

# Nevada Forecasted Irrigation and Livestock Water Use

## Irrigated Acreage, Water Duty, Irrigation Water Use, Livestock Water Use and Total Agricultural Water Use (Acres and Acre-Feet per Year)

State/County	1995	2000	2005	2010	2015	2020
<b>Total Nevada</b>						
Total Irrigated Acreage	715,439	727,500	715,563	700,742	683,247	665,753
Total Irrigation Water Use	3,113,585	3,160,754	3,109,348	3,045,636	2,970,521	2,895,406
Percent of Agricultural Withdrawals	99.80%	99.79%	99.79%	99.79%	99.79%	99.79%
Based on Irrigation Water Duty of	4.4	4.3	4.3	4.3	4.3	4.3
Total Livestock Water Use	6,329	6,624	6,524	6,402	6,259	6,116
Percent of Agricultural Withdrawals	0.20%	0.21%	0.21%	0.21%	0.21%	0.21%
As a Percent of Irrigation Use	0.203%	0.210%	0.210%	0.210%	0.211%	0.211%
Total Agricultural Water Use	3,119,914	3,167,378	3,115,872	3,052,038	2,976,780	2,901,522
<b>Carson City</b>						
Total Irrigated Acreage	2,431	1,651	1,605	1,553	1,494	1,436
Total Irrigation Water Use	10,710	7,271	7,071	6,840	6,583	6,326
Based on Irrigation Water Duty of	4.4					
Total Livestock Water Use	11	8	7	7	7	7
As a Percent of Irrigation Use	0.105%					
Total Agricultural Water Use	10,721	7,279	7,078	6,847	6,590	6,333
<b>Churchill County</b>						
Total Irrigated Acreage	56,094	54,523	54,130	53,685	53,191	52,696
Total Irrigation Water Use	256,553	249,370	247,571	245,537	243,275	241,012
Based on Irrigation Water Duty of	4.6					
Total Livestock Water Use	672	653	649	643	637	631
As a Percent of Irrigation Use	0.262%					
Total Agricultural Water Use	257,225	250,023	248,219	246,180	243,912	241,644
<b>Clark County</b>						
Total Irrigated Acreage	7,755	7,580	7,566	7,552	7,539	7,525
Total Irrigation Water Use	40,292	39,384	39,312	39,239	39,167	39,095
Based on Irrigation Water Duty of	5.2					
Total Livestock Water Use	280	274	273	273	272	272
As a Percent of Irrigation Use	0.695%					
Total Agricultural Water Use	40,572	39,658	39,585	39,512	39,439	39,366
<b>Douglas County</b>						
Total Irrigated Acreage	38,640	37,877	37,266	36,554	35,746	34,937
Total Irrigation Water Use	189,544	185,799	182,805	179,311	175,346	171,381
Based on Irrigation Water Duty of	4.9					
Total Livestock Water Use	258	253	248	244	238	233
As a Percent of Irrigation Use	0.136%					
Total Agricultural Water Use	189,802	186,052	183,054	179,555	175,585	171,614
<b>Elko County</b>						
Total Irrigated Acreage	213,903	214,007	211,077	207,396	203,001	198,606
Total Irrigation Water Use	908,645	909,087	896,641	881,004	862,335	843,667
Based on Irrigation Water Duty of	4.2					
Total Livestock Water Use	1,703	1,703	1,680	1,651	1,616	1,581
As a Percent of Irrigation Use	0.187%					
Total Agricultural Water Use	910,347	910,790	898,321	882,655	863,951	845,248

State/County	1995	2000	2005	2010	2015	2020
<b>Esmeralda County</b>						
Total Irrigated Acreage	11,286	10,794	10,636	10,400	10,090	9,781
Total Irrigation Water Use	49,687	47,522	46,826	45,786	44,424	43,062
Based on Irrigation Water Duty of	4.4					
Total Livestock Water Use	123	118	116	114	110	107
As a Percent of Irrigation Use	0.248%					
Total Agricultural Water Use	49,810	47,640	46,942	45,899	44,534	43,169
<b>Eureka County</b>						
Total Irrigated Acreage	32,780	38,024	37,493	36,783	35,902	35,021
Total Irrigation Water Use	124,859	144,833	142,812	140,105	136,749	133,394
Based on Irrigation Water Duty of	3.8					
Total Livestock Water Use	157	182	179	176	172	168
As a Percent of Irrigation Use	0.126%					
Total Agricultural Water Use	125,016	145,015	142,991	140,281	136,921	133,561
<b>Humboldt County</b>						
Total Irrigated Acreage	142,558	144,936	141,487	136,988	131,536	126,084
Total Irrigation Water Use	599,845	609,851	595,337	576,406	553,466	530,525
Based on Irrigation Water Duty of	4.2					
Total Livestock Water Use	627	638	623	603	579	555
As a Percent of Irrigation Use	0.105%					
Total Agricultural Water Use	600,472	610,488	595,959	577,009	554,044	531,080
<b>Lander County</b>						
Total Irrigated Acreage	36,192	34,548	34,115	33,568	32,912	32,256
Total Irrigation Water Use	161,382	154,050	152,119	149,680	146,757	143,833
Based on Irrigation Water Duty of	4.5					
Total Livestock Water Use	336	321	317	312	306	300
As a Percent of Irrigation Use	0.208%					
Total Agricultural Water Use	161,718	154,370	152,436	149,992	147,063	144,133
<b>Lincoln County</b>						
Total Irrigated Acreage	15,629	15,477	15,412	15,308	15,167	15,026
Total Irrigation Water Use	65,537	64,899	64,626	64,192	63,601	63,010
Based on Irrigation Water Duty of	4.2					
Total Livestock Water Use	123	122	121	120	119	118
As a Percent of Irrigation Use	0.188%					
Total Agricultural Water Use	65,660	65,021	64,747	64,313	63,720	63,128
<b>Lyon County</b>						
Total Irrigated Acreage	60,975	61,317	60,643	59,884	59,045	58,207
Total Irrigation Water Use	306,926	308,649	305,252	301,435	297,213	292,991
Based on Irrigation Water Duty of	5.0					
Total Livestock Water Use	448	451	446	440	434	428
As a Percent of Irrigation Use	0.146%					
Total Agricultural Water Use	307,374	309,100	305,698	301,875	297,647	293,419

State/County	1995	2000	2005	2010	2015	2020
<b>Mineral County</b>						
Total Irrigated Acreage	2,900	5,004	4,894	4,751	4,576	4,401
Total Irrigation Water Use	15,682	27,059	26,467	25,691	24,744	23,797
Based on Irrigation Water Duty of	5.4					
Total Livestock Water Use	34	58	57	55	53	51
As a Percent of Irrigation Use	0.214%					
Total Agricultural Water Use	15,716	27,117	26,524	25,746	24,797	23,848
<b>Nye County</b>						
Total Irrigated Acreage	14,742	20,060	19,775	19,446	19,073	18,701
Total Irrigation Water Use	60,233	81,962	80,801	79,454	77,931	76,409
Based on Irrigation Water Duty of	4.1					
Total Livestock Water Use	739	1,006	992	975	957	938
As a Percent of Irrigation Use	1.227%					
Total Agricultural Water Use	60,973	82,968	81,792	80,429	78,888	77,347
<b>Pershing County</b>						
Total Irrigated Acreage	27,368	29,079	28,441	27,688	26,831	25,974
Total Irrigation Water Use	116,962	124,275	121,546	118,330	114,667	111,004
Based on Irrigation Water Duty of	4.3					
Total Livestock Water Use	258	274	268	261	253	245
As a Percent of Irrigation Use	0.220%					
Total Agricultural Water Use	117,220	124,548	121,814	118,591	114,919	111,248
<b>Storey County</b>						
Total Irrigated Acreage	300	237	235	232	230	227
Total Irrigation Water Use	1,008	797	789	780	771	763
Based on Irrigation Water Duty of	3.4					
Total Livestock Water Use	0	0	0	0	0	0
As a Percent of Irrigation Use	0.000%					
Total Agricultural Water Use	1,008	797	789	780	771	763
<b>Washoe County</b>						
Total Irrigated Acreage	27,048	25,716	24,671	23,483	22,176	20,869
Total Irrigation Water Use	121,533	115,551	110,853	105,516	99,644	93,772
Based on Irrigation Water Duty of	4.5					
Total Livestock Water Use	291	277	266	253	239	225
As a Percent of Irrigation Use	0.240%					
Total Agricultural Water Use	121,824	115,828	111,119	105,769	99,882	93,996
<b>White Pine County</b>						
Total Irrigated Acreage	24,839	26,671	26,117	25,471	24,739	24,007
Total Irrigation Water Use	84,187	90,395	88,520	86,329	83,848	81,366
Based on Irrigation Water Duty of	3.4					
Total Livestock Water Use	269	289	283	276	268	260
As a Percent of Irrigation Use	0.319%					
Total Agricultural Water Use	84,456	90,684	88,803	86,605	84,115	81,626

Notes: 1995 irrigation figures based on U.S. Geological Survey (USGS) estimates, modified by the Nevada Division of Water Planning (NDWP). Forecasts through 2020 based on 1995 usage rates and relationships and NDWP forecasted irrigated acreage amounts. Livestock water use as a percent of irrigation water use based on 1990 USGS studies.

Sources: Irrigated Acreage--USGS and NDWP; Irrigated Acreage forecasts--NDWP; Irrigation Water Duty--USGS; Livestock water use rate--USGS.