Cross reported 30 persons received emergency assistance with food, clothing, temporary housing and medical care.

Sheriff's Capt. Robert Heck said 40 persons were bedded down at a gas station at 67th Avenue and Indian School Friday night and early yesterday morning. Seventy-five persons assisted in this rescue operation and more than 100 persons were brought to the Salvation Army station there during the night.

Heck declared that the flood was the worst in his recollection of 33 years here.

Sixteen-year-old Mike Leija, son of Mr. and Mrs. Santos Leija, 6621 N. 59th Ave., Glendale, was electrocuted at 59th Avenue and Grand, Glendale police said. It was not determined whether he was electrocuted by electricity from the pole or by lightning, according to police.

AN AMBULANCE which picked up Leija later was caught in a flood at 59th Avenue and Morton. The driver said water gushed up to the steering wheel, and the

(Continued on Page 8-A, Col. 1)



WHAT NOW?—This poch was placed on a water-filled Corvette sports car by some children who

Republic Photo by Nyle Leatham said they felt sorry for a swimming dog with no place to rest. Scene is W. Campbell at 70th Avenue.



16
Republic Photo by Thelma Heatwole
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Toast to the Valley: 'Mud in Your Eye'

By JOE COLE

My name is mud, the Valley of the Sun said yesterday.

The inhabitants of Phoenix and environs wondered whether they could begin shedding the liquid dirt of nine out of 10 rainy days. Last night, they found their thoughts, their floors and everything else in one condition.—Muddy.

The dust of the desert is gone. But a greater nuisance has replaced it.

Bedraggled little Mexican doves shuddered and huddled, their feathers fluffed, waiting for the sun to shine and the waters to recede and expose their food.

Steers in southeast Phoenix stockyards, resigned to their fate, quit trying to stand hock-deep in smelly muck—they lay down in it.

A stray dog pondered, dejected, and stared into a puddle in a potholed, unpaved south-side street. There weren't any kids to play with. There weren't even any cats to chase.

A Holiday Dampener

The loneliest place in town was a car wash.

But the laundromats found a booming business. Their dryers did triple duty. Homemakers who had relied on that wonderful Arizona sunshine learned or relearned what Easterners already know. An automatic dryer is, at times, a near godsend.

The downtown business district felt the soggy shock. Fewer than usual office workers were on the streets at noontime, despite the Christmas shopping season.

It was only the hardiest of pensioners who found the city's park benches a pleasant place to be.

In the basement of the modern county complex, the water drip-dripped from the landscaped plaza above. The leaks reminded one of the roofs of eastern tenements.

The city's main streets, their resistance lowered by constant rain and constant traffic, crumbled and caved in at the weakest spots.

Result: tire-rending chuckholes hidden in opaque and quiet water. The ritty devastation of unpaved streets was umentionable.

Into Each Life . . .

Construction workers and their heavy equipment groaned through a light drizzle as they put a storm sewer on Van Buren east of 24th Street.

The manager of a service station on torn-up N. Seventh Street trudged through the mud to the shoulder of the road at mid-afternoon and, in disgust, hung up a sign: "Closed."

Nerves of schoolteachers and mothers strained against the strident demands of their equally wound-up charges to get outside. The mud, on streets and driveways, playgrounds and yards, said, "No."

Christmas tree lot attendants and school crossing guards did their jobs. So did garbage collectors and mailmen. None of them indicated they liked it.

Even if the rain should end the mud and its annoyances won't.

James A. Stokely, Phoenix streets and sanitation supervisor, and his crew don't hope to catch their breath for another four weeks after it ends.

It will take city street crews a week to get main paved arterials back into shape, another week to repair the worst damage to the city's unpaved streets, and two weeks more to get all the silt and debris out of the way.

The street maintenance men are profiting from the gentle deluge. They have amassed some 1,200 hours of overtime since Dec. 10. But they are too tired to appreciate it.

Out in the country, unpicked cotton droops dully from leafless plants, or wallows in wet brown soil, its clean natural whiteness gone forever.

Lettuce fields, flooded like irrigation furrows, drift to seed and weeds; because the pickers can't work. The pickers sit in their homes and contemplate being hungry.

Phoenix may smile again—but the hope is that the smile will be a dry, sunny one.

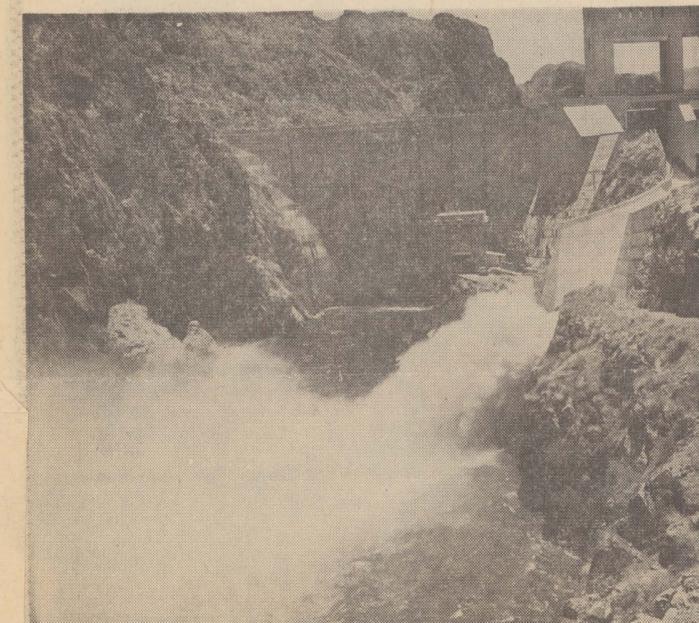


MUD AVENUE—Chuckholes on this south-side street and many other unpaved streets in all parts of the city yesterday presented a hazard that slowed traffic to a near-crawl in residential areas and threatened what few pedestrians there were with dirty splashes.



SLOPPY SALAD—The Valley's winter lettuce crop suffered considerable damage in the moderate but enduring rain of the past 10 days. Water stood at field's edge and between the rows of overripe lettuce on acreage on W. Glendale Avenue yesterday.

★ ★ ★
 Republic Photos By Harrison Brown
 And Earl McCartney
 ★ ★ ★



WATER RELEASED—Fast-rushing water flows from spillway gates at Mormon Flat Dam on Canyon Lake. In the background are generators of the Salt River Project facility, which is storing 57,757 acre-feet of water.

More About

Rain Due Again

(Continued from Page 1)

tion totals in the 30-hour period ending at 11 p.m. yesterday were Maverick, .75; Nogales, .59; Wickenburg, .74, and Globe, .76. Coolidge had .23 inch, Tucson .16, and Yuma received .11.

Phoenix reported .21 inch of rain in the same period, but only .05 since midnight yesterday. The rain brought the total precipitation for December to 2.16 inches, and for the year to 10.16 inches. This compares to an average precipitation from Jan. 1 to this date of 6.78.

In addition, the Salt River

Project reported the runoff from its watershed area in the last 24 hours was 11,397 acre-feet, making the total water storage in project lakes 1,487,493 acre-feet, or 72 per cent of capacity.

Project officials minimized chances of any overflow at Saguro Lake requiring any release of water into the Salt River bed. They said Saguro contained 48,352 acre-feet of water yesterday, more than 20,000 acre-feet short of its capacity. Dec. 9, Saguro contained 43,400 acre-feet.

Acre-feet of water stored at the lakes includes Roosevelt, 966,288; Apache, 240,304; Canyon; 57,757; Horseshoe, 77,804 and Bartlett, 96,988.

Niece Loses Will Protest

The great-grandniece of a one-time woman rancher has lost a lawsuit to claim half-interest in her great-grand-uncle's \$1.2 million ranch estate.

Superior Court Judge Donald Daughton ruled that Mrs. Helen Irene Rymal Brewer, of Zuni, N. M., was not entitled to half of the ranch, part of the estate of Mrs. Netta L. McDonald, who died in 1961.

Mrs. Brewer claimed in a seven-day trial ending this week that she was entitled to half the 660-acre ranch on Buckeye Road between 35th and 51st Avenues, under terms of a 1951 will.

Daughton found that Mrs. McDonald's nephew, Francis M. Peterson, who lives on the ranch, legally owns the entire property because Mrs. McDonald signed it over to him, outside the will, in 1960.

Daughton rejected Mrs. Brewer's contentions that Peterson used undue influence on Mrs. McDonald and that Mrs. McDonald was not competent mentally.

BERLIN WALL OPENS

BERLIN (UPI) — The Communists will open the Berlin Wall today for the first time in six months to allow West Berliners to visit relatives in East Berlin during the Christmas holidays. The wall will be slammed shut again Jan. 3.

THE SNOWSTORM leaving Arizona is moving eastward, and heavy snow warnings are posted for central and northern New Mexico. More than 7 inches of snow fell by yesterday afternoon at Grants, N.M., and the Weather Bureau expected another 4 inches last night.

Snow is not confined to the Southwest. Snow flurries persist northward through the Rockies and across the northern tier of states from the Cascades to the Appalachians. Areas lying just east of the Great Lakes picked up around an inch of new snow yesterday.

Only southern Florida remained under the influence of warm tropical air. The remainder of the nation was cold.



RAIN CAN'T READ—A stop sign at Ninth Avenue and Pima in south Phoenix yesterday reflected its message in a puddle, mute evidence that the rain wasn't paying any attention.



CAR POOL—Traffic was no great problem yesterday—until passengers got out of cars. Water stood on parking lots and sidewalks and curbs as Phoenix soggly sat under the spell of rain.

Many Agencies Join to Help Idled Farm Workers

Welfare agencies, Phoenix churches, the American Red Cross and the Salvation Army agreed yesterday to combine efforts to provide emergency relief for Maricopa County farm laborers thrown out of work by prolonged rains.

The broad-scale effort was launched at a meeting with State Welfare Commissioner John O. Graham.

The State Welfare Department has already distributed three truckloads of surplus food to the hard-hit farm workers, kept from working by wet, muddy fields. Emergency commodities were issued yesterday at Tolleson and Buckeye and Thursday at Avondale.

The welfare department will make special distributions of surplus food "as long as the emergency exists, until workers can get back in the fields," said George Crane, Maricopa County welfare director.

CRANE SAID the county's welfare warehouse at 15 E. Buchanan will be open from 8:30 a.m. to 3:30

p.m. next Monday through Thursday to make surplus food available to needy laborers who come there. The supplies are distributed to emergency cases, not families already on welfare.

Separate truckloads of surplus food will be distributed by welfare workers at 10 a.m. today at the Peoria Woman's Club and at Dysart Center in El Mirage.

The Salvation Army, represented at the meeting by Capt. David Reilly, Southwest divisional officer, and Mrs. Ethel Martin of Phoenix, director of family services, offered assistance. Salvation Army representatives will be on hand starting at 9 a.m. Monday at the Dysart Center in El Mirage, the Peoria Woman's Club, and city halls in Buckeye, Tolleson and Avondale.

The Salvation Army family services offices in Phoenix will be open today for local farm migrant workers.

The Phoenix office of the American Red Cross,

represented by Lee Krebs, Maricopa County executive director, offered trucking facilities and agreed to seek assistance from the Arizona National Guard for other transportation.

The Arizona Migrant and Indian Ministry and the Phoenix churches announced plans to collect food-stuffs and donations. Field workers of the migrant ministry will deliver commodities collected by the churches.

Central Methodist Church, 1875 N. Central, will serve as central collection point for public donations of food and money. Items needed, not among surplus food being distributed by the state, included canned fruits and vegetables, canned milk, sugar, salt, baking powder, soup, canned tomatoes and cheese.

Mustang Car Club members will be on hand today at Maryvale, Chris-Town, and Park Central shopping centers to collect public donations and bring them to Central Methodist Church.

New Storm Moves into Arizona



EDUCATIONAL LEAP — Mesa Junior High student executes leap this morning to cross a gutter flooded by the before downpour that hit there. Additional pictures on Page 8. (Tribfoto)

Storm Disrupts Lines to Phoenix

By JACK WILLIS

A manhole full of water at an intersection on MacArthur Dr., Tempe, was the cause of a telephone disruption which began about 11 a.m. today, the Mountain States Telephone & Telegraph Co., stated.

Crews were working on the manhole difficulty at noon today, but the trouble was not expected to be cleared until 3

or 4 p.m. said a telephone company spokesman.

Affected by the telephone disruption were Mesa, Chandler, Globe, Higley, and the Superstition areas, none of which were able to place calls to Phoenix, according to the telephone company.

All of the communication company's mobile phone units were made available to hospitals and other emergency centers in the stricken area to provide needed service. Law authorities in each community also were notified of the mobile phone availability.

Outgoing telephone service

n Moves into Arizona



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Outgoing telephone service from Mesa to Phoenix and Scottsdale was disrupted shortly before 11 a.m. today with damage to a trunk line reported as a possible cause.

The Mesa zone office, 25 W. Pepper Pl., was unable itself to call Phoenix directly, but maintained internal communication by going through its Tempe zone.

Mesa Lutheran Hospital was the only local hospital, contacted by The Tribune, which reported emergency situations arising which necessitated Phoenix contacts. An anesthesiologist needed for an emergency was contacted through Tempe, said a hospital spokesman.

Telephone calls to local law authorities complaining about the situation constituted a nuisance factor, but were not unusually heavy. The Mesa office of the sheriff's department was able to maintain Phoenix communication only through use of radio equipment.

Telephone patrons who dialed Scottsdale from Mesa were greeted with a high-pitched squeal after the first three digits were dialed. The whine continued after the other four digits were dialed.

Calls to Phoenix were greeted by silence broken occasionally by muted background noises. Attempts to notify the "Operator" of difficulties by dialing "0" also were futile, since the "Operator" is at the Phoenix exchange. Continuous busy signals were the only response to an "0" dialing.

12-23-65

Flood Threat Along Gila

Arizona Republic

23



Republic Photo by Ludwig Keaton

LAKE ASU — Rains from the storm which drenched the state yesterday left the parking lot next to the tennis courts at Arizona State Univer-

sity looking like a small lake. The new rains added to the headaches of road repair crews who hadn't filled all the chuckholes caused by rains last week.

Reservoirs Brimming Over

Too Much Water Below Roosevelt Dam Creates Flood Problem for Valley From Lower Lakes

A RESERVOIR storage problem yesterday cast a shadow on the Salt River Valley's best water prospects in 25 years.

Salt River Project officials began releasing water into the Salt River system from Stewart Mountain Dam at Saguaro Lake late yesterday.

The spillage is expected to reach 48th Street at 9 a.m. today. It will be swelled by runoff into the river from below the reservoirs.

LAST NIGHT, water was flowing over Granite Reef Diversion Dam below the reservoirs at the rate of approximately 2,000 cubic feet per second. The dam regulates water flow into the canal system.

A U. S. Soil Conservation Service water expert said yesterday that November and December precipitation at higher elevations has got watershed storage off to a "good start" for spring runoff.

Richard L. Enz, snow survey supervisor, was optimistic that snow cover in the mountains above 8,500 feet will produce the best water storage since 1941, the last time Salt River reservoirs overflowed.

ENZ SAID rain on top of snow in intermediate elevations yesterday was producing an immediate runoff more rapidly

than warm temperatures would have produced by direct melting.

The three lower lakes of the Salt River storage chain—Apache, Saguaro and Canyon—were reported at full operating capacity last night, with the fourth

lake, Roosevelt, able to take about 400,000 acre-feet more.

Heavy rain in the Phoenix area eliminated one possible (Continued on Page 9, Col. 3)

More About

Watershed

(Continued from Page 1)

safety valve for handling water dumped from the dams.

THE VALLEY'S canal system was full of local rain runoff, making it impossible to use the canals to divert water from the Salt River around Phoenix and back into the river below the city.

Project officials were uncertain about the possibility of having to dump water from Saguaro Lake on a larger scale last night.

The lakes' operating capacity is below actual capacity, officials said, creating a buffer that possibly will help avoid major water release unless the storm continues longer than anticipated.

Wet, Muddy Grounds Hurt Agricultural Areas in State

Arizona Republic 12-24-65

Cattlemen Pleased With Rain

MUDDY GROUND in the state's agricultural areas is doing immeasurable damage to farmers and farm workers alike.

Cattle growers, however, were quite enthusiastic about the state's lengthy drenching. For them, the rain has done "nothing but good," according to Bill Davis, executive secretary of the Arizona Cattle Growers Association.

Farm laborers have been able to work in the Phoenix area only sporadically for the past two weeks.

The same conditions yesterday again prevented already-overdue planting of potato and safflower crops, and caused some concern for the growing spring lettuce crop.

The spring lettuce should have been thinned and weeded several days ago, according to Dr. Ivan Shields, Maricopa County agent.

Shields also reported that the rain has been good for alfalfa growth in fields occupied by winter-grazing sheep, but that muddy conditions are allowing the sheep to tear up the fields.

BETWEEN 5,000 and 6,000 head of cattle were moved to higher ground yesterday at stockyards in southeast Phoenix to avoid deep mud and water accumulated in pens near Salt River bed.

Wade Lacy of the Arizona Cattle Feeders' Association reported that feeders had been forced to erect temporary fences for the cattle in some instances.

Shields said the hock-deep mud in the pens hurts the beef cattle by causing the rate of weight gain to drop.

The cattle growers, however, saw the rain producing some desert growth now, enough for grazing, and were certain that the water being stored would be most helpful in the spring.

The rain and runoff have knocked down some fences and washed out some ranch roads, said Davis. But water tanks are all filled, saving future hauling, he added.

Earlier rains, combined with Wednesday's storm, killed chances of the Valley's navel orange growers to capitalize on the Christmas season.

The precipitation also has been beneficial to rangelands, producing quick growth of winter grasses, but has arrived too late to boost heavier browse plants, according to Shields.

High Waters Bring Crossing Woes

12-28-65 Arizona Republic



Republic Photo by Ludwig Keaton

TOO MUCH WATER — Mr. and Mrs. John L. Mack, left, were stranded yesterday in their station wagon in this flooded section of 115th Avenue

at the Salt River, but James King and his daughter, Rosemary, pulled them through the foot-deep water with a pickup truck. Ray Hamilton, of

Jackson Hole, Wyo., who was stranded with the Macks, then drove through in his camper. Man with back to camera is unidentified.

More About

Rivers Flood Countryside

(Continued from Page 1)

son and Safford because of raw sewage running into rivers.

In Tucson, Pima County Sanitary District No. 1 asked for federal and state aid. Kenneth Scharman, manager of the district, said the Rillito cut away a mile of sewer interceptor line, and 4 to 6 million gallons of sewage had poured into the river the past 24 hours.

Sewage was flowing into the Gila River at Safford, and Dr. Moore warned that some of it could seep into wells used by families down river. He advised them to boil water once they begin using the wells again.

Harold Gates, Civil Defense chief in Graham County, said water supplied by public utilities in the Gila Valley is safe. He advised residents of Thatcher, Pima, Fort Thomas and Safford to boil pump water.

ALONG THE Gila and San Francisco rivers above Coolidge Dam and the San Carlos Reservoir, the situation was this:

The Weather Bureau said the upper Gila River at Cliff, N.M., about 25 miles east of the Arizona border, peaked at 12.5 feet Wednesday night, 4½ feet above flood stage, but had dropped to 10.5 feet last night.

The San Francisco River through Clifton was dropping. Sandbagging took place during

the night at critical areas. The Gila River at Duncan was believed to have crested and no problems were anticipated.

IN THE Safford area, about 35 or 40 miles downstream from where the Gila and San Francisco rivers join, dike building took place in Little Hollywood, a mile east of Safford. Water was creeping into the community of about 500 last night and Civil Defense authorities were ready to evacuate residents if necessary.

The Gila River was a mile wide in the Safford area and the Weather Bureau said high water would continue to produce flooding through the night, with receding coming today.

San Carlos Reservoir, into which the Gila empties, has a 1.2 million acre-foot capacity and had 103,745 acre-feet in it yesterday. District officials said they do not anticipate the water coming from the Gila will fill the reservoir.

BELOW Coolidge Dam, runoff from the desert and mountain ranges in the Coronado National Forest was filling the San Pedro River and Aravaipa Creek.

The San Pedro and Gila River join at Winkelman, but no damage was reported there. However, at Kelvin and Kearny northeast of Winkelman, the situation was different.

A dozen families were forced

to flee their homes at Kelvin, a town of about 200. At Kearny, the airport was said to be 3 to 4 feet under water and a small subdivision was flooded.

FURTHER east along the Gila, 50 families living in the San Tan area 20 miles northwest of Coolidge were evacuated and were being sheltered in the Sacaton Community Center on the Gila River Indian Reservation.

The situation in Pima County was this:

The Rillito, in addition to damaging a good part of the Tucson sewage system, wrecked two river bridges and flowed into a trailer park development. Residents fled, and the waters swept away several trailers.

THE RILLITO and the Santa Cruz were reported to be cutting a wide swath north of Tucson, and in the Eloy area the dike broke at Green Reservoir, near Friendly Corner, 9 miles south of Eloy.

Water from the Santa Cruz was flooding east into the desert in Pinal County and Civil Defense last night evacuated about 150 Indians at Chuichu and took them to Casa Grande, 9 miles north.

Thousands of acres of farmland along the Gila, San Pedro and Santa Cruz rivers were under water, and some flooding was reported south of Tucson between there and Nogales.

OFFICIALS were worried about potential flooding in the Maricopa and Stanfield areas of Pinal County. The road between Maricopa and Kyrene, 3 miles south of Baseline, was cut by floodwaters.

State Civil Defense officials, with headquarters in the basement of the state capitol, were in touch by radio with CD officials at 30 points throughout the state.

They made arrangements throughout the day to make certain sufficient housing, food and clothing would be available wherever required.

In Maricopa County, flooding rivers and washes closed the following roads:

APACHE TRAIL at Tortilla Flat; Cave Creek Road at Bell; all roads leading west from Phoenix except Glendale Avenue and U.S. 80, the latter restricted to one lane in each direction at the Agua Fria River bridge; N. Country Club Drive north of Mesa at the Salt River; Hayden and Scottsdale roads at the Salt River; travel across the Tempe Bridge was restricted.

In Phoenix, 48th and 40th streets were closed at the Salt River because of water over the road, and 24th and 16th streets were closed because water was eating away at the earth around the bridges. The city also indicated it might close Seventh Street for the same reason.

AVONDALE police reported that the occupant of a car spotted in the Agua Fria River late Wednesday night had made his way safely to shore. He was identified as Bruce Redondo of Glendale.



Republic Photo by Nyle Leatham

ONE WAY (FOR DUCKS)—This was the view looking over the west-side railing of the Tempe Bridge yesterday. Had it not been for the 5- to 6-foot deep Salt River you would have seen the Arizona State University "football road" that leaves the Phoenix-Tempe highway at the north end of the bridge, and runs down into river bed where it turns to Sun Devil Stadium.

Families on the Flooding Santa Cruz Evacuated From Inundated Areas

By VINCE TAYLOR
Pinal County Bureau

CASA GRANDE—Farm families along the Santa Cruz River from Stanfield to Marana were evacuated yesterday, as debris-laden floodwaters rolled down the normally dry river toward a meeting with the rampaging Gila.

At Sacaton, 50 Indian families were bedded down in the community center after being evacuated from the San Tan area.

An estimated 10,000 acres of fertile Pinal County farmland was inundated.

FARM SPOKESMEN said it was impossible to give any estimate of the damage until the water subsides.

Mayor Paul Pearce of Eloy, farmer in the Green Reservoir area, south of Eloy, said an aerial survey showed the Santa Cruz River was 2 miles wide

in some places. The river is normally 50 to 75 feet wide.

The crest, he said, would likely hit early this morning.

"But," he added, "it's going to run like this for at least 24 hours."

THIRTY-FIVE to 40 families were evacuated in the Green Reservoir area after a 20-foot dike broke about 8 a.m. yesterday, flooding a half-dozen farms. The sheriff's office reported late yesterday afternoon that the dike had broken in another spot farther west.

Pearce said the farms of Jim Savage, Bill Warren, and Tom Wilmoth were flooded, and part of the Wooten-Casey farm was under water. These are major farms in the area south of Eloy.

Most of the flooded acreage was cotton land, the Eloy mayor said.

Flying with Al Hammond, Eloy pilot, Pearce surveyed the

area about noon yesterday. He said the Santa Cruz was out of its banks, and "spreading out" from Marana westward.

AGGRAVATED by three weeks of almost continuous rainfall, Pinal County's cotton harvest has been all but postponed with work virtually at a standstill.

As the floodwaters coursed down the Santa Cruz, 150 residents of Chuichu, on the Papago Indian Reservation, were evacuated to Casa Grande, 9 miles north, as high water approached.

Farm homes in the Stanfield area were also being evacuated.

Ed Pederson, Casa Grande city manager said a truckload of surplus commodities was being sent to Sacaton. He said the National Guard unit here was alerted, and had supplied cots, blankets, and other goods for evacuees.

Raging Rillito Tops \$1 Million Toll

By JAMES E. COOK
Southern Arizona Bureau

TUCSON — Normally dry Rillito Creek became a tiger of a river yesterday, wrecking two major bridges, three mobile homes and perhaps \$1 million worth of sewer system.

Muddy officers, trailer owners and volunteers labored last night to clear a neighborhood of trailer lots in the Flowing Wells district, where the river had already carried away an estimated five acres of ground.

PIMA COUNTY Sanitary District No. 1 asked for state and federal disaster relief. A sewer system which serves 40 per cent of metropolitan Tucson was pouring raw sewage into the flood.

Rain, hail and snow, falling on ground already saturated by one of the wettest periods in Tucson history, swelled the Rillito to the top of its banks.

When the banks were not wide enough, the river chewed them away or changed its course. Then it joined the rising Santa Cruz northwest of Tucson and swept on for a potentially disastrous meeting with the flooding Gila River in Pinal County.

Bridges across the Rillito at N. First Avenue and Campbell, both major thoroughfares, were swept away. The sheriff's office reported that bridges at Oracle Road and Dodge Boulevard were holding.

The Rillito chewed into a community of individually owned trailer lots near the bridgeless Flowing Wells Road crossing. County jail trustees helped evacuate occupants closest to the river and most of the endangered trailers were pulled to safety early in the day.

But the hungry Rillito, biting into a curve in the banks, pulled in three trailers valued at \$15,000.

Men and heavy equipment worked throughout the day to uproot large mobile homes, most of them planted semipermanently on lots near the river.

A few homes had to be vacated elsewhere along the Rillito and its tributaries, but no deaths or major injuries were attributed to the flooding.

The U.S. Geological Survey's groundwater branch had no

record of how the Rillito flowed, for the river washed away a gauging station where it joins the Santa Cruz. But tributary Tanque Verde Wash and Sabino Creek ran record flows of 10,000 second-feet and 6,000 second-feet, respectively.

A USGS spokesman said the Rillito probably did not have a record high flow, but many hours of flooding wore away the banks and caused the damage.

Kenneth Scharman, manager of Sanitary District 1, said the Rillito swept away 1 mile of sewer interceptor line, 21 inches in diameter and larger, east of Country Club Boulevard. Lines which feed the interceptors were pouring sewage into the river, and 1½ miles of the smaller lines were reported damaged.

Scharman and Dr. Frederick Brady, Pima County health director, said the sewage is no health hazard as long as the Rillito continues to flow.

THE DISTRICT asked for disaster relief from the governor's office, but not enough funds were available. Rep. Morris K. Udall, D-Ariz., was asked to seek federal relief.

Scharman said the Rillito changed its channel by one-fourth to one-half mile in some places.

Other weather developments in the Tucson area: —The highway to the top of snow-covered Mt. Lemmon was closed by a major landslide just below Windy Point, and 15 minor slides farther down the mountain.

—A torrent of runoff cut the road to the top of Kitt Peak. Only a skeleton crew was left at the national observatory atop the peak; other scientists and workmen changed vehicles at the washout, fording it on foot.

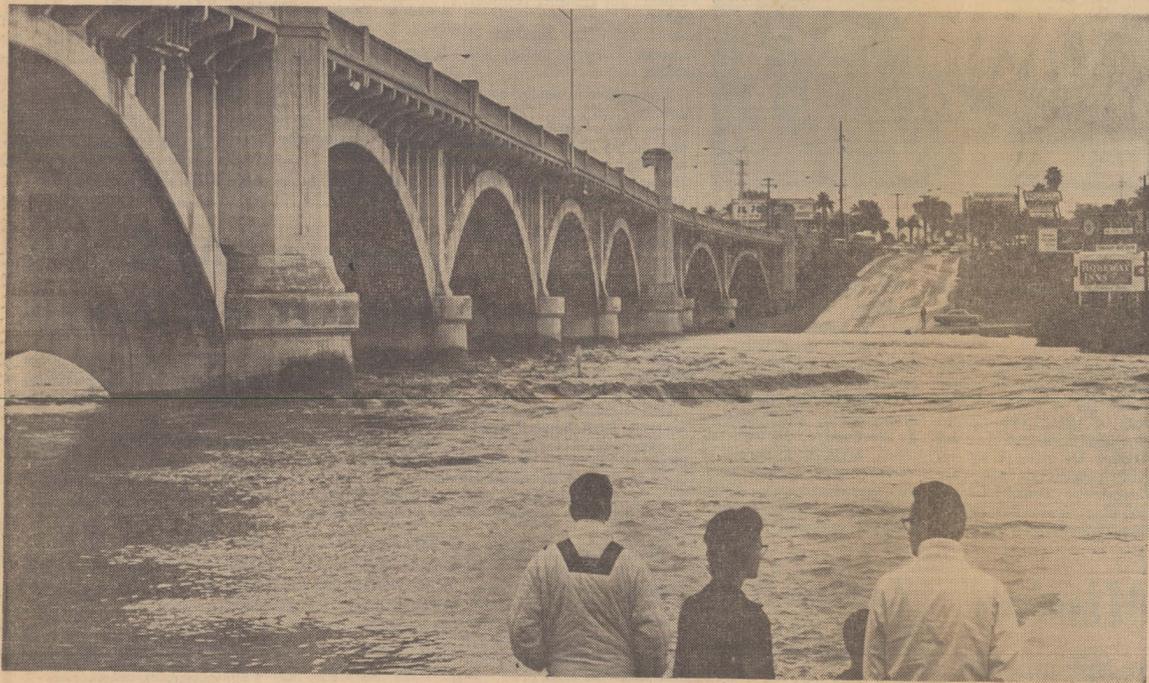
—Arizona 77 was closed between Winkelman and Mammoth because Aravaipa Creek weakened a bridge.

—Papago officials said several villages on the south end of the reservation probably are isolated after two weeks of rain filled desert washes, but there have been no emergencies reported.

—Marana, in the path of the combined Santa Cruz and Rillito stream, reported no serious flooding.

Families Evacuated From Low Areas

STATE RIVERS ON RAMPAGE



THE SURGING SALT—This is what faced Phoenix-bound motorists who left Tempe yesterday afternoon. The normally dry Salt River bed ran shoulder-deep with surging, muddy water—runoff

from the near-record December rains in the Valley and its watershed areas. All traffic was being routed over Tempe Bridge, normally one-way. Congestion slowed progress to 10 mph.

Republic Photo by Nyle Leatham

Storms Move Out Of Arizona

By EARL ZARBIN

WIDESPREAD flooding from rivers rampaging through southern Arizona knocked out a large chunk of metropolitan Tucson's sewage system and elsewhere led to the evacuation of some families living in low-lying areas.

Civil Defense officials last night were keeping a close watch also on several sections in Graham and Pinal counties threatened by the floods, and were prepared to evacuate still more families.

The U.S. Weather Bureau in Phoenix indicated the storm which began Tuesday night and left 2 inches of rain and more in many areas had moved out of the state. Except for some mountain snow, little or no precipitation is expected in the state over the weekend.

The flooding was caused by a combination of the downpours and the melting of snow dumped in the mountains by two storms which passed through Arizona earlier this month. In addition, rains in the desert and mountains outside of the Salt River Project and San Carlos Irrigation District watersheds caused extensive flooding below the dam systems.

Freezing in higher elevations was expected to slow the runoff in the mountains. Frost also was forecast in the Salt River Valley this morning.

Here were the major problems last night:

State Health Commissioner William Moore warned of possible pollution problems in Tucson.

(Continued on Page 12, Col. 3)

4 Dams on Salt River Near Capacity

Continued Record-Breaking Runoff Into Roosevelt Lake Threatens to Send Water Over Reservoirs' Spillways

By JOE COLE

RECORD-breaking runoff into Roosevelt Lake yesterday threatened to send water over dam spillways and eventually into the Salt River through Phoenix.

Continued runoff at yesterday's rates will force opening of spillway gates on the entire four-lake Salt River system northeast of Phoenix, said Rod J. McMullin, Salt River Project general manager.

Project officials last night were watching the water level behind Roosevelt Dam, con-

cerned that spillways will be used for the first time in 25 years.

IF ROOSEVELT, uppermost of the lakes, does spill, the water will pass through the lower lakes, Apache, Canyon and Saguaro in descending order, and through Granite Reef Diversion Dam into the Salt River.

The runoff rate into Roosevelt Lake reportedly reached a peak around midday yesterday, when water was measured entering the lake at 150,000 cubic feet per second.

The rate broke a 1941 record of 117,000 second-feet, the pre-

vious high since record-keeping began in 1913, according to Rufus Musgrove, head of the Phoenix water resources division of the U. S. Geological Survey.

THE VERDE River reservoirs of the Salt River Project system were reported last night capable of containing the runoff. The upper Verde reservoir, Horseshoe Lake, was near its 139,238-acre-foot capacity, but the lower lake, Bartlett, appeared capable of handling a substantial amount of runoff.

A smaller reservoir at Lake Pleasant in the Beardsley Project also was reported not in danger of flooding in the near future.

The last time either Lake Pleasant or Roosevelt overflowed was in April 1941. On April 13, 1941, two crews from Phoenix radio stations were on hand at Roosevelt Dam to record the sound of the water overflowing, and curious motorists caused a traffic jam there.

SOME immediate pressure in the Valley was lifted yesterday when rain running off the desert into the Salt River below Granite Reef Diversion Dam reached a high point and began to recede.

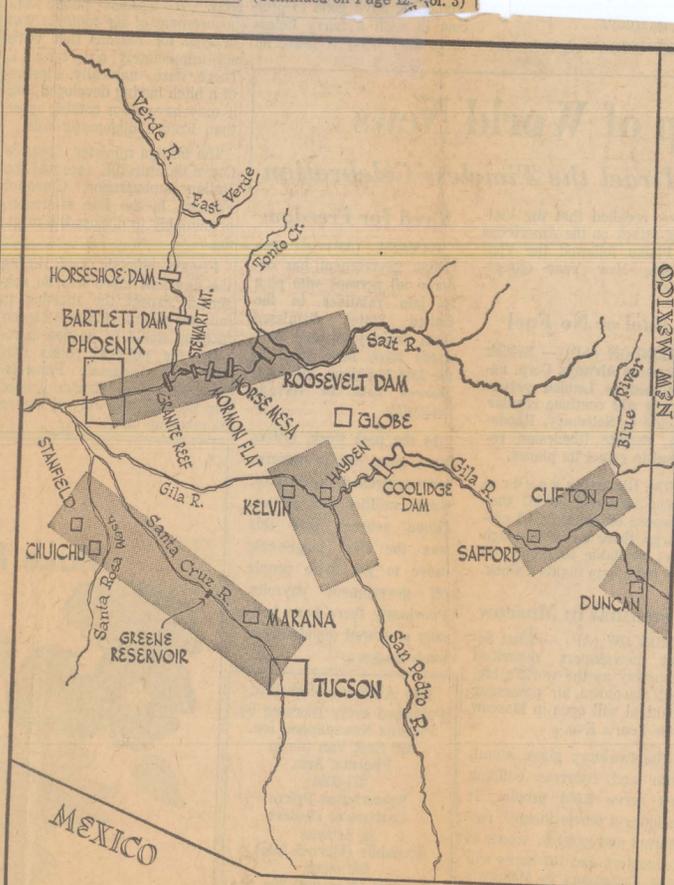
Water experts were fearful, however, that another storm any time soon would tax the reservoir system beyond any controllable limit.

"It will take several days or the reservoir system and the watersheds to recover enough to handle any substantial amount of rain," Musgrove observed.

MUSGROVE raised a question about the spring runoff.

He said temperatures dropping last night in higher elevations would slow down immediate runoff into Roosevelt Lake, but would hold water there until March and April, when spring runoff begins.

He said retention of recent days' precipitation, combined with the anticipated normal winter precipitation yet to come, could produce a more critical situation in the spring.



FLOOD MAP—Rampaging rivers resulting from heavy rains and snows are flooding widely separated areas of Arizona, indicated by shaded areas on this map. Flooding in the Phoenix area principally has resulted from runoff into the Salt River below Salt River Project dams which project canals have been unable to handle. The Gila, the San Pedro and the Santa Cruz rivers caused most of the trouble. No problem is anticipated on Verde.

Republic Map by Kearney Eserton

Floods

Recede

12-26-65

In State

Arizona
By HOWARD BOICE
Phoenix

FLOODWATERS receded throughout Arizona yesterday, and the promise of overflowing reservoirs was postponed for one to two weeks.

However, as mopping-up operations got under way in the Tucson area, and along the lower Santa Cruz and upper Gila rivers, Salt River Valley residents faced another week of using bridges to commute across the river.

Salt River Project officials said yesterday that 6,000 cubic feet of water per second were flowing over Granite Reef Dam, causing the normally dry Salt River to run 2 to 3 feet deep in places.

This flow is expected to continue for about a week, officials said.

The Phoenix Streets Department reported five thoroughfares crossing the Salt River closed — 48th, 40th and 24th streets and ~~seventh~~ and 19th Avenues.

THE MARICOPA County sheriff's office reported all roads leading west from Phoenix closed except for Glendale Avenue, Grand Avenue and U. S. 80, which is restricted to one lane in each direction at the Agua Fria River bridge.

Other county roads reported closed are the Apache Trail at Tortilla Flat; Bell and Greenway Roads at several locations; Ellsworth Road one-half mile south of Williams Field Road, and Country Club Drive north of Mesa at the Salt River.

Also Hayden and Scottsdale roads at the river bottom; U.S. 60-70-80-89-93 westbound lanes closed at Salt River, with traffic restricted to two lanes in either direction over the Tempe bridge; 35th, 51st 67th, 75th, 83rd and 91st avenues all closed at Salt River; Baseline Road, Hassayampa Road, Old U.S. 80

(Continued on Page 3-A, Col. 1)



Republic Photo by Howard Armstrong

MUDDY DETOUR — Residents of Riverside Terrace, 22 miles southeast of Superior, push a bogged-down truckload of groceries out of the mud in that flood-stricken community. The road, which runs parallel to the Gila River, was inundated when the river rose 10 to 12 feet Thursday night and spilled over its banks, isolating the community. The road has since been repaired and is passable.

More About

Floods Recede

(Continued from Page 1-A)

and Jackrabbit Road, all closed in the Buckeye area.

THE HIGHWAY patrol, meanwhile, recommended that chains be used on roads in the Mogollon Rim area, with all highways in northern Arizona reported slick but in otherwise good condition.

Traffic was being detoured around the Olberg Bridge over the Gila River on Arizona 87 between Last Chance and Coolidge. U.S. 666 north of Clifton and Arizona 188 north of Roosevelt Lake both were closed, the patrol said.

IN TUCSON, sanitation engineers estimated repair to a sewer line ripped out by surging Rillito Creek would run about \$1.25 million. The 2-mile trunkline spilled six million gallons of sewage into the flood.

Several bridges in the area damaged during the storm will require a minimum of \$100,000 to repair, engineers estimated.

Fifty families in the communities of Kelvin and Riverside Terrace near Ray, who were left isolated by the raging, overflowing Gila River Thursday and Friday, were cleaning up yesterday. The water has receded and the only road to the area is passable.

LYLE EATON of Riverside Terrace said yesterday the Gila was "back to normal, and everyone is getting in and out."

To the southeast, about 5,000 acres remained inundated near the cotton-producing towns of Eloy and Marana. Officials said, however, that flood damage estimates could not be made until the water clears.

Gov. Goddard has declared the stricken communities a disaster area and said he would meet tomorrow with other officials to discuss what steps must be taken. He said that the state would have to guarantee at least \$175,000 to qualify for federal aid.

OTHERWISE, the flood danger is over throughout the state, barring another storm or

extremely warm weather, which would melt the snow in the mountains.

Lower temperatures in the high country slowed the runoff yesterday. The watershed holds enough moisture, mostly in snow, to assure filling the Salt River Project reservoirs, officials said.

With water licking within 6 to 8 feet of the top of Roosevelt Dam, the lake is just 180,000 acre-feet short of filling. About 1,205,525 acre-feet are in storage now. Roosevelt Lake's two main tributaries, the Salt River and Tonto Creek, are flowing at about 16,000 acre-feet every 24 hours.

"**IT LOOKS** like it will be at least 12 days or two weeks before Roosevelt spills, unless the situation changes," said Lee Athmer, project spokesman.

Apache Lake, with a capacity of 245,138 acre-feet, was full.

Canyon Lake, with a 57,852-acre-foot capacity, dropped to 56,058 with the release of some water to Saguaro.

Saguaro, meanwhile, was lowered from its 69,765-acre-foot capacity to 61,254. Water was being released there to generate power and lower the level to absorb future runoff.

The Saguaro spillage was about one-fourth of the water flowing over Granite Reef and through Phoenix to just beyond 35th Avenue.

"**VIRTUALLY** all of this water is going into the underground to recharge wells in the central part of the valley," Athmer said.

Athmer said a spill on the Verde is not likely for about a week unless a new storm hits the state.

The Verde was dumping about 3,400 cubic feet per second into Horseshoe reservoir, which was passing some through to Bartlett. Horseshoe storage yesterday was 138,000 acre-feet, slightly below capacity. Bartlett was holding 142,178 acre-feet, with a capacity of 178,477.

Floods Recede In State

12-26-65
Ariz. Republic
By HOWARD BOICE

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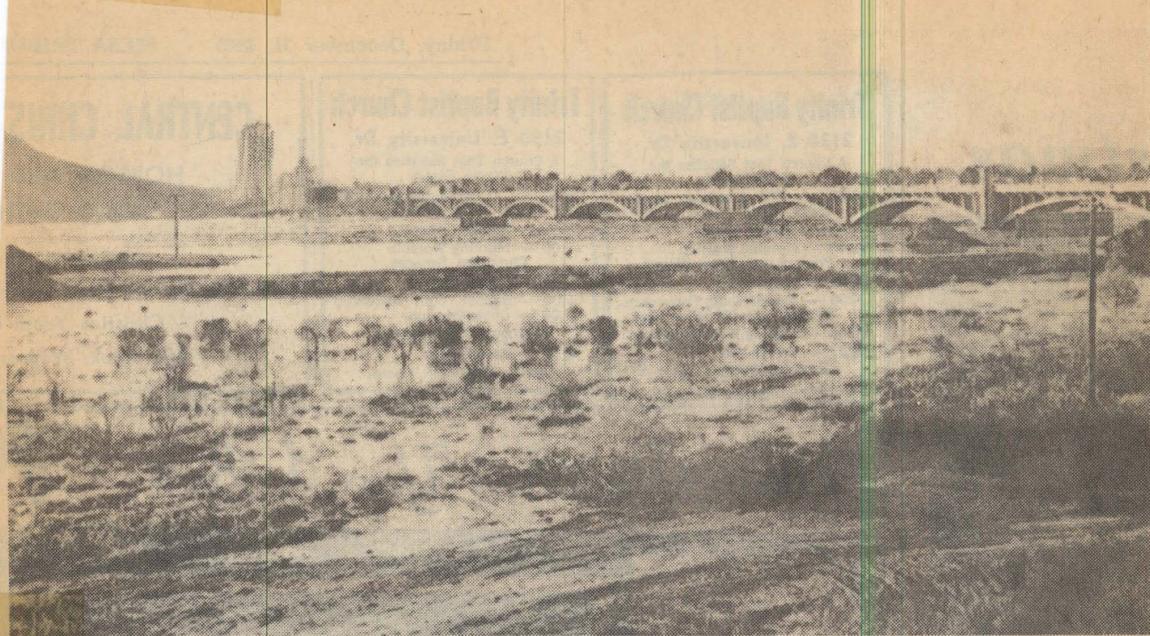
Herrick Views

12-28-65 Westside Phoenix Flood Losses Suzette

Maricopa County Manager Joe Herrick planned an auto tour today of flood-damaged areas in the western part of the county, mainly to assess damage caused by the New and Agua Fria rivers.

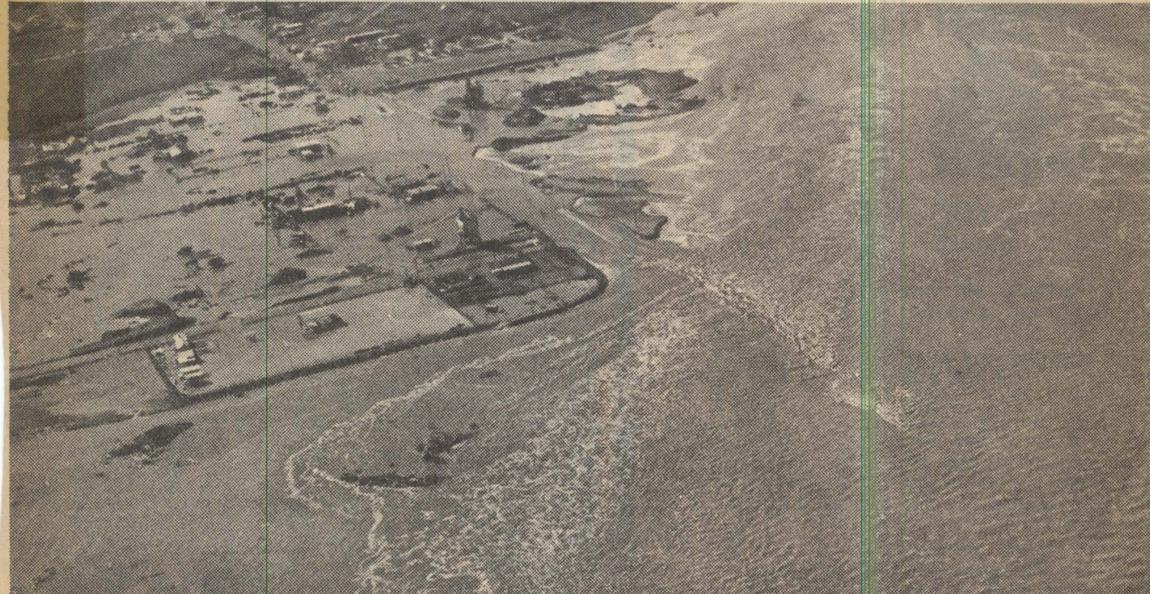
"Sam Lanford, the county engineer, told me he can't give an estimate of the damage because the rivers still are running high and overflowing roads," Herrick said.

He added that his tour "probably will result in sending out county highway equipment to work around the clock to repair damage."



NORMALLY DRY — The normally dry and dusty Salt River bed flows bank-to-bank today under the Tempe bridge. Officials of the Salt River Project were forced to turn the water loose in the river after six reservoirs to the northwest neared capacity. Thousands of persons with homes in the riverbed and on

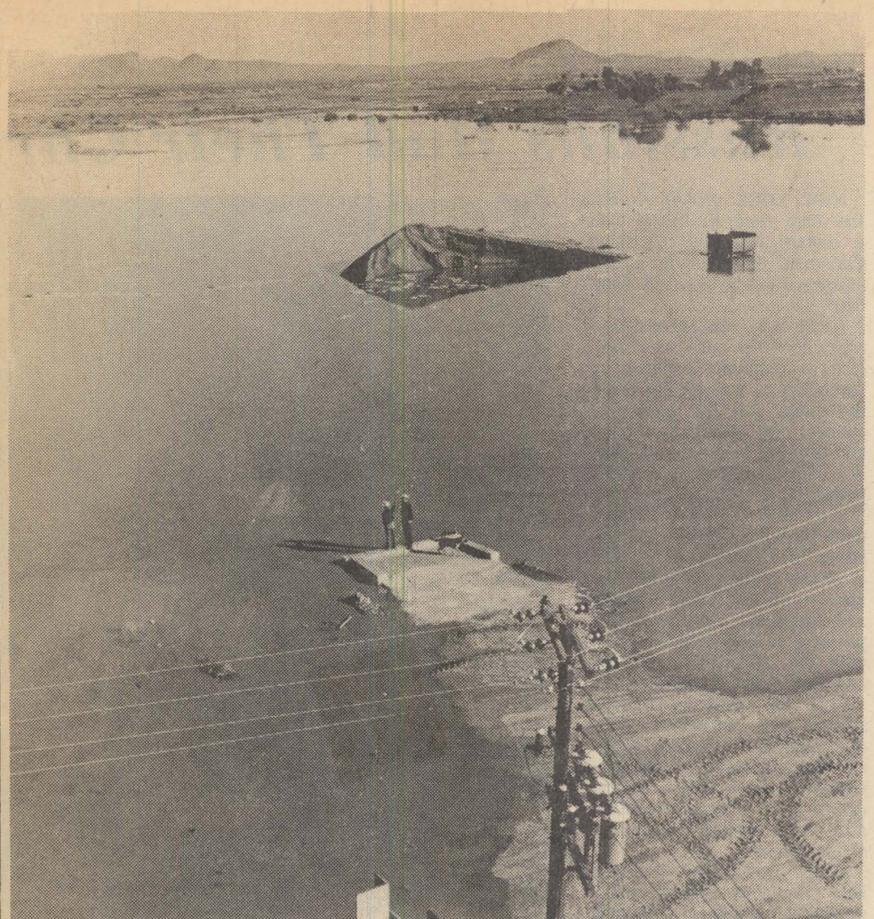
its banks were evacuated in Phoenix, Tempe, Mesa and nearby areas. Note water lapping at billboards near bridge, normally 10 to 15 feet above the riverbed highway crossing. (AP Wire-photo)



TEMPE AREA FLOODED — This aerial shot of river crossing west of Tempe shows well-inundated acres land adjoining normally dry Salt River. (Tribfoto)



COUNTRY CLUB DR. BARRICADED — State highway patrolmen and the highway department erected barricades on N. Country Club Dr. early today as flood waters in the Salt River poured torrents across the roadway. Concrete culverts installed under the roadway in November proved ineffective, as the rampaging waters completely covered the crossing.



FLOODING EXTENSIVE AT CENTER ST. — This view, looking northeast from concrete plant at Salt River bottom near Center St. crossing, shows the wide area covered by the flood waters. Much of the flooded area was being evacuated by Allied Concrete and Materials Co. Water depth at edge of concrete foundation in mid-foreground was estimated at 12 feet. (Tribfoto)



ANTI - LOOTING STEP — National Guardsmen called out to assist with flood duties were issued arms this morning after looting was reported.

Guardsmen Armed to Prevent Looting

(Continued from Page 1.)

its men were on duty and Service Battery said 54 men were in service. In addition, 28 National Guard vehicles were being used.

At mid morning it was reported that weapons were being issued to some of the guardsmen to cope with looting which had been reported in some of the vacated homes, particularly in the Tempe area.

Only the Central Avenue and Tempe bridges remained to link the two sides of the river.

Gov. Sam Goddard declared an emergency and some 400 National Guardsmen were called into action.

The sheriff's office reported that Carl Pastorino, about 23, of Tempe, apparently was drowned when he attempted to swim from a car which had become stalled in the river bed. A companion, Gary Hart, 23, of Tempe, was rescued from his car top after spending nearly six hours there.

An Arizona National Guard helicopter made the rescue. Another helicopter from Luke Air Force Base rescued four Salt River Project employes from a barge above Granite

Reef Dam earlier.

Water was continuing to rise and more reports of damage were coming late this morning. No major flooding had been reported in residential areas of Phoenix, however.

All of Scottsdale and a large portion of northeast Phoenix was without power after flood waters knocked out six Salt River Project substations.

Arizona Public Service Co. reported it has had no outage.

The regional director for the U.S. Bureau of Reclamation, A. B. West, came to Phoenix from Boulder City, Nev., to make a helicopter inspection tour of the dams on the Salt and Verde rivers.

Ironically, the Salt River valley was enjoying a bright, sunny day.

Officials were concerned because water is flowing into the Roosevelt Lake at the top of the Salt River chain at 80,000 cubic feet per second. Water was spilling out of the dam for the first time since 1941, and the rate was 40,000 cubic feet per second. If the heavy runoff continues, the release from the dam would have to be increased.

Runoff into other reservoirs along the six-lake chain also filled them to capacity, forcing the release of more water.

The project has been in operation more than 60 years. In

that time, many businesses and some homes have been built in the area which once was riverbed.

Authorities said these buildings would be flooded, and the river would probably go over its old banks.

Another dam at Lake Pleasant, northwest of Phoenix, also was full and spilling water which created another threat on the opposite side of Phoenix.

It's Water, Water, Everywhere

N. Mesa Homes Emptied

What appeared to be shaping up as one of the most damaging floods in the history of the Salt River Valley was making its way through the northside of Mesa today. One death was reported at Tempe, and one youth was reported missing here.

No increase in water release from Salt River Project dams is anticipated over the weekend "unless we get more rain," a SRP spokesman said at noon today.

He reported the current rate of release of water through the dams will continue at least until 2 a.m. to 4 a.m. tomorrow.

The crest of floodwaters was reported past. Water flow will remain "stable and steady" for the next 12 to 14 hours said the SRP official.

Residents of areas below the mesa which gives the city its name were aroused after midnight via sirens and loud speakers on police cars this morning and urged to move to higher areas as it became probable that the waters would reach the areas.

The river, which had no flow at Country Club crossing yesterday began flowing late in the evening as water let out of the Salt River and Verde River dams began arriving. The flow steadily increased and there was no solid indication at mid-day as to how long it would continue. It became necessary to release water from the dams because they were filled to capacity or near capacity.

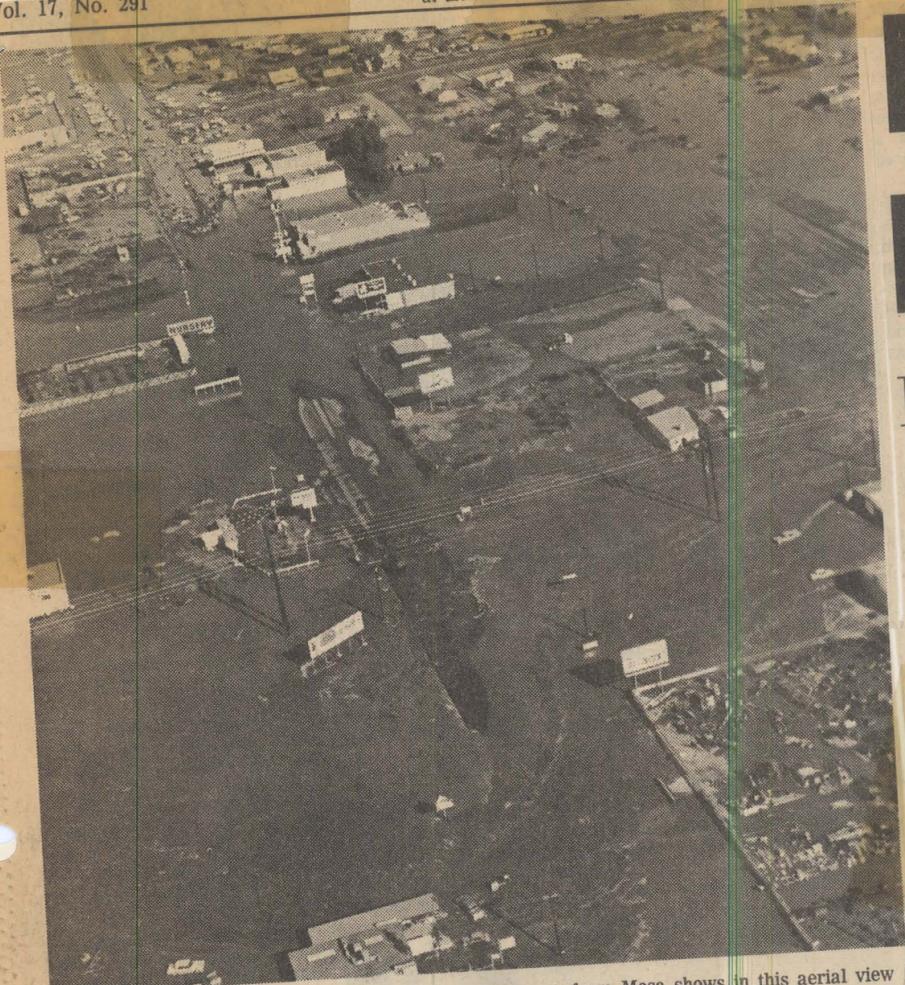
There was an unconfirmed report that a youth whose identity was not immediately learned was missing after he had been sighted riding an inner-tube in the water.

Hundreds fled from their houses and mobile homes in response to the urgings and facilities were readied at the Mesa armory (see story below) as soon as possible for the refugees until they could find shelter with friends or elsewhere.

Mesa based Arizona National Guardsmen were summoned to duty to assist sheriff's deputies, posse members, policemen, police reserves, Red Cross workers and others. Headquarters Battery officials reported 72 of

(Continued on Page 8)

SUMMARY POSTPONED
Because of devoting space to flood pictures, the yearly summary of Mesa news usually carried in The Tribune on the last day of the year has been postponed to a later issue.



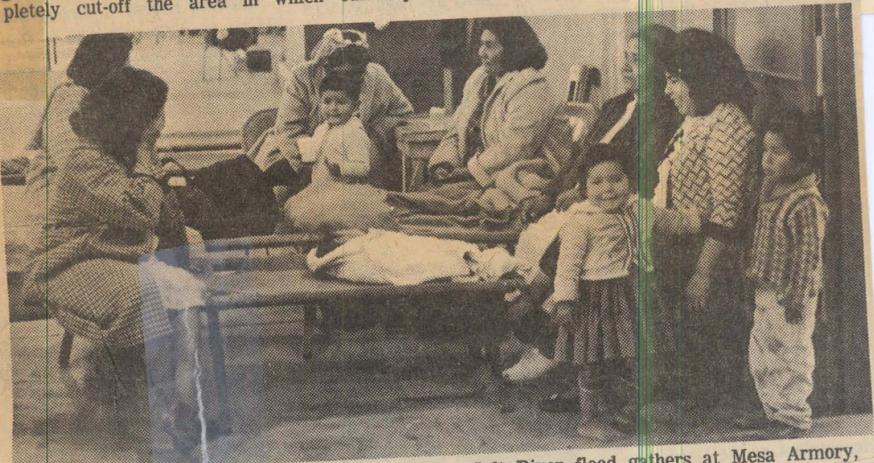
SCOTTSDALE ROAD — Extent of flooding downstream from Mesa shows in this aerial view of Scottsdale Rd. looking north. (Tribfoto)



AT COUNTRY CLUB CROSSING — N. Country Club Drive crossing of the Salt River, shown here in aerial view looking south toward Mesa, as it appeared at mid-morning today. Picture was taken by Larry Ward of Tribune staff from plane piloted by Paul Munger, city airport manager, who flew several city officials over area to check extent of damage. Arrow indicates where state installed 23 six-foot concrete culverts opened for use only a few weeks ago.



LAST VIEW — Spectators, thronging by the hundreds to view floodwaters at the N. Country Club Dr. crossing of the Salt River, take final look before being ordered back by sheriff's deputies and state highway patrolmen. A break-through of flood barricades near city dumping grounds on N. Center St. was creating a backwash which law officials feared would completely cut-off the area in which curiosity-seekers were gathering. (Tribfoto)



REFUGEE GROUP — Group of refugees from Salt River flood gathers at Mesa Armory, opened as refuge center. (Tribfoto)

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31

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12-30-65



TEMPORARY CLEAN UP — The northbound lane crossing Salt River began to appear as flood waters disappeared below Tempe bridge. Before the highway could be opened to traffic, however, it had to be cleared of a layer of mud and silt the river had deposited.

By mid-afternoon yesterday (Wednesday), the highway department had made the road passable. The relief was only temporary, however, since Salt River Project spokesmen report that additional run-off will again flood the area by 5 p.m. today (Thursday).

Flood

(Continued from Page 1)
in the four reservoirs on the Salt river."

This is the second time this year that the spillway gates at Bartlett dam have had to be opened. If the spillway gates at Roosevelt dam were opened, it would be for the first time in 25 years.

"We do not feel that the present storm will force us to open the gates at Roosevelt dam," McMullin stated.

The gates at Bartlett dam were opened last April 19, when excess runoff poured down the Verde into Horse Mesa and Bartlett reservoirs.

Today's runoff brought the total for the month on the Verde river to a record-breaking level. Never before in the 53-year history of the Salt River project has as much water flowed down the Verde during December as it has this month. Flows on the Salt and Tonto creek had set such a record earlier this week.

The total gain in storage in the reservoirs since December now amounts to 653,651 acre feet, and is the highest in the history of the Salt River Project. Gain in the past 24 hours has been 25,370 acre feet, bringing the total amount of water in storage in the SRP system to 1,906,369 acre feet.

Today's inflow was expected to put the reservoirs' content past the previous high total for the system at this time of year, McMullin said. The previous record was set in 1941, which was the last time the Roosevelt dam spillway gates had to be opened.

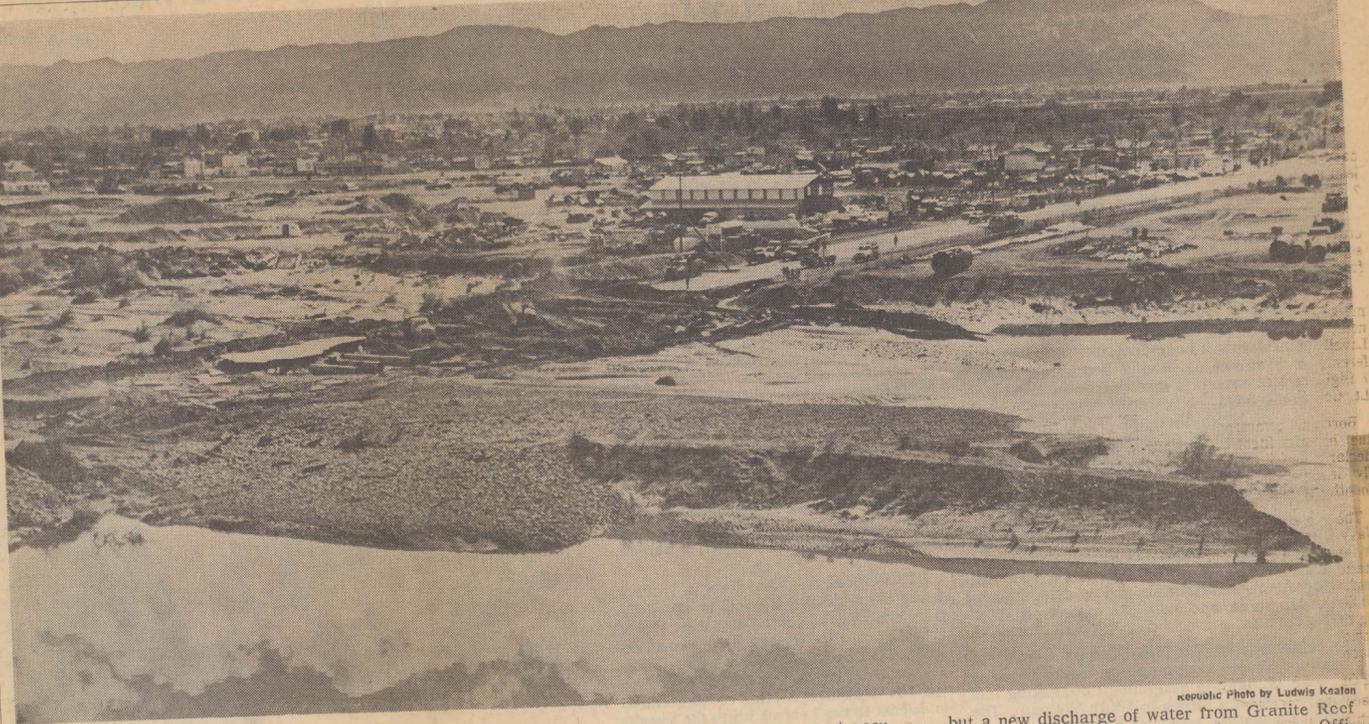
McMullin said that the highest flow past Granite Reef dam into the Salt in 1941 was reached March 15 that year, when the average for the day was 32,206 cubic feet per second.



SMALL FISHERMAN — Warren Schmella, left, and Bruce Johnson, both 12 and students at Gililand school, inspect large mouth bass that Warren caught yesterday (Wednesday) in one of the pools of water left under the Tempe bridge by receding floodwaters. Warren flipped the fish from the water with his foot.

Friday, December 31, 1965

35



SEWAGE PONDS—When city officials discovered Monday that a sewage pipeline at 19th Avenue and the Salt River bed had been washed out by

the flood it was already too late to prevent accumulation of waste in large ponds nearby. Chemicals have been added to reduce the health hazard,

but a new discharge of water from Granite Reef Dam is expected to flush away the sewage. Officials warn Valley residents to stay clear of area.

Republic Photo by Ludwig Keaton



BROKEN SEWAGE PIPE — Broken line shows where a City of Phoenix sewage main ran north along 19th Avenue before last week's heavy flow

of Salt River water swept it away, along with the entire roadway. City engineers say repairs cannot begin until the water is gone.

Republic Photo

Salt River Project Puts Dams to Work

Without the Salt River Project dams on the Salt and Verde rivers, a wide area of the Salt River Valley would have been flooded the past 10 days.

Project dams have caught and held back about one million acre-feet of water in the past two weeks. Flood peak during that period otherwise could have reached the 100,000-cubic-foot-per-second mark in the Salt River at Phoenix. Such a flow would have amounted to almost 750,000 gallons flowing past a given point each second and would compare with the flow during Phoenix' flood of 1938.

However, the Salt River Project is not a flood control project, and its officials have no legal authority to release water that will not be replaced, except in case of an emergency to protect one of its dams.

ALL THE WATER stored behind the six project dams actually belongs to each individual within the 242,000-acre irrigation project, including the City of Phoenix, plus a number of outsiders. These include Phelps Dodge Corp., Buckeye Irrigation District, Roosevelt Irrigation District and the Indians residing on the Ft. McDowell and Salt River reservations.

For all of these, the reservoirs serve as a water bank and the project members alone can make legal withdrawal orders against these varied bank accounts. The Salt River Project owns no water, and is merely the operator of the system, or banker.

HOWEVER, elected project officials do have some leeway in trying to help avert damaging floods. They exercised it last night when it became certain that Roosevelt could not hold back the flood down Salt River, and earlier when Bartlett and Horseshoe dams on the Verde River could not contain the flow at that watercourse.

Releases were started before the actual overflow. When the gates were raised enough to allow 20,000 cubic feet per second

to pass over Roosevelt Dam spillway, the inflow had passed 93,000 cubic feet per second.

Later, inflow pushed up past 170,000 second-feet and was still rising late last night. Release was boosted to 40,000 second-feet.

G. W. Brandow, assistant general manager of the project, said the increased release was ordered to keep a 4-foot reserve below dam level at Roosevelt, in hopes of leveling off the flood's peak.

The Verde was running at 44,000 second-feet when Bartlett was opened to allow 30,000 second-feet to run out.

If the rivers start dropping within a day or two, the Salt River Project dams will be able greatly to reduce the peak flow which usually only lasts a few hours. But it is the peak of the flood that always does the most damage.

If the rivers should continue rising and fill the little capacity that remained when the gates were opened, then the full flow would have to be passed downstream.

However, no rain is forecast for today, and officials predicted the dams would be able to reduce significantly any flood.

More About Dam Spills First Time Since '41

(Continued from Page 1)

The already soggy SRP watershed absorbed downpours over most of the Mogollon Rim, and the rains eased over to include significant totals in the White Mountains.

FOR EXAMPLE, the Tonto Creek Fish Hatchery just under the Mogollon Rim reported 2.44 inches, Show Low 1.88 inches, Payson 1.19 inches, Maverick 1.37 inches, Superior 1.32 inches, Heber 1.50 inches and McNary 1.15 inches.

At 4 p.m. yesterday, the flow from the Salt River into Roosevelt Lake was 57,000 cfs but, by the time the SRP began spilling water at Roosevelt Dam, it was 93,000 cfs. It later pushed past 170,000 cfs.

The Weather Bureau said no rains of consequence are expected today, but that weather conditions remain unsettled and relatively light showers may occur tomorrow.

THE AMOUNT of water flowing into the Salt River is almost three times as high as the 28,000 cfs rate recorded last week.

The sheriff's office last night was alerting residents east of Country Club Drive and north of McKellips north of Mesa to be ready to leave their homes.

Tempe police were alerting property and business owners along the river to the possibility of flooding and, in Phoenix, Fred Glendening, public works director, said: "There's not much we can do physically to prepare for the flooding except to take care of people."

MAYOR GRAHAM said, "If

we get that much water, there's a chance we'll lose the west side of the Central Avenue bridge."

Col. Lowry said he believed the water under the Tempe bridge could reach a depth of 20 feet.

Phoenix workers last night were removing equipment from maintenance yards in the river bottom, and gravel pit operators along the river were being advised to remove their machinery and equipment.

Glendening said the tower at Sky Harbor Airport has been warned that water will creep up over the south runway, the major jet runway, just as it did last week.

HOWEVER, it is expected this won't happen until at least 10 a.m. today. The tower hopes no more than 1,500 to 2,000 feet of the 10,000-foot-long runway will be made unusable. This would not require rerouting commercial air traffic.

"Nobody knows what the situation will be then, because this much water hasn't been released into the Salt River for a long time," a spokesman said.

Water last spilled from Roosevelt Lake in 1941, and that year it peaked at Granite Reef Dam at 32,102 cfs.

The Weather Bureau said the Gila River at Safford should start to show a rise late this afternoon. The rise will come as a result of water flowing in both the San Francisco and Gila rivers.

Last night, Greenlee County Sheriff Forrest Wilkerson reported from Clifton that the San Francisco River there had risen

4 feet and was still rising. When he reported, the river was about 5 feet below a river bridge which came within a foot of being inundated last week.

THE GAUGE in the Gila River at Cliff, N.M., about 25 miles east of the Arizona-New Mexico border, was at 5.4 feet and rising. The bureau noted, however, that the river there was 2.6 feet below flood stage.

The Weather Bureau warned that the eventual size and timing of the Gila River crest at Safford is uncertain.

Flooding from rivers in desert areas of southern Arizona apparently will not be as serious

of an inch or less, the Weather Bureau said.

HOWEVER, flooding will occur in low-lying areas at the confluence of the Salt and Gila rivers southwest of Phoenix.

Upper Lake Pleasant was within 15,000 acre-feet of capacity and was expected to fill by today. Excess water will flow down the Agua Fria River, closing street crossings, but it is not expected to flood enough to cause damage in the Avondale area.

Heavy rains also fell in the forests around Prescott and Flagstaff. Prescott received .94

More About

Flood Threatens Snowflake

(Continued from Page 1)

eral house trailers. They were later moved to higher ground. No injuries were reported in this community of 1,700 residents.

CURRY JONES, who resides on Decker Drive, said residents in the threatened area started loading pickup trucks and trailers, expecting the worst.

"If that crest had lasted 10

more minutes," Jones said, "we all would have been out of there. We were ready to move everything."

But the floodwaters began receding in late afternoon.

MANY Snowflake citizens marshaled their efforts and built a 300-foot dike 5 feet high. Heavy equipment supplied by local contractors aided the work.

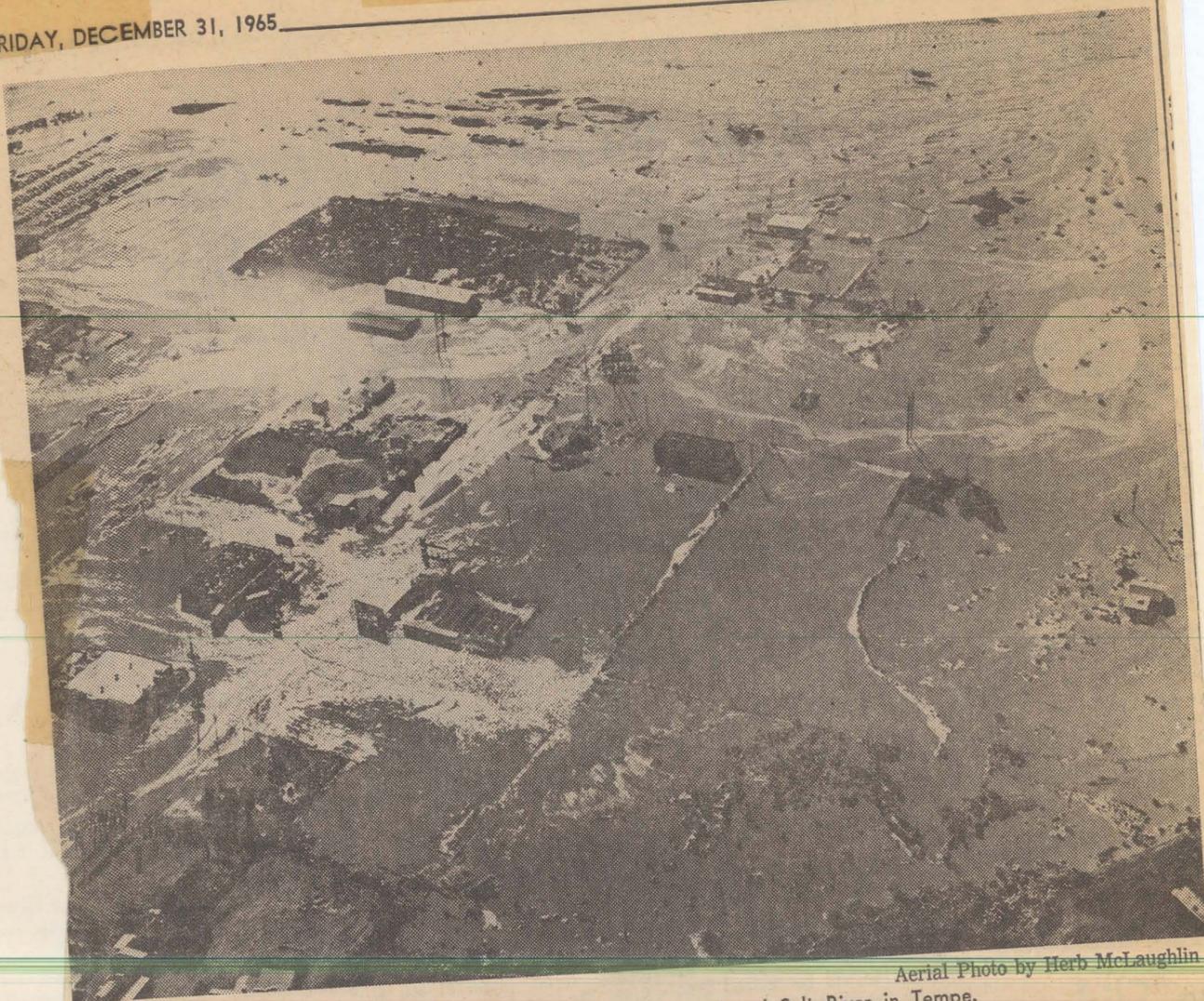
LaVon Turley, a Snowflake rancher, said he hasn't seen Cottonwood Wash run so high since 1951.

Mayor Roy Anderson said it was too early to make an accurate estimate of the damage.

THE FLOODED wash also put a crimp in the operation of the Snowflake Paper Mill, 14 miles west of town. Many of the 300 workers had to detour almost 25 miles to Holbrook to reach home. Others living in the back country near the rim were unable to get to work.

There were no immediate estimates as to when the roads would be open.

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Aerial Photo by Herb McLaughlin

Photo shows extent of flooding at Rural Road and Salt River in Tempe.

FLOOD STRIKES

Concluded From Page One
They assisted in evacuating families.

Sheriff's deputies sounded sirens to warn of the approaching water. Care stations were set up by the Red Cross, which said it was helping persons at noon.

Ambulances were used to remove patients from Faith Nursing Home in the path of the flood at 1926 E. Apache.

The newly opened Maricopa Freeway east of 24th Street was closed after a section of paving collapsed.

Police estimated that about 12 square miles of lowlands were covered by water or threatened. The area will increase as the flood moves westward.

AT TEMPE, water swirled around several business buildings in the riverbed, including an animal cemetery, a night club, service station, animal hospital and wrecking yard on Scottsdale road. Homes directly behind Woolco were flooded.

No flooding outside the river-

bottom area had been reported to the sheriff's office, but power outages occurred in other areas because of substation flooding.

All riverbed crossings were closed. Only arterial open at noon was the Tempe Bridge.

Salt River Project officials said the flood will continue as long as runoff pours into the reservoirs. Water is entering Roosevelt Lake at the rate of 80,000 cubic feet every second.

It is being released into lower reservoirs—Apache, Canyon and Sahuaro lakes. The released water from Sahuaro, plus releases from Bartlett Dam on the Verde, is flooding the Salt.

THE RATE of flow in the Salt is twice that recorded in the 1941 flood, the project reported.

No substantial increase in the flow at Granite Reef is anticipated in the next 12 to 14 hours, the project said, but increased watershed runoff will cause greater river flow.

Pastorino attempted to swim to shore, Hart said, but was swept downstream in the darkness. Hart said he scrambled to the top of the car and remained there until rescued by the helicopter.

IN A DRAMATIC predawn rescue, another helicopter lifted five Salt River Project employees off a barge, which was feared would be swept over Granite Reef Dam.

The men were working on gauge flows from the barge moored above the dam. When the heavy flow struck from the chain of lakes above the dam, a new channel was cut between the point where the barge was tied and the shore, cutting off escape.

The men were identified as Dick Jutten, Guy Neuleners, John Cowan, Elmer Miller and Leonard Kaze.

A Luke Air Force Base helicopter picked up the men at 4:40 a.m.

Two Luke Air Force helicopters were attempting this afternoon to rescue an undetermined number of people from the Salt River near 35th Avenue crossing. There were no further details on the incident other than they were "surrounded by water."

Flood Notes

Salvation Army Shelter Opened

Brig. Orval Taylor, divisional commander of the Salvation Army, said the Army's shelter at 801 W. Jefferson was ready to accommodate 400 to 500 flood families. Food was being prepared for evacuees.

Taylor said many families had gone to the Salvation Army center at Fourth Street and Mohave and were transported to the shelter.

He added that an additional shelter would be provided in the Salvation Army warehouse at Ninth Avenue and Jefferson if the need arises.

No Contamination, Mesa Residents Told

There is no possible contamination of Mesa's water supply, said City Manager Jim Petrie, emphasizing that this supply all comes from wells out of the flood area.

The city has lost the major portion of its landfill dump, he reported after an air survey. Only three to five acres of the 40-acre tract remain, he said, with a major offshoot of the flood cutting through and carrying debris downstream.

Goddard Declares State Of Emergency

Governor declared a state of emergency in Maricopa County and also extended the emergency in Graham County at 2 a.m. today.

The governor then ordered out 400 National Guardsmen to evacuate families in the flooded areas. An additional 90 were called out shortly before noon.

Col. Carl N. Smith, State Civil Defense director, and Goddard flew over the stricken areas.

Part Of Airport Runway Inundated

A 2,500-foot stretch of the east end of the south (jet) runway at Sky Harbor was inundated by water today, leaving 7,500 feet usable and toward midday the water appeared near its crest.

Sky Harbor was kept open by

tower control with all runways in operation.

Western Airlines cut off in-out flights last night, anticipating the runway flooding, but resumed all service this morning.

Dick Inderrieden, district sales manager for TWA, said flights had been resumed. He said erroneous radio broadcasts had caused people to believe flights were canceled.

The only TWA flight canceled today was the 9 a.m. Flight 146 which was moved from the landing strip as a precaution and was sent to Albuquerque.

An incoming morning American Airlines Convair flight was diverted to Tucson at the pilot's option, although the Sky Harbor tower indicated a safe landing could be made.

Tempe Daily News



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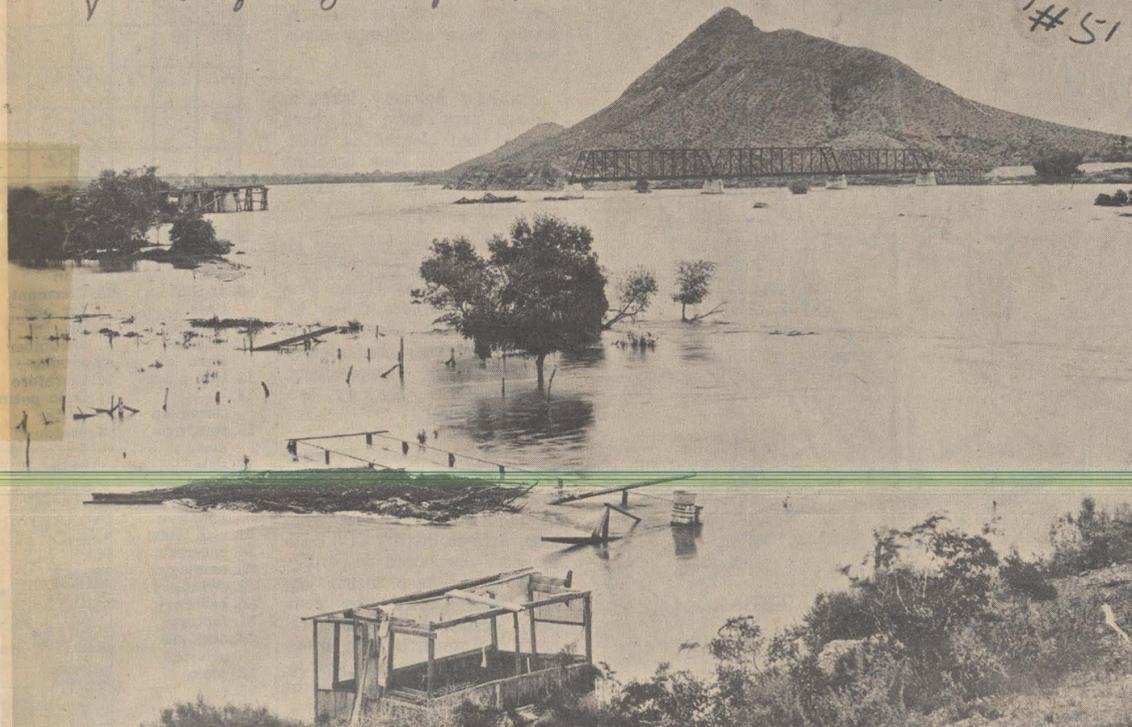
10 Pages

TEMPE, ARIZONA, THURSDAY, DECEMBER 30, 1965

607 Mill Avenue

78th Year—No. 312

Looking toward Tempe Butte from north end of S.P. bridge showing S.F. RR bridge wrecked in flood of night of Apr 12, 1905. Apr 14, 1905 #51



SALT DID FLOOD — Salt River at flood stage in the "big one" of 1905. Photo, property of Henry A. Salcido, 1720 Circle drive, was taken from the north end of the Maricopa and Phoenix Railroad bridge (now SP) and shows the Santa Fe bridge which was weak-

ened by the flood and collapsed as train moved northward across it. It must be noted railroad crossings were only bridges. First highway bridge went in over 10 years later, present four-lane thoroughfare in mid-1930s.

Reservoirs Full —

Spillways Open, River Runs Again

More water is flowing down the Salt River into the Tempe area and renewed flooding of river crossing at Hayden and Scottsdale roads and the north-bound lane of Mill avenue appeared in prospect by nightfall.

Spill way gates at Bartlett dam were expected to be opened this afternoon, due to heavy runoff from last night's storm on the Salt River Project watershed areas, announcement was made this morning by SRP General Manager Rod J. McMullin.

In addition to water to be released through the spillway gate, water was being released from the needle valve at the base of Bartlett dam. This release began about 9:30 a.m. today, McMullin said.

Water already was flowing into the lower Salt River watercourse. Local runoff from the desert below Project reservoirs along the Salt forced SRP to release water at Granite Reef diversion dam into the Salt river at 8:40 a.m.

The flow released at Granite Reef amounted to 150 cubic feet per second and was expected to reach street crossings in the Tempe area about mid-afternoon today. The release from the needle valve at Bartlett dam, amounting to 3,600 cubic feet per second, was expected to have flowed as far west as the Tempe bridge crossing by 5 p.m. today.

McMullin said that the newly installed culverts at the Country Club drive crossing north of Mesa are expected to handle the flow through the afternoon's peak traffic on Country club. However, closing of Hayden and Scottsdale roads appeared a prospect.

The Tempe police department reported at noon that the situation was being watched, and that streets would be closed when or if that appears advisable.

"There is no way accurately to estimate the quantity of water which will have to be released through the spillway gates at Bartlett dam," McMullin said. "This is entirely dependent upon the Verde river. The flow in the Verde river above the two reservoirs, Bartlett and Horseshoe, this morning had jumped to 26,000 cubic feet per second as compared with 1,800 cubic feet per second yesterday morning."

At mid-morning today there was room only for an additional 13,593 acre feet of water in the two Verde system reservoirs combined. It was estimated that the 26,000 cubic feet per second flowing into the river above the two reservoirs would have the available capacity all used up within four or five hours.

This morning there was room for 152,358 acre feet of water in the Salt River reservoirs, McMullin said, and the possibility of opening the spillways at

Roosevelt dam was being held up for later decision.

"Again, this is dependent upon the weather and the water runoff into the system," McMullin said. "The flow into the Salt River reservoirs was approximately 35,000 cubic feet per sec-

ond, and rising, this morning. Yesterday the flow was only 3,190 cubic feet per second."

Unless weather conditions change, McMullin said, "we expect that the runoff from the current storm can be contained

(Continued on Page 4)

SWIFT WEATHER CHANGES BEING FORECAST HERE

If you don't like the weather, just stand still because it will change.

At least that is what the 24-hour weather outlook indicates as the Sky Harbor weatherman predicts partly cloudy to fair skies tonight, becoming mostly fair Friday morning but then changing again that afternoon when increasing cloudiness is anticipated. P.S., it will be breezy at times too.

Clearing skies will bring a cooler morning low on Friday, about 42 compared with today's 54, but the afternoon readings will be about the same, near 65 tomorrow and either 66 or 67 today. At 2 p.m. the mercury had climbed to 64 while the humidity reading was 67 per cent.

PANORAMA OF WATER

Phoenix: A Divided City

By LES SCHLANGEN
Associated Press Staff Writer

The City of Phoenix is divided today by floodwaters.

An aerial view of the city shows the Salt River scooping out new channels and isolating housing areas and businesses in the lowlands.

FROM THE AIR, a panorama of flood damage unfolded as far east as the stockyards in Tempe, where many of the cattle stood flank deep in water. Others clustered on higher, muddy ground as water lapped at their hooves.

In the main channel, the water flowed swift and deep, carrying debris, a few barrels and other articles swept up from junkyards on the edge of the normally dry riverbed.

As Photographer Herb McLaughlin leaned out the open window of the plane to snap pictures, the radio squawked a warning to beware of other planes and helicopters flying the same route on rescue missions.

THE AIR above and below was filled with small planes as sightseers and other aircraft followed the river northeast to Granite Reef Dam.

From the dam, situated between two low buttes, the water

spilled over along the entire top and the source of water looked endless.

The southeastern part of Phoenix appeared isolated from road traffic as streams two or three blocks wide poured over the streets.

AT ONE POINT, a county road department crew was busy throwing up an earth barrier on the northside of the river. Whether it would do the job was doubtful, because the waters had a nasty habit of bypassing any obstacles and spilling unhindered into different areas.

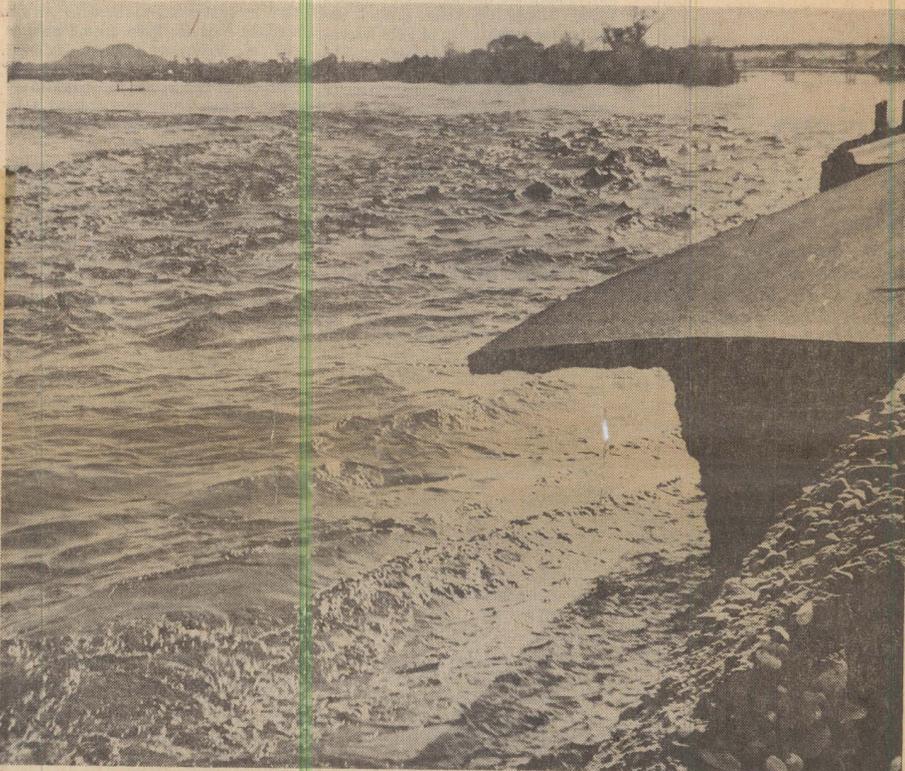
Although hard to estimate from the air, it appeared that the lower quarter to half-mile of Sky Harbor Airport was under water, its final red and white marker riding free in a vast lake. The water seemed to be having no effect on air traffic.

Several slum housing areas were isolated by the water which also engulfed two or three of the fringing junkyards. Occasionally, the sun caught the bright glint of a shiny hubcap or other piece of metal bobbing along on the stream.

Transmission towers with lines feeding electricity to Phoenix and neighboring cities stood deep in water.

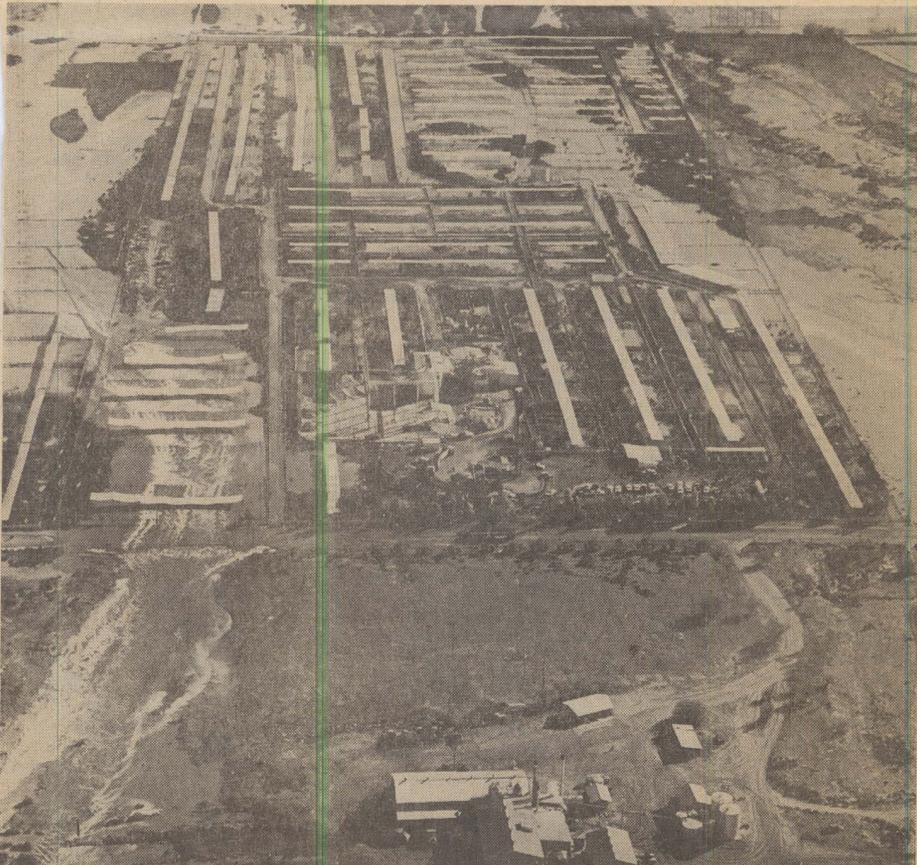
Gazette Staff Photos

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Floodwater ate away section of newly-opened Maricopa Freeway about 50 yards from where it crosses Salt River.

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Trucks were standing by to evacuate cattle from feed lots at 48th Street stockyards, but they were unable to reach them because of floodwater. Several exhibitors in Phoenix

for Arizona National Livestock Show opening Tuesday at State Fairground took trailers and other equipment to the scene to help.



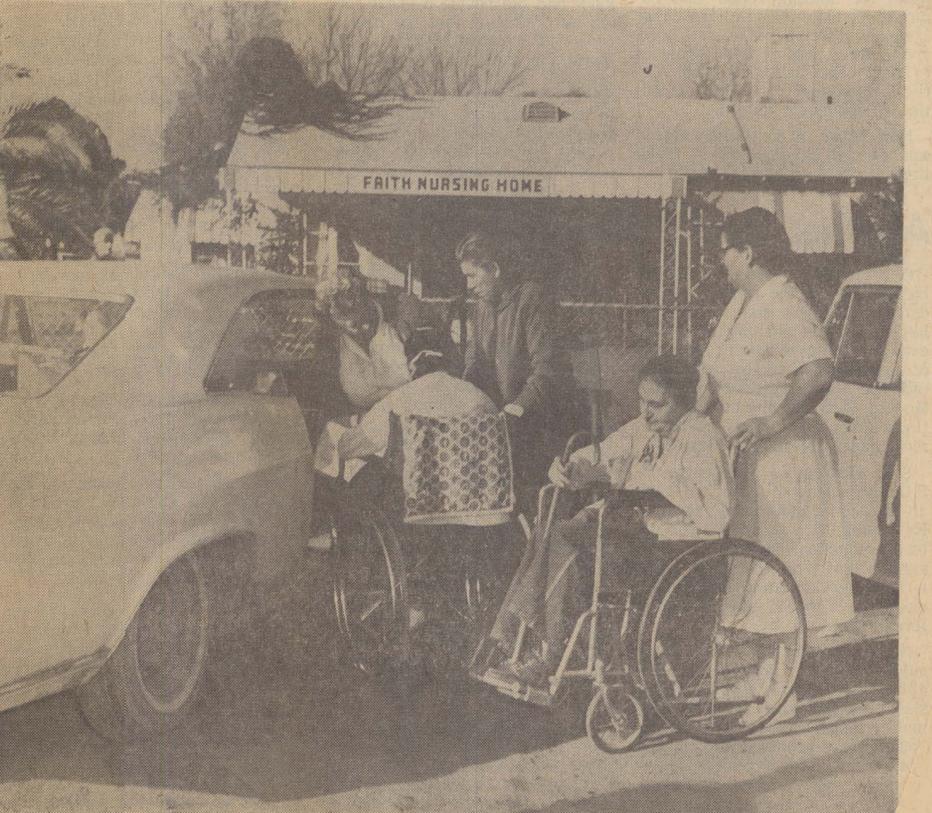
Water flooded places of business and homes in low area on Scottsdale Road near Curry Road.



Ted Muckerman of National Guard and Police Patrolman Jerry Morgan helped evacuate South Phoenix residents.



Cattle from Hughes and Ganz feed pens in low area near Salt River were brought to high ground at 48th Street.



Residents of Faith Nursing Home at 1926 E. Apache were evacuated to hospitals and other nursing homes.

Allenville Residents Flee River

700-800 Housed, Fed In Buckeye

Special to the Gazette

BUCKEYE—The entire population of nearby Allenville was being housed and fed in Buckeye Elementary School today after residents were forced from their homes by the muddy waters of the Gila River.

Water was a foot deep in Allenville and still rising, said George Hamner, Buckeye town clerk and civil defense director.

THE unincorporated town is 1½ miles south of Buckeye, and about one-quarter mile from the normally dry river channel.

It was difficult to estimate the number of persons being cared for at the school. But Hamner said the Negro community normally has a population of 700-800.

The Red Cross set up cots in the school cafeteria and in classrooms.

EVACUATION started shortly after 5 p.m. yesterday. Those persons owning automobiles drove to the school, but many more were transported in trucks volunteered by the Blaine Duncan and Sons trucking company.

There were a few cases of ill children, some of them with high fevers, but generally no health problem, Hamner said. A Red Cross registered nurse was on duty.

The displaced residents were in good spirits, Hamner reported, and participated last night in singing conducted by the pastor of the Allenville church. They sang mostly religious songs.

HAMNER praised the Red Cross, which he said was doing a "bang-up job," and the Buckeye citizens for their offers of assistance.

"We had more help than we needed," he said.

WATER SAFE FOR DRINKING IN TEMPE

Tempe city water is "perfectly safe to use" today, health authorities said, rescinding a previous one-day warning to boil all water.

The ban was ordered yesterday after it was feared a stopped sewage pump might cause contamination of the water supply.

Gila Eases Dangers In Safford

Special to The Gazette

SAFFORD — Flood danger eased here today as the rampaging Gila River dropped back into its channel.

Sheriff H. Skeet Bowman of Graham County said the bridge at the north edge of town was open and the route to Hillcrest was clear.

He said several cars had to be towed from the water yesterday, but the low spots in the road were dry this morning.

Bowman cautioned that the Gila is expected to hit a new crest, however, but it was uncertain when this would be.

The Gila is being fed by new runoff from southwestern New Mexico. The river crested yesterday afternoon at 2½ feet above flood stage at Cliff, N.M.

Safford and other communities along the Gila in Arizona were warned that new flooding could result.

City Urges Residents Hold Up Trash

Phoenix residents were asked today to refrain from cleaning their yards because of the trash collection problem created by the flood.

Jim Stokley, Phoenix superintendent of street maintenance, said the flood had put landfills at 16th Street and 15th Avenue out of use and that all of the city's garbage and trash was being taken to the 19th Avenue and Greenway road fill.

Stokley said because of the long haul for city trucks it would be impossible to pick up yard cleaning and that his men would concentrate on hauling only household garbage.

Woman Has Anxious Few Hours

The disappearance of her 3½-year-old granddaughter and the news that her home was being evacuated gave Mrs. Feliberto Ruiz, an aide at Maricopa County Hospital, some anxious hours yesterday.

Mrs. Ruiz, 2002 E. Apache, was on duty when a son, Hector, phoned he and Mr. Ruiz were being evacuated and that granddaughter Penny, who lived with her mother, Frances, across the street, was not in sight.

Hector had to hang up because guards were urging them to leave, and the water was at sidewalk level. He promised to phone when possible.

The child was found under a bed.



Gazette Staff Photo by Ebby Hawerlander

IT'S A GREAT DAY

Carrie Yancy tips hat to welcome 1966 on her first birthday. She is the daughter of Mr. and Mrs. Larry Yancy of Phoenix and was born last New Year's Day.

BONDS DEFEAT SECOND BEST

Floods Year's Top Story

By KENNETH ARLINE
Gazette Staff Writer

Arizona's top news story of 1965 came straight down from heaven.

Heavy precipitation on the Valley's mountain watersheds resulted in runoff that caused severe flooding of the Salt River through the Valley on the last day of the year.

HUNDREDS OF lowland residents were made homeless, highway traffic was halted in many directions and property damage reached into the millions of dollars.

Editors of The Phoenix Gazette rated it No. 1 among the 10 top news stories of the year. Nine other stories from among 23 nominated were rated as follows:

2. The defeat in a special election of proposed constitutional amendments to permit

the state to raise Arizona's bonding limitation to \$100 million.

3. Tucson's missing girl tragedies that evolved into murder cases, with a Superior Court Judge putting a "gag" on public officials in their relations with the press.

4. The statewide tie-up that brought a virtual halt to construction of new buildings and highways during the summer.

5. Problems arising in the reapportionment of seats in the legislature and in establishing of Congressional districts.

6. The death of four youths from carbon monoxide poisoning while confined in a new jail at Payson.

7. Special sessions of the legislature.

8. The finding of the bodies

of two gunshot victims near Ash Fork and the arrest of a Texas paroled convict and an Ohio minister's daughter who were charged with murder.

9. Error by workman that caused power failure over wide area, giving thousands the experience of being without electrical conveniences.

10. The state's economic development, with some firms expanding and others reorganizing and refinancing as they adjusted to meet new conditions.

This is the third time since 1960 that water has figured in the top spot. In 1960, the news was the finding by a U.S. Supreme Court master that Arizona should have more Colorado River water. In 1963, the No. 1 news was the court's decision that Arizona was entitled to the river's water.

THE NOMINATION of then Arizona Sen. Barry Goldwater as the Republican candidate for U.S. president was the top news in 1964.

"Thirty," the newspaperman's designation for "end" of story, has not been written for several of the top stories of 1965.

In 1966 more will be written for instance about water, the Tucson and Ash Fork murder cases, Congressional reapportionment and the state's economy.

But only time will reveal the top news events of the coming year.

Livestock Fete Next Saturday

First National Bank of Arizona's annual livestock breakfast, held in conjunction with the International Livestock Show, will be held next Saturday at Hotel Westward Ho.

More than 1,300 invitations have been sent to industry figures throughout Arizona and the western states. The steak breakfast will be served buffet-style from 6:30 to 9:30 a.m.

Barricade Violators 'Foolish'

The county highway department today warned motorists against the "foolishness" of passing flood barricades.

An official, dispatching some 20 crews to various emergency road repair and barricade spots, said some people were running barricades to their subsequent sorrow.

"Some people got wet," the official wryly stated.

All three districts of the county sent special road crews out, with traffic safety the main object of their patrols. They are engaged in a variety of barricade, repair, and rerouting work.

VISTA Five To Appear On Campus

Special to The Gazette

TEMPE—Arizona State University will be visited by five recruiters from Washington headquarters of VISTA (Volunteers in Service to America) Jan. 10-14.

Their campus visit is in conjunction with an appearance by Edward May, VISTA deputy director, who will speak at ASU's Center for American Studies lecture series Jan. 12 at 8:15 p.m. in Grady Gamme Memorial Auditorium.

Students wishing to talk with a VISTA representative should contact ASU's Placement Center, preferably from Jan. 3-8, for an appointment.

Tests Set Here By Peace Corps

The Peace Corps placement tests will be given at 9 a.m. Jan. 8 at the Phoenix Post Office.

The test is used to determine how an applicant can best be used overseas. Applications for the corps can be obtained from the post office, or the Peace Corps, Washington, D.C. 20525.

2,200 Flee Salt River Flood; Traffic Tied Up At Crossings



Rampaging waters of Salt River flow bank to bank at Tempe. Water crossed Scottsdale Road at upper left of photo and was cutting dangerously close to Arizona State University's football field just to left of Tempe Butte. Top bridge in photo is highway bridge, and center span is old, abandoned highway bridge. Bottom bridge is Southern Pacific Railway bridge. Normally dry river is quarter of mile wide. Aerial Photo by Herb McLaughlin

Man Vanishes; Water Spills Into Valley

More than 2,200 persons were evacuated from their homes today as swirling brown waters flooded lowlands along the Salt River.

One man was feared drowned when a wall of water engulfed his car on the Hayden Road riverbed crossing, east of Tempe. His companion was rescued by helicopter.

Police closed heavily traveled Central Avenue at the Salt River bridge at 11:30 a.m. except for emergency vehicles as floodwaters threatened to topple a power tower near the bridge. The water ate swiftly away at moorings of the tower.

TRAFFIC WAS backed off the bridge.

This left the Tempe Bridge as the only connecting link between Phoenix, the southside part of the Valley and the main highways to Globe and Tucson. Earlier, the Maricopa Freeway and all riverbed crossings were closed.

Runoff from recent storms in the Valley's watershed areas on the Salt and Verde rivers was being released at Granite Reef Diversion Dam, northeast of Mesa, at the rate of 79,000 cubic feet per second.

THE FLOOD was moving westward at about 4 miles per hour, rushing water. At noon, the

More Pictures, Stories On Page 5

water was bank to bank and 10 feet deep at the bridge in Tempe. The south end of the bridge was sandbagged as a precaution.

Cascading down the normally dry Salt, the water washed out the new \$170,000 flume installation on Country Club Drive north of Mesa, partially flooded the jet runway at Sky Harbor airport, and entered small homes and businesses in the lowlands.

Governor Goddard declared an emergency.

A man bent on a Good Samaritan mission was feared to have died in the floodwaters. His companion was plucked to safety by helicopter after standing six hours on top of their car with water swirling around his knees.

Believed swept to his death in a vain attempt to swim to shore where Hayden Road crosses the river was Carl Pastorino, about 23.

PASTORINO's friend, Gary Hart, 23, was rescued from atop their station wagon at 7:50 a.m. by a National Guard helicopter.

TEMPEANS WARNED ON WATER

Tempe residents today were warned against drinking or using city water without boiling until further notice.

The warning came from Dr. S. F. Farnsworth, County Health Department director. He explained that a power outage stopped sewage pumps in Tempe, backing up, polluting the Tempe water supply system.

Meanwhile, the Mesa sewage treatment plant northwest of the city was inundated early today and is out of service, the Sewage Department reported. The Mesa water supply is not affected because it is upstream from the sewage plant.

Hart told The Phoenix Gazette he and Pastorino drove into the river bed about 2 a.m. after seeing a light and believing someone might need help.

When they were 75 yards from the north bank of the river, he said, a wall of water smashed into their vehicle.

The flood tide, under bright and sunny skies, was approaching Seventh Avenue at noon.

In serious danger were several hundred head of livestock in riverbed pens in the vicinity of 48th Street. Trucks were unable to reach the pens because of the water.

GOVERNOR GODDARD called 400 members of the Arizona National Guard to duty at 2 a.m.

Turn to **FLOOD** on Page 3

Flooding Brings Power Failures

Virtually all the area served by the Salt River Project was without electric power for almost two hours today because of the flooding Salt River.

At 11:45 a.m., a project spokesman said 80 per cent of the affected area had electricity again and the remainder was expected to be back in service shortly after noon. Scottsdale area service was resumed about 11 a.m.

SIX SUBSTATIONS were knocked out when water hit lines near the Tempe Bridge about 10 a.m. One line carried 230,000 volts and five others carried 69,000 volts each.

The area out of electric power included the outskirts of Scottsdale, much of Northeast Phoenix and across the north-central part of the city to 300 W. Camelback.

Arizona Public Service Company (APS) reported a "few isolated" outages but nothing of major importance. Flickering of downtown lights undoubtedly was caused by flood conditions, a spokesman said.

TOTALLY OUT of service in the Salt River system were the

Osborn, Scottsdale, Stadium, Arizona Falls, Madison and Ingleside substations. Partially out was Arcadia.

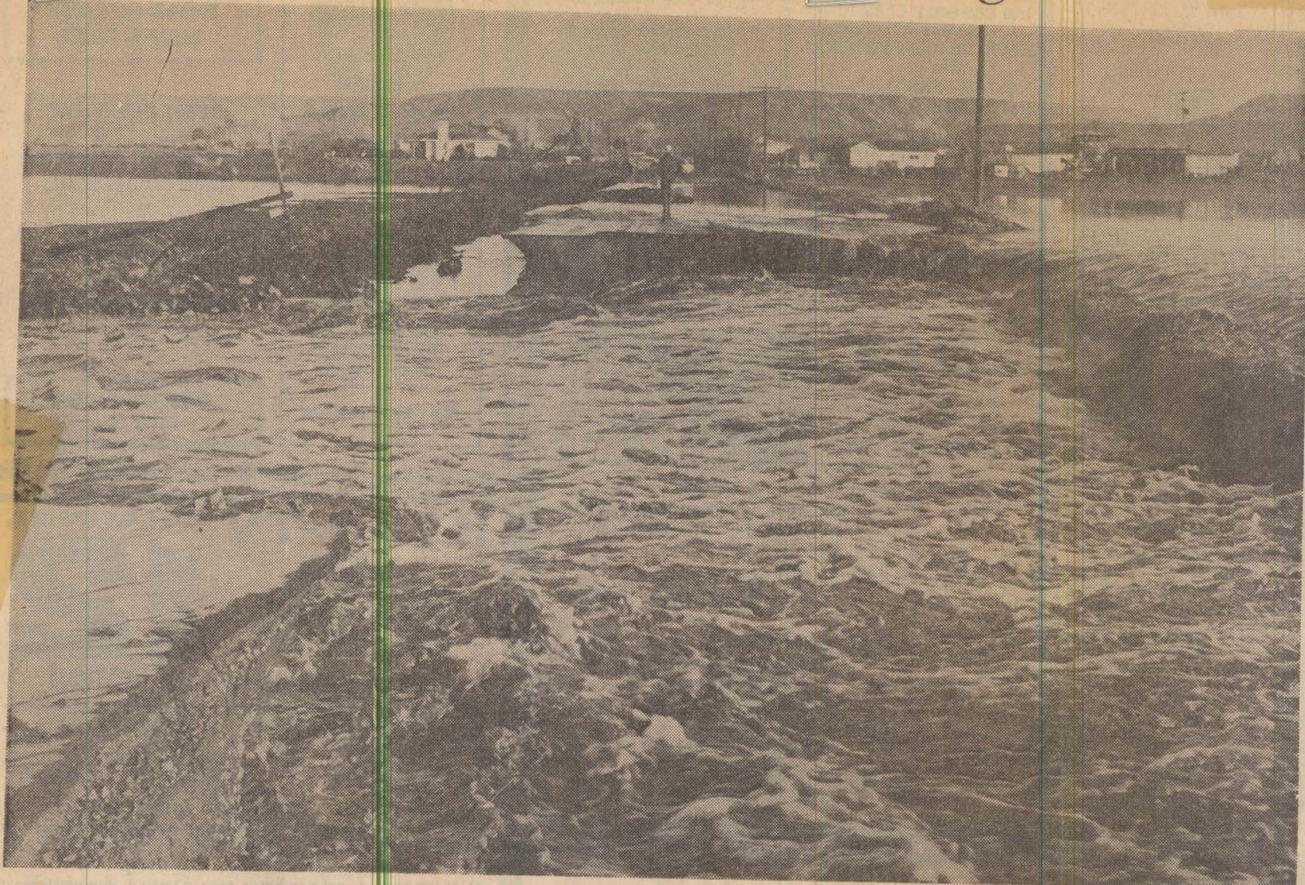
Downtown Scottsdale is served by APS; no difficulty was reported there.

APS crewmen were stationed at strategic locations in case of trouble, a company spokesman said. He added that the company lost a gas line that parallels the Seventh Street bridge. However, the line had been cut off in advance, he said.

A 230,000-VOLT line from the Ocotillo plant to 32nd Street was de-energized in anticipation of trouble.

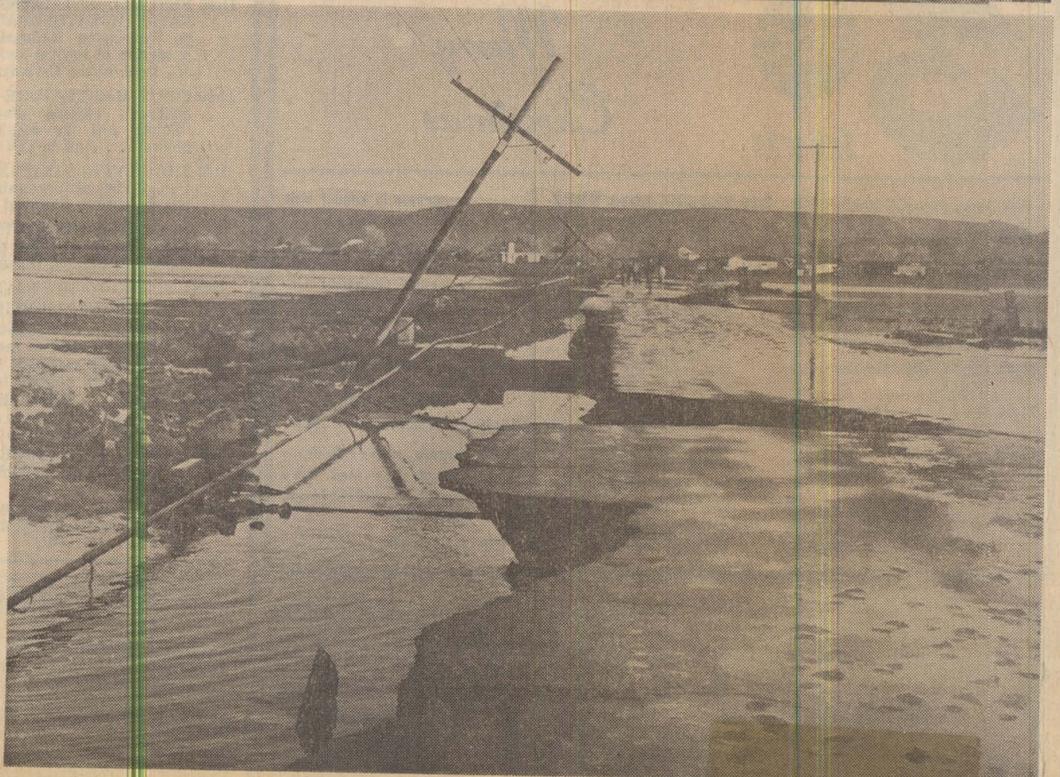
Thomas Mall stores were closing because of lack of electric lights.

Water Power, But in the Wrong Place!



GILA'S HAVOC — Once-placid Gila River slices through small farming community of Bryce, a mile north of Pima, in top photo. Water knocked down power and telephone poles and destroyed a blacktop county road, bottom photo, leaving a 30-yard-wide chasm 5 feet deep. Pictures show area just north of the Pima bridge. Waters began receding and the digging-out process began yesterday morning, but officials couldn't estimate total damage of the flood.

Republic Photo by Jacques Felshaw



More About Rain-Soaked Areas

(Continued from Page 1)

or covered the bridges or crossings were 35th, 19th and 7th avenues and 24th, 40th and 48th streets.

Also closed to traffic were Country Club Drive and Scottsdale and Hayden roads at the Salt River.

At least 50 families moved out of their homes on the Gila Indian River Reservation. Many of those, mostly residents of the Gila Crossing area, spent the last two nights in schools and churches.

SURPLUS commodities and supplies for Yuletide turkey dinners were somehow delivered to numerous other Indian families who remained in their homes surrounded by water. Tribal officials and the Bureau of Indian Affairs jointly conducted the welfare program, said Milan Mockovak, community action program director on the reservation.

With streamflows diminishing, there appeared less danger of drinking water supplies being

contaminated from raw sewage at Tucson and Safford.

Col. Jesse Holloway, state CD logistics officer, said \$1.25 million damage to a trunk line of Tucson's sewage disposal system is "not a major problem at this time."

Holloway said he was assured by Kenneth Scharman, manager of the Pima County Sanitary District, that there would be no contamination threat for at least the next week.

A CRISIS threatening the sewage disposal plant at Safford appeared to have abated yesterday.

Officials indicated that it will be at least Monday before any concerted postflood cleanup campaign is begun.

In Tucson, a meeting is scheduled at 10 a.m. Monday in the office of the Pima County Board of Supervisors to appraise storm destruction on a statewide basis and to attempt to decide ways and means to repair the damage.

OF FIRST concern, said state CD Director Smith, will be the repair of a 2-mile section of

sewer lines torn apart by ram-paging Rillito Creek in Tucson.

Represented at the meeting will be Pima County Sanitary District 1, Pima Board of Supervisors, Tucson City Council, Arizona Highway Department, Arizona Health Department, State Civil Defense and its emergency planning department, Gov. Goddard's office, and the Region 7 Office of Emergency Planning for Civil Defense.

Although most streams continued to flow with abnormally high volumes, they were receding throughout the flood areas yesterday, said Rufus Musgrove, head of the Phoenix water resources division of the U.S. Geological Survey.

THE TROUBLESOME Gila River, said Musgrove, was flowing late yesterday at the rate of 600 cubic feet per second and the water in the channel was 7 feet deep near Laveen.

He predicted that the river would have crested sometime last night near Goodyear and Avondale, where it could cause only minor damage.

More About

Save - Camelback Drive Success

(Continued from Page 1)

so we can go ahead with the acquisition of the entire mountain."

Mrs. Kober said Robert Bayless of Phoenix, and his family, had donated several small pieces of land on the south side of the mountain.

Elizabeth Arden, owner of the celebrated Maine Chance resort at the foot of the mountain on the south side, has indicated by letter that she will at no time build, or allow to be built, any structure on her land which extends from below 1,800 feet to the summit of the ridge.

Mrs. Kober said that east of that ridge is land owned by Jokake and Paradise Valley Inn. Owners of both properties have indicated nothing will be constructed on it, and they indicated that they will donate the land if and when a plan is worked out assuring them that a suitable horse trail will be provided on the mountain top for use not only by their guests but by the public.

ONLY A small piece of land on the "neck" of the camel remains to be obtained, and negotiations are "well under way," Mrs. Kober said, "for its acquisition." Another small area on the head itself is yet to be obtained, but here, too, negotiations thus far indicate a favorable result.

Discussion also are now under way, Mrs. Kober said, with the owner of the largest

piece of land on the north side of the mountain.

"We have every reason to believe," she said, "that this will be successfully worked out."

Discussions have been conducted for some time, she added, with owners of other property above the 1,800-foot level on the north side.

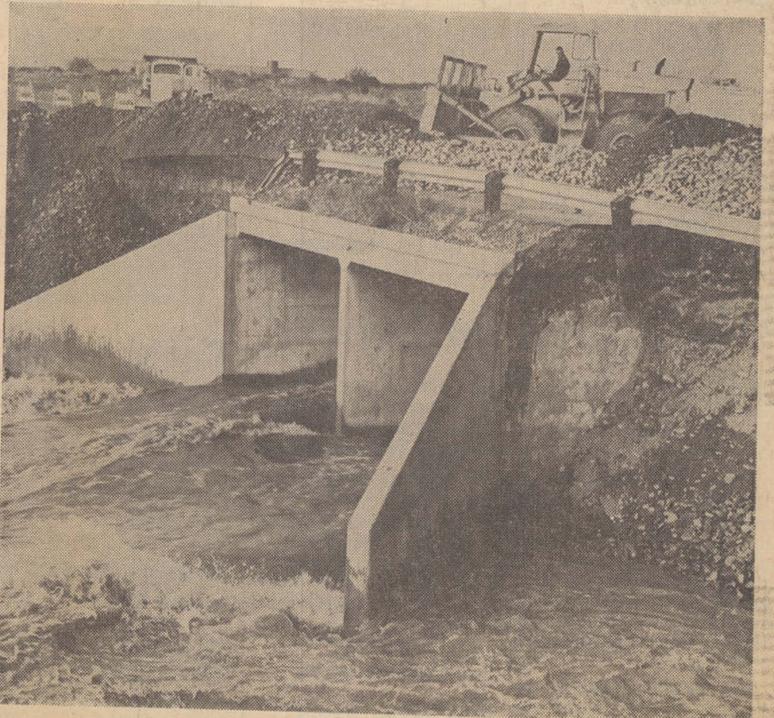
Mrs. Kober said: "Many people, particularly those living in Paradise Valley on the north side of the mountain, have questioned us as to why we started with the south side.

"THE ANSWER, I believe, is to be found in the fact that there were fewer owners to be contacted on the south side and we felt that we could make a better start by doing this instead of trying to include the whole mountain in our early efforts."

Acquisition of the large Foxgal property started the move to acquire all of the south property on the mountain top.

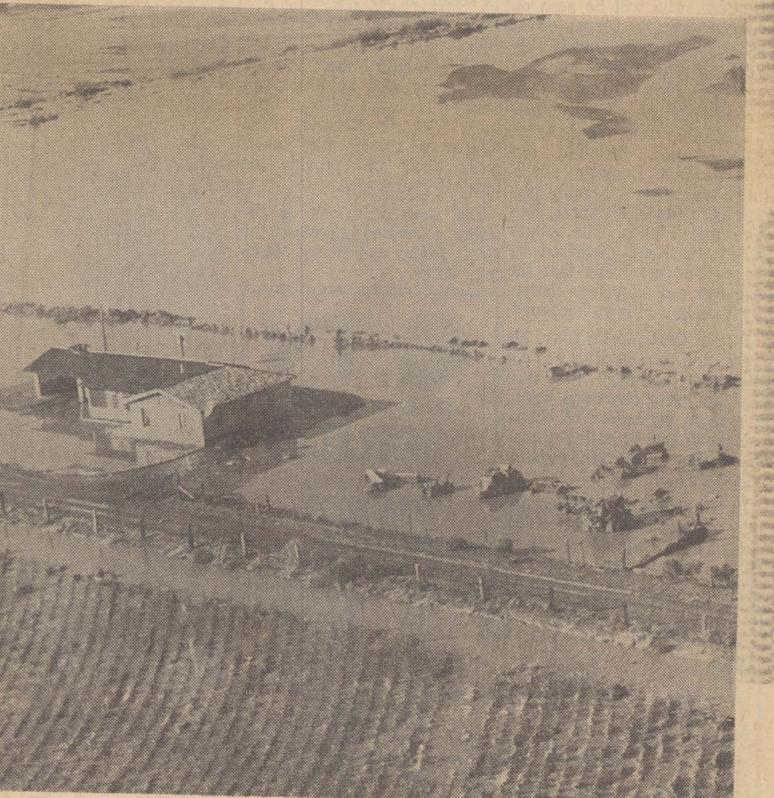
Goldwater and Mrs. Kober expressed their gratitude to not only the many individuals, groups, and businesses which provided funds but to the garden clubs, women's clubs, service organizations, and school groups which provided money as well as enthusiasm and personal effort in campaigning for preservation of the mountain.

Said Mrs. Kober: "We're definitely going to continue. We're going to own that mountain."



Republic Photo by Nyle Leatham

Backlashing Floodwater Eats Away At Salt River's 24th Street Crossing
City Of Phoenix Maintenance Crews Push Rocks Into Voids In Attempt To Save Roadbed



Republic Photo by Earl McCartney

SAFFORD FLOODWATERS—This aerial photograph taken during Gov. Goddard's first-hand flood inspection yesterday shows inundated farmlands in the Safford area. Water from Gila River overflowed banks Wednesday.

More About

Salt River Flood Strikes Valley

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(Continued from Page 1)

fed 250 migrant farm workers in the Buckeye Elementary School.

Meantime, Arizona Public Service Co. issued a plea to Valley residents to cut back their use of natural gas until repairs can be made to major lines which were ruptured in the river at 48th and 56th streets.

Police used sirens yesterday as they drove through neighborhoods along the river alerting residents to leave their homes.

This started about 10 a.m., and an estimated 8,000 left their homes to go to temporary shelters in the Valley. Some four hours later officials were permitting most to return to their homes.

GUARDSMEN assisted the evacuees while Phoenix police remained in neighborhoods to prevent looting. In Tempe and Mesa, guardsmen with bayonets patrolled the streets.

As the crest of the water reached the Tempe area under a bright sun at 8 a.m. yesterday, it flooded the Mesa sewage treatment plant, and both Tempe and Mesa were discharging raw sewage into the river. Sewage ponds in Scottsdale and a ruptured sewer line in Phoenix at 19th Avenue also added sewage to the floodwaters.

DOMESTIC water supplies in the Valley were believed safe, and officials were not concerned about pollution as long as the water ran. However, officials advised that residents in affected areas should boil water.

Gigantic traffic snarls were created both on the ground and in the air as sightseers and emergency vehicles fought to get across the limited routes over the river.

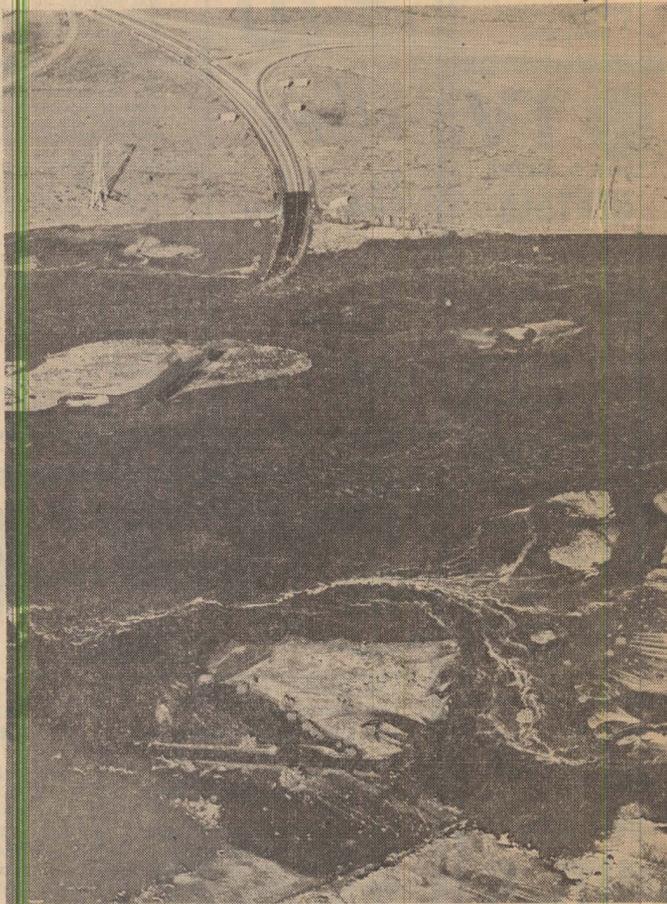
TRAFFIC at the Tempe bridge was backed up on the Phoenix side for several miles, while the Central Avenue bridge was temporarily closed when an electric utility tower threatened to fall on it.

Later, the southbound section of the Central Avenue bridge was closed to all traffic because one part of it sank 4 inches and officials were concerned that the entire span would collapse. The east side of the bridge is a separate structure and not believed in danger. Last night the span was opened and closed sporadically.

THE RIVER water reached the vicinity of Sky Harbor Airport about 10 a.m. and eventually flooded out about 2,500 feet of the 10,000-foot-long main jet runway. However, Federal Aviation Agency officials said they knew of only one airliner which failed to land here. It reportedly landed at Tucson.

About the same time, the water was undercutting the north embankment of the recently completed Maricopa Freeway section of Interstate 10, and the westbound traffic lanes were closed at the bridge.

The State Highway Department late yesterday was trying



CULVERTS GONE—Salt River waters hide Country Club Road crossing at Mesa where 23 recently installed concrete pipes were ripped out. Crossing replacement cost estimates run as high as \$175,000.

to save the roadway southeast of the bridge by dumping large rocks and old car bodies into the river to prevent further erosion into the embankment.

THE FAA SAID the sky over the Valley was filled with small executive type aircraft and helicopters, including one occupied by Gov. Goddard and his aides. A large section of northeast Phoenix was without power for about two hours yesterday when the water, which was moving along the river channel at 4 miles an hour, knocked down six lines between Hayden Road and Tempe.

Arizona Public Service reported it lost a 125-foot-high transmission tower at Seventh Street and the river, but power outages were few. The APS spokesman said the tower was embedded in 35 feet of concrete, and that repairmen were keeping an eye on additional towers.

ABOUT 6 p.m., a second power failure hit the northeast Phoenix area because of a power overload on a 69,000-volt system originating from the Agua Fria station, SRP officials said. They said power was restored in about 15 minutes.

APS also reported a gas line

was ruptured at Seventh Street, but the most important losses were those at 48th and 56th streets. The company suggested householders set thermostats at 65 degrees to help the firm maintain pressure in the lines. APS said no one is without gas service.

THE CREST of the river was believed to have passed Phoenix yesterday afternoon. At that time, the SRP was releasing 78,000 cubic feet of water per second into the river at the Granite Reef Diversion Dam. That flow amounts to 577,200 gallons per second flowing past a given point.

The water in the channel was a mile wide or more at several points, and as it passed beneath the Tempe bridge it was about 10 feet deep. Several businesses in the vicinity of Scottsdale Road and the river were flooded.

PHOENIX officials said a very few homes in the city received water. The river ran 6 to 8 feet deep in most places under the Central Avenue bridge, but in some places where the city had excavated to prevent damage to the structure, the water was 30 feet deep.

Thomas Neiswander, a retired civil engineer and consultant to the Maricopa County Flood Control District, told The Arizona Republic the flood could have been much more severe if so much gravel hadn't been removed from the river bed during the years of recent city growth.

HE ALSO said that if there weren't dams on the Verde and Salt rivers the flow through the Valley would have been around 200,000 cfs, almost three times as much as poured along the channel yesterday.

"Last week around Christmas it would have run 220,000 cubic feet per second without the dams," Neiswander said.

He added, "We're subject to get a return of this (the flooding) until June."

NEISWANDER, who began working here for the Bureau of Reclamation in 1913, said the worst flood from the Salt River occurred in 1891.

He said floods along the Salt River in 1916, 1920 and 1938 were much worse than the current one, but there was less damage because the area along the river route was not built up.

Evacuees

(Continued from Page 1)

Elementary School, and Sierra Vista Elementary School.

There were some dramatic rescues during the flood danger. However, few homes were flooded. Residents were warned to evacuate danger areas by law enforcement agencies, the Red Cross and Civil Defense workers.

Homecoming for many came only after a day-long exodus of people and their belongings from low-lying areas on the north and south sides of the Salt River stretching from the spilled-over dams north of Mesa east to farmland on the west side near Buckeye.

At least 150 families were evacuated about 1:30 p.m. from homes on the south side of the river near 35th Avenue. A spokesman for Maricopa Civil Defense said the decision to evacuate the 35th Avenue area was made by an official of the Maricopa County Flood Control District. Almost all of the 35th Avenue area residents were back in their homes last night.

One man, Carl Pastorino, 23, of Scottsdale, was feared drowned when water engulfed his car on the Hayden Road riverbed crossing east of Tempe. A companion, Gary Hurt, 23, same address, standing on top of the car, was rescued by a Luke Air Force Base helicopter.

About 500 National Guardsmen with 90 heavy four-wheel-drive trucks helped provide transportation for evacuees at the request of civil authorities. The National Guard also provided two helicopters and three fixed-wing planes.

IN A pre-dawn rescue, a Luke AFB helicopter lifted five Salt River Project employees off a barge which it was feared would be swept over Granite Reef Dam.

As the crest of the flood ripped through the Valley, Maricopa County sheriff's cars drove through areas, giving residents warning over loudspeakers.

THE FIRST evacuees arrived at rescue centers as early as 6 a.m.

At South Mountain High School, Principal Forrest H. Darsey arrived at 3 a.m. after he was notified by the Civil Defense.

He and David R. Goodson, associate principal, estimated 3,500 evacuees went in and out of SMHS yesterday. Nick Fitch, high school food services director, said 90 dozen eggs and four cases of jam were consumed for breakfast.

Fitch and cafeteria personnel served soup at noon, and more than 1,000 steaks at about 3:30 p.m. Fitch said some were coming from across the street for the food. He added: "We're feeding some of these people three or four times."

RED CROSS nurses at SMHS reported several children were treated for measles, as were heart patients and a diabetes case.

Floodwaters to Fall Today As SRP Eases Dam Flow

By BEN AVERY

The raging Salt River is expected to grow tamer this morning.

Barring another warm night in snow-covered mountain watersheds to the north and east, Salt River Project officials said the amount of water flowing through the Valley will diminish early today.

THE SRP yesterday reduced the peak flow of 192,000 cubic feet per second into the Salt and Verde rivers to 75,000 cfs through its dam system, and planned to continue that rate until about 3 a.m. this morning.

"We will maintain this release of water until we have 100,000 acre-feet of freeboard in Roosevelt Lake and at least 15,000 acre-feet of freeboard in Bartlett Reservoir," Rod J. McMullin, project general manager, declared last night. Freeboard means available storage space.

"We just have to watch it on an hour-to-hour basis," he declared.

BUT IT looked like the emergency was past, at least until early next week. The weather bureau's only moisture prediction for today was a few snow flurries in the Show Low-McNary area which would not cause trouble.

But the five-day forecast indicates another period of rain and snow may develop early next

week, probably Tuesday or Wednesday.

Project officials worked around the clock Thursday night and yesterday controlling the flow of the two rivers on an hour-to-hour basis in order to prevent serious damage in the Phoenix area.

THE TROUBLE started without warning when the first rise was reported at 4:05 a.m. Thursday morning on Salt River. But that was a mere 3,800 cubic feet per second.

The first increase had registered on the Verde River at 12:40 a.m. Thursday, when the flow was measured 2,100 cfs.

Neither of these readings was an adequate forewarning of what was to come, however.

And Rod J. McMullin, general manager, said there was no warning in weather reports.

HE DECLARED untrue contentions that the project waited too long to begin release of water from the dams in its desire to hold back as much as possible for future needs, causing the Phoenix area flood to be larger than necessary.

McMullin said release of the water was delayed until early morning hours so it would arrive before daylight. This made it possible to evaluate the effect of the water immediately when it reached the Mesa, Tempe and Scottsdale areas, he said.

At no time did release of water down the river past Phoenix exceed 78,000 cfs.

"THIS COULD have been 192,000 cubic feet a second except for the round-the-clock work of our people," McMullin pointed out.

"The weather forecast as late as Thursday morning when our gauges recorded the first rise in the rivers still was for no more than a quarter inch of rainfall in Arizona."

McMULLIN said the rise was gradual, giving no indication how high it would go. And the project was working with a freeboard of about 150,000 acre-feet in Roosevelt, 9,000 in Saguaro Lake, and 20,000 on the Verde, he said.

Gates were opened on the Verde as soon as it became apparent that the flood was substantial, and releases never had to exceed 30,000 cfs despite the fact that the river above the dam went as high as 39,200 cfs at 5:40 a.m. yesterday.

HOWEVER, the Verde flow above the dams started declining slowly early yesterday, and by 1:40 p.m. was down to 25,000 cfs and still falling.

The picture on the Salt River system was similar when the rise started.

The first rise was noted at 4 a.m. Thursday, with an inflow to Roosevelt Lake of only 507 acre-feet per hour, but by 8 a.m. the inflow had reached 3,048 acre-feet per hour.

THE SALT continued to rise gradually, and by 3 p.m. Thursday the flow above Roosevelt passed 57,000 cfs, the highest that could be recorded on the automatic chart. Thereafter the gauge had to be read visually.

Maricopa Freeway Hit; Battle to Save Bridge

By JOE R. COLE

The roiling Salt River yesterday struck a \$300,000 blow to the newest section of interstate highway in Phoenix.

Floodlights were set up last night to allow state highway and private work crews to continue an all-out effort to save the eastern approach to the Maricopa Freeway bridge, about one mile northwest of where the freeway meets 40th Street.

FLOODWATERS, pounding down the old river channel even as a new channel was formed, ate away dirt and gravel under the freeway's three-lane section which takes traffic into Phoenix.

The surging water for a time threatened to undermine enough roadbed to make it necessary to close off the entire 2.5-mile section of the freeway between 16th and 24th streets. That \$1.25 million section of Interstate 10 was opened to traffic only a month ago.

ANGUS CHADWICK, deputy state highway engineer, said crews would be working today to restore foundations to the bridge approach. He said it would cost at least \$300,000 to repair the damage and to construct a dike to prevent recurrence.

Erosion took away almost 1,000 feet of the asphalt curb lane, and tumbled about 75 feet of the concrete right-hand lane into

the water. That concrete is 9 inches thick.

Crews from the Arizona Highway Department and United Materials dismantled what remained of 1,000 feet of guard rail to allow trucks to back up to the brink of the highway, where they dropped hundreds of tons of rocks into the rushing river.

THE ROCKS, some boulders twice the size of a man's head, disappeared as fast as they were dropped until the trucks had been working three hours.

Junk car bodies, lashed together by a cable secured to center divider posts of the freeway, were shoved into the channel, and eventually saved the bridge approach.

Five of the cars were swept away as they hit the water when the cable snapped. But another eight or nine held, forming a breakwater to keep the rock and gravel from washing away as it was dumped into flood.

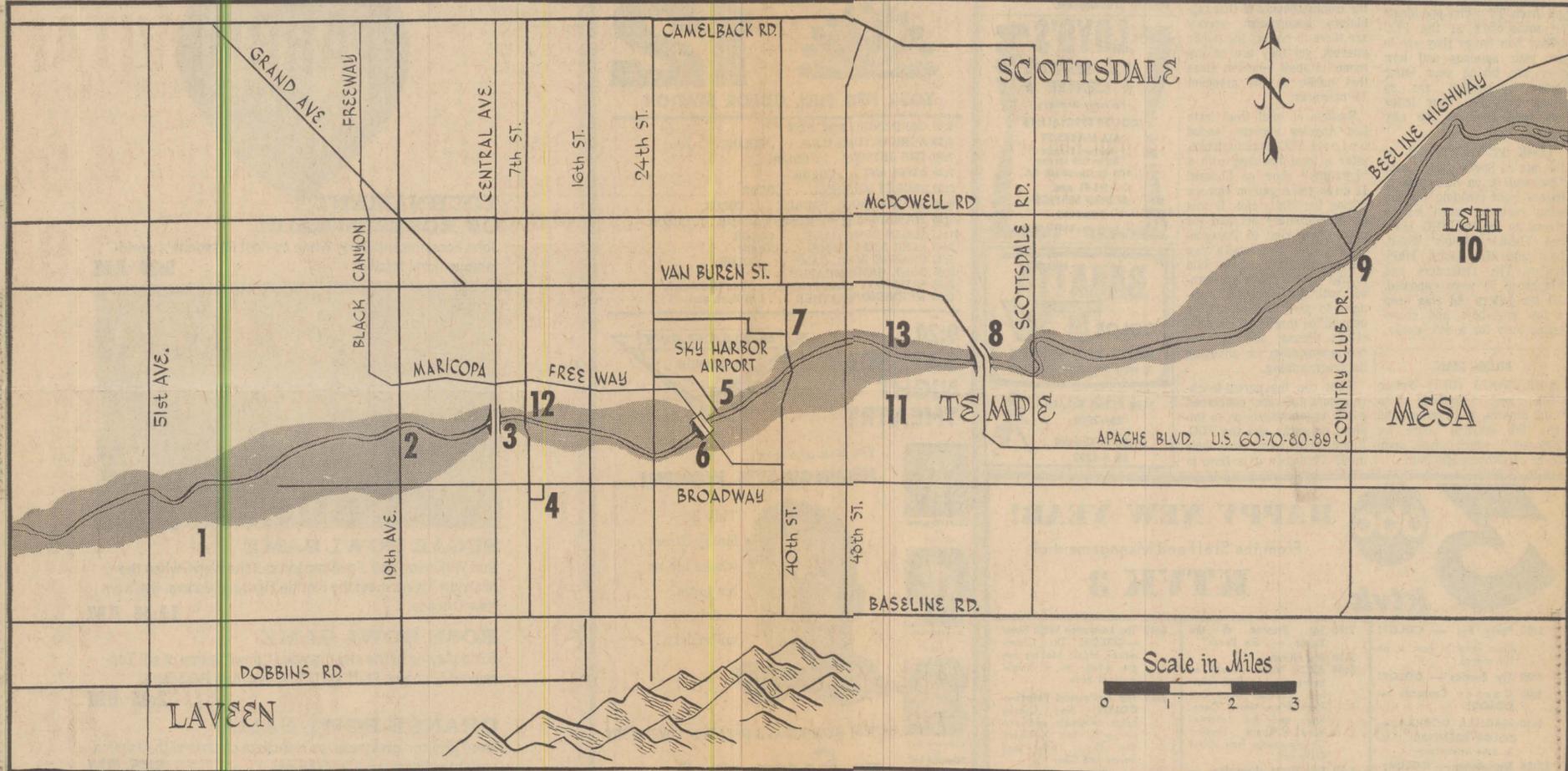
THE OPENING of the floodgates on the Salt River system actually had started at Stewart Mountain Dam (the lowest) at 7:13 p.m., when all eight gates were raised to allow about 9,000 cfs to pass. This was increased gradually until a total of about 40,000 cfs was flowing down the river.

Opening of the dams moved upstream, with Canyon Lake, then Apache, and finally Roosevelt so that none of the lower structures would be damaged.

While project officials were being criticized by many citizens upset over a barrage of wild rumors, Cliff Pugh, assistant regional director of the U.S. Bureau of Reclamation, and A. B. West of Boulder City, Nev., the director, made a helicopter survey of the situation during the afternoon.

"THERE IS NO evidence of any damage to any of the dams or to the canal system," Pugh said.

"The flood through the Valley actually was much less severe than I thought it would be from listening to the radio." Both Pugh and West were high in their praise of Salt River Project personnel.



WHERE WATER IS—Map above shows major flood areas in Valley. 1. Area temporarily evacuated between 35th and 51st avenues, Broadway and Southern; 2. Telephone poles downed at 19th Avenue and the river; 3. Traffic stacked up at Central Avenue bridge as it was closed, then partially reopened; 4. South High School evacuation cen-

ter at Seventh Street and Broadway; 5. Sky Harbor Airport at 24th Street, where main runway was partly flooded, few homes and businesses under water; 6. Maricopa Freeway on new Interstate 10 vicinity 28th Street where river threatened bridge approach, damaged roadbed; 7. Small evacua-

tion area along 40th Street, north of river; 8. Tempe bridge clogged all day by traffic as recon-verted to two-way use when flood blocked riverbed lane; 9. New culvert-crossing of Salt River at Country Club Drive washed away; 10. Lehi farming community residents moved out as pre-

caution; 11. Damage to feedlots, and cattle moved; 12. Salt River Power District transmission tower toppled by river at Seventh Street, causing power outage in northeast Phoenix and Scottsdale; 13. Arizona Public Service gas lines ruptured at 48th and 56th Street river crossings.

Valley New Year's Almost a Washout

Dec. 31, 1965, a Day to Remember for Salt River Flood Watchers

Editor's Note: This story about those who crowded the banks of the Salt River to watch it in rare flood was written by a journalism student at Arizona State University.

By JERRY LIPMAN

TEMPE — It was quite a day at Hayden's Ferry, all right.

The year end excitement might have prompted those on the scene, along with many other Arizonans throughout the state, to borrow from ancient Chinese tradition and dub 1965 "The Year of the High Water."

And the rocky slopes of Tempe Butte made a perfect vantage point from which to view the events of one of the Valley's more memorable New Year's Eves.

ON A DAY which brought Valleyites both ingredients mentioned in the adage about "hell and high water," those who escaped the former scrambled over the craggy

mountain throughout the day to observe the latter.

Despite the havoc and hardships wrought by the flooding Rio Salado—Arizona's venerable Salt River—desert dwellers found an almost hypnotic attraction in the gushing river.

They toiled to the peak of the 1,495-foot butte at the north edge of the Arizona State University campus, clambered around its flanks and circled its base, gazing at the swift-running water from every angle.

OTHERS fanned out along bridges, riverbanks, and any viewing points available. Many left, only to return within a short time and stare silently at the scene.

Several hundred yards upstream from Tempe Butte, where water lapped at a bank directly behind the north end zone bleachers of ASU's Sun Devil Stadium, the hill's lower reaches took on the appearance of an island with ocean surf swirling at its edges.

At one place along the butte's north side, a jutting rock finger extended into the stream, which, at that point, coursed from 500 to 600 or more yards wide. Crashing into the rocky outcropping in a boiling series of chocolate-colored rapids, the Rio Salado displayed a face and spoke with a thunder more reminiscent of the mighty Colorado, 200 miles to the north.

HIGH ON THE butte itself, although they were sympathetic to Valley neighbors who had suffered flood-caused losses or property damage, a picnic atmosphere prevailed among the spur-of-the-moment mountaineers. It brought persons of every description by every means of transportation, turned out in every mode of dress and bearing all manner of equipment.

They came by foot, bicycle, motorscooter, motorcycle and pickup truck, while official observers in spotter aircraft and helicopters buzzed overhead. Elderly ladies in chic

outfits and high heels, and others in dude-ranch dress, mingled with coeds in clinging stretchpants. Among them trooped children, teen-agers and young family groups in more functional, if less elegant, climbing togs.

MOTHERS holding babies were flanked by walkie-talkie-carrying pre-teens and binocular-packing detail men. The thirsty brought soft drinks, and the benevolent brought their pets, so that future poodle generations might be told first-hand of the year the Salt came to life. The ever-present camera bearers surrounded them all.

Was it a day to remember? Ask anyone who was there.

They'll never forget it.

Flood Damage to Crops Reported Slight

Flood damage to Maricopa County agriculture is expected to be very light, the director of a key federal agricultural agency said yesterday.

Steve Faltis, state executive director of the Agriculture Stabilization and Conservation Service, said he received few reports yesterday of crop damage in Maricopa County.

Faltis, who is also chairman of the U.S. Department of Agri-

culture's state defense board, said the board was ready yesterday to ask for federal food rations for flood evacuees, but learned ample welfare rations are available in Phoenix.

THE BOARD, he said, is making a study of agricultural damage caused by recent floods in Pima, Pinal, Santa Cruz, Greenlee, Graham and Gila counties.

"Damage in those counties is quite extreme," he said.

There is a good possibility, he said, that the state defense board will ask the USDA to declare the six counties emergency areas.

He said this would release emergency ASCS funds to be used to help rebuild damaged farm areas.

Damage from floods in Yavapai County is also being studied, Faltis said, "but the damage is not so extreme there."

More Rain, Snow Slated For Arizona

By THE ASSOCIATED PRESS

More rain and snow are forecast for Arizona during the coming five days, but the U.S. Weather Bureau says the precipitation is expected to be light.

Showers are forecast around the state tonight, with the snow level dropping as low as 6,500 feet.

Temperatures will average near or slightly above normal during the coming five days.

It will be windy today and Thursday, and cooler on Thursday.

The weather bureau says precipitation will average about one-quarter inch Thursday and Friday, and more showers can be expected next week.

Several points around the state reported a trace of precipitation early today, but there was no measurable rainfall or snow.

Maverick had a low of 12 this morning, but generally mild temperatures were reported around the state. Other lows included 48 at Yuma and Phoenix, 50 at Tucson, 32 at Flagstaff, 45 at Ft. Huachuca and Gila Bend, 42 in Prescott, 33 in Douglas and 36 at Winslow.

'Everywhere Is Locked,' Christine Sums Up Flood



You Can't Cross The River, You Know. It's Locked
Baby Gilbert Eyes Flurry Of Flood Evacuation. His Mother Is Mrs. Charles Espindola



Child's Eye-Witness Account Rambled Like The Deluge
So Evacuee Alma Arranda Thought It Wise To Bring Puppy, Too

"A whole bunch of water is near the river there—the water's real deep.

"They kept throwing in a whole bunch of rocks. We didn't even take any clothes. We got right in the car."

A child's eye-witness account of the raging flood waters which forced her family's eight members to evacuate to Sunland Elementary School rambled like the deluge.

"IT'S A BUICK. My Daddy bought it. And I took my buggy and my doll. I got it for Christmas."

Frightened? No. Five-year-old Christine was not frightened. Can she swim? "No," she replied simply, "the water is too deep."

"You know the night that I broke all my teeth," she diverted the topic to a subject she considered to be of more impact than the flood, whistling all the while through four vacant front teeth.

"I WAS throwing up and throwing up. My grandmother gave me money to buy some medicine," she coughed and held a limp hanky to a runny little nose.

"You can't cross the river

you know. It's locked. An army truck came and said you can't pass. You could go to Broadway, but Broadway is locked. The river's locked. Everywhere is locked."

When would Christine return home? Logically, she said, "When the water stops."

"I don't know where they are going to turn off the water. The water is too deep to turn off. The rain caused it."

Could you put a boat in it? No. Not as far as Christine was concerned. "We don't have a boat."

BUT HER friend, Pauline, brought a color book, which her sister gave her for Christmas. And that, in Christine's mind, is second only to hav-

NATURE DISCUSSION

Beta Sigma Phi, Psi chapter, will meet at 8 p.m. Monday in the home of Mrs. Guy Tufts, 3116 N. 53rd Parkway. "Nature" will be the topic of discussion. Mrs. Robert Guilbault and Mrs. Tony Karaba are program chairmen.

ing a television set at the Sunland School shelter.

Pauline, 9, joined her little friend to comment, "It's too awful, cause you might drown. If you could swim it might help."

The two little girls and a flock of eyes, pigtails and tennis shoes which gathered to listen solemnly agreed that they might be in the school for an entire week. And several added that they didn't like school—under any circumstances.

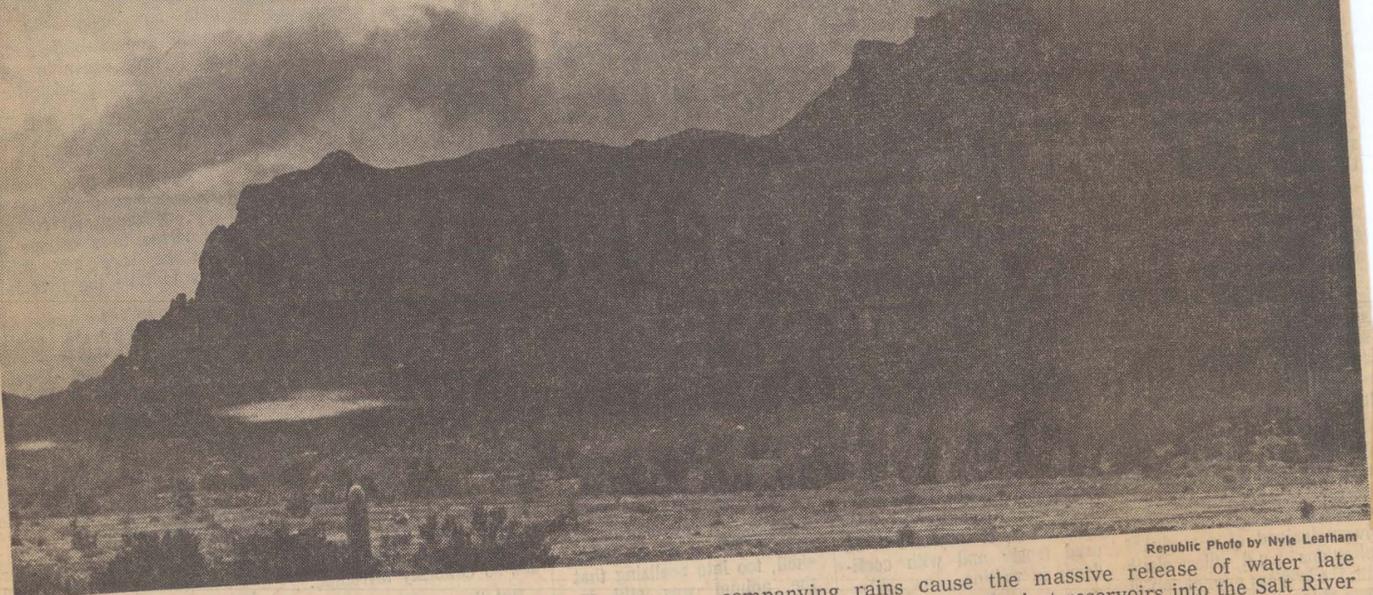
BUT IT WOULD give them time to "talk, sleep, eat and talk—and meet people."

New Year's Eve would not be as they had planned. One little girl who had hoped to "go over to South Mountain and play around and perhaps see a wildcat" decided she had discovered a much more formidable foe than a wildcat—"You can always protect yourself from a wildcat," she concluded thoughtfully, "water is more scary."

Look for annual sale ad elsewhere in this newspaper.
Crown Florist Supply

Army Republic 1-1-66

The Anatomy of a Flood



THE SOURCE — Thunderclouds loom menacingly and dump rain squalls on the Superstition Mountains east of Apache Junction. Runoff from the Superstitions and other mountains and ac-

companying rains cause the massive release of water late Thursday from Salt River Project reservoirs into the Salt River which caused flooding in the Valley.

Republic Photo by Nyle Leatham

Confluence of the Waters

Out of the Mountains, Slouching Toward Phoenix to Be Born

By HAROLD R. COUSLAND

CREEKS FLOWING into Roosevelt Lake from rain-drenched mountains helped form the anatomy of the mile-wide Salt River flood that crested through the Valley Friday.

The heavy runoff into the sprawling lake behind Roosevelt Dam, 78 miles northeast of Phoenix, came not only from the Salt River but from torrents of water in usually dry watershed streambeds.

Heavy rains over the Salt River Project watershed Wednesday night and Thursday morning caused the Project to open the spillgates at Roosevelt Dam for the first time since 1941, releasing 540,000 gallons of water a second into the usually dry Salt River.

A reporter-photographer team from The Arizona Republic witnessed watershed conditions around Roosevelt Lake on Thursday only hours before the spillgates were opened.

This is how they saw the flood developing:

—Water was literally running off the rocks beyond the cloud-shrouded fortress of the Superstitions.

At the U.S. Forest Service campground, where Boulder Creek runs from the Superstitions into Canyon Lake, a little duck swam among picnic tables, some of them completely under water. Trash cans were barely visible next to mesquite trees which looked like cypress in a Southern swamp.

The Apache Trail was cut off 29 miles short of Roosevelt Dam by a 50-yard-wide torrent of water in Tortilla Flat Creek.

"IT LOOKS more like home than the desert," said Stella Yates, of Couer d'Alene, Idaho. She was one of a party watching the creek.

The Payson and routes to Roosevelt closed, leaving Arizona

from Globe-Miami to the lake as the only possible open road.

Passing through Superior, rivulets of water could be

seen cascading down rock cliffs. About 5 miles east of Superior, on U.S. 60-70 spray was tossed as water swirled down a hillside and under a

highway bridge into Queen Creek.

Bloody Tanks Wash through Miami widened with sudsy waves that lapped against

cottonwoods on its banks.

THREE MILES NORTH of the Miami turnout to Roosevelt on Arizona 88, a current in normally dry Pinal Creek undermined the road shoulder. Highway department crews cut the road to one lane, and dumped and bulldozed sand to shore up the roadway against the rushing waters. Pinal Creek flowed 75 yards wide, forming islands of greasewood and mesquite.

As dusk neared, Roosevelt Lake ahead looked like a band of silver stretched around a curve in the mountains.

About 11 miles from the lake, Pinto Creek churned choppily out of control. It rumbled by trailer houses at Sportsman's Lodge, where a bulldozer was working toward darkness to build a sand protection dike. Owner Charley Nichols, also a member of the Gila County Board of Supervisors, said the lodge's artificial lake had been washed out by Pinto Creek.

NICHOLS estimated runoff in the county had caused \$250,000 damage to ranch stock, dikes, water tanks and fences. He said several ranch families in Gila County, stranded by the waters, had been brought out by county heavy equipment.

At 5:45 p.m., the only persons atop Roosevelt Dam were three fishermen from Globe. They said the fishing was lousy. The lake water was only 4 or 5 feet below the top of the spillway gates and hardly 15 feet from the highest part of the dam wall.

It was calm. But in a few hours, the same water roared violently through the floodgates, ripped into the old Salt River channel and headed on its destructive journey into metropolitan Phoenix.



NEW WATERFALL — Water sweeps over jagged rocks on a hill 5 miles east of Superior. The waterfall, resulting from heavy rains in the area, ran under a highway bridge and fed fast-flowing Queen Creek.



ROAD CLOSED — Tortilla Flat Creek, foaming and churning in a 50-yard-wide, rain-swollen current, closes the Apache Trail Highway from Apache Junction to Roosevelt Dam.

the big news
WATER

56



The Salt River looked like this New Year's Day, 1966. Tempe is across the waves.

ED TOLIVER—SRP



Gazette Staff Photo

Mrs. Ada Pope of 3010 W. Northern, and neighbor, Bobby Boyd, clear mud and silt from the walk in front of her home while her daughter, Ann, works cleaning mud from doorway. The Pope family kept much of the water out of home by piling dirt in front of door. A few inches still managed to seep in. Silt from nearby fields and Cave Creek Wash was ankle deep in the street.

BACK TO NORMAL p.h.

58 Cave Creek Does Jekyll, Hyde Routine

Cave Creek is usually nothing more than a dry wash.

Early this week, however, it became a raging torrent and for a time threatened to flood homes over a wide area in north and northwest Phoenix.

And today the waters slowed to a trickle, reverting back to its normal state.

The creek drains a considerable desert area north and northeast of Phoenix. Approaching Phoenix, it runs from Greenway Road, south to the Arizona Canal at a point of Dunlap Avenue, and between 19th Avenue and the Black Canyon Highway.

HEAVY RAINS filled the creek to capacity Tuesday night, halting traffic at crossings on Peoria, Cactus, Thunderbird and Bell roads.

The flooded creek hit the canal, spilled over its concrete covered banks and spread out over farm and residential areas, roughly from 19th Avenue to 35th Avenue, running as much as a foot deep on north-south streets. The flood extended in some areas as far east as 15th and 17th Avenues and south of Glendale Avenue.

TODAY, CAVE Creek was running about two feet deep, was well within its banks, and the water was gradually receding.

Salt River Project officials said the south bank of the Arizona Canal is concreted to form a natural spillway at the juncture of the canal and Cave Creek. This prevents the bank from washing out when the volume of water flowing down the creek is too

great for the canal to carry off.

The Arizona Canal serves as the only drainage channel for Cave Creek, carrying the water into New River by way of Skunk Creek. Without the canal, all waters from the creek would empty into the northern part of the city, causing more flooding than has been experienced.

More About

Heavy Rains

(Continued from Page 21)

Throughout the day, roads in all parts of the Valley were closed periodically as water swept over them. The hardest-hit area was between Seventh Street and Seventh Avenue, from Broadway to the river.

Roads likely to remain closed through today were:

—IN PHOENIX, 48th Street at the Salt River bottom.

—West Valley, Bell Road at 19th Avenue and Cave Creek Wash; the New River crossings of McDowell, Indian School, Northern, Olive and Peoria, the Skunk Creek crossings of 83rd Avenue and Thunderbird; and 67th Avenue at Broadway, and Union Hills New River crossing.

—East Valley, Mesa Drive at Baseline; Gilbert Road south of Williams Field Road; and 40th Street at Stanford.

12/16/67 *Ariz. Rep*

Heavy Rains a Hardship to Valley Residents

The rains of the past few days combined yesterday to give many Valley school children, including all those in Scottsdale School District, a holiday.

The water closed roads, with the Scottsdale area a major sufferer, and led to a scramble by many far-east Valley residents to find a route across flooding Indian Bend Wash.

INDIAN BEND Wash bisects Scottsdale from north to south near Hayden Road. It was filled with 500 cubic feet of water per second from the Arizona Canal and swamped Sahuaro High School and the new city park in the wash.

The flooded wash caused a traffic tie-up on the east side of Scottsdale in the early morning as motorists kept heading south to beat the advancing waters across

the major east-west arteries. By the time the water reached Van Buren at about 10 a.m., Shea Boulevard on the north had become passable again and motorists started back that way.

In all, .86 of an inch of rain fell on the Valley yesterday, eclipsing the 59-year-old record of .64 inches for the date. Weather officials said, however, the rainfall was not especially large for this time of year.

The three-day rainfall, totaling 2.76 inches at Sky Harbor, eliminated the rainfall deficit for the year. Total precipitation for the year is 7.03 inches. The average at this date is 6.72 inches.

TODAY, the storm is expected to bring scattered showers and slightly warmer temperatures.

Despite the hardships, the Valley's industrial employers—including Motorola, Sperry, General Electric and Reynolds—reported normal or near-normal conditions in their indoor operations. Reynolds closed its outdoor operations and some smaller firms called off the day's work altogether.

Seriously hampered, however, were the Valley's farm laborers who were unable to work for the second straight day. Jim Newman, director of the Maricopa County Community Action Program, said most such outdoor workers will face real financial hardships at Christmastime if conditions in the fields do not improve soon.

MARICOPA County agricultural

agents said the storm would not directly harm cotton and field crops, but they warned that a delay in harvesting could be dangerous if cold weather sets in before all crops, including citrus, were picked. Muddy conditions would probably hamper cattle feeding operations also, they added.

Another segment of the population which had difficulty navigating was the schoolchildren. High absentee rates on Thursday prompted several school districts to cancel all classes yesterday.

School was out in Scottsdale, Phoenix Elementary No. 1, Isaac, Balsz, Cartwright, Wilson, Murphy, Kyrene, Cashion, Mesa Community College and in several parochial elementary and high

schools. Attendance at schools not closed ranged down to 50 per cent of normal.

SCHOOL officials registered little doubt that classes would be normal on Monday. Districts that closed will have to make up the day later on to remain eligible for their full allocation of per capita state aid.

Some 400 to 500 Paradise Valley residents near Scottsdale Road and Cactus were without water from 8 p.m. Thursday until 1 p.m. yesterday. Officials at Desert Springs Water Co., which serves the area, said a water main broke, flooding the pumping equipment.

Officials of the Salt River Project predicted that the storm would cause no serious runoff or flooding problem in the system of canals and reservoirs that supply water to the Valley. They said

that most of the snow that fell in the SRP's northeast watershed would probably remain frozen there until spring and then come down gradually.

"THIS should make next year a bonus year for water," said an SRP spokesman. "This snow will provide plenty of runoff next year and help protect our water supply."

The spokesman explained that some SRP canals in the Valley had been swollen to overflowing not by runoff from the mountains but by rain on the desert floor. He said the serious flooding two years ago was caused by a combination of prolonged rains and unseasonably warm temperatures — factors not operating this year to now.

(Continued on Page 22, Col. 2)

Squish, Slosh and Brrr! Six Days of Rain in Valley

Ariz. Rep.
12-19-67

The Valley sloshed and shivered its way through the sixth straight day of stormy weather yesterday and braced for more of winter's miseries this morning.

With still more rain and chill to come, Valley residents could look back on a record six days in which the temper-

ature failed to climb to 50 degrees.

Hardest hit by the inclement weather were about 1,200 families of migrant farm laborers who were thrown out of work.

THE MARICOPA County Migrant Committee yesterday issued an appeal for

clothes, blankets, money and food to aid the storm victims.

According to the migrant committee, some families which had planned to move on to find work were stranded by the closing of roads in most parts of the state. There were also reports of weather-

er-related sickness, particularly among children.

Several private and public welfare and health and church groups are coordinating the aid campaign. Contributions can be made by contacting the Arizona Migrant Ministry, 3500 N. Central, Room 309, Phoenix.

TRAFFIC FLOW throughout the Valley again was hampered by the rains yesterday, with washed out roads being the main cause of delays. Conditions were the worst in rural areas. In the urban and suburban communities around Phoenix the roads were generally passable.

"Everything's closed that's got a wash on it," said Samuel Lanford, county engineer, of road conditions outside the incorporated areas. "Every wash in the county is running and driving is hazardous everywhere."

In the west end of the Valley, most east-west roads were expected to be closed through today because of rising waters of New River.

IT WAS SWOLLEN by desert runoff and overflow from the Arizona Canal. East-west roads expected to remain open are Glendale Avenue, U.S. 80 and U.S. 60-70.

In the east end, many roads in all areas were expected to remain closed. Queen Creek, swollen by the overflow from the Whitlow flood control dam, had washed out all its road crossings in the southeast Valley.

CITY PUBLIC works officials said yesterday's rain was slow and steady enough to be contained by the city's small storm sewer system.

Trash collection was suspended again in Phoenix as crews went to work helping city maintenance workers clean up and patch the storm-riddled streets.

"If the rain stopped right now we'd have two solid hard weeks of street repair work ahead of us, mainly on chuck holes," said James Attebery, assistant public works director.

Youngsters at Phoenix Indian High School were told yesterday the storms had forced cancellation of their Christmas vacation. Noel Scott, the principal, explained that many of the students live on reservations in such remote and inaccessible parts of the state that it would be impossible for them to reach home.

The U.S. weather bureau at Sky Harbor Airport said .25 inches of rain fell yesterday, bringing the seven-day total to 3 inches. The six-day run of low temperatures broke the old record of five days, set back in January 1937, when Phoenix last saw a full inch of snow on the ground.

County, City Flood Damage at \$250,000

Damage mounting to more than \$250,000 is expected to be totaled from Valley flooding this week which has caused at least 256 persons to flee their homes.

Largest single item is expected to be

repairs required of the City of Phoenix and Maricopa County for chuckholes and washed-out streets.

FRED GLENDENING, city director of public works, estimated the cost for

Phoenix will be about \$100,000. Samuel Lanford, county engineer, put the county figure between \$100,000 and \$250,000.

Private property damage is expected to run in the thousands of dollars. Between 50 and 60 homes were flooded in a northwest Phoenix area roughly bounded by 19th and 31st avenues, from Dunlap to Bethany Home. This appeared to be the Valley section hit hardest as far as monetary loss.

THERE WAS no known evacuation of residents from that area. However, damage to floors and furniture was extensive from water depths reaching 2 feet in some dwellings.

Valley law enforcement authorities reported all persons who evacuated their homes because of actual or threatened flooding had returned home by last night.

Evacuees numbered 104 at the so-called Yaqui Village in Scottsdale near McDowell and Indian Bend Wash. Scottsdale officials said only five or six homes actually were flooded. Residents spent the night at St. Daniel the Prophet Catholic Church at Scottsdale.

ANOTHER 100 persons living along the banks of the Agua Fria and New rivers west and southwest of Phoenix spent Tuesday night at Agua Fria High School at Avondale. Another 33 were sent to Buckeye Elementary School.

And 19 farm laborers at John Jacobs Farms near Peoria Avenue and the Black Canyon Freeway were cared for at Maryvale High School.

Officials said flooding in northwest Phoenix was caused by an overflow of water from Cave Creek Dam and normal rainfall runoff in the area. The floodwaters poured into the Arizona Canal, overflowing the canal and causing spillage at controlled spillways near 23rd and 31st avenues.

GLENDENING said the flooded homes lie directly in the path of Cave Creek Wash, which experienced a peak flow of 1,000 cubic feet per second.

However, Glendenning, who said he resisted residential development of the area while he was county engineer in the 1950s, said rates of flow in that wash reached 9,000 cfs in 1943 and 30,800 cfs in 1921.

Fred Brescia, owner of the Concord Apartments at 1702 W. Tuckey Lane, estimated \$30,000 damage was done there to 24 first-floor apartments. Water in the apartments reached depths of 1½ to 2 feet.

PHIL GOLDSTEIN, owner of the Charles Gate East Apartments next

(Continued on Page 18, Col. 2)

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More
About

Flood Damage Near \$250,000

(Continued from Page 17)

door, estimated damage to his 16 apartments at \$15,000.

E. O. Harper, principal of Orange-wood School, 19th Avenue and Orange-wood, said up to 9 inches of water filled 50 rooms at the school. He estimated damage at from \$1,000 to \$5,000.

Residents in the northwest area complained they were not given sufficient warning of flooding by city officials. Others complained the fire department would not help them pump out water with its pumping equipment.

CITY MANAGER Robert Coop answered by declaring city police did their

best under circumstances which included not knowing exactly where floodwaters would strike.

He added that the fire department does not generally render pumping assistance unless it involves "the saving of a human life."

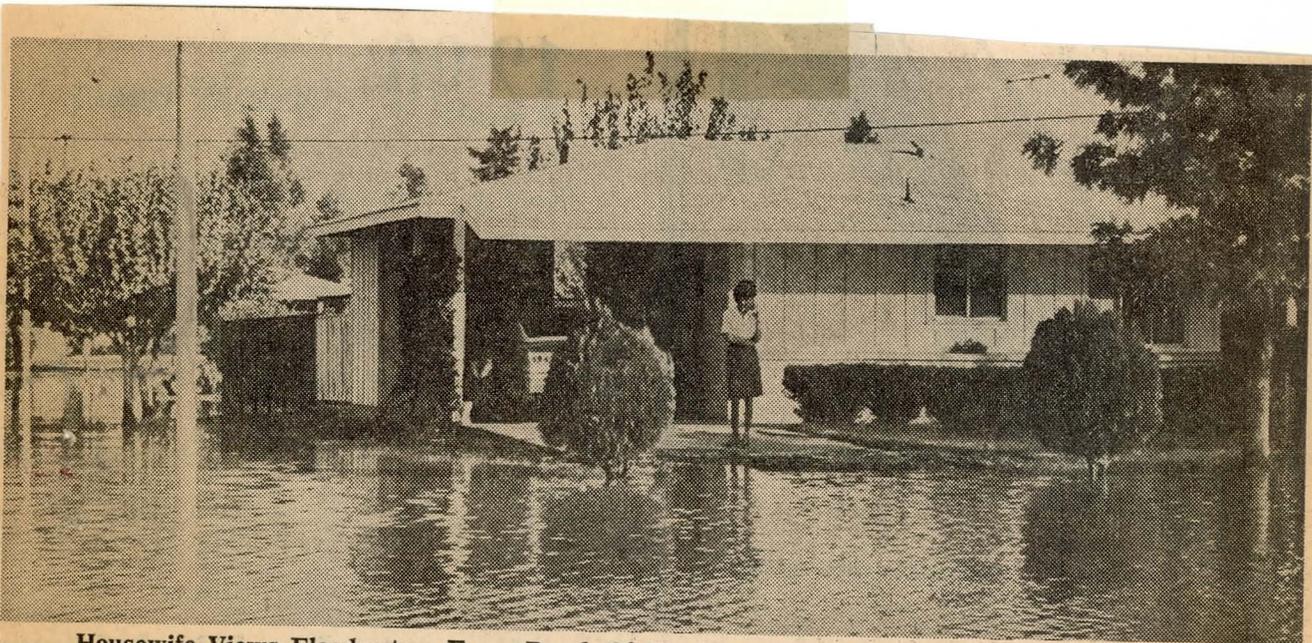
Some Glendale business houses along Grand Avenue between 51st and 55th avenues suffered minor flooding. Grand Avenue in that area was closed by floodwaters temporarily, but it was reopened at 4 p.m. yesterday.

Officials in Scottsdale, Mesa, Tempe,

Chandler and Apache Junction reported inconveniences but no major damage.

NUMEROUS RESCUES of stranded persons were effected by the sheriff's office along the reaches of the Agua Fria west of Phoenix. However, no identifications were available.

It was also reported that two unidentified Luke AFB airmen were rescued by a farmer and his son when they disregarded a street barricade and their car was swept away by the rampaging Agua Fria at the Indian School crossing. The pair was rescued from a gravel mound they managed to reach after swimming for their lives, sheriff's deputies reported.

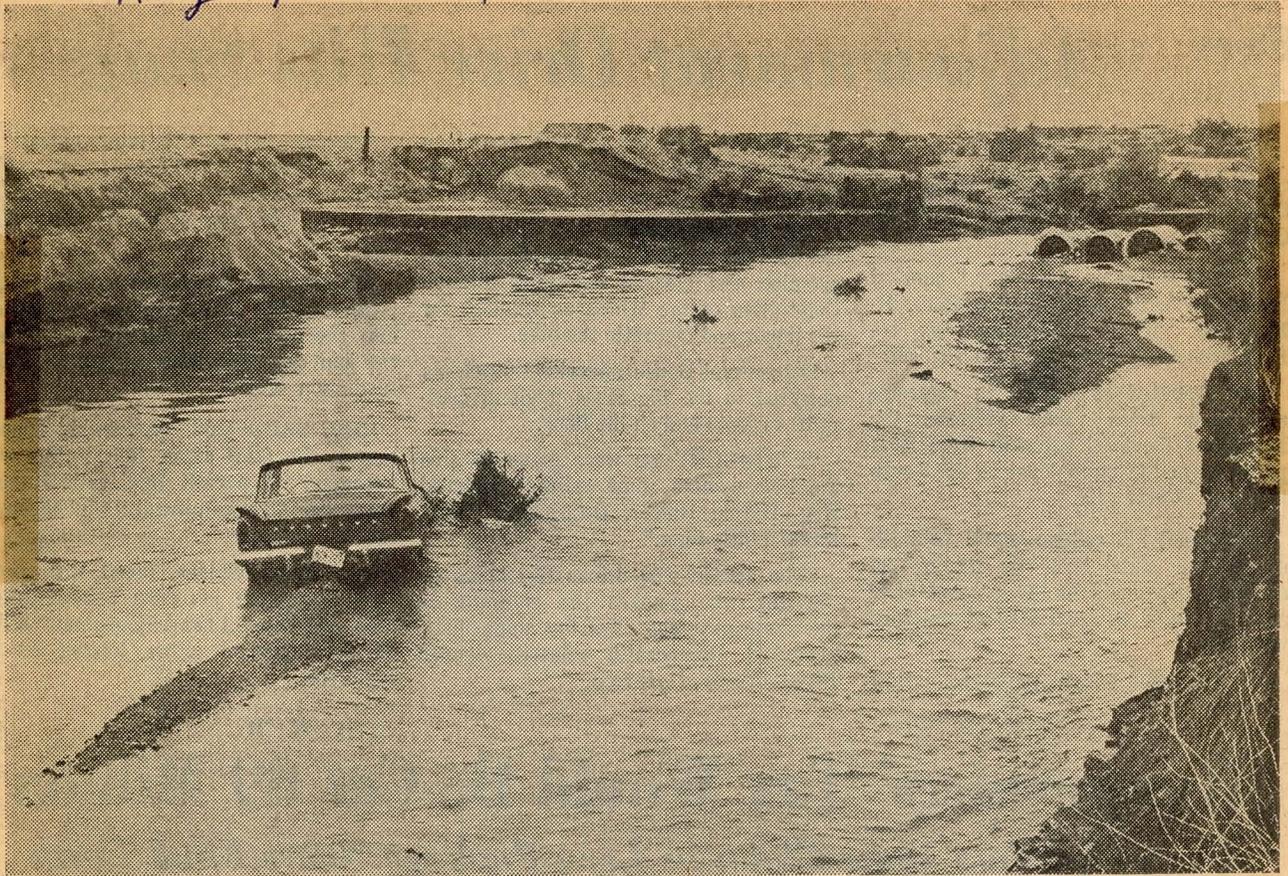


Housewife Views Floodwaters From Porch Of Her Home At Bethany Home And 27th Avenue

7/21/67
Ariz. Res.

Ariz. Rep. - 12-21-67

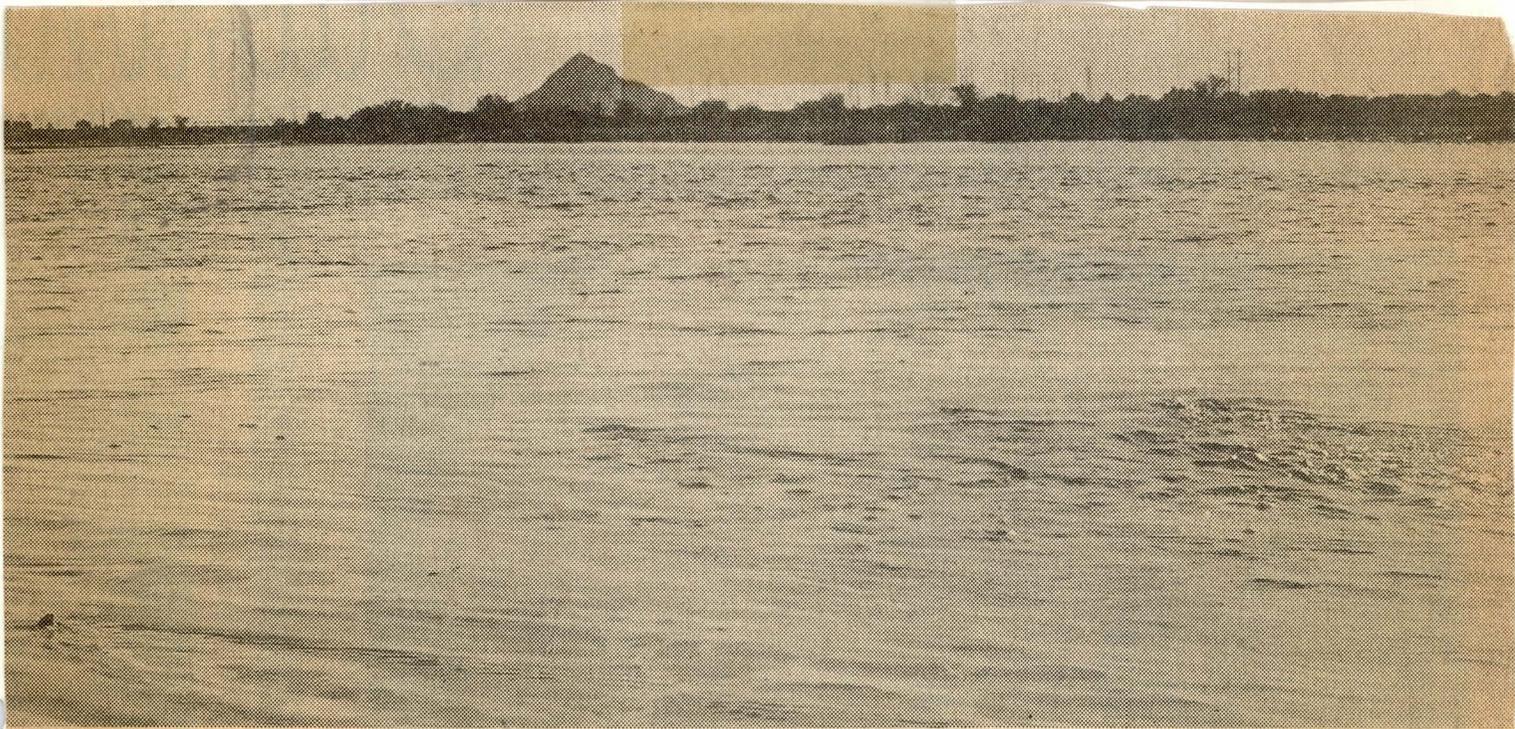
60



LONG WAY FROM ROAD—This abandoned automobile rests atop sand bar in middle of Cave Creek just south of Thunderbird, shown in back-

ground. Roadway was washed out Tuesday night by water being released from Cave Creek Dam, and the car was a casualty.

Republic Photo by Ludwig Keaton



Water flooded 48th Street and river bottom during height of heavy mid-December rainfall in Phoenix.

Gazette S

12-21-67 Ariz. Rep

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Continued cloudy with occasional showers and cooler. Today's high near 53, low about 47. Yesterday's high 61, low 50. Humidity: high 96, low 62. Details, Page A-11.

The modern woman needs only two friends: one to talk about and one to talk to.

THE ARIZONA REPUBLIC

MINOR FLOODING IN VALLEY; SNOW CAUSES EMERGENCY

Families Flee Homes When Waters Rise

Runoff from the Valley's seventh consecutive day of rain last night swelled rivers, canals and streams, causing minor flooding in widely scattered areas. Several dozens families fled homes in the mobile section of Peoria.

Waters in the Phoenix area receded after three or four hours, and officials were convinced the problem had passed for the night. Continued cloudy skies with occasional showers were forecast for today.

Heavy rains on the desert, including .98 of an inch in Phoenix, caused the Arizona Canal to overflow between 31st and 19th avenues.

SOME 30 TO 40 families in a mobile home park on New River Road at Bermuda Road in Peoria evacuated their homes last night when the New River overflowed its banks. They were reported staying with friends.

Thirty Yaqui Indians were evacuated from their homes in Vista del Camino, Scottsdale, when Indian Bend Wash overflowed, threatening their homes. They were taken to St. Daniel the Prophet Catholic Church in Scottsdale.

IN PHOENIX, waters of up to 18 inches were reported in six northwest areas at the height of the water flow, about 8 to 10 p.m., but flooding was minor and receded rapidly. Both Cortez High School, 31st Avenue and Dunlap, and Orangewood School, 19th Avenue and Orangewood, had several inches of water inside.

Main area of flooding was from 19th to 31st avenues from Dunlap to Northern. Others included:

- 27th to 31st avenues from Northern to Belmont.
- 31st Avenue from Belmont to Orangewood.
- 19th to 23rd avenues, Northern to Orangewood.
- 15th to 19th avenues from Northern to Myrtle.
- 19th to 21st avenues from Glendale to Ocotillo.

(Continued on Page A-12, Col. 3)



Anything For A Dry Head, Say Christmas Shoppers As They Scurry From Store To Store In Year's Worst Storm

'Great Storm' Highlights

Seven days of rain and snow which have buffeted Arizona had by yesterday produced these news highlights:

DEATHS — Nine have been connected with the weather, including six yesterday.

ECONOMIC LOSS — An estimate of "tens of millions of dollars" in property damage, agricultural losses and reduced shopping.

SNOW — Flagstaff immobilized under 83 inches and Prescott with 60 inches.

INDIAN PROBLEM — Three Nava reservation deaths but area denied disaster status by White House.

FLOOD — The weather bureau warned of heavy runoffs in desert washes and in the Salt and Gila river basins; New River overflowed in the Peoria area, forcing 30 to 40 families to leave their homes; in Phoenix, the Arizona Canal overflowed, causing minor flooding.

COMMENT — Gov. Williams again tells Arizonans "not to panic" and assures everything possible is being done.

Williams Calls On Arizonans Not to Panic

Arizona's week-long storm, which has piled almost 7 feet of snow in Flagstaff and taken at least nine lives, has created a widespread emergency but is not a crisis "of national significance" warranting federal disaster aid, Gov. Williams said last night.

In a telephone interview from his home, and while snow continued to deepen in mountainous areas of the state, Williams implored Arizonans not to panic and said state agencies "are doing everything possible to cover all bases."

BUT AS HE SPOKE, the U.S. Weather Bureau in Phoenix issued a 10 p.m.

More Weather Stories, Page B-1

runoff warning for "desert washes for another six to 12 hours . . . and in the major streams for another 12 to 24 hours or more."

The bureau reported heavy runoff in the Salt and Gila River basins as the result of last night's rain.

"All interests should be alert to this dangerous situation and take all action necessary to protect life and property from the high water . . . motorists should be alert to high water in dips and unbridged river crossings," the statement warned.

AN EARLY WATER panic was felt by Globe residents at 10:30 p.m. as the Bluebird Mine Reservoir, an earthen dam 2 miles northeast of the city, was reported to be on the verge of crumbling.

A Gila County sheriff's deputy later reported that the dam had been shored up and apparently would hold. No Globe residents were evacuated.

Williams blamed the tenacity of the weather for most of the state's current storm problems.

"We've had similar situations before, but not spread over such a wide area for so long," he stated.

UNFORTUNATELY, he said, not even state governors can control the elements

(Continued on Page A-12, Col. 1)

More About

More Snow, Floods Ahead for Arizona

(Continued from Page A-1)

"although several people have suggested I try."

Northern Arizona, meanwhile, waited for any kind of respite from the elements to hasten rescue operations, especially on the Navajo and Hopi Indian reservations, while the Salt River Valley and southern portions of the state battled high winds, rain and flooding. The Papago Indians in Southern Arizona were waiting for the rain to end, too.

Almost an inch of rain fell in six hours late yesterday afternoon and evening in Phoenix, bringing rainfall for the series of storms to 3.98 inches, a new record for December.

THE RAIN CAUSED the closing of dozens of streets in the Valley and threatened many residential neighborhoods with floods.

All the resources of the state, and some from outside, were being thrown into the effort, but weather forecasts offered little hope for relief before late today or tomorrow.

Gov. Williams said every usable piece of equipment was in use or standing by, but most could not be operated until the precipitation ceases.

THE COST TO the state and counties of combating the weather is expected by the end of the week to reach the \$750,000 mark, the level required before aid from the federal Office of Emergency Planning can be granted, Williams said.

Sen. Carl Hayden, D-Ariz., announced in Washington that the federal apparatus has been alerted and is ready to move as soon as the state qualifies for disaster aid.

Flagstaff, Prescott and Payson were hit hardest by the storm's seventh day

THE SNOW accumulation was 83 inches at 6 p.m. yesterday in Flagstaff, with 8 more inches expected last night. Everything was halted but emergency rescue and relief work.

The snow depth topped 5 feet at Prescott, with rainfall during the day flooding the downtown. Volunteers and jail trustees labored to keep street drains cleared of snow to let the runoff escape.

At Payson, communications from Phoenix were virtually impossible. The Payson hospital was reported crowded with frostbite patients.

THE ENTIRE communities of Pine and Strawberry were isolated. The only communications possible were by citizen's band radio from Payson.

A hard rain reported late last night posed the threat of possible flooding in Tucson. There had been no earlier flood reports from the Pima County west but a continuation of the pelting downpour into today could cause problems.

The flood threat was intensified by afternoon reports of a warming trend in the nearby Catalina Mountains, where there was 7 to 8 feet of snow. Both Sabino and Tanque Verde creeks drain the Catalinas into Rillito Wash, which runs across the north side of Tucson.

Deaths attributed yesterday to the storm included:

—**THREE AT** Prescott, according to Yavapai County Sheriff Al Ayars. Novena Castello, age unknown, was found frozen to death outside his home in downtown Prescott Monday night. The names of the other two victims were not available.

—Wallace Riley, 53, was found frozen to death Monday outside his home on Arizona 173 about 2 miles south of Pinetop. A neighbor found him.

—A **COLORADO** motorist reportedly was asphyxiated and his wife and daughter overcome by carbon monoxide when their car became stuck in snow on U.S. 89 near Flagstaff. They had waited for help with the motor running.

Clarence Bickford, 63, of Montrose, was dead when Coconino sheriff's deputies arrived. His wife Ann, 61, and daughter Jewel, 19, were revived and hospitalized in Flagstaff. The family was en route to Buckeye for Christmas with relatives.

—A **6-DAY-OLD** Navajo Indian child died of exposure at Tolani, near Red Lake 50 miles northwest of Flagstaff on the reservation.

Three storm-attributed deaths had previously been reported.

Evacuation operations were reported

in progress yesterday at the following places:

—Prescott expected to have at least 300 people in temporary quarters by last night from the Groom Creek, Highland Pines and Ponderosa Park mountain residential sections. Mayor Graham of Phoenix said he was sending road equipment and seven workers to aid Prescott in clearing roads.

—**FIVE** families, a total of 19 people, were taken from their homes in Jerome to temporary quarters in Clarkdale and Cottonwood. The roofs of the homes were considered near collapse from snow accumulation.

—At Cottonwood, lowland residents were being rescued from rising waters along the Verde River, swelled by rainfall all night that melted the previous days' snow.

—Six people were reported stranded on the John Lewis ranch near Paradise in eastern Cochise County, but bad weather prevented air units from Ft. Huachuca from flying in to evacuate them or drop supplies. The stranded people had been subsisting on one meal a day for 5 days, and were running short on supplies, Army officials reported.

—**THE LONE** watchman at Maverick, Martin Chinche, 65, had not been heard from for a week. Maverick, a logging camp 35 miles southwest of Springerville, was closed last summer. Flight efforts to reach Maverick to determine Chinche's condition, thwarted yesterday, were scheduled for the first break in the weather today.

—At Mt. Lemmon near Tucson, 38 people at Summerhaven remained stranded. An Army caravan from Ft. Huachuca was unable to proceed from Tucson yesterday. Mrs. Thorne Pierce, owner of the Ponderosa Lodge at Summerhaven, said they had sufficient food but no heat or power. Snow was 7 feet deep there.

—Five or six families were evacuated from their homes at Flagstaff when roofs threatened to collapse. More were expected to flee their homes last night as the snowfall continued.

—**AT NOGALES**, 25 people were housed temporarily at the National Guard Armory after rain in leaking homes forced them to leave.

Railroads in the state were operating yesterday, although behind schedule as much as three hours in the northland.

The Atcheson, Topeka and Santa Fe across northern Arizona was for many communities, including Flagstaff and Winslow, the only means of delivering emergency supplies of milk, staple foods and medical supplies.

TWO TRAINS through Winslow yesterday carried 659 passengers, many of them bus and airline passengers stranded by the storm in various communities.

At Prescott, Western Union announced it would accept messages only of "direst emergency."

In all the snowstricken counties, police, sheriff's departments, civil defense and search and rescue personnel went on "as-long-as-they-can-stand" duty basis.

IN AREAS where evacuations were not necessary, rescue forces were delivering food, clothing and fuel and determining the condition of residents in more remote areas.

At Clifton, the San Francisco River was flowing between 1 and 2 feet above normal level, portended flooding for areas further down, on the Gila and Salt rivers, including the Phoenix area.

In the Phoenix area, authorities geared up for another possible flood of major proportions.

THE ECONOMIC impact of the worst weather in Arizona's recorded history may reach tens of millions of dollars. Any hard estimate of agricultural, industrial, lost business and property damage would be futile until the weather breaks.

The most widespread and difficult to cope with trouble was with Arizona's Indians.

Relentless snow, rain and wind thwarted all rescue operations in northern Arizona.

RAIN on top of previous days' precipitation accounted for threatened runoff at most elevations below 6,000 feet.

Business and residential roofs were reported collapsing at Flagstaff, Prescott, Jerome, Payson, Cottonwood and Clifton.

More
About

Primed for Flood

(Continued from Page A-1)

In addition, the vicinity of Indian School and 64th Avenue had foot-deep water.

FLOODGATES at Lake Pleasant were opened shortly after 11 p.m., when available storage capacity was down to 32,000 acre-feet and total water stored was 125,000 acre-feet.

Release was at the initial rate of 10,000 cubic feet per second into the New River, and officials said as it flowed it would close all crossings of the Agua Fria and New rivers from Peoria, Olive and Northern avenues all the way south to Van Buren and the Gila River.

IN GLENDALE, water from runoff and a ditch seeped into some businesses between 51st and 55th avenues on Glendale Avenue. Water from one-half to 2 feet deep was reported on Grand Avenue in downtown Glendale, principally between 55th Avenue and 57th Drive.

In Tolleson, water from a break in a lateral at 91st Avenue and Van Buren gurgled through streets in the downtown area.

The Salt River Project said late last night that 2,300 cubic feet per second of water was flowing into Indian Bend Wash in Scottsdale. As the water flowed southward all major and minor east-west crossings in Scottsdale would be closed, it said.

SRP OFFICIALS, emphasizing that all water released was yesterday's runoff, not watershed water, said 600 cubic feet per second was flowing through Jointhead Waterway, east of 48th Street on the Salt River.

At Granite Reef Diversion Dam, 7,700 cubic feet per second of runoff was flowing into the Salt River.

Cave Creek was sending 650 cubic feet per second into the Arizona Canal, SRP officials said.

The overflow came as Phoenix city officials started preparation for a flood ing into the Salt River.

BARNEY DUNN, emergency control center deputy chief, alerted National Guard and civil defense headquarters of the flood conditions.

At a special meeting late yesterday of state, city and county officials, Fred Glendening, director of public works, said:

"We're primed for a pretty good flood."

As he spoke, the city was recording the .98 inch rainfall which brought the month's total to a record 3.98 inches.

Almost simultaneously with the city

meeting, officials of the SRP gathered to discuss plans to handle any flood that could develop.

ONE PROJECT spokesman left the meeting to notify The Arizona Republic that "we are eyeballing the situation and trying to evaluate it on a minute to minute basis."

The Weather Bureau said waters would continue high in desert washes for most of today and in major streams for perhaps 24 hours or more.

It cautioned that in the Salt River and Casa Grande valleys flash flooding was possible.

The bureau said most of the runoff in the Salt and Verde rivers is above the dams.

AN SRP OFFICIALS said project watersheds had 750,000 acre feet of unfilled capacity the Verde River reservoirs increased gradually through the day, however, from 18,000 cubic feet per second at 4 p.m. to 27,000 cubic feet per second at 7 p.m.

It was reported slowing later in the evening, however.

He said 10,000 cubic feet per second represents a loss of about 100 acre feet per hour of the unfilled capacity of the reservoirs.

WATER RELEASED from the Verde reservoirs ends up in the Salt River, as does water released from the Salt River reservoirs, which are in higher and colder country. Run-off into the Salt River reservoirs is generally slower because most of the moisture at this time of year falls as snow.

Glendening, at the city's special meeting, said city crews—as the meeting was in progress—were enlarging the Salt River bed opening under the 40th Street bridge to take care of possibly 15,000 to 18,000 cubic feet per second of water flow.

At press time, while no project water was being released into the river bed, the normally dry Salt River held some water which was diverted from open areas throughout the Valley into project wasteways and canals.

THE PROJECT official emphasized that this is not "our water," but rather local rainfall running off the desert and streets. Where possible, he said, the project is trying to help the communities and residents in the desert areas.

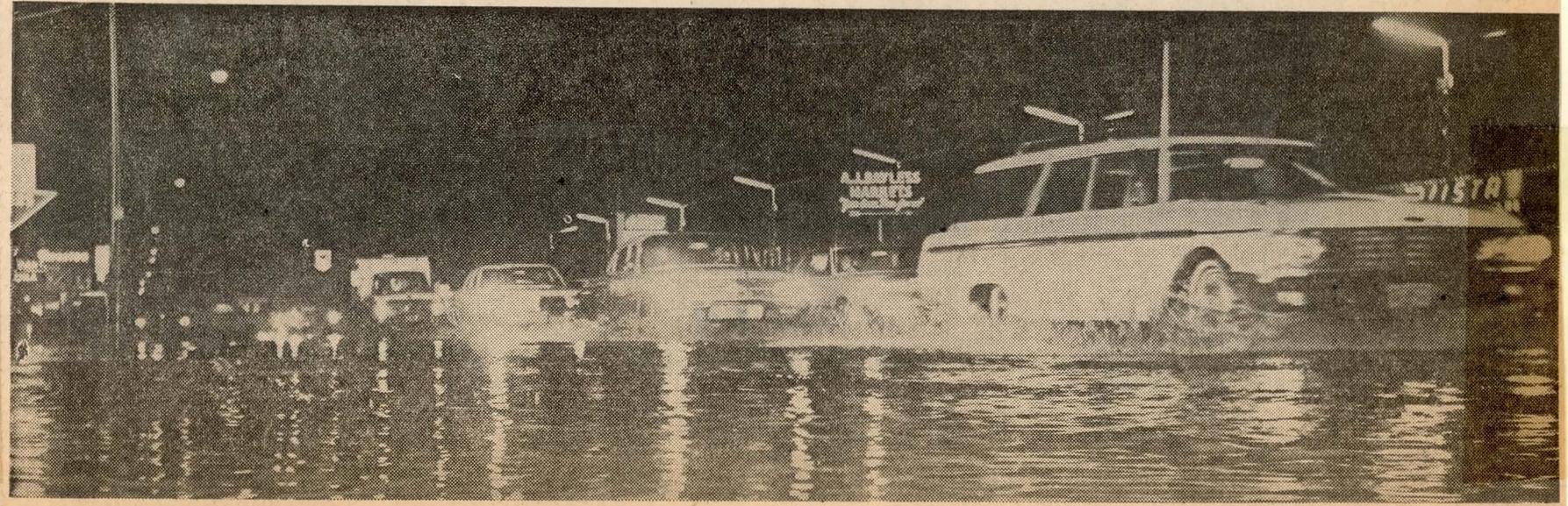
City officials said they are preparing for a maximum situation. At 48th Street, they said, the SRP Jointhead Canal is discharging water, and it may be necessary to sandbag the river on the north bank to prevent water from reaching the police compound at 3001 E. Watkins Road.

Aug. Rep. 12/30/67



Huddled Shoppers Search Traffic For Late B

Republic



Evening Traffic Streams Down McDowell Road at 32nd St., Headlights Reflected In The Flooded Street

Republic Photo by Yul Conaway

Aug. Rep. 12/30/67



63

Ariz. Rep. 12/20/67

Janitors Squeegee Water Off Classroom Complex Corridor Floors At Cortez High School, 31st Avenue And Dunlap
They Worked Late Cleaning Up Muddy Water 2 To 3 Inches Deep That Spilled Into Classrooms, The Administration Complex And Cafetorium

Republic Photo by Nyle Leatham

Phoenix Weather

Mostly fair; frost and fog this morning. Today's high 50, low 30. Yesterday's temperatures: high 50, low 36. Humidity: high 92, low 52. Details, Page 15.

78th Year, No. 219

TELEPHONE: 271-8000

THE ARIZONA REPUBLIC

Phoenix, Arizona, Thursday, December 21, 1967

☒

Today's Chuckle

Pinned on an office bulletin board:
"Double your pleasure, double your fun: Xerox your paycheck."

e Ten Cents

Thousands Isolated

STORM MISERY CONTINUES

Clearing Weather Offers Hope of Aid

By CHARLOTTE BUCHEN

Arizona's eight-day storm, isolating thousands of persons in northern snows and southern floods, continued yesterday to play havoc with the state's roads and with rescue workers fighting to assist those in need.

They may get some aid today in the form of clearing skies, the U.S. Weather Bureau in Phoenix reported last night. But temperatures are expected to remain cold.

Flagstaff, struggling under the weight of 7 feet of snow, fought against collapsing roofs, bursting water pipes and diminishing supplies of home fuel. Continuing snowfall and winds made snow-clearing efforts almost futile.

ON THE Navajo Indian Reservation to the northeast, thousands of Indians were isolated and marooned and the police superintendent, Al Adams, said

More Weather Stories,
Pictures, Pages 12, 17, 18

the situation was critical. He said food is short for the people and sheep are dying for lack of feed.

The storm earlier was blamed for three deaths on the reservation. Six other persons have died in storm-related incidents.

At the southern end of the state, flooding from heavy rains caused hundreds of residents of small communities to

Thousands Isolated

MISERY CONTINUES

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**More Weather Stories,
Pictures, Pages 12, 17, 18**

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The storm earlier was blamed for three deaths on the reservation. Six other persons have died in storm-related incidents.

At the southern end of the state, flooding from heavy rains caused hundreds of residents of small communities to flee from their homes near the overflowing Gila and Santa Cruz rivers. Water poured across lowlands.

Gov. Williams reacted late yesterday by calling a meeting today of the state disaster committee to discuss financial aid to stricken counties.

SOME 400 persons reportedly were removed from their homes on the Gila River Indian Reservation in Pinal County and from 154 homes on the Papago Indian Reservation in Pinal and Pima counties because heavy rain and floodwaters threatened to collapse their adobe homes.

At Amado, 40 miles south of Tucson, on the banks of the Santa Cruz River, 32 persons were lifted from rooftops by helicopter as their homes sat in a flood water lake some 3 miles long and a half-mile wide. The nearby towns of Carmen and Tubac also were engulfed by the floods of the normally dry river.

(Continued on Page 12, Col. 1)

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Republic Photo by Harrison Brown

Water Rushes Down Ditch Near 10th Street And Hatcher

65



Republic Photo

Workmen Clean Up Water-Soaked Classrooms
Fifty Rooms At Orangewood Elementary School Flooded By Persistent Rain



66

Republic Photo

Floodwaters Of The Agua Fria River Spill Across Indian School
All Major Roads Except U.S. 80 And U.S. 60-70-89 Were Closed At The River

More About

Towns Flooded, Roads Are Closed

(Continued from Page 1)

Although they stood on the roofs, some of the flood victims said the cold swirling water was up to their waists before the Davis - Monthan AFB helicopters reached them.

THE FLOOD, fed by overnight rains and melting snow from the mountains, surged down the Santa Cruz, cut the Nogales highway, U.S. 89, took out a Southern Pacific railroad trestle and two foot bridges. Between Green Valley and Sahuarita, 16 miles north of Amado, the river again jumped its banks, cut across farmlands, isolated the Sahuarita Post Office and widened into another big lake.

The river was expected to reach its crest about 9 p.m. last night. As a precautionary measure, farm families were ordered out of the Greene Reservoir area, 14 miles south of Eloy, in the event the flood channel built last summer failed to pass its first test.

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More About

Towns Flooded, Roads Are Closed

(Continued from Page 1)

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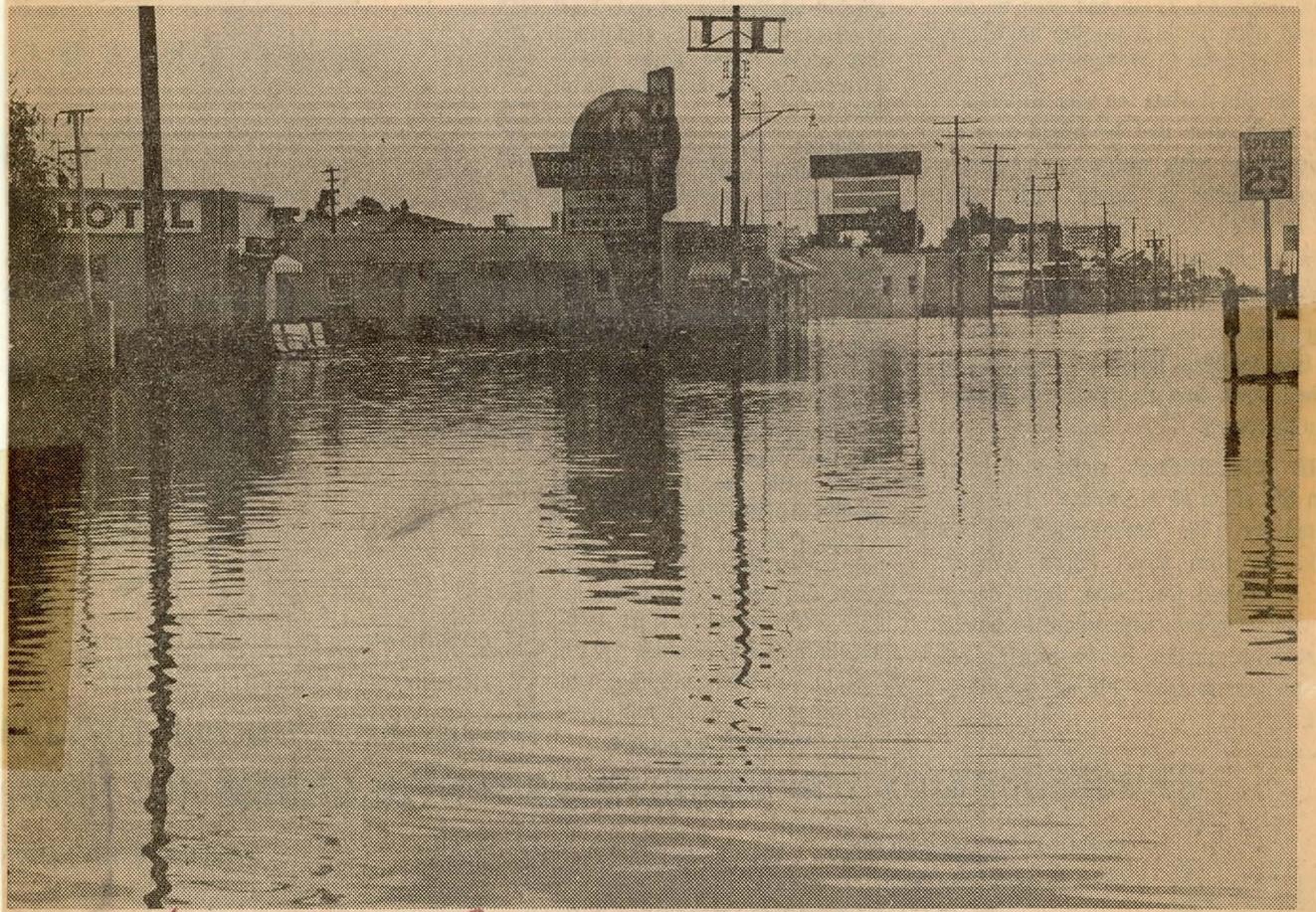


Aug. Rep. 12/31/67

**Residents Wade Out Of Apartments At 17th Avenue And Tuckey
Occupants Complain Of Lack Of Help From City Officials**

Republic Photo by Ludwig Keaton

66



12/24/67

Ariz. Rep.

Republic Photo by Thelma Heatwole

Flooded Area Of Grand Avenue In Glendale Looks Strange Without Cars

67



12/21/67 Ariz. Rep.
Boaters Rescue Bulldozer Operator After His Machine Slid Into Salt River North Of Mesa

Republic Photo by Nyl

68

Phoenix Weather

Partly cloudy and cooler. Today's high near 65. Yesterday's temperatures: high 66, low 54. Humidity: highest 93, lowest 50. Details, Page 3.

THE ARIZONA REPUBLIC

Today's Chuckle

Glamour girl showing snapshot of her fiancé to a friend: "He's just a big, clumsy, good-natured country boy. That thing behind the barn is an oil well."

76th Year, No. 228

TELEPHONE: 271-8000

Phoenix, Arizona, Friday, December 31, 1965

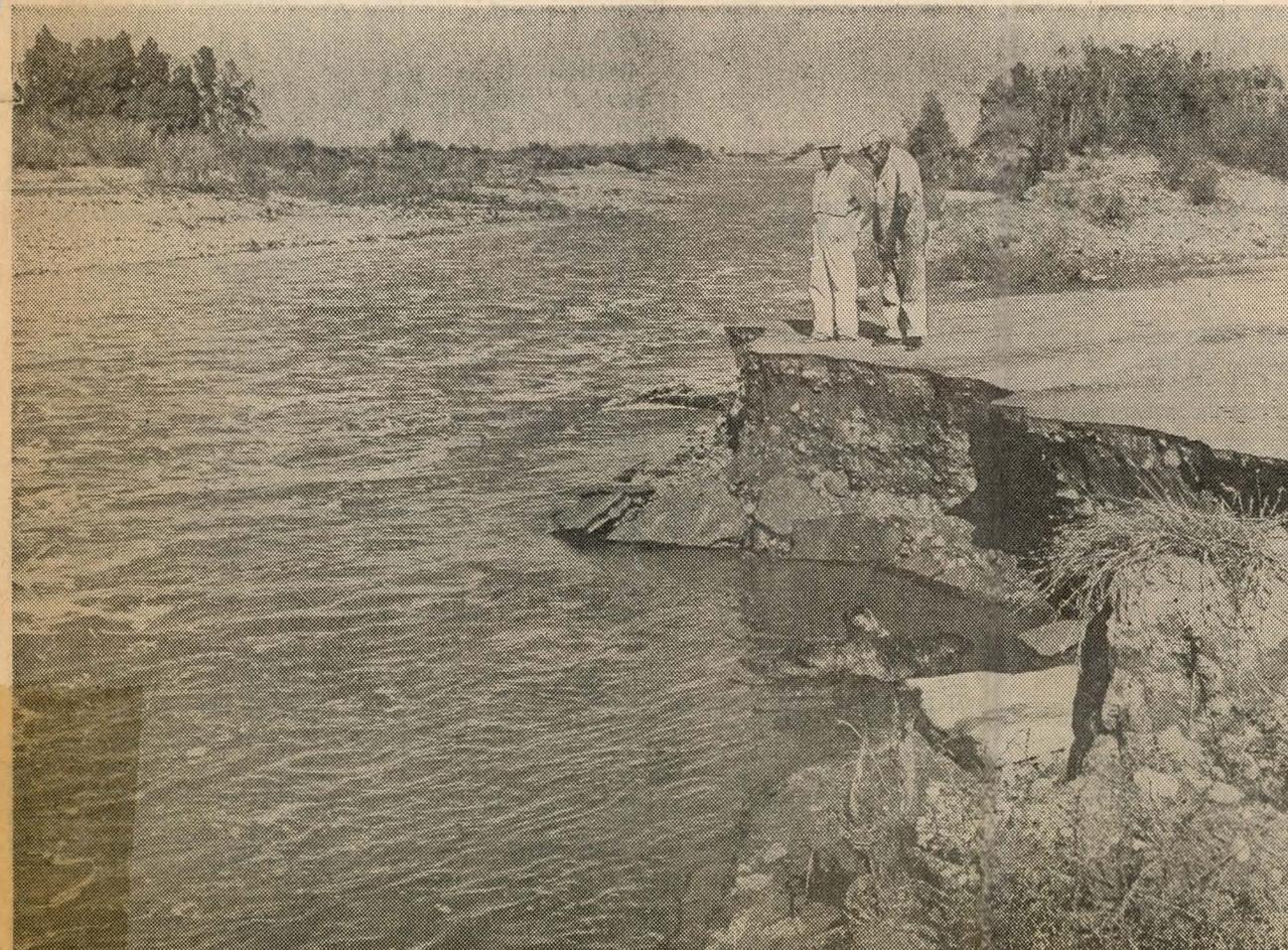
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Ten Cents

Dams Spill Over, Salt River Rising

VALLEY FLOOD THREAT



69

Water Headed For Airport

By EARL ZARBIN

COUNTY CIVIL Defense authorities early today were warning residents of low-lying districts along the Salt River to be ready to evacuate their homes.

The number of families involved, however, was not determined at press time today.

CD swung into action late last night after the Salt River Project released 70,000 cubic feet of water per second from the reservoirs on the Salt and Verde rivers.

"A 10-foot wall of water" was reported on its way downriver shortly after midnight.

An SRP spokesman said the water should reach the vicinity of the Tempe Bridge about 8 a.m.

"This high rate of water release is expected to continue through Friday," the spokesman added.

Impact of Water Unknown

Col. John Lowry, general manager and chief engineer of the Maricopa County Flood Control District, and Col. William G. Eldridge, Phoenix-Maricopa County Civil Defense chief, said it is impossible to know the exact impact of the water until it reaches the Valley.

They met last night at Civil Defense headquarters in an attempt to anticipate where the river would overflow its banks, and Eldridge said arrangements have been made to house families in Valley hotels and motels if it becomes necessary.

"Families have been alerted to the possibility of leaving homes," Eldridge added.

RUNAWAY WATER—Spectators watch water in New River west of Peoria carve deeper into its

banks after heavy runoff yesterday from mountains north of the Valley.

Republic Photo by Thelma Heatwole

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Lowry said, "It's kind of hard to tell where the water will go because there are so many obstructions in the river. The obstructions retard the flow of floodwaters, and it's difficult to determine in advance where the water is going to go."

Sewage Beds Endangered

He said he believed the sludge beds used by the Scottsdale sewage treatment plant about 3 miles north of Tempe would be washed out if the amount of water said to be coming down the river arrives.

And there seemed to be little doubt of that.

The SRP, which yesterday began spilling water from Roosevelt Lake for the first time since 1941, said water was flowing into the lake from the Salt River at 170,000 cubic feet per second, and rising.

At 10 o'clock last night, the SRP reported, 40,000 cfs was running from Stewart Mountain Dam on the Salt River to Granite Reef Diversion Dam where it joined 30,000 cfs coming down the Verde River from Bartlett Dam.

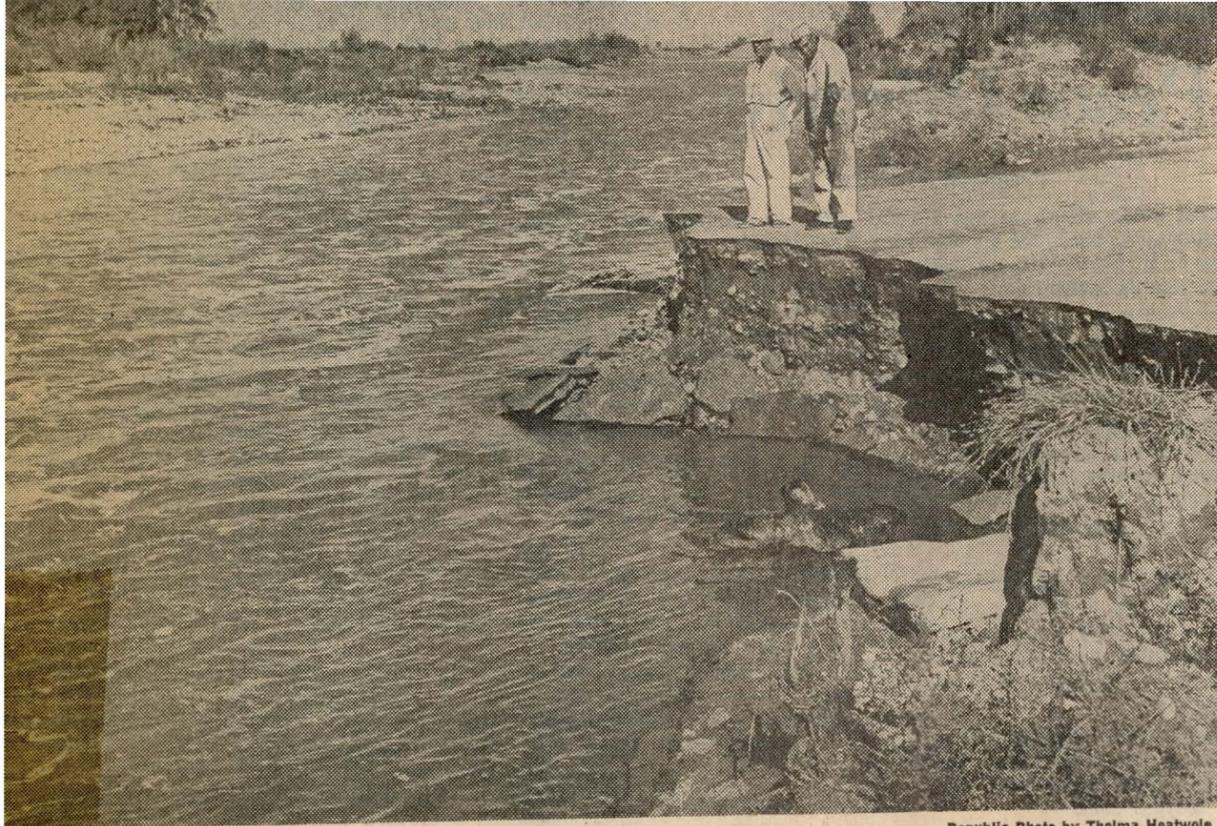
"This will mean that a total of 70,000 cfs will be going over Granite Reef Dam shortly after midnight," the SRP spokesman said. The water is expected to reach Sky Harbor Airport about 10 a.m.

The heavy runoff on the SRP watershed was caused by rains Wednesday night and early yesterday which covered practically all of northeastern Arizona and reached into New Mexico.

The downpours along the Arizona-New Mexico border caused high runoff into the San Francisco River at Clifton and the Gila River in southeastern Arizona, and led the U.S. Weather Bureau in Phoenix to issue flood warnings in the upper Gila River east of Coolidge Dam and the San Carlos Reservoir.

The Weather Bureau said the flooding is not expected to be as severe as last week's in Graham and Greenlee counties.

(Continued on Page 5, Col. 5)



Republic Photo by Thelma Heatwole

RUNAWAY WATER—Spectators watch water in New River west of Peoria carve deeper into its

banks after heavy runoff yesterday from mountains north of the Valley.

Papers Ask Supreme Court to Halt Contempt Citation

PHOENIX Newspapers Inc. asked the Arizona Supreme Court yesterday to block lower court proceedings on a contempt citation arising from news reports of the Donald Chambers murder case.

A writ of prohibition, charging infringement on constitutionally guaranteed freedom of the press, was filed late in the afternoon. It named Maricopa County Superior Court Judge E. R. Thurman.

CHIEF JUSTICE Lorna E. Lockwood set a hearing on the newspaper's complaint for 10 a.m. Tuesday. That is 24 hours before Judge Thurman is scheduled to proceed with the contempt hearing in his court.

The contempt action was filed Dec. 22 by Shepard M. Weinstein, legal counsel for the 25-year-old Chambers. He contended The Arizona Republic and The Phoenix Gazette violated Judge Thurman's order against reporting what happened during a hearing on a habeas corpus motion filed for his client.

Chambers, who later pleaded guilty and received a life sentence, was charged with the

murder of Charles E. Hill, 56, owner of Hill's Western Auto Store at 5209 S. Central, during a robbery Aug. 2.

A preliminary hearing on the charge was held in secret when Weinstein asked Justice Court to invoke Rule 27 of Arizona Criminal Proceedings, banning press and public.

WHILE JUDGE Thurman was impaneling the jury for the subsequent trial, Weinstein filed a habeas corpus motion seeking to free Chambers. It contended the evidence was insufficient to hold him for trial.

The judge denied the petition but ordered the press not to report why he had done so or any other details of the open court proceedings on penalty of being cited for contempt.

"All you can print is that habeas corpus was denied," he told a reporter for The Republic.

THURMAN SAID he acted to assure Chambers a fair trial before a jury which was scheduled to be selected later in the day.

(After hearing two days of evidence Chambers pleaded guilty and the jury was dismissed.)

"The record will show if anything is presented in the press or you talk about it outside, I will find that individual or individuals of the press in contempt of this court, and I am not kidding," Judge Thurman ordered. "Maybe the Supreme Court

will reverse me, but I doubt it."

Attorneys for the newspapers contended Judge Thurman's order amounted to censorship of the press and violated the newspapers' right to publish matters of public interest occurring in open court.

THE ACTION was contrary to the First Amendment to the U.S. Constitution and the Second Article of the Arizona Constitution, both of which guarantee freedom of the press, the attorneys contended.

It also violated the right of every citizen to know what goes on in an open court, a right which may not be limited or interfered with by any court of the state, the petition added.

The writ was filed by Attorneys Mark Wilmer and James Henderson in behalf of the corporation, its publisher, Eugene C. Pulliam, a reporter and three top executives.

Flood Laps Snowflake

By BILL NIXON
Northern Arizona Bureau

SNOWFLAKE—Normally dry Cottonwood Wash became a raging river here yesterday morning, overflowing its banks, and causing temporary evacuation of a dozen families.

The Cottonwood, fed by three other streams off the snow-packed Mogollon Rim, reached its crest here about 10 a.m.

The torrent clogged five drainage pipes and ripped out a 150-foot section of highway on Arizona 277 between Snowflake and Heber. Snowflake, in central Navajo County, is near the junction of 277 and Arizona 77, 30 miles south of Holbrook.

WITH PIPES under the highway jammed by tree limbs and other debris, water backed up into a Snowflake residential area and lapped the front steps of seven homes. The residents immediately began moving out their larger household appliances.

In a lower area, closer to the main flow of Cottonwood Wash, the water was waist-deep in sev-

(Continued on Page 5, Col. 1)

New Storm Threatens Flooding in Valley

By BEN AVERY

Watersheds of the Salt and Verde rivers are saturated; mountains above 6,000 feet are covered with wet snow; reservoirs on the Salt and Verde rivers are brimful.

And a new storm is hovering over the Pacific Coast, sending moisture ahead of it into Arizona.

LAST WEEK'S floodwaters, which poured over Granite Reef Dam at the rate of 28,000 cubic feet per second for four peak hours Monday, came almost entirely from desert washes, primarily Sycamore Creek, with some water released at Stewart Mountain Dam.

The outlook as the new storm gathers is for another major flood down the Salt River and into the Phoenix area. It could come in a day, a week, or not until April. But long-time observers believe only one of Arizona's weather miracles can avert it.

Weather prophets admittedly are worried. So are Salt River Project officials, who are meeting daily to assess the situation. But they point out they can't do anything.

EVEN WITHOUT additional rain or snow, water had been expected to flow over the dams on the Verde River system within a week of warm weather. But a slight rain yesterday and the forecast of more makes it likely that Bartlett Dam gates will be opened during the weekend. Water released will flow into the Salt and on down through Phoenix.

The Salt River system still can hold 150,000 acre-feet of water. Salt River Project officials say this is the first time they have faced the period of nor-

mally highest runoff with all reservoirs practically full. The nearest this has been approached before was in 1952—a year in which the dams almost filled under similar conditions, but did not spill.

ACTUAL SNOW pack on the watershed will not be known until after the first cooperative survey scheduled Saturday. But the U.S. Weather Bureau gave these figures on depth of snow at lower elevations yesterday: Flagstaff, 10 inches; Grand Canyon, 3 inches; McNary, about 12 inches; Maverick, 25.

The new storm was dropping temperatures and virtually halting snow melt, and additional snow was predicted above 6,500 feet to add more moisture to this backlog. Below the snow line, rain was predicted, but the weatherman admitted it is impossible to determine how much would fall in any one area.

"With this storm on the coast we are vulnerable to considerable moisture," the U.S. Weather Bureau in Phoenix said even though it was predicting only light rain generally over the lower elevations.

SOME BIG floods have gone down Salt River in the past.

Flood years were in 1884, 1891, 1905, 1916, 1920, 1938, and 1941.

No reliable estimate is available for size of the 1884 flood, but it took out all of the diversion dams and caused flooding in Phoenix.

The 1891 flood peaked in February at an estimated 300,000 cubic feet per second. Water came up to Jefferson in Phoenix. But there were no dams on the rivers to hold back any of the water.

They were just building Roosevelt Dam in 1905

when the river ran at 115,000 cubic feet per second. That peak came in April.

ROOSEVELT was full during January in 1916 when the peak flow at Granite Reef hit 120,000 cubic feet, but most of that water came down the Verde River, and the same was true 10 days later when this flow peaked again at 105,000 cfs.

Roosevelt spilled in 1918, and in 1920 another flood came down mostly from the Verde to peak at 130,000 cfs. at Granite Reef in February.

The next big flow, all down the Verde River, peaked at 95,000 cfs in March 1938. During that flood, water went around the south end of Central Avenue bridge.

The last major flood was in 1941, again out of the Verde River, but it was small, peaking at Granite Reef at 32,102 second-feet March 15. Bartlett Dam was completed to hold back floodwaters in 1941, and since that time Horseshoe Dam has been finished and both reservoirs spilled last year for the first time.

TOTAL RUNOFF in 1940 exceeded 3 million acre-feet with about 1 million flowing past Phoenix. Salt River peaked March 11 at 117,000 cfs. above Roosevelt Lake.

And the dams were near empty again in 1951 when the system almost filled.

This year the reservoir system was more than 70 per cent filled when the first storm came in the fall. And for the first time the system will go into the new year all set to spill with the entire normal high water yield—January, February and March—still ahead.

This is the period of normally greatest precipitation.

Rare Photos On Display

If the current rainstorms cause Roosevelt Dam to spill over it will add new luster to a Roosevelt Dam historical display now on exhibit in the Valley.

Mrs. George V. Smith, whose late husband Frank Huffer was in charge of the commissary during the building of Roosevelt Dam, has loaned her collection of rare photographs to a display now open in the Arizona History Room of the First National Bank of Arizona.

THE PHOTOGRAPHS include scenes of the following:

—The old town of Roosevelt which was covered with water when the dam filled.

—The stonemasons who came from Italy to hand-cut blocks of granite for the dam.

—Louis C. Hill, supervisor and project engineer on the dam.

—The crew who lived and worked in near - isolation for over eight years building Roosevelt Dam.

A. Hig. Republic 12-30-65

● STORM NOT OVER

Concluded From Page One
ert Ingram, of the U.S. Weather Bureau, said.

Other possible danger areas:

- **Runoff** on the San Simon River in the Safford area.

- **RUNOFF OF** Sun Pedro River into Gila River near Winkelman. (This will put flowing water into the Gila from Winkelman to Laveen for the next 24 to 48 hours.

Misery and tragedy already brought by the storm are spelled out in part by nine deaths, by those hospitalized with illnesses or injuries and by the numerous homes and businesses damaged or destroyed.

SUFFERING and hardship are found in the disruption of communication and transportation facilities, isolation of homes, ranches and even towns, and the shortage of food and fuel.

But the storm has brought benefits, most of which will not be realized for months. Snows now entrenched on the state's higher elevations will add thousands of acre-feet of water to the reservoirs.

Already assured of a place in Arizona weather history, the storm has held a firm grip on the state for eight days.

AND PARTS of it may still be here at 6:17 a.m. Friday, when winter officially arrives.

Late this morning snow was falling at Show Low in the northern part of the state and at Ft. Huachuca and Douglas along the Arizona-Mexico border.

Airports were closed at Prescott, Flagstaff and Show Low. At the latter two places, snow depth on the runways was more than 72 inches.

FLAGSTAFF'S snow adds up to a whopping 83 inches—the most ever to fall in that city in so short a time. The previous record, 68 inches, was set in January 1949.

Other snow depths late this morning included (in inches):

Hawley Lake 85, Alpine Ranger Station 58, Williams 56, Payson 38, Prescott (city) 30, McNary 40, and Show Low 41.

PHOENIX weather records are also being broken. For instance:

- Precipitation since Jan. 1 has reached 8.34 inches. That's 1.50 above normal for the period and 1.14 above the average for the entire year.

- This month, with precipitation up to 3.98 inches, already is rated the wettest December in more than 62 years of weather record-keeping.

- Of the 744 months since the beginning of 1905, only seven have had more precipitation than has been recorded in the past eight days.

- At one time yesterday at Sky Harbor, .38 inch fell within 30 minutes, and .51 within an hour. Both are new December intensity records.

THE WEATHERMAN said colder air pushed eastward across the state during the night and checked the melting snow. The melting, along with moderate to heavy rains, had caused flooding of many areas that drain the Bradshaws, the

Mogollon Rim and the White Mountains.

Temperatures at Sky Harbor climbed to 61 degrees—the highest in more than a week—yesterday, then dropped rapidly when a wind, with gusts up to 47 miles an hour, moved across the Valley.

The low this morning was 36.

TEMPERATURES tomorrow are expected to range from between 35 and 40 in the morning to the mid-50s in the afternoon.

Arizona Public Service Co. reported a major power outage in the Pine-Payson area since 6:30 p.m. yesterday. Men were flown by helicopter from Phoenix early this morning to attempt to find the trouble in the 69,000-volt line.

A spokesman said the company hoped to have power restored later today.

The Globe - Miami area caught 2.33 inches of precipitation during the night, resulting in overflowing of Pinal Creek at some points, the collapse of parts of two houses and the closing of schools.

The highway between Globe and Miami was closed for eight hours, until 8 a.m. today, when a boulder the size of a bus crashed onto the road near Queen Creek Tunnel.

A mud slide collapsed the concrete wall of the Miami home of Mrs. Elias Lazarin Sr. last night. Mrs. Lazarin and three relatives were in the house but escaped injury.

In Globe, the retaining wall and front porch of the home of Jesus Falquez was washed away.

Globe schools were closed today but administrators hope to hold classes tomorrow and Friday. Miami has closed its schools until after the holidays.

Precipitation in Superior totaled 1.82 during the 24 hours up to this morning and brought the month's total to 9.94.

Arizona Highway Department officials reported spending \$200,000 for equipment rental and maintenance during the first eight days of the storm.

THE LATEST available information on streets and highways included:

Salt River crossings open in Phoenix are at 51st and Central Avenues and 16th Street. (The bridge at Tempe is open and the 40th Street crossing was expected to be reopened later today.)

County roads closed include: All crossings of New River and Agua Fria River, Peoria Avenue at 43rd Avenue, at Cave Creek wash and at 75th Avenue, Lake Pleasant Road from Sun City to Lake Carl Pleasant, all roads into Harquahala Valley, Greenfield Road between U.S. 60-70 and Baseline, Hayden and Scottsdale roads at Salt River, Bell Road at Cave Creek and Scottsdale Roads, Shea Boulevard east of Scottsdale Road, Powers Road south of Baseline, Stanford Drive from 32nd to 36th Streets, Maricopa Road (56th Street) at Gila River.

U.S. HIGHWAY 80 was open from Phoenix to Yuma for pickups and large trucks.

24-HOUR ARIZONA RAINFALL

Precipitation totals at various Arizona stations during the past 24 hours:

Station	Precip. In Inches
Alhambra	1.55
Arizona Canal and 48th Street	1.07
Casa Grande	.71
Cave Creek Dam	2.18
Chandler	.64
Downtown Post Office	1.12
57th Ave.—Maryland	1.95
Florence	.62
Laveen	1.22
Luke AFB	1.56
Mesa Exp. Farm	.65
Paradise Valley	1.33
Picacho	.56
Scottsdale	1.17
Sonoita	.45
Sunnyslope	1.64
Williams AFB	.49

VALLEY WATERSHED STATIONS:

Bartlett Dam	1.64
Childs	2.32
Horseshoe Dam	2.56
Mormon Flat Dam	.78
Roosevelt Dam	.68
Stewart Mt. Dam	.89
Horse Mesa Dam	1.25

PHOENIX Flooding Reported In Phoenix

By KENNETH ARLINE
Gazette Staff Writer

The big storm still isn't over—not by a long shot—the weatherman warned today.

Flooding in some areas and even more rain and snow in other places can be expected.

Heavy rains are causing some flooding in many areas in metropolitan Phoenix. Homes and business buildings in low areas and along normally dry washes are surrounded by water in northern sections.

Flooding was occurring near Amado on the Santa Cruz River in Southern Arizona and this runoff was expected to reach Tucson by midafternoon

More Pictures And Storm News, Pages A-2, A-18, Second Front Page

and the lower Santa Cruz Valley (south of Casa Grande-Eloy) by evening.

"HIGH WATER in Pantano Wash will combine with the Santa Cruz flow north of Tucson and all those in the Santa Cruz Valley from Tucson to Casa Grande are being warned of the rising water in the normally dry river bed," Rob-

Turn to ●STORM, Page A-4

Ph.D. Gazette 12-20-67

Big Storm Produces Gripes, Humor, Federal Aid Issue

Was Storm Warning Needless? Justified?

By THURMAN JOHNS
Gazette Staff Writer

Northwest residents today had mixed emotions about flood warnings issued last night.

Some feel that the city cried "wolf" while other said they thought the warnings were justified.

AT 10 O'CLOCK LAST night the water was over a foot deep on 19th Avenue and Dunlap, and less than a mile north on Hatcher just east of 19th Avenue the water from Cave Creek Wash had backed up against the Arizona Canal.

"We got a little water but not as much as we expected," one resident explained. In the past this has always been a trouble area during heavy rains.

At one time near 24th Avenue and Cactus a 100-yard path of water was running about four-feet deep.

MRS. CHARLES DOUGLAS, living at 23rd Avenue and Cholla, said that the street was running "like a canal" and had gone over the curb into her yard. She is north of the Arizona Canal.

Mrs. John R. Cavalier of 8602 N. 26th Avenue said her family put furniture up on beds after receiving the warning and that they stayed up until 1 a.m.

"No water ever came," she said simply.

THE SAME WAS true of W. Joe Sidler of 3535 W. Olive.

"They interrupted our TV program and told us to evacuate, but they didn't tell us where to go or what to do. I think they just caused a lot of needless panic."

He added that water was running deep down 35th Avenue but none got into his home.

Between 29th Avenue and 31st Avenue on Northern it was a different story.

MOST OF THESE houses on the north side of Northern had two to six inches of water in their homes.

Mrs. Ada Pope of 3010 W. Northern said she kept much of the water out of her house by piling dirt in front of the door.

Most of these homes had several inches of silt in their yards.



Gazette Staff Photo by Dennis Farrell

Vehicles were backed up for nearly two miles on Thomas Road today as motorists waited at Indian Bend Wash.



Mrs. Ada Pope of 3010 W. Northern, and neighbor, Bobby Boyd, clear mud and silt from the walk in front of her home while her daughter, Ann, works cleaning mud from doorway. The Pope family kept much of the water out of home by piling dirt in front of door. A few inches still managed to seep in. Silt from nearby fields and Cave Creek Wash was ankle deep in the street.

Gazette Staff Photo

BACK TO NORMAL *Phil King*

Cave Creek Does Jekyll, Hyde Routine

12-21-57

Cave Creek is usually nothing more than a dry wash.

great for the canal to carry off.

Early this week, however, it became a raging torrent and for a time threatened to flood homes over a wide area in north and northwest Phoenix.

The Arizona Canal serves as the only drainage channel for Cave Creek, carrying the water into New River by way of Skunk Creek. Without the canal, all waters from the creek would empty into the northern part of the city, causing more flooding than has been experienced.

And today the waters slowed to a trickle, reverting back to its normal state.

The creek drains a considerable desert area north and northeast of Phoenix. Approaching Phoenix, it runs from Greenway Road, south to the Arizona Canal at a point of Dunlap Avenue, and between 19th Avenue and the Black Canyon Highway.

HEAVY RAINS filled the creek to capacity Tuesday night, halting traffic at crossings on Peoria, Cactus, Thunderbird and Bell roads.

The flooded creek hit the canal, spilled over its concrete covered banks and spread out over farm and residential areas, roughly from 19th Avenue to 35th Avenue, running as much as a foot deep on north-south streets. The flood extended in some areas as far east as 15th and 17th Avenues and south of Glendale Avenue.

TODAY, CAVE Creek was running about two feet deep, was well within its banks, and the water was gradually receding.

Salt River Project officials said the south bank of the Arizona Canal is concreted to form a natural spillway at the juncture of the canal and Cave Creek. This prevents the bank from washing out when the volume of water flowing down the creek is too

Strong For Water Management Down Around Buckeye

FLAT LEVELING, otherwise basin-type irrigation, gets another strong endorsement in the annual report of the Buckeye-Roosevelt Soil Conservation District, printed as a part of the Buckeye Valley News.

As usual, that district's report bears down heavily on water management and six suggestions are given for improvement. First of these is leveling to a flat, or at least uniform, grade. Another is shorter water runs "so the lower end of the field will have water on it about as long as the top end." And last: "Irrigate for the soil and plant and not for the calendar and convenience."

Buckeye-Roosevelt SCD signed up 15 new co-operators in fiscal 1967, bringing its total served to 193. They lined 182,450 feet of ditch and installed 7,322 feet of pipeline, also leveled 2,428 acres of land and applied other water-conservation practices. Dikes and levees, mostly in the Arlington area, came to 1,334 feet.

Three flood control projects are under consideration for Buckeye Valley, Harquahala Valley and the Eagle-tail area. It's rather pointedly charged that some of the people to be benefited are not as active as they might be. Of the Buckeye Watershed Project it's stated:

"Federal funds are available and this project could be constructed if the local people stimulate the interest."

—AFR—



This farm home is on West Indian School Road. There is a field between the house and the Agua Fria, just below the confluence of the Agua Fria and New River.

\$280,000 Emergency Program

*Farmer Beachman
Feb. 3, 1968*

By ERNIE DOUGLAS

(SCS Photos By Jim Ferrin)

Flood Havoc On New River

**Farms Inundated, Leaving 1,500 Acres In Need Of Releveling,
Miles Of Ditch To Be Replaced, Channel To Be Cleared**



Only the tops of Art Bodine's citrus trees were visible on the morning of Dec. 20, and for quite a few hours thereafter. Removing sand and debris deposited in the grove by the high water has been a costly job.



All that's left of one of Jack Rayner's ditches. Removal of the broken concrete will add materially to the cost of replacement. Miles of other ditch looked little different from this scene.

73

Please Return to [Signature]

A RECORD flood poured down New River the night of Dec. 19, inflicting farm and other damage that must have amounted to well over half a million dollars in actual loss, to say nothing of disruption and inconvenience to the victims.

Application is being made for \$224,000 in federal disaster aid to cover 80% of an emergency repair program. Farmers will have to raise the rest of the \$280,000 total.

Sponsors are the Agua Fria and New River Soil Conservation Districts. Details of the formal application were settled on Jan. 15 by the Maricopa County ACP Committee and was expected to be ready for the State Disaster Board within a few days.

Once the Disaster Board has approved, which it can scarcely refuse to do, action at Washington should follow in short order. The proposed channel clearing, land releveling and ditch replacement will then take several months.

The ACP Board members—Chair-

man Norbert Abel, Talmadge Barney and Ralph Baskett—heard a gloomy report from Jim Ferrin, conservationist in command of the Phoenix work unit of the Soil Conservation Service. Ferrin and his aides were on the scenes of devastation along New River, early on the morning of Dec. 20.

At that time many acres of farmland, and even a citrus grove or two, were deep under water, piles of debris, many a gully, and much topsoil washed away.

Worse Could Come

And the bed of New River was so choked with trash, so altered by new sandbars, that another flood would prove even more disastrous.

The emergency program readied for the Disaster Committee includes 50,000 feet of channel clearing at an estimated cost of \$1.50 a foot. Those debris accumulations were to be removed, sand moved where it would divert the current and gouge another hole in the ill-defined bank.

The New River application for \$224,000 in federal aid toward an emergency repair program to cost \$280,000 was given prompt approval by the State Disaster Committee. It now awaits action at Washington.

Ferrin placed the amount of cropland that must be relevelled at 1,500 acres. Probable cost, \$50 an acre.

To replace 55,000 feet of concrete ditch would cost \$1 a foot, after 50

Storm Moves Out, Sunshine Returns

Arizonans got what they wanted today—a lot of sunshine.

But temperatures could do some fancy dipping in the morning, the weatherman warned. He said most overnight lows in the Valley will be 38 to 43 but the mercury could drop to "slightly above 32 in the colder agricultural areas."

Afternoon highs should be between 70 and 75.

The latest storm has all but moved out of the state. Fair weather is expected to reign in every area tonight and tomorrow.

SNOW measuring 39 inches at Hawley Lake and 15 inches at McNary figured in the

spectacular phase of the storm.

The rain-measuring bucket at Sky Harbor in Phoenix collected .98 of an inch of moisture during three days to bring the total since Jan. 1 to 2.43. That's .61 above normal.

Since last Dec. 1, Sky Harbor has measured 6.41 inches of moisture.

HOWEVER, the airport wasn't the target for the heaviest rain recently in and around the Valley.

Reports from volunteer observers include these storm totals:

Alhambra	2.25
Cave Creek Dam	1.23

Turn to ●FAIR, Page 3

MONDAY, MARCH 11, 1968

● FAIR

Concluded From Page One

Chandler	1.72
Deer Valley	1.32
Indian School	1.00
Laveen	1.32
Mesa Exp. Farm	1.38
Phoenix P.O.	1.26
Tolleson	1.41
Paradise Valley	1.07
Scottsdale	1.12

Carefree has had 1.55 since last Wednesday, Gila Bend over 1.36, and Youngtown measured 1.23.

Other unofficial moisture totals, in addition to 2.85 at Hawley Lake and 2.24 at McNary since last Wednesday, include:

Bisbee 1.45, Coolidge 1.29, Douglas, Payson and Tucson 1.05, Flagstaff .95, Ft. Huachuca .68, Grand Canyon .50, Prescott .27, Williams .74, and Winslow .50.

The Arizona Highway Department reported 9 inches of snow on the ground at St. Johns, where the moisture total for the weekend was 1.13. Other moisture reports from the same source:

Superior 2.15, Casa Grande 1.27, Florence 1.37, Florence Junction 1.98.

HAIL FELL in some parts of Phoenix, including the Maryvale Golf Course, yesterday afternoon.

Hawley Lake's snow depth was increased to 39 inches by 29 inches of new snow. Other depths included 15 inches, much of it new, at McNary, and 4 inches at Show Low.

Temperatures over the state this morning included: Hawley Lake 10, McNary 19, Show Low 21, Prescott 26, Payson 31, and Wickenburg 33.

SALT RIVER Project lakes have gained 29,620 acre-feet of water since early Friday.

The runoff from the watershed reduced the amount of available space to less than 108,000 acre-feet. Of that about 78,000 is available in the four reservoirs on the Salt River, and about 30,000 is available in the two Verde River lakes.

Rainfall totals at project reservoirs during the past three days were:

Roosevelt 1.97, Apache 1.88, Canyon 1.77, Stewart Mountain 1.63, Horseshoe 1.06, and Bartlett 1.59. Granite Reef had 1.09.

Water storage in acre-feet, with available space (in parentheses) this morning at each reservoir:

Theodore Roosevelt, 1,312,237 (69,253), Apache 240,014 (5,124), Canyon 56,668 (1,184), and Saguaro 67,512 (2,252), all on the Salt, and Horseshoe 129,557 (9,681), and Bartlett 158,370 (20,107) on the Verde.

PROJECT officials were to meet this afternoon to re-evaluate the situation and possibly determine when more water should be released into the channel below Granite Reef Dam.

A spokesman for Maricopa County Municipal Water Conservation District No. 1 said storage in Lake Pleasant was within 30 to 35 acre-feet of the capacity — 157,590 acre-feet.

However, officials do not plan to release any large amount of water into the Agua Fria River channel below Waddell Dam. The spokesman said the inflow into the lake and the release into the district's canal is about the same — 100 cubic feet of water a second.

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This used to be a farm field adjacent to New River, and is beyond reclamation. Releveling is planned for 1,500 acres but wouldn't do this land any good, for the soil is gone.

New River Flood

(Continued From Page 17)

cents a foot had been spent for berm restoration.

After figuring and whittling, the ACP committee and its secretary, Jerry Baldwin, arrived at an over-all-figure of \$280,000. Since the law limits maximum participation in such a program to 80%, the application is for \$224,000.

Among the farm operators who suffered heaviest damage are Bob Fletcher, Art Bodine, Bob Tyson, and Jack Rayner. Ralph Baskett of the ACP Committee admits that he was among the losers, but "only to a slight extent."

The two SCD boards that must take the lead in raising \$56,000 and attending to many a detail are:

Agua Fria — Newell Kring, H. S. Raymond, Jess Watt.

New River — Karl Abel, Cal Sutton, Thayer Collier, Glenn Smith, Robert Tyson.

This is only an emergency program

designed to remedy in part the havoc wrought by one big flood. It will by no means end the threat of future damage, a threat by no means diminished by land, residential and other developments along what was just a lonesome desert arroyo only a few years ago.

A campaign for a special program of permanent flood-control works got under way at a special meeting, in Litchfield Park, Jan. 11. It was attended by representatives of both the SCDs and all federal agencies concerned in the emergency program, also by delegates from Sun City, Avondale, Litchfield Park and Peoria, the Maricopa County Flood Control District and Corps of Army Engineers.

The direction this special program will take must depend largely on detailed surveys, probably by the Corps of Engineers with SCS participation. Tentatively it is expected that somewhat more than ten miles of New River Channel will be straightened and opened, and protective levees constructed.



Gazette Staff Photo by Russ Spavin

CARS STOP, BOATS PROCEED!

Drivers had better stop. If they don't, they will run into Salt River shown flowing under Tempe Bridge after Salt River

Project officials released water from reservoirs to make storage space for watershed runoff.

State Forecast: More Rain, Snow

Arizona's winter "monsoon" was taking a breather today, but the weatherman expects more rain and snow in the state tomorrow.

The probability of rain in the Valley tomorrow was 60 per cent. Increasing cloudiness during the night could bring light showers in the morning and heavier precipitation in the afternoon.

IN CROSSING the state, the new Pacific-born storm is expected to bring widely scattered showers to the southeastern and western valleys, and to the northeastern plateau, and rain and snow to the Mogollon Rim and the White Mountains.

Meanwhile, Salt River Project officials, the U.S. Weather Bureau and snow survey crews of the U.S. Soil and Water Conservation Service took time to size up the situation.

Project officials said:

- The runoff into the lake behind Theodore Roosevelt Dam is now at the rate of 9,000 cubic feet a second, water storage is within 97,000 acre-feet of capacity, and the water level is within six feet of the top of the spillway.

- Spillway gates have been opened at Horse Mesa Dam and Mormon Flat Dam, in addition to Stewart Mountain Dam where the gates were opened yesterday.

- Water is being moved from Apache Lake into Canyon Lake, from Canyon into Saguaro Lake and from Saguaro into the river to make

space available for the present and future runoffs.

- About 5,000 cubic-feet of water per second has been leaving Saguaro Lake since yesterday morning, causing a drop of 4,916 acre-feet at Saguaro, and storage at Apache Lake has dropped 736 acre-feet, for a total of drop of 6,117.

- Roosevelt gained 18,139 and Canyon Lake increased 1,197 for a total of 19,336.

For the four Salt River reservoirs, the increase in 24 hours was 13,219.

On the Verde River, storage at Horseshoe Dam increased 6,205 acre-feet, and at Bartlett Lake the increase was 3,000 acre-feet.

DURING THE night, Flagstaff received a trace of moisture and Grand Canyon reported .01 inch of precipitation.

Snow depths included (in inches): Heber and Williams 6, Flagstaff (airport) 4, Grand Canyon 2.

For the first time since 1927 and for only the third time in

Turn to ●LULL, Page 4

76

Arizona rainfall record is set

By United Press International

Heavy thundershowers continue to dominate the weather pattern around the state, dropping record amounts of rain in some sections.

A new rainfall intensity record for one hour for the entire state was established at the Arizona Citrus Experiment Station where 3.42 inches fell in one hour. Other official and unofficial readings in the Tempe area ranged from 2 to 3 inches.

Traffic in Tempe, where classes began today at Arizona State University, was badly impeded because of

water in the roadways and washed out sections.

Major damage was reported at ASU's Goodwin Stadium where an estimated three feet of water was standing in the equipment room. Football gear also was heavily damaged.

The community of Guadalupe, in the area of the heaviest rain, was ordered evacuated at one point because of runoff into irrigation ditches and canals. But when it began to recede the evacuation order was rescinded.

Thundershowers continued in the south central and

southwest regions through the night and drifted slowly to the southeast where Tucson reported thunder this morning.

Storms should start again this evening with drying conditions forecast for the west by the end of the day, spreading to the eastern sections by Tuesday.

The flash flooding which struck Guadalupe will be a thing of the past when a dam now under design is constructed at the eastern end of the South Mountains, according to the Maricopa County flood control engineer.

Col. John C. Lowry said the earth fill dam will hold runoff from the mountains and prevent uncontrolled water from rushing through Guadalupe and surrounding farm lands.

Construction of the dam may start by 1971, he said. It will be a joint project of the county Flood Control District and the U.S. Soil Conservation Service.

Lowry reported seeing no extensive damage from flooding after making an inspection today in Tempe and Guadalupe areas.

Scottsdale Daily Progress

9/15/69

RAIN

Concluded From Page One

said a stretch of Arizona 95 from Quartzsite to the junction of Arizona 72 was closed because of high waters in dips and washes.

Meanwhile, forecasters said thundershowers will continue to dominate the weather pattern for the state.

MOST OF Arizona should see renewed thundershower development tonight and drying conditions are expected by tomorrow. Phoenix and the Valley can expect cloudy skies and possibly heavy local rainfall tonight. A 60 per cent chance for precipitation was reported for tonight by the Weather Bureau.

Buckeye was the warmest spot in the state yesterday with 95 degrees while Williams reached only 63. It was

92 in Yuma, 90 in Phoenix and 86 in Tucson.

The nation's high was 97 at Cotulla, Tex. Imperial, Calif., recorded a high of 96.

Record high in Phoenix for this date was 108 degrees in 1932. Lowest minimum temperature on record here for a Sept. 15 was 53 in 1915. Greatest amount of precipitation was .21 of an inch in 1944.

Hassayampa On Spree Saturday

Fed by an inch and a quarter of rain over its watershed in the Bradshaw Mountains, the Hassayampa River came roaring into town late Saturday afternoon.

It was the first time many of us had seen that much water in many a moon.

But the sight was short-lived. By Sunday morning the river bed was just a wide mud hole, the water all gone, down the Hassayampa to the Gila, on to the Colorado and then to the sea, lost forever to this thirsty land.

Monday, July 22, 1968

+ O □

Section Two, Pages 17 to 24

STORMS

Buildings Damaged, Wash Flooding; More Rain Due

Arizona got a good taste of "typical July weather" during the weekend.

The weatherman called it the biggest display so far this season of the Arizona Monsoon.

He said, "A continuation of an abundance of moisture" is expected during the next several days.

Probability of rain in the Valley tonight was 30 per cent. Temperatures tomorrow are expected to range from 77 to near 105.

DAYTIME HEATING of humid air set off scattered afternoon and evening showers and thunderstorms both Saturday and yesterday over most of the state.

In Phoenix, the rain measuring bucket at Sky Harbor picked up .30 of an inch Saturday night to bring the July total to .68 and the total since Jan. 1 to 3.11. That's .16 below normal for the period.

Yesterday's storm brought no rain to Sky Harbor, but wind speeds reached 46 miles

per hour and raised enough dust to reduce visibility to zero.

RAIN IN THE deserts and mountains north of Phoenix today was flooding Cave Creek Wash and has forced the closing of Cactus Road just east of the Black Canyon Freeway.

Saturday's storm, with peak wind gusts of 49 mph, tore roofs from several buildings, up-rooted trees, damaged power lines and sent three persons to Doctors Hospital.

The three, Jim Mortenson, 15, of 4437 N. 40th St., Susan Migdall, 19, of 4043 E. Campbell, and Robert Wade, 15, of 1533 N. 15th Ave., were injured when a ticket booth toppled on them at Camelback High School. The three had huddled beside the booth when the storm broke.

YESTERDAY'S storm ripped a number of small planes from their moorings at Deer Valley Airport.

Also yesterday, a severe storm hit the Payson area. Nearly two inches of rain fell

within an hour.

PRECIPITATION totals for the 48-hour period up to 5 a.m. today included:

Ft. Huachuca 1.20, Cottonwood .62, Flagstaff .52, Reno Ranger Station and Pine .50, Globe .25, Grand Canyon .12, Safford, Nogales, Bisbee and Prescott .06, Douglas .05, Tucson .04, Scottsdale .03, and McNary and Winslow .02.

Late yesterday, Cave Creek Dam reported .26, and 57th Avenue and Maryland received .20.

Low temperatures this morning included 43 at Hawley Lake, 51 at McNary, 54 at Payson, 55 at Show Low, and 80 at Sky Harbor.

TEMPERATURES over the state yesterday included: Springerville 85, Flagstaff 86, Grand Canyon 88, Phoenix, Wickenburg and Gila Bend 105, Coolidge 106 and Buckeye 111.

Buckeye tied with Needles, Calif., for the highest reading in the country.

★ ★ ★

★ ★ ★

★ ★ ★

★ ★ ★



Gazette Staff Photo

After rain, motorist crossing normally dry Cave Creek Wash at Cactus Road is "piloted" by friend on foot.

77



A

Gazette Staff Photo by Richard Wisdom

Jack Hanna gives Mrs. Alfred Mentemeyer a lift through ankle-deep (and rising) waters in South Tempe, after car became stalled. Mrs. Mentemeyer's daughter, Barbara, leads the path, and son, Richard (rear), carries valuables

from auto. Tempe marked up an Arizona record last night when a storm poured more than 3 inches of rain on the city in less than an hour. University of Arizona experiment station near Tempe had 3.42 inches in hour.

Phx Gazette 9/15/69

3-City Valley Area Drenched By Up To 3.5 Inches Of Rain

The Tempe-Mesa-Chandler area began to mop up and wring out today after thunderstorms poured 2 to 3½ inches of rain in a brief span and caused severe flash flooding.

More than 3 inches drenched Tempe last night in less than an hour — a record for Arizona. The University of Arizona citrus experimental station near Tempe recorded 3.42 inches between 6 and 7 p.m., causing flooding and traffic jams. The downpour

was about half of Tempe's annual rainfall amount.

Strong, gusty winds and some hail accompanied the storms.

AS FAR SOUTH as Chandler, some homes and streets were flooded. Arizona 87 was closed temporarily by high water. Wind and rain damage to trailer homes near Chandler and Tempe was reported, but no injuries apparently resulted.

Elsewhere in the state,

measurements were less than one-tenth of an inch, except for .28 of an inch at Flagstaff Airport. Phoenix registered only .04 of an inch.

Other measurements around the Valley, all unofficial, were:

West Scottsdale, .06 of an inch, Daley Park in Tempe, 3.36 inches; and East Scottsdale, .37 of an inch.

SEVERE STORM damage was reported at Arizona State University's Goodwin Stadium

in Tempe, where about 3 feet of water spilled through the equipment room.

Mill Avenue and Broadway in Tempe remained blocked off to traffic this morning. The streets were closed during the flooding last night and water remained too deep for traffic today.

Traffic was channeled off Mill and Broadway to University Drive and a tremendous morning traffic jam resulted. Traffic lights were turned off and policemen directed traffic.

Numerous reports were received of houses inundated in Tempe. Police Detective John Stimmett said his house was flooded with about 4 inches of water.

HEAVIEST damage in Tempe appeared to be restricted to the southern portion, where city officials have been making considerable effort the past couple of years to install storm sewers.

Tempe city officials had projected through 1974 storm sewer projects totaling about \$9 million.

Most of this construction would be in the south-central and southeastern portions of the city. At the present time, the city has about \$500,000 left over in funds from a 1966 bond issue. They estimate that they would need a minimum of \$4 million from a bond issue to construct a basic storm sewer system in the southern part of the city.

Ironically, in a recent survey conducted by Arizona State University, citizens indicated storm sewers in 10th place in importance, but in fifth place under "priority."

Several streets in southeast Phoenix were closed early today by flooding and county crews were pumping water from many intersections.

AT ONE TIME during the height of the storm, officials ordered evacuation of the small community of Guad-



Gazette Staff Photo by Richard Wisdom

Jack Hanna gives Mrs. Alfred Mentemeyer a lift through ankle-deep (and rising) waters in South Tempe, after car became stalled. Mrs. Mentemeyer's daughter, Barbara, leads the path, and son, Richard (rear), carries valuables

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measurements were less than one-tenth of an inch, except for .28 of an inch at Flagstaff Airport. Phoenix registered only .04 of an inch.

Other measurements around the Valley, all unofficial, were:

West Scottsdale, .06 of an inch, Daley Park in Tempe, 3.36 inches; and East Scottsdale, .37 of an inch.

SEVERE STORM damage was reported at Arizona State University's Goodwin Stadium

in Tempe, where about 3 feet of water spilled through the equipment room.

Mill Avenue and Broadway in Tempe remained blocked off to traffic this morning. The streets were closed during the flooding last night and water remained too deep for traffic today.

Traffic was channeled off Mill and Broadway to University Drive and a tremendous morning traffic jam resulted. Traffic lights were turned off and policemen directed traffic.

Numerous reports were received of houses inundated in Tempe. Police Detective John Stinnett said his house was flooded with about 4 inches of water.

HEAVIEST damage in Tempe appeared to be restricted to the southern portion, where city officials have been making considerable effort the past couple of years to install storm sewers.

Tempe city officials had projected through 1974 storm sewer projects totaling about \$9 million.

Most of this construction would be in the south-central and southeastern portions of the city. At the present time, the city has about \$500,000 left over in funds from a 1966 bond issue. They estimate that they would need a minimum of \$4 million from a bond issue to construct a basic storm sewer system in the southern part of the city.

Ironically, in a recent survey conducted by Arizona State University, citizens indicated storm sewers in 10th place in importance, but in fifth place under "priority."

Several streets in southeast Phoenix were closed early today by flooding and county crews were pumping water from many intersections.

AT ONE TIME during the height of the storm, officials ordered evacuation of the small community of Guadalupe, but the order was withdrawn only 15 minutes later when the danger lessened.

Col. John C. Lowry, general manager of Maricopa County Flood Control District, said today an earth-filled flood control dam now in the design stage will prevent much future flooding in Guadalupe. It will be built at the east end of Phoenix South Mountain Park to catch runoff from the South Mountains. Construction probably will start by 1971, he said.

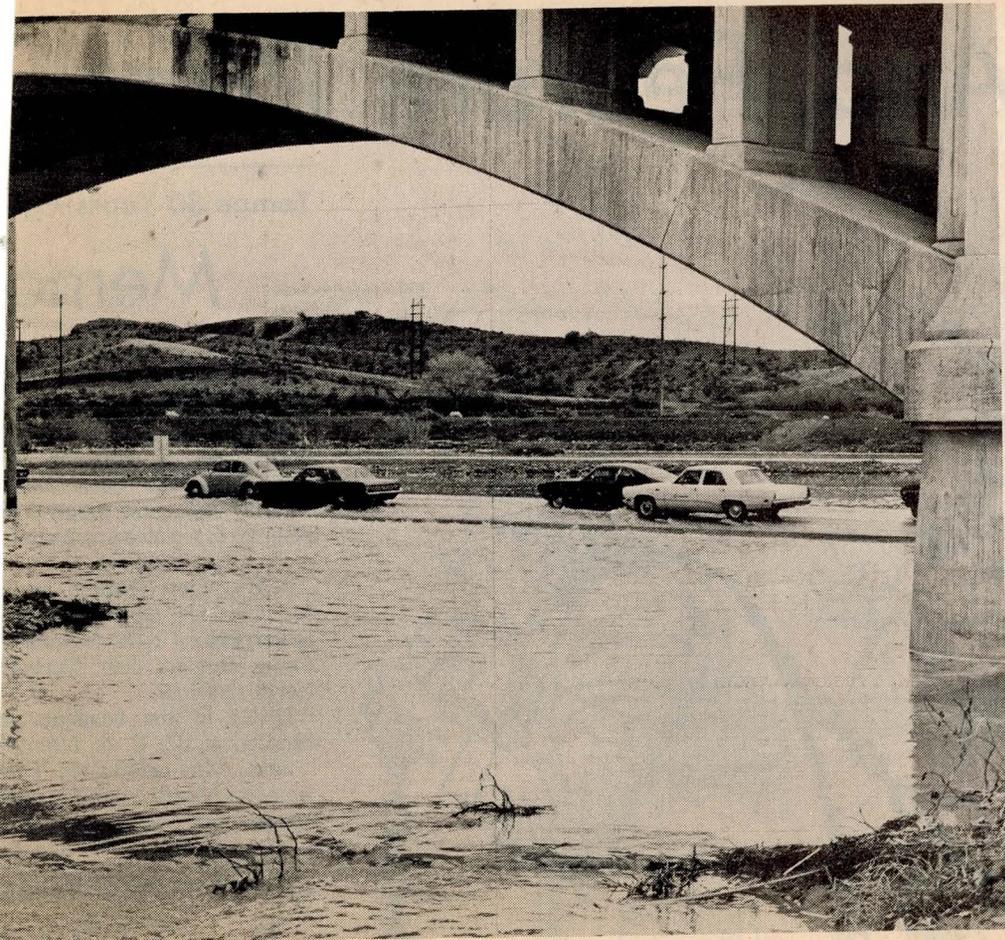
Guadalupe was among the areas hit last night.

Arizona Highway Patrol

Turn to ●RAIN, Page 4

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TEMPE (Ariz.) DAILY NEWS, Friday, February 23, 1979



THAT TIME AGAIN — The recent rains, plus run-off from the north country, has brought on that time again, flooding of the Salt river and road closures. Yesterday traffic was slowed to a snail's pace on the river bottom at Mill avenue (left) while a stranded driver waits for

help on the river bottom at Scottsdale road. Scottsdale road and Mill avenue were still open this afternoon, but many roads were closed. See related story on page one.

Tony Lesce photos

Scottsdale *Daily* Progress

YOUR AWARD WINNING HOMETOWN NEWSPAPER

Vol. XIII, No. 22

SCOTTSDALE, ARIZONA, TUESDAY, MARCH 27, 1973

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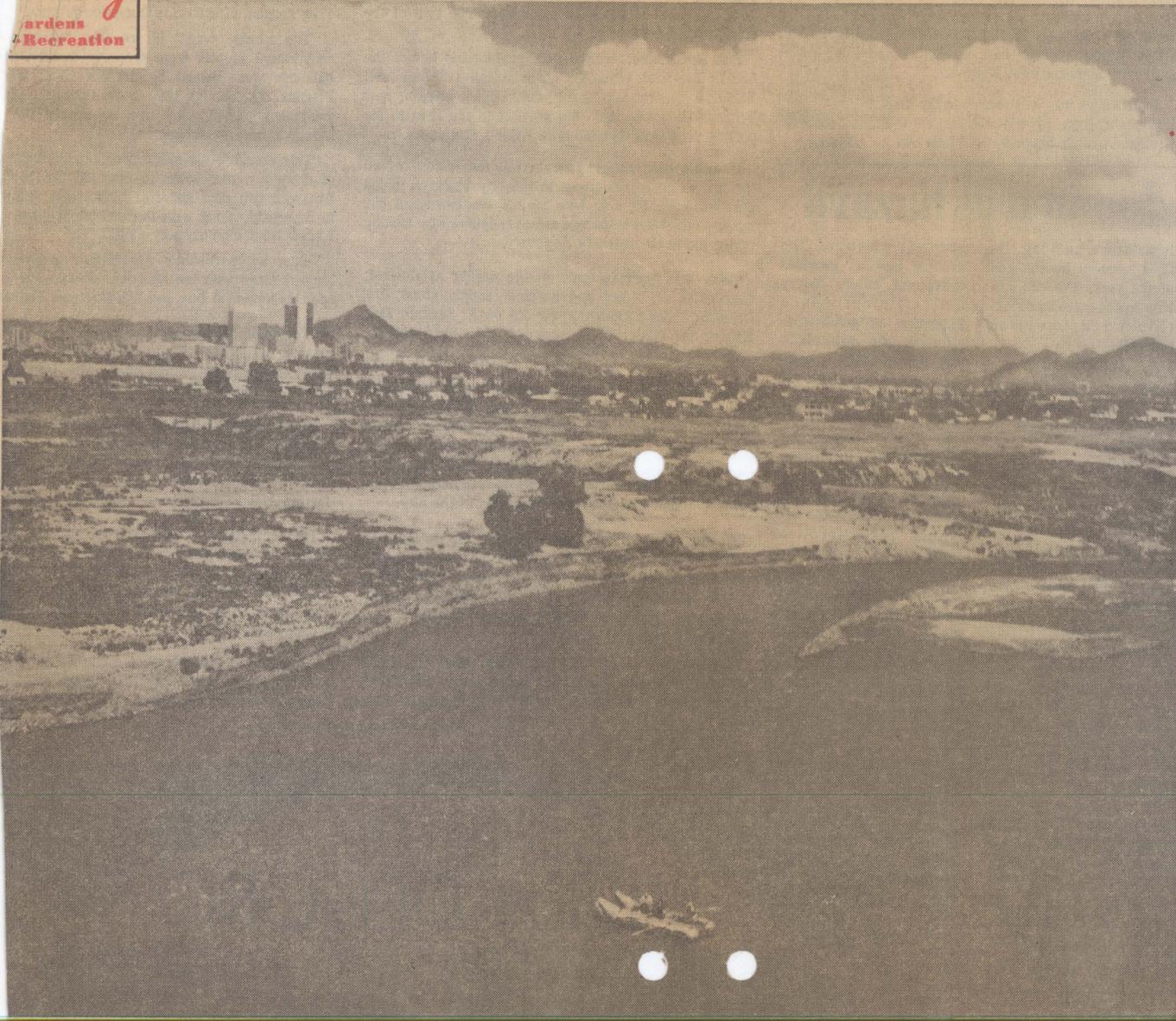
Progress photo by Paul Brown

COMING FROM HIS MESA HOME to work in Scottsdale via the Tempe bridge every morning finally became too much for Bill Weigele. This morning he boarded a raft, grabbed an oar and began paddling down the flowing Salt River between the crossings at McKellips and Alma School roads in Mesa. A friend then picked him up and drove him the rest of the way to the Scotch Mist of which Weigele is co-owner. Forging the river, however, is not the recommended mode of travel. In fact

sheriff's deputies were searching today for the body of a man believed to have drowned Monday while attempting to swim the river east of Hayden Road. Weigele said he will go home tonight the same way and will continue to do so until enough river crossings are opened to alleviate the heavy traffic. He said it's been taking him an hour to an hour and a half to get to work. It took 27 minutes this morning.

REPUBLIC
Sun
Living
gardens
Recreation

After the rain fell on the plain



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By **MARY LEONHARD**
Sun Living Editor

The Salt River Channel is the lowest long stretch of land in the Valley of the Sun.

Recent rains reminded us of this fact, which we tend to forget when dry times tempt us to build there. The Salt River drains a land of major proportions — in addition to providing Central urban Arizona with its water supply.

But this year's rains, which kept us cool and slightly soggy far into the spring season, dumped extra runoff into the Salt. Before joining the Gila, west of Phoenix, and heading into the Painted Rock Reservoir at Gila Bend, the fresh water caused some fun in Phoenix.

Water-watchers abounded at the street crossings closed to traffic. Boaters had a field day. There was some informal talk of starting a Salt River Regatta. (Aerial photographer Jerry Landis may have had the best time of all, as he took these pictures.)

But not everyone was having fun with the water.

Commuters fumed as traffic piled up at the scarce Salt River bridges. Highway crews worried, as streets in the channel were swept away.

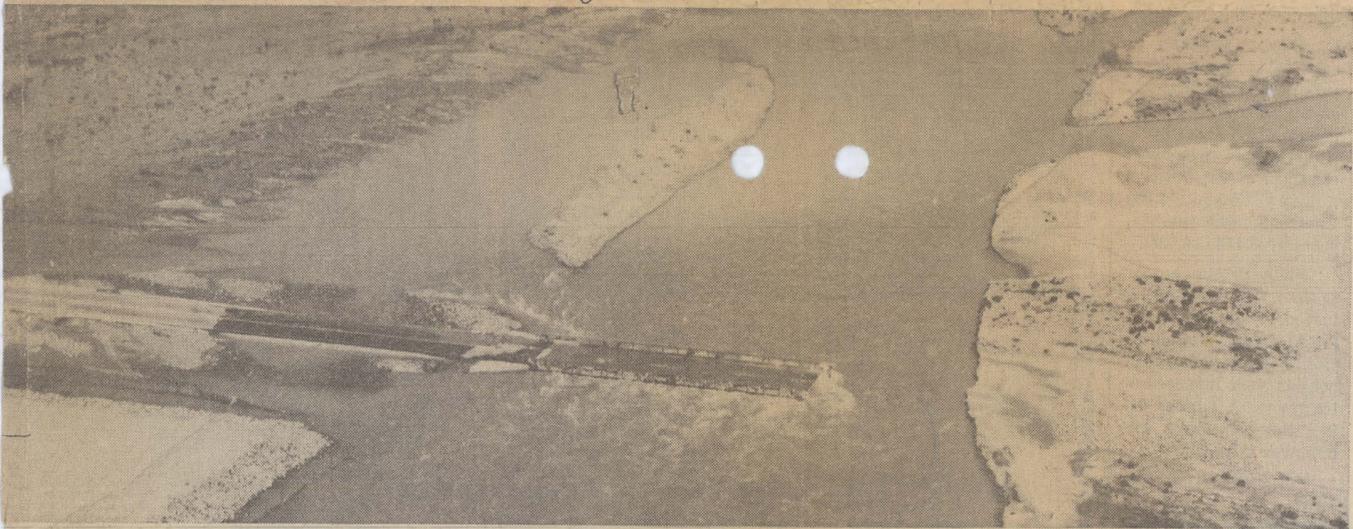
Construction companies, and related firms, suffered from the prolonged spell of showers. Sand and rock suppliers couldn't get to their own gravel beds. And, everywhere, muddy ground meant that concrete couldn't be laid for streets, walks and house foundations.

Farmlands near the Salt and Gila filled up with overflow.

Some were sorry to see the Salt's waters diminish. But now we're ready for a different show — the orange blossoms are onstage next.

Boaters rowing down the river stop in the shallows near Seventh Avenue to pose for photographer Jerry Landis

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Water flows over 40th Street, where part of the pavement has already headed downstream

design ☆ John Wallace

Inside



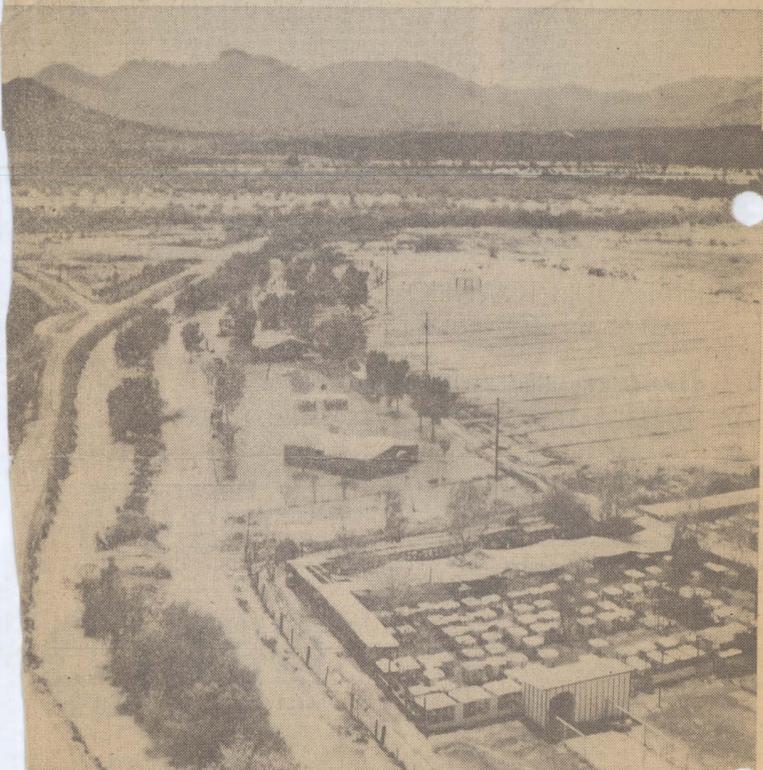
Craftsman Frank Imel, potter for Firebird Festival, Story Page K-3

- Henry Fuller K 2
- Home scene K 15
- Custom mobile K 32

84



Allied Construction Company's Village West is three weeks behind its building schedule. February and March rains muddled its site, at 43rd Avenue and Encanto. Homebuilding continued, where foundation slabs had already been laid. But streets could not be paved.



Farm is inundated, beside the Gila River, four miles south of Avondale. Fields and homes are in the wet; road is a muddy mess.

SAT. MAY 12 - 1973

The Phoenix Gazette

89



During a Phoenix flood in February 1891, riders on horseback traveled "through the blackness of night" to warn settlers of the rapid rise in the Salt River. They were alerted by the fire chief. (Photos courtesy Herb and Dorothy McLaughlin, publishers, "Phoenix 1870-1970 In Photographs").

ARLINE'S ARIZONA

Phoenix Had 'Belly' Washer

By KENNETH ARLINE

When it comes to rain, Phoenix and the Valley have seen some real gully washers.

Take the night of February 1891 when "rain poured down harder and hoarser" than in the memory of the oldest old-timer.

BY THE next morning, the water on South Central Avenue had reached the "bellies" of draft horses and was "rising rapidly."

Water overflowed the old Town Ditch, near Central and Van Buren until a force of men tore down a dam that had provided the town's "swimming hole."

Alerted by an alarm sounded by the fire chief, riders on horseback raced into the countryside between 3 and 4 a.m. to "warn the people of possible danger from flooding."

A reporter for the Phoenix Daily Herald wrote: "Some of the men who lived near Jackson Street returned to bed with their boots on, while the women folks enjoyed the unusual sensation of teeth-chattering gossip at 4 o'clock in the morning."

DURING the day, a throng of curious climbed the courthouse stairs to view the flood from the courthouse tower."

It was reported: "Ziba Brown's place floated away, leaving him in a tree." And Darrell Duppa, the man who had named

Phoenix, "was found on the roof of an adobe house . . . by men in a boat."

The Phoenix area had a couple of big floods in 1905 and the year's total rainfall was a whopping 19.73 inches. That's still the record for a single year, but records are made to be broken.

On Feb. 4, 1905, the grounds surrounding the capitol at 17th Avenue and Washington were "covered with water at least a foot deep."

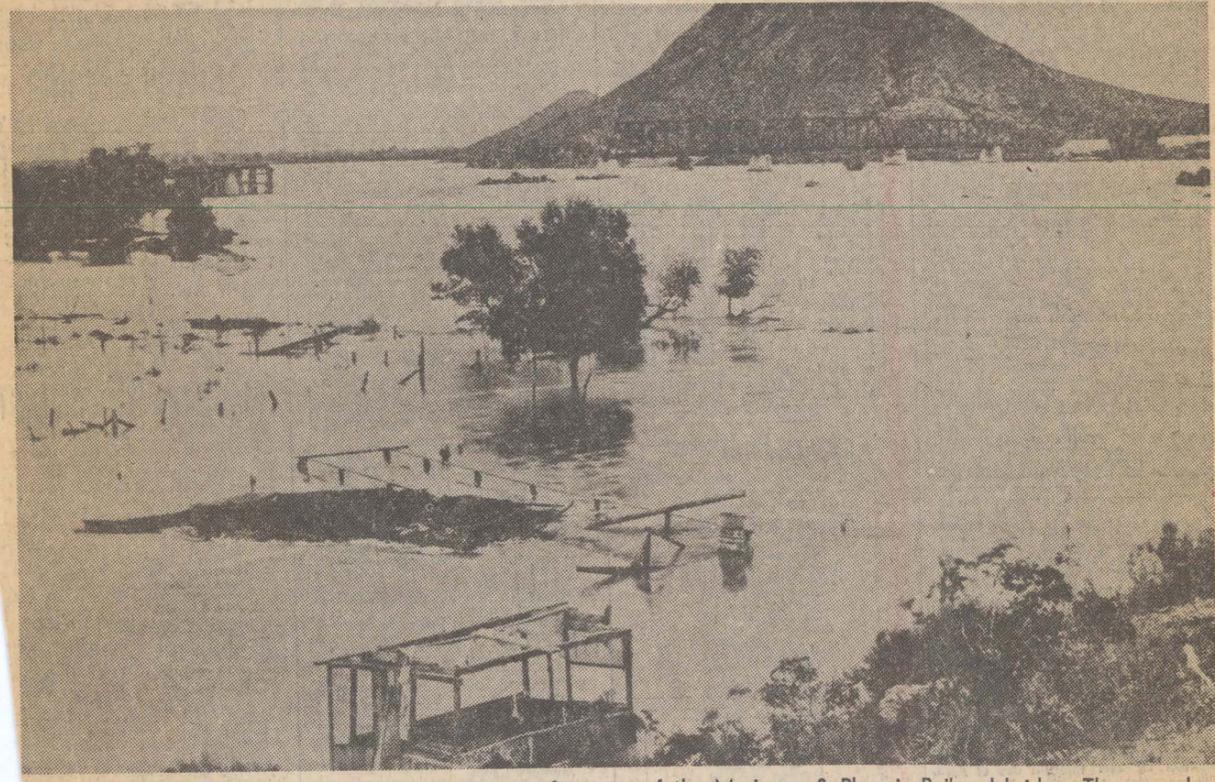
To get to the capitol, members of the legislature either waded through the water or hired the services of an enterprising individual named "Lacey."

Lacey hauled the lawmakers through the water in his buggy for 25 cents a passenger.

SHERIFF'S deputies had warned residents of the capitol area, who lived in houses and tents, to flee to higher ground.

The story is that all did "except an old man named Charles Foster, living in a tent." Later, a rescue party returned and found the tent surrounded by 3 to 4 feet of water. In the middle of the tent was Foster, standing on the top of a "sheet iron stove."

On Nov. 27, 1905, water in the Salt River was reported to be at the highest mark in 14 years. And while the "crest of the flood has not reached Phoenix, the river here is a mile wide. Great waves are plainly visible from the top of the courthouse and the Adams Hotel."



In 1905, breaks in the Arizona Dam released torrents of water down the Salt River and washed out two railroad bridges in Tempe. The first disaster, on April 13, ripped out a section of the Maricopa & Phoenix Railroad bridge. The second, on Nov. 27, wrecked the Santa Fe, Prescott & Phoenix Railroad crossing.

Gazette 11-9-83

Maricopa County almost unscathed by flooding, top hydrologist reports

Gazette Southwest Bureau

While southern Arizona still is reeling from floods last month, Maricopa County escaped nearly untouched, a top county hydrologist says.

"Nothing catastrophic" happened in the county, unlike southern Arizona, said Chief Hydrologist Dave Johnson of the county Flood Control District.

One house in Holly Acres in the southwest Valley was the only home flooded, and some agricultural land was damaged during heavy rainstorms from Sept. 29 to Oct. 7.

The home suffered only a few inches of water, Johnson said.

Johnson will report on the flooding and flows in rivers at a meeting of the county Citizens' Flood Control Advisory Board today.

The board meets at 3335 W. Durango St.

"We didn't get that much rain out of that storm," Johnson said. "Nothing like the southeast part of the state."

Rainfall south of the Valley did result in a rare occurrence, though, Johnson said.

The Santa Cruz River flowed into the Gila River near St. Johns, south of Laveen.

Johnson said the Santa Cruz River rarely flows into the Gila.

When it did, he said, it complicated efforts to calculate potential flows in the Gila River which could have affected Holly Acres.

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