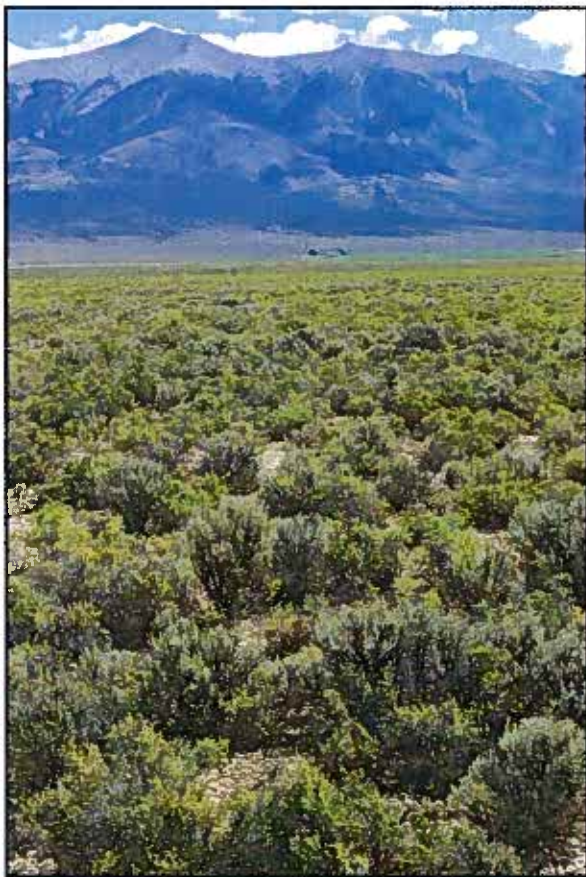


Prepared in cooperation with the Bureau of Land Management



## Mapping Evapotranspiration Units in the Basin and Range Carbonate-Rock Aquifer System, White Pine County, Nevada, and Adjacent Areas in Nevada and Utah



Scientific Investigations Report 2007–5087

**Table 4.** Evapotranspiration (ET)-unit acreage delineated by hydrographic area and subbasin in Basin and Range carbonate-rock aquifer system study area, Nevada and Utah.

[Hydrographic area subbasin: SB is subbasin. Number is subbasin number. Active ET-unit total does not include xerophytic acreage. -, not applicable]

Hydro-graphic-area sub-basin	ET-unit acreage, in acres											Active ET-unit total
	Xero-phytic	Marsh-land	Meadow-land	Grass-land	Dense desert shrubland	Moderately dense desert shrubland	Sparse desert shrubland	Moist bare soil	Open water	Dry plays	Irrigated cropland	
<b>Butte Valley</b>												
1	141	64	478	615	5,827	50,897	7,891	0	4	0	202	65,977
2	8	0	0	0	79	3,244	371	0	0	0	0	3,694
<b>Total</b>	<b>149</b>	<b>64</b>	<b>478</b>	<b>615</b>	<b>5,906</b>	<b>54,141</b>	<b>8,262</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>202</b>	<b>69,671</b>
<b>Cave Valley</b>												
1	2	81	503	280	842	354	6	0	0	0	0	2,066
2	141	0	0	2	534	7,005	3,546	0	0	194	0	11,282
<b>Total</b>	<b>143</b>	<b>81</b>	<b>503</b>	<b>283</b>	<b>1,376</b>	<b>7,359</b>	<b>3,552</b>	<b>0</b>	<b>0</b>	<b>194</b>	<b>0</b>	<b>13,348</b>
<b>Jakes Valley</b>												
-	27	25	91	146	540	203	6	0	26	0	187	1,224
<b>Lake Valley</b>												
1	962	630	1,143	822	4,077	32,384	16,296	0	26	94	0	55,472
2	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>962</b>	<b>630</b>	<b>1,143</b>	<b>822</b>	<b>4,077</b>	<b>32,384</b>	<b>16,296</b>	<b>0</b>	<b>26</b>	<b>94</b>	<b>0</b>	<b>55,472</b>
<b>Little Smoky Valley</b>												
Northern part	409	62	355	379	1,191	1,678	2,108	0	0	5	216	5,994
Central part	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>409</b>	<b>62</b>	<b>355</b>	<b>379</b>	<b>1,191</b>	<b>1,678</b>	<b>2,108</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>216</b>	<b>5,994</b>
<b>Long Valley</b>												
-	78	2	3	4	1,219	12,155	4,901	0	0	0	0	18,283
<b>Newark Valley</b>												
1	5,218	996	2,247	1,397	6,228	11,110	2,556	1	1	1,111	208	25,856
2	8,606	192	639	661	3,620	14,284	6,035	0	1	10,625	285	36,341
3	110	0	1	0	172	7,526	2,830	0	0	24	0	10,553
<b>Total</b>	<b>13,933</b>	<b>1,188</b>	<b>2,887</b>	<b>2,058</b>	<b>10,020</b>	<b>32,920</b>	<b>11,421</b>	<b>1</b>	<b>2</b>	<b>11,760</b>	<b>493</b>	<b>72,750</b>
<b>Snake Valley</b>												
1	8,603	334	693	347	2,527	6,854	17,772	0	0	56,499	1,785	86,810
2	16,034	541	1,746	1,463	7,988	34,568	66,023	578	115	5,553	1,138	119,711
3	3,896	432	1,696	799	3,638	26,758	46,090	0	100	1,081	5,136	85,729
4	92	535	1,816	834	7,368	17,297	3,254	0	212	0	1,873	33,189
5	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>28,625</b>	<b>1,842</b>	<b>5,951</b>	<b>3,443</b>	<b>21,520</b>	<b>85,476</b>	<b>133,139</b>	<b>578</b>	<b>427</b>	<b>63,133</b>	<b>9,932</b>	<b>325,440</b>
<b>Spring Valley</b>												
1	1	119	303	154	747	377	61	0	0	0	0	1,761
2	5,761	1,259	3,223	2,386	13,055	43,870	23,563	2,810	6	15,509	2,867	108,549
3	1,239	699	1,639	1,007	9,301	39,639	12,083	9	0	520	2,492	67,389
4	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>7,001</b>	<b>2,076</b>	<b>5,165</b>	<b>3,547</b>	<b>23,104</b>	<b>83,886</b>	<b>35,707</b>	<b>2,819</b>	<b>6</b>	<b>16,029</b>	<b>5,359</b>	<b>177,698</b>
<b>Steptoe Valley</b>												
1	8,762	790	2,251	2,442	16,691	69,506	26,861	237	5	2,464	2,766	124,013
2	968	2,993	5,171	3,813	13,197	15,992	3,158	21	147	0	2,354	46,848
3	17	152	498	254	1,427	985	76	0	287	0	0	3,679
<b>Total</b>	<b>9,746</b>	<b>3,936</b>	<b>7,920</b>	<b>6,509</b>	<b>31,315</b>	<b>86,483</b>	<b>30,096</b>	<b>258</b>	<b>440</b>	<b>2,464</b>	<b>5,120</b>	<b>174,540</b>
<b>Tippet Valley</b>												
-	42	0	21	51	1,013	4,569	1,623	0	0	497	0	7,775
<b>White River Valley</b>												
1	46	142	340	188	737	748	134	0	0	0	841	3,131
2	239	48	293	253	2,419	15,552	9,881	0	0	19	490	28,954
3	27	104	1,114	1,083	4,733	4,953	541	0	0	9	4,965	17,503
4	2,006	2,877	2,182	2,413	16,450	68,298	34,353	14	685	941	295	128,508
<b>Total</b>	<b>2,318</b>	<b>3,172</b>	<b>3,929</b>	<b>3,936</b>	<b>24,340</b>	<b>89,551</b>	<b>44,909</b>	<b>14</b>	<b>685</b>	<b>970</b>	<b>6,591</b>	<b>178,096</b>
<b>Basin and Range carbonate-aquifer system study area</b>												
<b>Total</b>		<b>13,079</b>	<b>28,444</b>	<b>21,793</b>	<b>125,620</b>	<b>490,805</b>	<b>292,020</b>	<b>3,670</b>	<b>1,616</b>	<b>95,145</b>	<b>28,101</b>	<b>1,100,292</b>