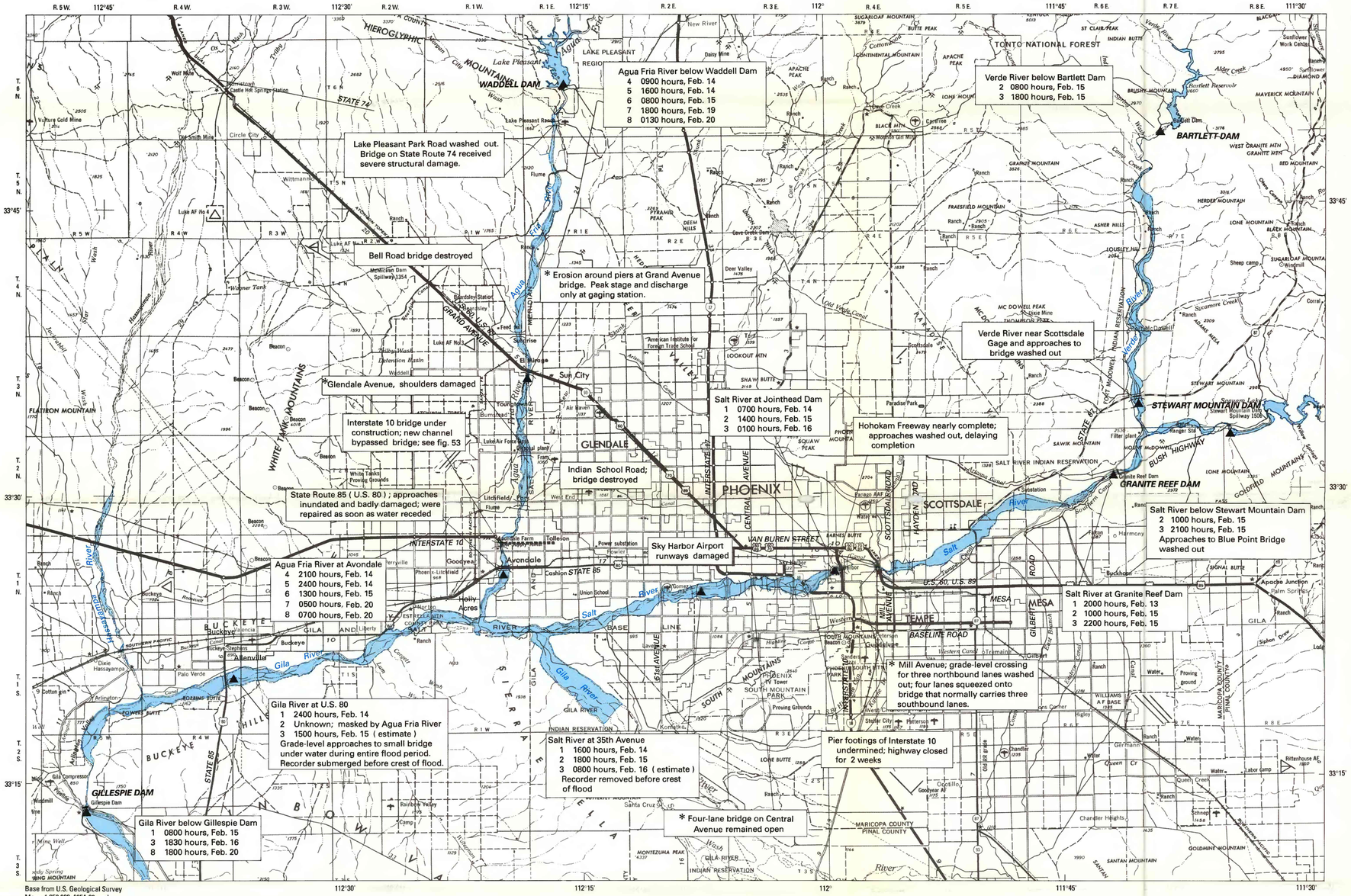
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PROFESSIONAL PAPER 1494
PLATE 3



EXPLANATION

Bridge and road crossings—All improved crossings of the Salt, Verde, Agua Fria, and Gila Rivers are shown; those without bridge symbol are at grade level

Streamflow-gaging station or data-collection site

Salt River at Granite Reef Dam
1 2000 hours, Feb. 13
2 1000 hours, Feb. 15
3 2200 hours, Feb. 15

Salt, Verde, and Gila Rivers:
Name of gaging station
1 gives the time and date when water first reached the station (at Granite Reef Dam it is the time when water began to flow over the dam)
2 gives the time and date of the most rapid rise
3 gives the time and date of the flood crest

Agua Fria River below Waddell Dam
4 0900 hours, Feb. 14
5 1600 hours, Feb. 14
6 0800 hours, Feb. 15
7 1800 hours, Feb. 19
8 0130 hours, Feb. 20

Agua and Gila Rivers:
Name of gaging station
4 gives the time when water was first released to the river or reached the Avondale station
5 gives the time the constant release of February 14 began or reached the Avondale station
6 gives the time of the February 14 crest
7 gives the time when the February 19 rise began
8 gives the time of the February 20 crest

* Bridge was one of four that remained open during flood

NOTE; All bridges from Hayden Road to 51st Avenue (inclusive), except Mill and Central Avenues, were closed because of washed -out approaches or structural damage. Bridges at 48th Street, 16th Street, and 19th Avenue had been destroyed by floods in 1978 and had been replaced with grade-level detours prior to the 1980 flood.

MAP SHOWING DAMAGE INFORMATION AND TIME AND DATE WHEN FLOODWATERS REACHED SELECTED ROAD CROSSINGS IN AND NEAR PHOENIX, ARIZONA, FEBRUARY 13-20, 1980