

Appendix A. Component estimates of recharge, discharge, water use, and aquifer storage.

[ET-unit acreage, in acres]

Hydrographic area	Hydrographic area subbasin	Moderately										Subbasin total	Hydrographic area total
		Marshland	Meadowland	Grassland	Dense desert shrubland	dense desert shrubland	Sparse desert shrubland	Moist bare soil	Open water	Dry playa	Irrigated cropland		
Butte Valley	1	64	478	615	5,827	50,897	7,891	0	4	0	202	65,978	69,672
Butte Valley	2	0	0	0	79	3,244	371	0	0	0	0	3,694	
Cave Valley	1	81	503	280	842	354	6	0	0	0	0	2,066	13,347
Cave Valley	2	0	0	2	534	7,005	3,546	0	0	194	0	11,281	
Jakes Valley	--	25	91	146	540	203	6	0	26	0	187	1,224	1,224
Lake Valley	1	630	1,143	822	4,077	32,384	16,296	0	26	94	0	55,472	55,472
Lake Valley	2	0	0	0	0	0	0	0	0	0	0	0	
Little Smoky Valley	--	62	355	379	1,191	1,678	2,108	0	0	5	216	5,994	5,994
Little Smoky Valley	--	0	0	0	0	0	0	0	0	0	0	0	
Long Valley	1	2	3	4	1,219	12,155	4,901	0	0	0	0	18,284	18,284
Newark Valley	1	996	2,247	1,397	6,228	11,110	2,556	1	1	1,111	208	25,855	72,750
Newark Valley	2	192	639	661	3,620	14,284	6,035	0	1	10,625	285	36,342	
Newark Valley	3	0	1	0	172	7,526	2,830	0	0	24	0	10,553	
Snake Valley	1	334	693	347	2,527	6,854	17,772	0	0	56,499	1,785	86,811	325,443
Snake Valley	2	541	1,746	1,463	7,988	34,568	66,023	578	115	5,553	1,138	119,713	
Snake Valley	3	432	1,696	799	3,638	26,758	46,090	0	100	1,081	5,136	85,730	
Snake Valley	4	535	1,816	834	7,368	17,297	3,254	0	212	0	1,873	33,189	
Snake Valley	5	0	0	0	0	0	0	0	0	0	0	0	
Spring Valley	1	119	303	154	747	377	61	0	0	0	0	1,761	177,698
Spring Valley	2	1,259	3,223	2,386	13,055	43,870	23,563	2,810	6	15,509	2,867	108,548	
Spring Valley	3	699	1,639	1,007	9,301	39,639	12,083	9	0	520	2,492	67,389	
Spring Valley	4	0	0	0	0	0	0	0	0	0	0	0	
Steptoe Valley	1	790	2,251	2,442	16,691	69,506	26,861	237	5	2,464	2,766	124,013	174,538
Steptoe Valley	2	2,993	5,171	3,813	13,197	15,992	3,158	21	147	0	2,354	46,846	
Steptoe Valley	3	152	498	254	1,427	985	76	0	287	0	0	3,679	
Tippett Valley	--	0	21	51	1,013	4,569	1,623	0	0	497	0	7,774	7,774
White River Valley	1	142	340	188	737	748	134	0	0	0	841	3,130	178,095
White River Valley	2	48	293	253	2,419	15,552	9,881	0	0	19	490	28,955	
White River Valley	3	104	1,114	1,083	4,733	4,953	541	0	0	9	4,965	17,502	
White River Valley	4	2,877	2,182	2,413	16,450	68,298	34,353	14	685	941	295	128,508	
Total		13,077	28,446	21,793	125,620	490,806	292,019	3,670	1,615	95,145	28,100	1,100,291	