

Liddell Spring														% of Santa Cruz Avg. Precip.*	% of Avg Liddell Diversion
WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Year		
(gpm)															
1999	-	-	-	-	1,649	1,716	1,678	1,553	1,069	1,081	1,071	1,064	-	109%	128%
2000	1,045	1,039	972	1,084	1,558	1,554	1,140	-	-	-	-	-	-	117%	134%
2001	-	-	-	-	-	-	-	-	-	-	-	-	-	82%	125%
2002	-	-	926	1,248	1,037	1,041	994	977	976	946	912	879	-	93%	129%
2003	-	762	-	-	-	-	-	-	-	-	-	-	-	94%	122%
2004	-	-	-	-	-	-	984	955	954	942	936	923	-	79%	124%
2005	967	805	1,090	1,441	1,172	1,657	1,126	1,097	993	939	906	890	1,090	141%	115%
(cfs)															
1999	-	-	-	-	3.7	3.8	3.7	3.5	2.4	2.4	2.4	2.4	-	109%	128%
2000	2.3	2.3	2.2	2.4	3.5	3.5	2.5	-	-	-	-	-	-	117%	134%
2001	-	-	-	-	-	-	-	-	-	-	-	-	-	82%	125%
2002	-	-	2.1	2.8	2.3	2.3	2.2	2.2	2.2	2.1	2.0	2.0	-	93%	129%
2003	-	1.7	-	-	-	-	-	-	-	-	-	-	-	94%	122%
2004	-	-	-	-	-	-	2.2	2.1	2.1	2.1	2.1	2.1	-	79%	124%
2005	2.2	1.8	2.4	3.2	2.6	3.7	2.5	2.4	2.2	2.1	2.0	2.0	2.4	141%	115%
(ac-ft)															
1999	-	-	-	-	204	235	222	213	142	148	147	141	-	109%	
2000	143	138	133	149	193	213	151	-	-	-	-	-	-	117%	134%
2001	-	-	-	-	-	-	-	-	-	-	-	-	-	82%	125%
2002	-	-	127	171	128	143	132	134	129	130	125	117	-	93%	129%
2003	-	101	-	-	-	-	-	-	-	-	-	-	-	94%	122%
2004	-	-	-	-	-	-	130	131	126	129	128	122	-	79%	124%
2005	132	107	149	197	145	227	149	150	132	129	124	118	1,760	141%	115%

"East Branch Liddell Creek"														% of Santa Cruz Avg. Precip.*	% of Avg Liddell Diversion
(channel downstream of Liddell Spring)															
WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Year		
gpm															
2004	239	184	389	202	246	263	8	7	7	5	5	4	130	79%	124%
cfs															
	0.533	0.411	0.866	0.449	0.549	0.586	0.017	0.016	0.015	0.012	0.011	0.009	0.290		
ac-ft															
	32.76	24.43	53.24	27.61	31.59	36.02	1.03	1.00	0.91	0.73	0.65	0.55	210.53		

Sources: WYs 1999-2000 from SECOR, EMKO, Farallon for City of Santa Cruz
WYs 2001-05 from Balance Hydrologics for City of Santa Cruz

* Table 8

Recent Gaging Record for Liddell Spring
and Downstream Channel

Table 15

Nolan Associates