

63 VICTORIA, A. 1900

EVAPORATION OBSERVATIONS. STATION No. 1, CALGARY, ALBERTA.

PAN in ground 3 x 3 x 2 feet. Elevation of pan 3406 feet above sea level. Latitude 51° 03', Longitude 114° 04'.

Date, 1898.	TEMPERATURE.		GAUGE READING.		DIFFERENCE IN FEET.		General Remarks.
	Water.	Mean of air for period.	At date.	Previous.	Gain for period.	Loss for period.	
June 8			0.867	0.867			Initial reading.
" 11			0.969	0.867	0.111	0.009	Raining heavily.
" 14			0.991	0.969	0.028	0.006	Rain.
" 17			0.965	0.991		0.026	
" 20	53°		0.925	0.965		0.040	
" 23	57°	55°	0.887	0.925	0.003	0.041	Rain.
" 26	60°	58°	0.849	0.887		0.038	
" 29	57°	55°	0.801	0.849	0.009	0.057	Rain, strong S.E. wind
July 1	61°	55°	0.789	0.801		0.012	
" 4	67°	66°	0.737	0.789		0.052	Very warm; W. wind
" 7	59°	51°	0.683	0.737		0.054	Hot, S. W. wind.
" 10	68°	63°	0.643	0.683		0.040	
" 13	69°	72°	0.592	0.643		0.051	
" 16	66°	67°	0.582	0.592	0.007	0.017	Rain.
" 19	52°	51°	0.602	0.582	0.042	0.022	"
" 22	58°	52°	0.636	0.602	0.044	0.010	"
" 25	67°	65°	0.616	0.636		0.020	"
" 28	64°	58°	0.585	0.616		0.031	"
" 31	64°	59°	0.584	0.585	0.006	0.007	Rain.
Aug. 3	66°	63°	0.557	0.584		0.027	"
" 7	63°	61°	0.526	0.557	0.024*	0.055	"
" 10	62°	66°	0.500	0.526		0.026	"
" 13	62°	65°	0.495	0.500		0.005	"
" 16	63°	61°	0.451	0.495		0.044	"
" 20	65°	65°	0.420	0.451	0.005*	0.036	"
" 23	61°	61°	0.414	0.420	0.002	0.008	Rain.
" 27	60°	63°	0.383	0.414		0.031	"
" 30	57°	53°	0.404	0.383	0.034	0.013	Rain.
Sept. 3	53°	48°	0.437	0.404	0.040	0.007	"
" 6	52°	46°	0.426	0.437		0.011	"
" 10	52°	50°	0.416	0.426	0.009*	0.019	"
" 12	56°	58°	0.396	0.416		0.020	Reading before refil'g
" 12	56°	58°	1.216	1.216			After.
" 13	53°	53°	1.256	1.216	0.073*	0.033	
" 17	53°	54°	1.166	1.256	0.001	0.001	
" 20	52°	53°	1.143	1.166		0.023	
" 24	48°	47°	1.109	1.143		0.034	
" 27	49°	42°	1.000	1.109		0.109	
" 30	42°	36°	1.000	1.000	0.017	0.017	
" 30			1.516				Tank refilled.
Oct. 1	40°	32°	1.506	1.516		0.010	Snowing.
" 4	28°	27°	1.403	1.506		0.103	Ice on tank.
" 7	28°	32°	1.309	1.403	0.010*	0.104	
" 11	42°	37°	1.200	1.309		0.109	
" 14	40°	40°	1.050?	1.200		0.150	
" 17	41°	32°	0.996	1.050		0.054	
" 21	36°	30°	0.980	0.996		0.016	
" 24	34°	32°	0.975	0.980	0.014	0.019	Snowing.
" 28	37°	34°	0.969	0.975	0.001	0.007	"
" 31	40°	36°	0.968	0.969	0.001*	0.002	"
Nov. 2	39°	31°	0.945	0.968		0.023	
" 5	31°	32°	0.937	0.945		0.008	
					0.481	1.747	

Total evaporation, 1,747 feet.

NOTE.—* No apparent reason for this gain. ? This reading is doubtful.