

RAINFALL EVENT REPORT

July 6-8, 1991

prepared by
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A moist unstable air mass typical of the monsoonal flow spawned numerous thunderstorms in southern Nevada over the period July 6-8, 1991. While these storms were wide-spread and very localized, they were only moderately intense. The most rainfall recorded at any of the District's remotely located gauges was 0.87" at Meadow Valley Wash, 11 miles north of Glendale. Most of this rainfall occurred within a one hour period. Other significant rainfall depths were recorded at District gauges located in the extreme north of the Las Vegas Valley, approximately 13 miles north of the Downtown area. Two gauges in that vicinity recorded 0.79" and 0.75" respectively. No significant flow was recorded at any of the District's water level gauges. However, Clark County Public Works Department reported that the Cold Creek Road on the northern flanks of the Spring Mountain range was washed out in places as a result of rainfall on Saturday, July 6.

The National Weather Service has forecast that this weather system will remain in the Clark County and southern Nevada area for the remainder of the week. The combination of moist unstable air and daytime surface heating may spawn intense thunderstorms throughout this period.

Graphical and tabular summaries of the rainfall for the period July 6-8 are attached.