

MEADOW VALLEY WASH RANGE SURVEY REPORT

## GENERAL

The Meadow Valley Wash Range Survey was originally planned to cover that part of the Meadow Valley Wash Drainage located in Lincoln County, Nevada, and within an organized grazing district. The area of the Meadow Valley Wash Drainage in Lincoln County as set up by the Soil Conservation Service is approximately 3,265,000 acres. 35% of this area lies outside of an organized grazing district leaving about 2,125,000 acres for mapping and range examination by the Grazing Service (see Meadow Valley Wash Range Survey map).

It was intended that the area would be surveyed on a controlled aerial mosaic basis since aerial photographs are available for the entire area from the Soil Conservation Service. Due to insufficient primary control mosaics were only produced for a small part of the entire area.

In view of the above, the work completed on this survey for the 1941 field season was accomplished partially on aerial mosaics (approximately 439,000 acres - see map); partially on contact prints (approximately 427,000 acres) and partially on Nevada status quad maps (approximately 550,000 acres).

The area surveyed on Nevada quad maps is known as the White River Valley-Coyote Valley Unit. It is only partially covered by aerial photographs and for the most part is not within the drainage of the Meadow Valley Wash. It was included in the survey for reason of its close relationship to grazing problems of the adjoining area east, which is part of the drainage area under consideration.

Topography:

The entire area is a series of more or less narrow mountain ranges and valleys most of which extend in a northerly and southerly direction. The principal drainage channel, the Meadow Valley Wash, extends north and south through the central part of the area with all of the drainages outlined on the map as included in the Meadow Valley Wash Drainage either emptying into this channel or into the Muddy River farther south. The Meadow Valley Wash itself eventually empties into the Muddy River in north Clark County. Farther south the Muddy River joins the Virgin River which empties into Mead Lake.

The headwaters of the Meadow Valley Wash Drainage and the country in which the survey is particularly involved originates in two sections. The first is known as the Camp Valley Wash-Patterson Wash drainage and extends northerly from Panaca, Nevada. It drains what is known as the Wilson Creek Mountains, east slopes of the Ely, Bristol and Highland Mountain ranges and west slopes of the State Line Mountains. This area might be called the north headwaters of the Meadow Valley Wash.