

Estimates of Expenses of the Department  
of Meteorology and Climatology for the year ending  
June 30, 1911.

Salary of Observer (one fourth time)	\$ 600
" " Associate observer (full time)	1800
	<hr/> \$ 2400
Expenses, Project (1) Frost Forecasting from Mountain tops	
Final payment on base station meteorographs	\$ 200.
Reconstruction work on meteorograph masts at Summit	100.
Year-clock for meteorograph	50.
Aneroid shells for replacing small ones	25.
Record sheets for all meteorographs	100.
Rebuilding refuge hut at Contact Pass	50.00
Installing base station meteorographs	25.
Provisions - bed, hay, etc at Mt. Rose Ranch and at summit of Mt. Rose.	100.00
Kite flying repairs - gasoline etc	25.00
" Meteorographs	15.00
Salaries of two observers at base stations Truckee & Lake Tahoe	90.00
Salary of assistant in construction work	50.00
	<hr/> \$ 830.00
	<hr/> \$ 3230

Project II (2)

The Relation of Mountains and forests to the  
Conservation of Snow.

Brought over \$3230

1 Aluminium Snow Sampler with spring balance for delicate measurements	\$10.00
Steel tubing for heavier snow sampler tool work & spring balance	25.00
2 Thermometer shelters, thermometers & thermographs for study of snow under ideal and other forest conditions	130.00
1 doz special thermometers for study of temperatures in snow-fields	30.00
4 Evaporation pans & spring balances	25.00
Reconstruction of precipitation tank pipe schematic of Mt. Rose	25.00
Experimental snow-pipe of large diameter	25.00
Repairs to snow sheds.	10.00
Snow trips to Tahoe	50.00
snow trip to Ruby mountains	100.00
Photographic views	25.00
Salary of assistant in snow measurements Mt Rose	50.00
" " " at Lake Tahoe to conduct weekly snow measurements	75.00
Note books, letter files stationary stamps books periodicals etc	580.00 35.00
Total	\$3845.00

The above items are estimated on the minimum basis. If only \$600 is available for current operating expenses Project (II) should be abandoned, and in Project (I) items for Record sheets, rebuilding of refuge hut and items on kite flying should be rejected. All <sup>and attention</sup> <sup>then</sup> energy should be concentrated on placing the meteorographs in working condition.

I will, (in case Project II is abandoned,) devote my own fourth time to preparing the results of the past years snow-studies for publication.

Very Respectfully  
J. E. Church Jr.

Observer

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

OFFICE OF SPECIAL METEOROLOGICAL OBSERVER

Financial Statement of Projects L & II

April 30 1911

August & Sept	Expended	\$	425.50
Oct & Nov	#1		106.48
	#2		179.70
Nov to Feb	#1		112.17
	#2		177.71
Feb to April	#1		27.90
		#2	29.01
		<del>1058.47</del>	
Total to date			1058.47

For the above should be added:

Cost of March trip to Mt. Rose	\$6.50	
Record sheets for instruments at Fallon &c	65.	approx.
Express charges not included in above	30.00	estimated
Hardware supplies for anemometers &c	10.00	
	<u>111.50</u>	
Arthur Smith 3 days	7.50	
	<u>\$119.00</u>	

Total

\$1177.00

1445.

Which, subtracted from appropriation of  
leaves balance of - - - \$768.00 say \$250