



L. Scott Tucker, Executive Director

July 15, 1975

Executive Committee:

M E M O R A N D U M

TO : File
FROM : WGD
SUBJECT: NIVER CREEK FLOOD JULY 14, 1975

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News accounts reported last night that between 6:00 P.M. and 8:00 P.M. significant flooding occurred in the Northglenn/Thornton area. I toured the ^{Niver Creek} site this morning from 84th Avenue to York Street.

The concrete lined portion of the channel was severely damaged in several locations. The concrete panels which line the bottom of the channel had been torn loose in several areas, and severe erosion resulted in these locations. The bridge at Exploradore Calle was overtopped with severe erosion resulting upstream, downstream, and under the bridge.

I talked to two boys about 10 years old at the concrete transition structure at the upstream end of the improved section. They told me that the water at that point was at the very top of the transition section and the level in the improved channel was at the top of the grouted

rip-rap section. Some water escaped the transition section and flowed through the park to the south of the channel. This water evidently entered the lower Clear Creek canal and was carried off to the North. The improved channel was in excellent shape, and it was difficult to tell that it had been flowing full the night before.

I met Bob Fleming from Adams County Planning Department at the York Street bridge. He informed me that the improved channel had been flowing at close to capacity and had ~~been~~ performed very well. He also told me that the water in the concrete lined channel section had flowed over ~~XXXX~~ the Coronado Parkway and extended onto the lawns on either side. He also said that the North Valley Shopping Center parking lot was inundated and that I-25 had been closed for a time.

I called Lou Ducret at the USGS and told him of my findings. He indicated that they were retrieving charts from their rainfall/runoff recorders today. He further indicated that he would inspect the area and propose possible locations for indirect flow measurements. He will then discuss these with me and we will choose one or more locations for a discharge determination.

WGD/bac

