

# **RAINFALL EVENT REPORT**

## **July 31, 1991**

prepared by  
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Cells of moderately intense rainfall moved across the west and northwest portions of the Las Vegas Valley in the early morning hours on July 31 causing local street flooding in many locations. Damage from this storm was almost wholly restricted to water and gravel across roadways. Flood damage to two residences has been reported.

This rainfall was part of a large moist and unstable air mass that has been moving into the Great Basin Region from the southeast. Rainfall began in the Valley shortly before midnight and continued for roughly two hours. The most intense rainfall recorded was at Lone Mountain and Hualpai Way. Rainfall at this location set off a Flood Warning System alarm at 1:00 am, notifying District staff. The General Manager and Senior Hydrologist responded at the District's offices. Telephone communication with the National Weather Service (NWS) indicated that intense rainfall cells were exiting the Valley to the north. The NWS issued an urban street flooding warning at 1:00 am. District staff contacted the City of Las Vegas, Metro dispatch and the Imperial Palace to advise them of the potential for localized flooding, particularly on the west and northwest sides of the Valley, and in the Flamingo Wash. Tabular and graphical summaries of the rainfall are attached to this report.

After leaving the District offices, staff noted water and gravel in the following roadways: Sahara Avenue west of Rainbow Blvd, Gowan Road west of Jones Blvd, and Craig Road west of US-95. This information was passed along to Metro dispatch with the request to advise the appropriate Street Departments.

The Clark County Public Works Department has received reports of flood damage to two residences in the vicinity of Craig Road and Valadez Street. One of these residences reported flooding of the basement level. The Clark County Fire Department responded with pumps to alleviate the problem.