

University of Nevada, Reno

**Development and Uncertainty Analysis of
Empirical Recharge Prediction Models for Nevada's Desert Basins**

A thesis submitted in partial fulfillment of the
requirements for the degree of Master of Science in
Hydrogeology

by

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December 2004

Table A.3

Hydrographic Area Information				Recharge Predictions (acre-feet/year)				
Obs. #	HA #	HA Name	SA Name	ME	N	BBRM	N-ME	N-N
	164A	Ivanpah Valley	Southern Part	675	396	1,907	1,465	1,614
	164B	Ivanpah Valley	Northern Part	335	135	620	549	736
	165	Jean Lake Valley		98	13	546	442	275
	166	Hidden Valley		12	0	187	158	79
	167	Eldorado Valley		679	76	3,317	3,250	1,625
	168	Three Lakes Valley		728	1,170	2,774	1,638	3,661
	169A	Tikapoo Valley	Northern Part	4,902	3,654	8,005	6,006	11,808
	169B	Tikapoo Valley	Southern Part	1,258	1,621	3,498	2,246	4,504
58	170	Penoyer Valley		7,288	5,825	8,983	7,513	15,002
	171	Coal Valley		5,104	4,446	7,789	4,683	12,107
	172	Garden Valley		6,098	20,900	17,342	5,331	32,223
13	171, 172	Coal Valley and Garden Valley		11,203	25,346	25,131	10,014	44,331
63	173A	Railroad Valley	Southern Part	8,210	2,633	6,434	6,855	8,377
64	173B	Railroad Valley	Northern Part	54,776	54,725	47,367	43,834	85,593
35	174	Jakes Valley		20,266	18,989	13,653	11,834	30,405
45	175	Long Valley		30,664	33,249	22,398	20,851	52,736
69	176	Ruby Valley		57,228	121,820	115,793	47,258	163,936
12	177	Clover Valley		23,154	40,799	44,503	21,057	57,621
6	178A	Butte Valley	Northern Part	13,633	13,163	11,281	7,152	20,619
8	178B	Butte Valley	Southern Part	30,360	34,310	28,535	20,758	55,029
7	178A,B	Butte Valley	Total	43,993	47,472	39,817	27,910	75,648
77	179	Steptoe Valley		115,106	117,586	101,338	84,885	171,952
10	180	Cave Valley		21,838	32,507	15,166	13,592	45,913
20	181	Dry Lake Valley		9,159	28,559	20,187	8,947	50,389
18	182	Delamar Valley		3,119	12,930	10,248	3,567	21,442
40	183	Lake Valley		16,831	44,694	23,740	10,875	62,123
76	184	Spring Valley		66,402	93,840	92,965	53,335	139,194
83	185	Tippett Valley		7,569	10,502	9,269	5,752	18,418
	186A	Antelope Valley	Southern Part	3,734	3,521	3,795	1,951	6,728
	186B	Antelope Valley		10,532	7,269	6,994	6,379	13,591
4	186A,B	Antelope Valley	Southern and Northern Part	14,265	10,790	10,789	8,330	20,318
26	187	Goshute Valley Independence Valley		31,124	26,903	22,441	23,068	47,796
33	188	Valley		23,927	26,015	20,202	17,465	41,348
Hydrographic Region 11 - Great Salt Lake Basin								
	189A	Thousand Springs Valley		7,079	5,804	5,540	4,350	9,766
	189B	Thousand Springs Valley	Toano-Rock Spring Area	21,455	27,092	21,813	12,460	44,385
	189C	Thousand Springs Valley	Rocky Butte Area	5,046	7,932	5,839	2,906	13,148
	189D	Thousand Springs Valley	Montello-Crittenden Creek Area	13,220	19,396	11,946	8,466	31,915
82	189A,B,C,D	Thousand Springs Valley	Total	46,801	60,224	45,138	28,182	99,213