U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
science for a changing world

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NATIONAL PARK SERVICE, U.S. FISH AND WILDLIFE SERVICE, AND THE BUREAU OF LAND MANAGEMENT

SCIENTIFIC INVESTIGATIONS REPORT 2008–5116
Evapotranspiration data-collection sites
DeMeo, G.A., and others, 2008, Quantifying Evapotranspiration in Selected Areas of the Colorado Regional Ground-water Flow System in Southern Nevada and Parts of Utah and Arizona, 2003–2006

EXPLANATION

EVAPOTRANSPIRATION (ET) UNITS

- Dense meadowland vegetation
- Dense woodland vegetation
- Moderate woodland vegetation
- Dense shrubland vegetation
- Moderate shrubland vegetation
- Agricultural fields
- Non-phreatophytic vegetation
- Open water areas

STUDY AREA

Lower Moapa Valley
12,000
HYDROGRAPHIC-AREA BOUNDARY AND NAME— Number is total ET discharge, in thousands of acre-feet

Rainbow Canyon
ET SITE AND NAME

09418500
STREAM GAGE AND NUMBER

115°30′ 115° 114°30′ 114° 37°30′ 37° 36°30′ 36°

CALIENTE ENTERPRISE ALAMO MESQUITE LITTLEFIELD MOAPA GLENDALE LOGANDALE OVERTON LAS VEGAS

IRON COUNTY
WASHINGTON COUNTY
LINCOLN COUNTY
CLARK COUNTY
NEVADA
UTAH
ARIZONA
MOHAVE COUNTY

Clover Valley
6,000
Kane Springs Valley
0
Tule Desert
0
Virgin River Valley
52,000
Lower Meadow Valley Wash
16,000
Coyote Spring Valley
0
Lower Moapa Valley
12,000
Muddy River Springs Area
4,000
Hidden Valley (North)
0
California Wash
6,000
Garnet Valley
0
Black Mountains Area
2,000

09418500 Rainbow Canyon 09418500 09413900 09418700 Lower Meadow Valley Wash 09415000 Unnamed Spring 09419000 Muddy River 09415240 Virgin River 09419507

Meadow Valley Wash Clover Mountains Delamar Mountains Meadow Valley Mountains Tule Springs Hills Beaver Dam Wash Beaver Dam Mountains Mormon Mountains Sheep Range Arrow Canyon Range Mormon Mesa Virgin Mountains Valley of Fire Black Mountains

Muddy River Virgin River Colorado River Lake Mead Overton Arm Blue Point Spring Rogers Spring

Lower Colorado Flow System
Map Area

0 5 10 20 30 40 MILES
0 5 10 20 30 40 KILOMETERS

QUANTIFYING EVAPOTRANSPIRATION IN SELECTED AREAS OF THE COLORADO REGIONAL GROUND-WATER FLOW SYSTEM IN SOUTHERN NEVADA AND PARTS OF UTAH AND ARIZONA, 2003–2006

By
Guy A. DeMeo, J. LaRue Smith, Nancy Damar, and Jon Darnell
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