

Appendix D-3: Table 1																
Reference Evapotranspiration and Crop Coefficients by Growth Stage																
Antelope Valley Area of Adjudication																
Reference Evapotranspiration*			Crop Coefficients**													
Growth Stage Periods	Monthly ET _o (in)	Bimonthly ET _o (in)	Alfalfa K _c	Pasture K _c	Deciduous K _c	Grain K _c	Fall Silage K _c	Sugar Beets K _c	Melons K _c	Onions K _c	Spring Carrots K _c	Summer Carrots K _c	Potatoes K _c	Grapes*** K _c		
January	2.02	0.91	0.40	1.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
February	2.61	1.11	0.40	1.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
March	4.55	1.18	1.00	1.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
April	6.19	1.43	1.15	1.00	0.25	0.66	0.00	0.00	0.00	0.30	0.31	0.00	0.55	0.35		
May	7.30	2.05	1.15	1.00	0.54	0.82	0.00	0.15	0.18	0.30	0.55	0.00	0.61	0.55		
June	8.85	2.89	0.95	1.00	0.60	1.00	0.00	0.15	0.18	0.30	0.82	0.00	0.88	0.73		
July	9.77	3.30	0.95	1.00	0.72	1.15	0.00	0.37	0.34	0.53	1.03	0.00	1.16	0.82		
August	8.99	3.45	0.95	1.00	0.79	1.10	0.00	0.61	0.72	0.83	1.11	0.00	1.21	0.82		
September	6.52	4.29	0.95	1.00	0.84	0.78	0.14	1.11	1.11	1.14	1.06	0.53	1.19	0.50		
October	4.66	4.56	0.95	1.00	0.86	0.00	0.25	1.11	1.11	1.14	1.00	0.82	0.55	0.72		
November	2.68	4.87	0.95	1.00	0.92	0.00	0.56	1.11	0.78	1.04	0.00	1.03	0.00	0.50		
December	2.05	4.61	0.95	1.00	0.94	0.00	1.00	1.07	0.29	0.92	0.00	1.11	0.00	0.00		
		4.38	0.95	1.00	0.94	0.00	1.15	1.04	0.00	0.80	0.00	1.13	0.00	0.00		
		3.04	0.95	1.00	0.94	0.00	1.20	1.00	0.00	0.68	0.00	1.05	0.00	0.00		
		2.51	0.95	1.00	0.91	0.00	1.06	0.97	0.00	0.00	0.00	0.00	0.00	0.00		
		2.15	0.95	1.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		1.64	0.95	1.00	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		1.04	0.95	1.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		1.06	0.95	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		0.99	0.95	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total (inches)	66.19	66.19	0.95	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total (feet)	5.52	5.52	0.95	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

* Avg ET_o for specified periods, based on available historical and daily data at the Victorville CIMIS Station, 1994 - 2003

** Crop growth stages and coefficients from Univ. California Cooperative Extension; values for the California High Desert

*** Crop coefficients for grapes from Univ. California Cooperative Extension; monthly values for Yolo and Solano Counties (High Desert value not available)

