

Updated Mitigation Plan for Clark & Edwards Canal Co. Transfer (73746)

Evaporation and Consumptive Irrigation Requirement taken from Rexburg Agriment Site (ET Idaho)

Feb 2011

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Surface Evap (mm/day)	-0.43	-0.34	0.75	1.87	2.04	3.06	3.80	3.71	2.35	1.03	-0.22	-0.50	
Days	31	28	31	30	31	30	31	31	30	31	30	31	
Total Monthly Evap (mm)	-13.33	-9.52	23.25	56.10	63.24	91.80	117.80	115.01	70.50	31.93	-6.60	-15.50	
Total Monthly Evap (in)	-0.52	-0.37	0.92	2.21	2.49	3.61	4.64	4.53	2.78	1.26	-0.26	-0.61	
Total Monthly Evap (ft)	-0.04	-0.03	0.08	0.18	0.21	0.30	0.39	0.38	0.23	0.10	-0.02	-0.05	
Surface Area (acres)	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	
Total Evap (acre-feet)	0.00	0.00	0.49	1.18	1.33	1.93	2.47	2.41	1.48	0.67	0.00	0.00	
													Total Evap (af)
													12.0

Annual Consumptive Use of Dried-Up Acres (grass hay)	743 mm 29.25 in 2.44 ft
Number of Acres to be Dried-Up	8 acres

Total Mitigation Water (acres x consumptive use)	19.5 acre-feet
Mitigation to Offset Evaporation	12.0 acre-feet
Mitigation to Offset Pond Fill or Refill	7.5 acre-feet