

**EXPLANATION**

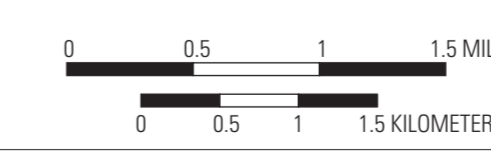
**EVAPOTRANSPIRATION (ET) UNITS**—Text in parentheses is ET-unit identifier and total unit acreage. See table 1 for description of ET units. Shaded relief (in gray) identifies areas of no substantial ground-water ET

- Open-water—Large spring pool; water at surface (OWB, 1 acre)
- Submerged and sparse emergent aquatic vegetation—Shallow part of open-water body; water above surface (SAV, 4 acres)
- Dense wetland vegetation—Tall reeds and rushes; water at surface (DMV, 40 acres)
- Dense meadow and woodland vegetation—Trees, shrubs, and mixed grasses; water table below land surface (DMV, 832 acres)
- Moderately dense to dense grassland vegetation—Short reeds and grasses; water table near land surface (DGV, 340 acres)
- Sparse to moderately dense grassland vegetation—Short grasses; water table below land surface (SGV, 1,215 acres)
- Moist bare soil—Sparse vegetation; water table at or near land surface (MBS, 102 acres)
- Sparse to moderately dense shrubland vegetation—Shrubs with some grass undercover; water table below land surface (SSV, 892 acres)

- ET SITE**—Label is site identifier (table 1)
- WEATHER STATION**—Label is site identifier
- SPRING**—Label is site identifier. Tail indicates direction of flow
- Boundary of Oasis Valley Discharge Area**

**GRAPHS (at top and left margins of this plate)**—Graphs show water-table and daily ET fluctuations at ET sites. Line points to the location of site on the map. Color of graph indicates ET unit in which site is located. Upper graph(s) shows water table. Lower graph shows daily ET. Gaps in solid fill represent periods of missing record or of poor-quality data.

Base from U.S. Geological Survey digital data, 1:100,000, 1979-89  
Universal Transverse Mercator Projection Zone 11. Shaded relief base  
from 1:24,000-scale Digital Elevation Model; sun illumination from  
northwest at 30 degrees above horizon



**DISTRIBUTION OF EVAPOTRANSPIRATION (ET) UNITS AND FLUCTUATIONS IN WATER LEVEL AND DAILY ET, OASIS VALLEY, NYE COUNTY, NEVADA**

By  
Steven R. Reiner, Randell J. Laczniak, Guy A. DeMeo, J. LaRue Smith, Peggy E. Elliott, Walter E. Nylund, and Christopher J. Fridrich  
2002