U.S. Department of Interior
U.S. Geological Survey

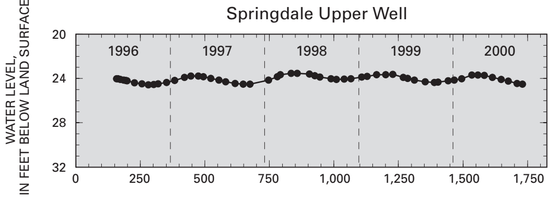
Prepared in cooperation with the
U.S. Department of Energy

WATER RESOURCES INVESTIGATIONS REPORT 01–4233

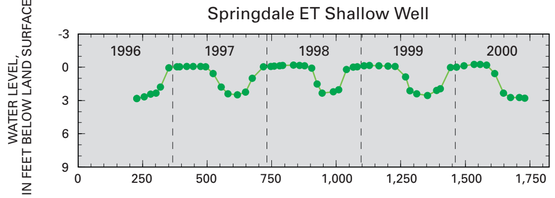
Location of observation wells and measured water-table fluctuations—PLATE 2 of 2

Reiner and others, 2002, Ground-water discharge determined from measurements of evapotranspiration, other available hydrologic components, and shallow water-level changes, Oasis Valley, Nye County, Nevada

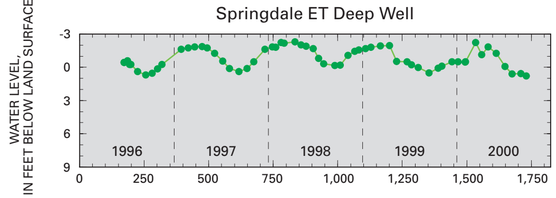
USGS Site ID: 370131116440801
Springdale Upper Well



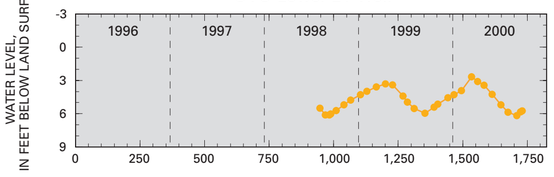
USGS Site ID: 370113116434902
Springdale ET Shallow Well



USGS Site ID: 370113116434901
Springdale ET Deep Well



USGS Site ID: 370242116422901
OVU-Lower ET Well



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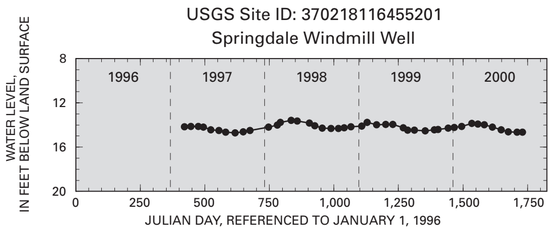
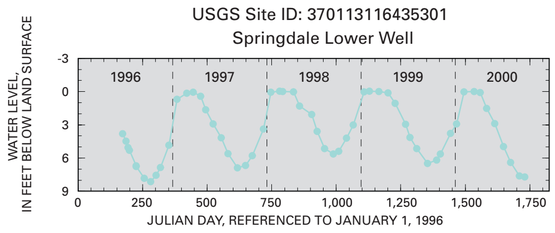
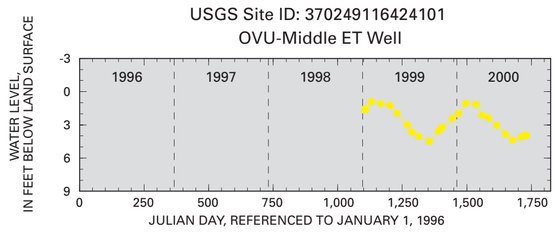
Springdale Windmill Well



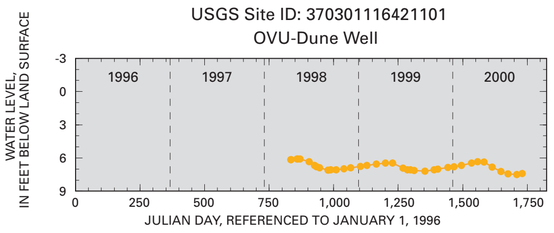
USGS Site ID: 370113116435301
Springdale Lower Well



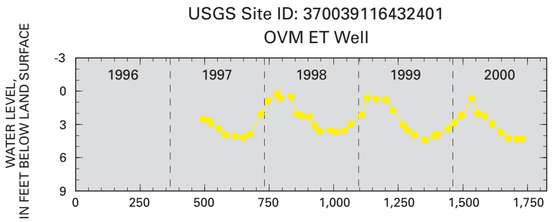
USGS Site ID: 370249116424101
OVU-Middle ET Well



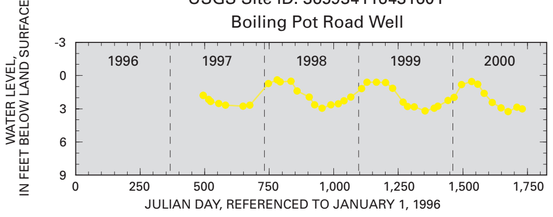
USGS Site ID: 370301116421101
OVU-Dune Well



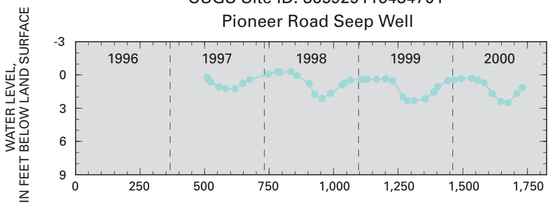
USGS Site ID: 370039116432401
OVM ET Well



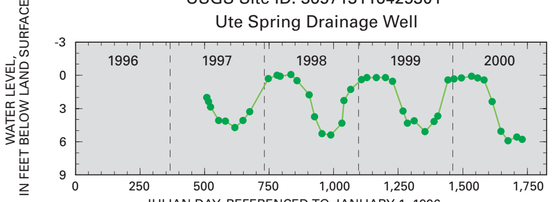
USGS Site ID: 365934116431601
Boiling Pot Road Well



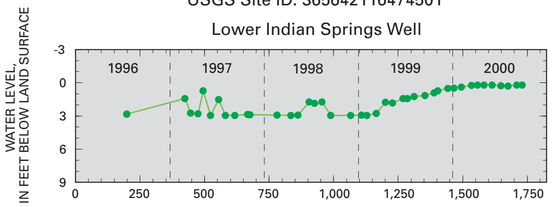
USGS Site ID: 365929116434701
Pioneer Road Seep Well



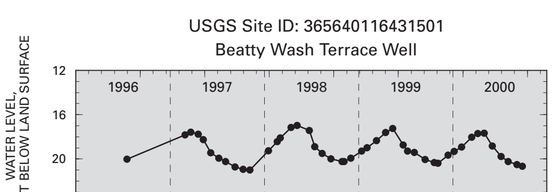
USGS Site ID: 365713116425301
Ute Spring Drainage Well



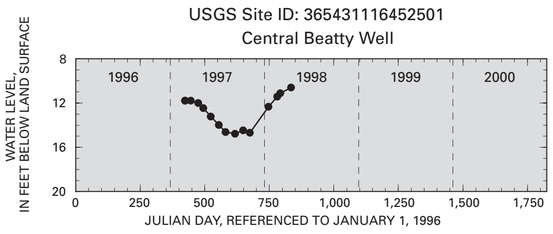
USGS Site ID: 365642116474501
Lower Indian Springs Well



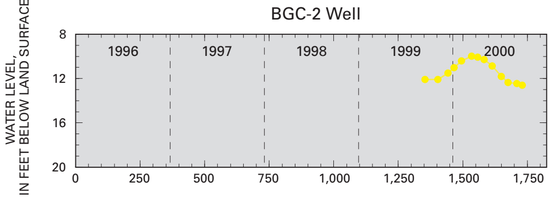
USGS Site ID: 365640116431501
Beatty Wash Terrace Well



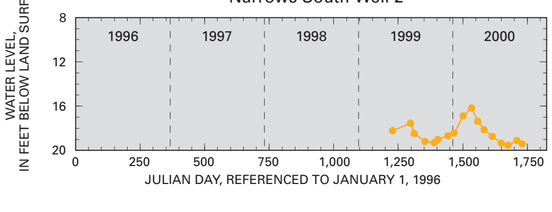
USGS Site ID: 365431116452501
Central Beatty Well

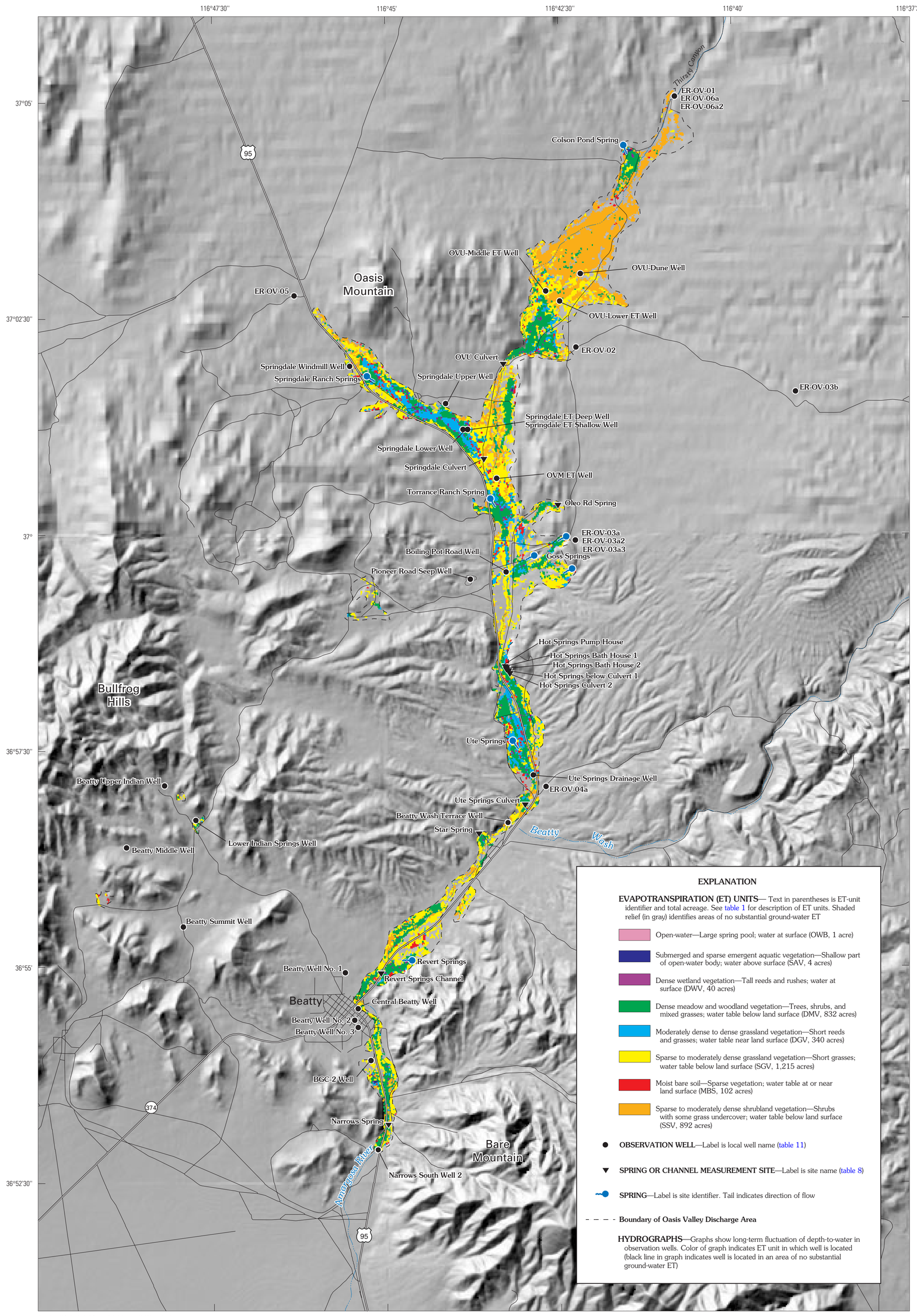


USGS Site ID: 365355116451401
BGC-2 Well



USGS Site ID: 365253116450801
Narrows South Well 2





EXPLANATION

EVAPOTRANSPIRATION (ET) UNITS— Text in parentheses is ET-unit identifier and total 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 (DWV, 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)

OBSERVATION WELL—Label is local well name (table 11)

SPRING OR CHANNEL MEASUREMENT SITE—Label is site name (table 8)

SPRING—Label is site identifier. Tail indicates direction of flow

Boundary of Oasis Valley Discharge Area

HYDROGRAPHS—Graphs show long-term fluctuation of depth-to-water in observation wells. Color of graph indicates ET unit in which well is located (black line in graph indicates well is located in an area of no substantial ground-water ET)

Base from U.S. Geological Survey digital data, 1:100,000, 1978–89; Universal Transverse Mercator Projection Zone 11. Shaded relief base from 1:24,000-scale Digital Elevation Model; sun illumination from northwest at 30 degree angle above horizon.

0 0.5 1 1.5 MILES
0 0.5 1 1.5 KILOMETERS

LOCATION OF OBSERVATION WELLS AND MEASURED WATER-TABLE FLUCTUATIONS, OASIS VALLEY, NYE COUNTY, NEVADA

By

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2002