

Exhibit DFG-C-36

Water Balance for El Sur Ranch Pastures

Precipitation from PRIZM - 1915 to 2010

ETo from Pruitt & Snyder, 1985

Month	Days	Pruitt & Snyder, 1985			PRIZM		Irrigation requirement, ETC-P-ft.	
		Fig 5-11	ETo - mm/mo	ETo - In/mo	ETC ¹ - ft/mo	P, In/mo		P, ft/mo
January	31	1.45	44.95	1.77	0.147	6.29	0.524	-0.377
February	28.25	1.7	48.025	1.89	0.158	5.9	0.492	-0.334
March	31	2.3	71.3	2.81	0.234	4.5	0.375	-0.141
April	30	2.9	87	3.43	0.285	2.37	0.198	0.088
May	31	3.2	99.2	3.91	0.325	0.74	0.062	0.264
June	30	3.5	105	4.13	0.344	0.21	0.018	0.327
July	31	3.5	108.5	4.27	0.356	0.03	0.003	0.353
August	31	3.5	108.5	4.27	0.356	0.04	0.003	0.353
September	30	3	90	3.54	0.295	0.33	0.028	0.268
October	31	2.4	74.4	2.93	0.244	1.34	0.112	0.132
November	30	1.6	48	1.89	0.157	3.23	0.269	-0.112
December	31	1.25	38.75	1.53	0.127	5.6	0.467	-0.340
Annual			923.625	36.36	3.030	30.58	2.548	0.482

1- Assumes Kc = 1.00; ETC = Kc * Eto

Irrigation Apr to Oct, ft: 1.79
 @ 70% eff, ft: 2.55

Irrigation Nov to Mar, ft: 0.00
 @ 70% eff, ft: 0.00

Irrigation Sum, ft: 1.79
 Irrigation Sum @ 70% eff, ft: 2.55

Apr to Oct lost precip., ft: 0.00
 Nov to Mar lost precip., ft: 1.30
 Annual lost precip., ft: 1.30

% Annual lost precip. : 51.1%