

INVENTORY OF SNOW SURVEY

Equipment at *Saxe Fordyce*: . . .

	No. on Sampler	Number of Sections	Total Length (Inches)	Condition
SNOW SAMPLER <i>one</i>	<i>3</i>	<i>220</i>	<i>good</i>

	Kind	Condition
PACKING CASE	<i>None</i>	.....

	Description
CARRYING STRAPS	<i>None</i>

	Condition
LEATHER BOOT FOR CUTTER END OF SAMPLER	<i>None</i>

	No. on Balance	Condition
SPRING BALANCE	<i>one</i>	<i>good</i>

	With or Without Ski Button	Condition
SAMPLER STAFF	<i>None</i>	<i>good</i>

	Condition
DRIVING WRENCH	<i>good</i>

	Number of wrenches	Condition
SPANNER WRENCHES	<i>one</i>	<i>good</i>

	Condition
CUTTER IN SAMPLER <i>one</i>	<i>Good</i>

	Number on Hand	Milled or Plain?	Condition
EXTRA CUTTERS <i>None</i>	.....	.....	.....

	Condition
CLEANING HOOK <i>one</i>	<i>Good</i>

	Length	maker	Condition
Tape Line <i>one</i>	<i>57 ft</i>	<i>U.S. Reel</i>	<i>Good</i>

	Amount on Hand (Pints)	Condition
SHELLAC <i>one</i>	<i>Amor Butter</i>	<i>Good</i>

OTHER EQUIPMENT -

James Fordyce

INVENTORY OF SNOW SURVEY

Equipment at *Summit Station*

	No. on Sampler	Number of Sections	Total Length (Inches)	Condition
SNOW SAMPLER <i>one</i>	<i>C.9</i>	<i>3</i>	<i>262</i>	<i>good</i>

	Kind	Condition
PACKING CASE	<i>Wood Box</i>	<i>good</i>

Description

CARRYING STRAPS
None

Condition

LEATHER BOOT FOR CUTTER END OF SAMPLER *None*

	No. on Balance	Condition
SPRING BALANCE <i>one</i>	<i>No. 12</i>	<i>good</i>

	With or Without Ski Button	Condition
SAMPLER STAFF *	<i>1 Ski Button</i>	<i>good</i>

	Condition
DRIVING WRENCH <i>No 3</i>	<i>good</i>

	Number of wrenches	Condition
SPANNER WRENCHES <i>two</i>	<i>one</i>	.....

		Condition
CUTTER IN SAMPLER		<i>good</i>
<i>one</i>		

	Number on Hand	Milled or Plain?	Condition
EXTRA CUTTERS	<i>none</i>	<i>none</i>	<i>good</i>
<i>None</i>			

	Condition
CLEANING HOOK	.....

	Length	maker	Condition
Tape Line	<i>100</i>	<i>Lupkin Kube</i>	<i>good</i>

	Amount on Hand (Pints)	Condition
SHELLAC	<i>None</i>	.....
<i>None</i>	.....	.....

OTHER EQUIPMENT -

Summit Station

Wanlette

- ✓ 3 sec. 10 + 2' 6ft. (milled cutter)
- ✓ New bal -
- ✓ 50ft tape (~~as of~~ ^{Lupkin} ~~not~~ metallic ~~tape~~ tape)-
- ✓ Staff + button

Shellac

- ✓ 2 Spanner
- ✓ 1 Driving wrench
- ✓ extra milled cutter
- Can of oil
- ✓ cleaning hook

No case -

~~Best Good cond, -~~

INVENTORY OF CALIFORNIA EQUIPMENT USED IN CALIFORNIA-NEVADA
 COOPERATIVE SNOW SURVEYS, Taken September 1922.

1. Snow Sampling Outfits.

Snow Samplers - (Mt. Rose samplers made by J. E. Church Jr.
 but in future by Julien P. Friez, Baltimore, Md.)

-	-	1 sec.	-	length 133 in.	-	Value \$ 27.00	-	Condition fair.
-	-	4 "	-	" 330 "	-	" 100.00	-	" good
-	-	1 "	-	" 102 "	-	" 10.00	-	" tube cracked
-	-	3 "	-	" 193 "	-	" 0	-	Old, heavy, discarded
-	-	3 "	-	" 248 "	-	" 70.00	-	Fair
-	-	2 "	-	Approx 264 "	-	" 60.00	-	Fair
No. C1	-	3 "	-	312 "	-	" 88.00	-	New
C 2	-	3 "	-	267 "	-	" 75.00	-	New
C 3	-	3 "	-	230 "	-	" 71.00	-	"
C 4	-	3 "	-	241 "	-	" 72.00	-	"
C 5	-	3 "	-	268 "	-	" 77.00	-	"
C 6	-	3 "	-	266 "	-	" 77.00	-	"
C 7	-	3 "	-	262 "	-	" 75.00	-	"
C 8	-	3 "	-	268 "	-	" 77.00	-	"
C 9	-	3 "	-	263 "	-	" 75.00	-	"
12	-	3 "	-	250 "	-	" 74.00	-	"
13	-	3 "	-	230 "	-	" 72.00	-	"
14	-	3 "	-	214 "	-	" 70.00	-	"
15	-	3 "	-	266 "	-	" 77.00	-	"
16	-	3 "	-	258 "	-	" 76.00	-	"
-	-	1 "	-	42 "	-	" 11.00	-	"
-	-	1 "	-	46 "	-	" 12.00	-	"

Spring Balances (Mt. Rose balances made by S.P. Fergusson,
Washington D.C. but now by Julien P. Friez,
Baltimore, Md.)

3 spring balances, old style, @ \$ 20.00 \$ 60.00 condition fair.
8 " " new style, @ \$ 39.00 \$312.00 " new.
Serial numbers are no. 12, 15, 19, 21, 22, 23 ? ?.

Ski Staffs(Amar & Johns and A. W. Preston, Reno, Nevada)

3 plain staffs @ \$ 2.00 \$ 6.00 condition fair.
10 staffs and buttons @ \$ 4.70 \$ 47.00 " new.
8 spanner wrenches (Amar & Johns) @ \$ 1.00 \$ 8.00 " good.
18 cleaners (A. W. Preston) @ \$.75 \$ 13.50 " new.
aluminum
9 driving wrenches (") @ \$ 7.50 \$ 67.50 " new.
" "
2 driving wrenches (S.P. Fergusson) @ \$ 5 \$ 10.00 " fair.
1 driving wrench of steel (") @ \$ 3.00 \$ 3.00 " fair.
3 steel core plugs (A.W. Preston) @ \$.75 \$ 2.25 " new.
8 files @ \$.70 \$ 5.60 " fair.
2 tape (cloth) @ \$ 1.00 \$ 2.00 " poor.
3 metallic tapes (100 ft) Dietzen @ \$5.50 \$ 16.50 " good
5 " " (50 ft.) Lietz @ \$ 5.00 \$ 25.00 " good.
3 wooden packing cases (Union Mill and Lumber Company, Reno)
@ \$27.00 \$ 81.00 new.

Extra Cutters

4 new milled cutters(Intern. Equip. Co.) \$ 42.00 condition new.
2 milled cutters(used) @ \$ 8.00 " 16.00 " fair.
4 smooth cutters " @ \$ 6.50 26.00 " fair.
1 Pair carrying straps for Sampler Outfit Summit Station ?
5.00 condition new.

Total \$ 2111.85

Cost price of 5 of original order \$ 28.00, of last 3 made
by Julien P. Friez \$ 39.50, cost delivered approx. \$ 40.50.
The change to Friez was due to withdrawal of S.P. Fergusson
from experimental work.

Location of Sampler Equipment.

Note: Except as specified below, the above equipment is at Reno.

Tahoe City:

- 1 Mt. Rose Sampler - 1 sec. 133 in. long.
- 1 " " " - 4 sec. 330 in. "
- 1 old style aluminum spring balance.
- 1 cleaning hook.

Summit Station:

- 1 Mt. Rose sampler C No.9
- 1 Spring balance No.12 with staff and ski button.
- 1 driving wrench No. 3
- 1 100-foot metallic tape.
- 1 packing case belonging to U.S. Forest Service
- 2 spanner wrenches
- 1 Cleaning hook.

Fordyce Lake:

- 1 Mt. Rose sampler No.? - 230 in. long.- 3 sec.
- 1 Spring balance No. -
- 1 staff and button.
- 1 Driving wrench
- 2 Spanner wrenches
- 1 Cleaning hook
- 1 50-foot tape.

Mt. Rose:

- 1 Mt. Rose sampler (old style) - 193 in.
- 1 Mt. Rose sampler - 248 in.
- 1 Aluminum spring balance (old style) and staff.

Mt. Rose (continued):

- 1 Aluminum driving wrench (old style)
- 2 Cloth tapes
- 1 100-foot metallic tape?
- 1 file

Marlette Lake:

- 1 50-foot metallic tape to supplement Nevada's snow sampler set there.

Blue Lakes:

- 1 Mt. Rose sampler - 2 sec. - approximately 264 in.
- 1 Aluminum spring balance and plain staff.
- 1 Driving wrench, cleaner, and file.
- 1 50-foot metallic tape.

Bridgeport:

- 1 Mt. Rose sampler - No. C 4 -
- 1 Spring balance - No. 19
- 1 Staff with ski button.
- 2 Spanner wrenches.
- 1 Driving wrench
- 1 file
- 1 extra milled cutter
- 1 50-foot metallic tape.
- 1 carrying strap (Nevada's)
- 1 Steel core
- 1 wooden packing case.

2. Evaporation Pans. (all circular)

At Tahoe.

1 water evaporation pan - 3 ft. x 10 in.- Tahoe.- excellent.
 1 " " " - 3ft. 1in. x 10 in. " - "
 1 " " " - 4 ft. x 10 in.- " - "
 1 " " " - 4ft. 1in. x 10in. " - "

Total Value \$ 25.00

19 Snow evaporation pans - 15x6 in - @ \$ 2.50 - \$ 47.50 - "
 2 " " " - " - @ \$ 1.00 - \$ 2.00 - poor.
 1 cutter - 15 in. diam @ \$ 2.50 - \$ 2.50 - excellent
 2 Ice evaporation pans - 15x2 in. - @ \$ 2.00 - \$ 4.00 - "
 9 False bottoms for snow evap. pans @ \$ 1.00 - \$ 9.00 - "
 2 Special pans for evaporation of snow in trees
 @ \$ 3.50 - \$ 7.00 - "
 14 ? Canvas hoods for evaporation pans \$10.00 - "

On Mt. Rose.

6 Evaporation pans- 10 1/2x6 odd size discarded
 1 Snow cutter - 10 1/2 x 6 " " "
 3 Evaporation pans - 15x6 @ \$2.50 - \$ 7.50 - Excellent.
 1 cutter - 15x6 \$ 2.50 - "

Total \$ 117.00

3. Field Anemometers

3 Aluminum anemometers (S.P.Fergusson)Mt. Rose \$15.00 "
 4 " " " Tahoe \$ 20.00 "
 1 Bronz " (Julien P. Friez) No.B41 " \$ 25.00 "
 1 Anemometer wrench " .

Total \$ 60.00

4. Rain Gages.

- 1 Galvanized iron bucket - 15x36 in.- Tahoe - \$ 5.00 - Excellent.
- 1 " " " - 15x12 " - " - \$ 3.00 - poor
- 1 Standard rain gage - 3x13 in. - Reno - \$ 6.00 - Excellent.
- 1 " " " - 8x15 in.- Reno - \$10.00 - "
- 1 " " " - 9x17 1/2 - " - \$10.00 - "

Total \$ 34.00

5. Meteorograph Stations. and Equipment.

- 1 Meteorograph with shelter and heavy masts. Range 6-9 weeks.
by S.P. Fergusson. Mt. Rose (Summit) \$ 700.00
Hygograph needs repairs; sunshine reporter
inefficient and discarded.
For auxiliary Observatory Building
(see traveling and shelter equipment below)
- 1 Small Instrument Shelter 2 ft. square
auxiliary to above. Fair. \$ 15.00
- 1 Meteorograph and shelter at Observatory Point, Lake Tahoe.
Range 1 week. Auxiliary anemometer No. 1061 (A. Hahl & Co.
Baltimore, Md.) Excellent except needs immediate
repainting. \$ 350.00
- 1 Meteorograph with shelter. Fallon, Nevada. Awaiting
transportation. Auxiliary thermometer No. 17775.
(Henry J. Green) \$ 300.00

Except as noted Total \$ 1365.00

6. Equipment for Thermograph Stations. (All at Reno awaiting repairs and transportation.)

- 7 Thermographs (small model by Jules Richard) range from
0 - 100 F. Nos. 62668, 62575, 62576, 62681, 62685, 62683,
62686. All need cleaning. @ \$ 20.00 \$ 140.00
- 4 Thermographs (large model) by Jules Richard. Range - 120 to 110.
Nos 5832, 6856, 6857, 6864 @ \$ 40.00 \$ 160.00
- 3 Large Clock keys
- 5 Small clock keys
- 7 Standard thermometers for checking thermographs. Henry J Green
Nos. 6077, 20429, 20430, 20431, 20432, 20591, 20675.
good condition @ \$ 2.50 \$ 17.50
- 1 Standard thermometer Henry J. Green. No. 20426 auxiliary to
meteorograph on Mt. Rose. good. \$ 2.50
- 1 Set supports for max.-min. thermometer Reno.

- 1 Thermograph shelter 2 ft. square, Tahoe \$ 8.00
- 11 Thermograph shelters 2 1/2 ft. sq.x6 1/2 ft. tall
All have hasps extending @ \$ 15.00 \$ 165.00
across front of shelter; 9 locks
and eight keys. All need repairs to roofs
and thorough repainting. Approximately 8 will
need extension legs to adapt them to the deep snows
of the Sierra Nevada in case the temperature
stations recommended in the report are established.
- 1 Wire screen for medium size thermograph to keep out
flies \$ 1.00

Total \$ 494.00

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7. Auxiliary Instrumental Equipment. (All at Reno except as noted)

- 2 Sling psychrometers viz. Dry Bulb 23531; Wet Bulb 23532
at Tahoe and Dry Bulb 27287 and Wet Bulb 27288 on
Mt. Rose. (Henry J. Green) @ \$ 6.00 \$ 12.00
Condition excellent.
- 1 Ruling board 11"x15 ft. with extension ruling pen for
ruling time lines on Mt. Rose meteorograph sheet. \$ 10.00
- 1 Merc. Barometer (Henry J. Green) No. - Mt. Rose
Condition good. \$ 50.00
- 1 Merc. Field barometer (Henry J. Green) No. 1648
with tripod and leather carrying case. Mercury
gone. Tube probably broken. Attachment to
tripod partly lacking. \$ 40.00
- 1 Merc. Field Barometer No. 1536 In wooden and
leather carrying cases. Condition good except
carrying strap needs stitching. \$ 40.00
- 1 Merc. Barometer tube missing \$ 10.00
- 1 Glass tube for Merc. Barometer \$ 5.00 ?
- 1 Richard barograph (J. Glaenzer) No. 334612
Tahoe Condition good. \$ 40.00
- 1 Richard barograph (J. Glaenzer)?No. -
Mt. Rose Condition good. \$ 40.00
- 1 Richard barograph (J Glaenzer) No. 334618
Reno Condition good \$ 40.00
- 1 Standard thermometer for testing purposes
(with metal back) No. 3072 Henry J. Green
Range - 40 to 145 F. Good. \$ 25.00

- 1 Set Wet and Dry Bulb Thermometers Nos. 319324, and 19325
Henry J. Green. Range - 40 to 50 C. good. \$ 5.00
- 1 Set Wet and Dry Bulb thermometers (Taylor Co.)
Range 20 to 120 F. Condition good \$ 5.00
- 1 Set max.-minn. Nos. 16294 and 20817 (Henry J. Green)
Condition good \$ 5.00
- 2 Sets Green's Sixs max-minn. thermometer on iron
backs. Nos. 24208 and - Tahoe No. - missing \$ 8.00
- 2 Tin cases to contain above Sixes Tahoe
covers gone.
- 2 Sets Green's sixes max-minn. thermometers in
hermetically sealed copper cases for taking water
temperatures in Lake Tahoe. No. 26153 tube broken
No. 26154 glass front of case broken otherwise
good. Tahoe \$ 3.00
- 3 Magnets for resetting Green's Sixes. At Tahoe
weak
- 1 Fergusson snow thermograph. Tahoe Excellent \$ 25.00
- 2 Thermometers in glass tubes for snow temperatures
Mt. Rose Condition good. \$ 3.00
- 1 Night-marching compass. (Short and Mason Ltd., London)
Tahoe. Dial was never luminous otherwise good. \$ 2.00
- 1 Range finding compass. Crystal broken otherwise
excellent. \$ 1.50
- 1 Aneroid barometer and compass. Range 20,000 ft. \$30.00
Missing.
- 1 Biram Airmeter No. 7952 Short and Mason Ltd. London.
Perfect \$ 20.00
- 1 Clinometer with case Tahoe good \$ 1.00
- 20 wooden snow markers 1" sq. x 10 ft. Tahoe
Badly broken from use.
- 50 wooden markers at Mt. Rose. like above.
Badly broken from use.
- 1 Thermo-hygrograph with wire cage to protect against
flies. Range 1 month but scale much compressed \$ 50.00
Slight repairs necessary.
- 1 Double register for wind direction and velocity in glass
case 16x15x8 in. Old style. fair \$ 70.00

- 1 Mechanism for Baxendell Anemoscope (Negretti and Zambra) London)
Condition: new. \$ 35.00 ?
 - 3 Experimental thermograph clock cylinders viz. 5x3 1/2 in.
movement 26 hrs., interchangeable; 7 3/4 x 4 1/2,
movement 30 days ?; 5 x 3 1/2 movement 15 days
interchangeable.new. @ \$ 15.00 \$ 45.00
 - 1 Extra thermograph clock cylinder. Small model
Julien P Friez. Needs cleaning \$ 10.00
 - 1 Seth Thomas Regulator Clock adapted as Master Clock
for sunshine recorder on Mt. Rose. At Observatory
on Mt. Rose. Discarded. \$ 100.00
- Total \$ 730.00

Miscellaneous Castings, Brass Rods, Tubing, etc.of No Present Value.

8. Traveling and Shelter Equipment(at Reno except where otherwise noted)

- 2 Pair of ski. Tahoe. 1 pair worn out. Other pair
badly worn. \$ 5.00
- 1 Pair of ski Reno. Much worn \$ 5.00
- 1 Pair Webb Snow Shoes. Bear Paw. 14x25 1/2 (non sag) \$ 14.00
Excellent
- 1 Pair webb snow shoes 13x60 in. Purchased by special
gift. (non sag) Excellent. \$ 15.00
- 1 Pair webb snow shoes 11 1/2 x 40 in. without toe straps
old and worn out .
- 1 Pair webb snow shoes (pointed both ends) 9 1/2 x 51 in.
with only one toe strap. old and discarded
- 1 Paraffin shelter tent with heavy waterproof canvas floor.
slight repairs needed. \$ 20.00
- 2 Kenyon Sleeping Bag cases Excellent @ \$10.00 \$ 20.00
- 2 Sleeping bags and cases. At Blue Lakes. New.
Purchased by California Department of Engineering
@ \$ 25.00 ? \$ 50.00
- 1 Primus lamp range (2 burners) Tahoe Condition
good except for very slight repairs. \$ 6.00
- 3 Heavy knit woolen helmets. Fair \$ 5.75
- 1 Camp axe. Short handle Condition good \$ 1.00

- 1 Cedar Motor boat hull ("Skiddoo") 4 x 16 ft. needs thoro recaulking and minor repairs
- 1 Gas engine and reverse gear for motor boat dismantled. 2 cylinder, 2 cycle, approximately 7 horse power marine engine, Dismantled parts missing.
- 1 Two bladed propeller bent and useless.

Value of entire boat \$ 25.00

- 1 Shelter hut. 7x7x7. Summit of Mt. Rose. Tongue and grooved lumber covered with Malthoid roofing. Excellent Contains the following equipment:-

- 1 Cast iron stove
- 2 Primus lamps for heating and cooking.
- 1 Oil lamp
- 2 Spring cots
- 2 Cot mattresses
- 2 Rabbit skin sleeping bags
- 4? Quilts and blankets
- 1 Folding chair
- 1 Broom
- 2 Frying pans
- 1 Tea kettle
- 1 Coffee Pot
- 8 Plates
- 3 Cups
- 2 Cooking pots
- 1 Dish pan
- 1 Wash basin
- 1 Bucket
- 1 Ax
- 1 Shovel

Value \$ 500.00

- 1 Tool Box on Summit of Mt. Rose. \$ 45.00
- 1 Sand Bag Hut approx. 10x12 ft. at Contact Pass (9,000 ft. elev.) Mt. Rose. Contains the following equipment:-
 - 1 Sheet iron stove
 - 1 Primus lamp for cooking
 - 1 Oil lamp
 - 1 Large sheet metal box for storing garments.
 - 1 Large canvas bag for bedding
 - 1 Small canvas bag for bedding
 - 4 Sugar tins for food
 - 1 Large folding chair with canvas back destroyed by rats.
 - 1 Small folding chair
 - 1 Large straw tick
 - 2 Cot mattresses
 - 3 Woolen blankets
 - 1 Extra large rabbit skin blanket
 - 2 Quilts in good condition
 - 5 Quilts very old.

(Contents of Refuge Hut continued)

- 3 Pillows
 - 1 Canvas water bag
 - 1 Box medical supplies
 - 1 Meat saw
 - 1 Short cross cut saw
 - 1 Ax
 - 1 Shovel
 - 1 Dish pan
 - 1 Coffee Pot
 - 1 Tea Pot
 - 3 Cooking pots
 - 1 Large pan
 - 2 Biscuit tins
 - 8 Plates
 - 4 cups
 - Knives, forks, spoons.
- Total Value \$ 350.00

2 Pack saddle trees and bags including two extra chinchas
 1 pair of bags and girth straps considerably eaten by
 rats. @ \$ 10.00 \$ 20.00

1 Saddle pad badly worn

1 Saddle blanket badly eaten by rats.

1 Set large saddle bags for hanging over riding saddle
 instead of pack saddle tree. Much repaired but good \$ 3.00

2 1/2 set pack irons. 10 pieces for transporting lumber by
 horse back. Excellent \$ 10.00

2 Canvas horse blankets Mt. Rose Slight repairs necessary
 @ \$ 6.00 \$ 12.00 Total \$ 1106.75

9 Miscellaneous Tools and Equipment at Reno except as indicated otherwise.

- 1 slotting tool for making snow samplers \$ 2.00
- 1 Pick Mt. Rose \$ 1.00
- 1 Sledge hammer \$ 2.00
- 1 Hammer Mt. Rose \$ 1.00
- 1 Stilson Wrench (large size) \$ 4.00
- 1 Wood plane Mt. Rose \$ 1.50
- 1 Hand saw Mt. Rose \$ 2.00
- 1 Pair of pliers Mt. Rose \$.75
- 1 Pair of tin shears Mt. Rose \$ 3.00
- 2 Small screw drivers \$.75

1 Screw driver	\$.50
1 Large pocket knife	\$ 1.00
2 Lanterns globes lacking	2.50
1 Ax	1.50
2 Pressed steel frying pans	2.00
1 Small tea kettle	1.00
1 Blue granite dish pan	1.25
1 Stew pan	.50
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Total	\$ 28.25

10. Office Furniture and Equipment (all at Reno unless otherwise noted)

1 Library table 32x72 in. Pine with leatherette top.	\$ 12.00
12 Letter files	6.00
1 Adjustable drawing table (24x32) iron supports	10.00
1 Letter press and stand with drawer	12.00
1 Al-Vista (Panoramic) Camera) Mt. Rose. Leather front eaten by mice	5.00
1 Blue print printing frame 15 3/4 x 19 home made	4.00
1 Set pine shelving painted (4 shelves 5 ft. long)	
1 Set " " " (3 " 9 1/2 ")	
	Value \$ 20.00
1 Set 4 large drawers each 4 ft. x 34" highth 5"	10.00
2 Double cabinets pine 3 ft x 30 in.	15.00
2 Pamphlet boxes badly broken	2.50
1 Letter tray wire mesh	.75
2 Large binders for meteorograph records @ \$ 2.00	4.00
6 Small binders for thermograph and Barograph sheets	3.00
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Total	\$ 104.25

11. Supplies

43 Meteorograph sheets Designed by S. P. Fergusson, printed by Heliotype Co. Reno	\$ 1.75
10 approx. Meteorograph sheets. Designed and printed as above. Tahoe	\$.50
7 Barograph sheets Reno	.35
Total	\$ <u>2.60</u>

Summary

1. Snow Sampling Outfits	\$ 2106.85
2. Evaporation Pans	117.00
3. Field Anemometers	60.00
4. Rain Gages	34.00
5. Meteorograph Stations and Equipment . .	1365.00
6. Equipment for Thermograph Stations . .	494.00
7. Auxiliary Instrumental Equipment . . .	730.50
8. Traveling and Shelter Equipment . . .	1106.75
9. Miscellaneous Tools and Equipment . . .	28.25
10 Office Furniture and Equipment	104.25
11 Supplies	<u>2.60</u>
Total	6154.20

Signed

In charge Nevada
Cooperative Snow Surveys.

Property List of the Department of
Meteorology

University of Nevada.

(To indicate apparatus offered for sale to the State of
California)

Schedule A - Snow Samplers.

(Mostly 20 gage cold drawn steel tubing; cutters
1 1/2 inch)

- 1 Sampler 1 3/4 in. x 27 ft. (Mt. Rose pattern)
4 sections (12 ft. 5 ft. 5 ft., 5 ft.) with
couplings and cutter.
- 1 Sampler 1 3/4 in. x 20 ft. Mt. Rose pattern)
3 sections (10 ft., 5 ft., 5 ft.) with
couplings and cutter.
- 1 Sampler 1 5/8 in. x 20 ft. (Mount Rose pattern)
3 sections (10 ft., 6 ft., 4 ft.) with couplings
and cutter. (Tubing 16 gage, very heavy, coup-
lings bind, cutter worn.)
- 1 Sampler 1 3/4 in. x 12 ft. (Mt. Rose pattern)
1 section with cutter.
- 1 Sampler 1 3/4 in. x 8 1/2 ft. (Mt. Rose pattern)
1 section with cutter (Tube cracked and ferule
missing. However, can probably be repaired for
light work).
- 1 Sampler 5 in. x 3 ft., with cutter 4 3/4 in. (Sheet Iron)
- 3 Aluminum spring balances with adjustable dials and
graduated to inches of water; with hooks.
- 3 Pelouze spring balances, capacity 25 lbs. by ounces;
with hooks. (One of above loaned to Canadian
Meteorological Service until spring balance
(Mt. Rose pattern) can be procured.
- 2 Staffs for holding balances.
- 2 Wrenches (1 aluminum, 1 steel)
- 3 Cleaning hooks,
- 2 files (half-round) for sharpening cutters.
- 2 Tape lines, badly worn
- 3 Extra cutters (1 needs tempering)
- 1 Steel core for repairing samplers
- 1 slotting tool.

Schedule B - Meteorographs, thermographs, thermometers, anemometers, etc.

1. Fergusson Meteorograph (recording humidity, temperature, pressure, wind velocity and direction in special heavy shelter. Period 6 weeks. At Mount Rose Observatory. Tools for making repairs, viz. pliers, wrenches, screw-drivers, etc.
2. Fergusson Meteorographs similar to above except that period is only 1 week, with special heavy shelters.
3. Richard Barographs (standard model).
- 2 Mercurial Barometers (U.S.W.B. pattern)
- 1 Hygro-thermograph with special fly case. Period 30 days but time scale very narrow. With shelter.
- 4 Richard Thermographs (-30° to 120°F.) with shelters, and dry bulb thermometers (Green) for purposes of checking.
- 7 Richard Thermographs (small model 0° to 100°F.) with shelters and dry bulb thermometers (Green) for checking. (1 has defective pen arm which can easily be replaced)
- 1 Set of Maximum-minimum Thermometers (Green) with shelter.
- 1 Snow Thermograph (Fergusson special)
- 1 Precise Thermometer (Green) for testing others.
- 3 Dry bulb Thermometers (Green) (2 mounted, 1 unmounted)
- 2 Sling Psychrometers (Green).
- 1 Set Maximum-minimum Thermometer (centigrade).
- 3 Six's Maximum-minimum Thermometers.
- 1 Standard Anemometer (U.S.W.B. pattern)
- 4 Field Anemometer (Fergusson) with large cups (10,000 kilometers)
- 3 Field Anemometers (Fergusson) with small cups (10,000 kilometers)
- 1 Hand air-meter.
- 1 Anemograph (Nigretti & Zambra)
- 2 Standard Raingages (U.S.W.B. pattern) 2/3 height; 1 defective.
- 1 Special Raingage (small capacity).

- 1 Snow Can (1 ft. deep x 15 in. diam.)
- 1 Snow Can 3 ft. x 15 in. diam.
- 3 Extra clock drums (thermograph size).
- 1 Drawing board for ruling long meteorograph sheets.

Schedule C - Evaporation Pans, Snow Markers, etc.

- 29 Snow evaporation Pans 6 in. deep x 15 in. diam.
- 12 False bottoms
- 14 Canvas hoods
- 6 Snow evaporation pans 6 in. deep x 10 $\frac{1}{2}$ in. diam.
- 2 Cutters 15 in. diam.
- 1 Cutter 10 $\frac{1}{2}$ in. diam.
- 200 Snow Markers and Pan supports 1 in. x 1 in. x 10 ft. much worn and broken.
- 2 Tree pans (screens 15 in. diam. and pendant catch pans)
- 2 Ice pans 2 in. x 15 in. diam.

Purchased by private funds, but included:

- 1 Water evaporation Pan 10 in. deep x 3 ft. diam.
- 1 Water evaporation Pan 10 in. deep x 3 ft. 2 in. diam.
- 1 Water evaporation Pan 10 in. deep x 4 ft. diam.
- 1 Water evaporation Pan 10 in. deep x 4 ft. 1 in. diam.

Schedule D - Camps, Traveling Outfits, etc.

- 1 Sandbag hut at Contact Pass (9000 ft.) on Mount Rose, containing:
 - (a) 1 sheet-iron stove and Primus lamp, cooking utensils and dishes.
 - (b) Bedding for three persons, including 1 large rabbit blanket.
 - (c) 1 lamp and 1 lantern
 - (d) 1 cross-cut saw, ax, and shovel.
 - (e) Small remnant of provisions mostly De-hydro products.

- 1 Observatory building on summit of Mount Rose (10,800 ft.) and tool box, both made of lumber covered with Malthoid roofing. Contents:
 - (a) 2 beds with 2 mattresses, 2 rabbit sleeping bags, and scanty bedding.
 - (b) 1 stove and 2 Primus lamps with cooking utensils and dishes.
 - (c) 1 Oil lamp, 1 acetylene lantern, 1 flash light.
 - (d) Small remnant of fuel and oil.
- 1 Camp Outfit at Mount rose Ranch, containing:
 - (a) 1 tick and 1 single mattress, bedding for three persons.
 - (b) Dishes and remnant of provisions.
 - (c) 2 lanterns
 - (d) 2 pack outfits (saddle-trees and bags) and set saddle bags, including saddle pads, 1 lasso rope 2 heavy canvas blankets.
- 1 "Silk" tent and 2 Kenyon sleeping bag covers.
- 4 Pairs "Canadian" snowshoes (2 badly worn)
- 4 Pairs Ski and 1 heavy ski pole.
- 3 Pairs Rubbers and 4 pair knee stockings (2 pair rubbers much worn)
- 3 Pairs amber goggles.
- 3 Face masks.
- 2 Caps.
- 2 Pair fleece-lined mittens (badly worn).
- 2 Pair woolen mittens (thin.)
- 1 Aneroid barometer (capacity 20,000 ft. altitude)
- 1 Night-marching compass (but dial not visible in darkness)
- 1 Heavy pocket knife.
- 1 Camp ax.
- 1 Canteen with lunch-outfit for one (Gift to Mt. Rose Observatory, but included)
- 1 Al-Vista camera, without tripod.
- 1 Motor boat ("Skidoo") consisting of cedar hull 15 ft over all, 4 ft. beam decked fore and aft, with spray-hood; but rudder broken and engine dismantled.

Schedule E. Office Fixtures

- 2 Small pine cabinets for negatives and record sheets
- 1 set 4 large drawers
- 1 small pine table
- 1 set pine shelving
- 1 drawing stand
- 1 fiber rug
- 1 letter press.

Total Price \$500.00

Reno, Nevada

September 23, 1918.

PROPERTY LIST

(Items and Location)
under General Charge of J.E.Church Jr.

1. At Lake Tahoe (at U.S.Reclamation Service Headquarters, Tahoe City,
in charge of Arthur L. Smith)
 - A. 2 Snow Sampler Outfits (Nos.1 and 3)
 - 1 Snow Sampler 1 3/4" X 8 1/2' - cracked,
 - 1 Snow Sampler 5" X 3' - Sheet-iron
 - ~~3 Extra cutters (1 needs tempering)~~
 - B. 1 Meteorograph (Fergusson) and shelter with auxiliary anemo-
meter (Observatory Point)
 - 1 Small thermograph (Richard) with thermometer (Green) and
shelter (^{Tahoe} Tavern Forest) (at Tahoe Tavern)
 - 1 Richard Barograph
 - 1 Snow Thermograph
 - 3 Dry bulb thermometers (Green), 2 mounted and 1 unmounted
 - 3 Six's max-min, thermometers
 - 1 Sling Psychrometer (Green)
 - 4 Field anemometers (Fergusson)
 - 1 Snow can 1 ft. X 15 in.
 - 1 Snow can 3 ft. X 15 in.
 - ~~1 Board and pen for ruling long meteorograph record sheets.~~
 - C. 20 Snow evaporation pans 6 in. x 15 in. diameter
 - 12 False bottoms
 - 12 Canvas hoods
 - 6 Small snow evaporation pans 6 in. x 10 1/2 in. diameter
 - 1 Cutter 15 in. diameter
 - 1 " 10 1/2 in. "200 Snow markers and supports for pans, 1" X 10', much worn and
broken
 - 2 Tree snow evaporation pans 15 in. diameter
 - 2 Ice evaporation pans 2 in. x 15 in. diameter
 - 1 Water evaporation pan 10 in. x 3 ft. diameter
 - 1 " " " 10 in. x 3' 1" diameter
 - 1 " " " 10 in. x 4 ft. "
 - 1 " " " 10 in. x 4' 1" "
 - D. 2 Sleeping bag covers (Kenyon)
 - 1 Pr. "Canadian" snowshoes
 - 2 Prs. Ski
 - 1 Night marching compass
 - 1 Motor boat hull with dismantled engine
2. AT MOUNT ROSE OBSERVATORY, Office, and Camps.
(Reno, Nevada, in charge of J.E.Church Jr.)
 - A. 2 Snow sampler outfits (Nos. 1 and 5)
 - 1 Snow sampler 1 5/8" x 20' (3 sec.) 16 gage, very heavy
 - 1 Steel core for repairing samplers
 - 1 Slotting tool

Property List---- 2

- B. 1 Meteorograph (Fergusson) with shelter. Period 7 weeks
1 Small shelter (Max-Min.thermometers loaned by U.S.W.B.)
1 Thermo-hygrograph with special fly case (Shelter belongs to U.S.W.B.)
1 Set max-min-thermometer (Green) with shelter
2 Barographs (Richard)
2 Mercurial barometers (U.S.W.B. pattern)
1 Precise standard thermometer (Green)
1 Sling psychrometer
1 set max-min.thermometer (Centigrade)
3 Field anemometers (Fergusson) with small cups
Q Hand air-meter
1 Anemograph (Nigretti & Zambra)
1 Standard rain gage (U.S.W.B. pattern)
2 Special rain gages (small capacity)
3 Extra clock drums (thermograph size)

- D. 1 Sand-bag hut at Contact Pass (9000 feet on Mt.Rose) with equip-
ment
1 Observatory building on summit of Mt.Rose (10,800 feet) "
Bedding,dishes,lanterns,at Mt.Rose Ranch
2 Pack outfits
1 Set saddle-bags
? - 1 Lasso rope
2 Canvas horse blankets
1 "Silk" tent
3 Prs."Canadian"snowshoes (2 badly worn)
2 Prs.Ski and 1 heavy ski pole
3 Prs.rubbers and 4 prs.Knee stockings (2 Prs rubbers much worn)
- 3 Prs.amber goggles
3 Face masks (knit helmets)
2 Caps
2 Prs.fleece-lined mittens (badly worn)
2 Prs.woolen mittens (badly worn)
1 Aneroid barometer (20,000 ft,altitude)
1 Heavy pocket knife
1 Camp ax
1 Canteen and lunch outfit
1 Al-Vesta camera

3. AT BLUE LAKES (in charge of W.S.Coyan)

- 1 Snow sampler outfit (No.4)

4

Formed at

4. FALLON, Nevada (in charge of F.B.HEADLEY, Experiment Farm, Truckee-Car-
son Project) *but now collected at Reno for use in*
1 Meteorograph (Fergusson) and shelter *mountain*
4 Large thermographs (Richard) with shelter and dry bulb thermo-
meter (Green) each, at (1) Island, (2) Stillwater, (3) Hazen
Bench, and (4) Pyramid Lake
1 Small thermograph (Richard) at Argo Ranch near Fernley

Property List--3

5. TRUCKEE Meadows and Adjacent

- 5 Small thermographs with
~~3~~ 1 dry bulb thermometer (Green) and
~~5~~ 1 shelter each at following ranches:
- (1) James Callahan, Galena Creek
 - (2) Frank Pecetti, near Huffakers
 - (3) Mrs. Mamie Dickey, at Glendale
 - (4) T.E. Harris, Alum Creek
 - (5) Wm. Snare, west of Reno
 - (6) 1 Empty shelter at Clow's Ranch

Price Paid \$500.00

- ADDITIONS -

	Cost
8 Sets of snow samplers 230-268 in. long (3 sections each) with accessories as follows: 8 spring balances, 8 staffs, 8 spanner wrenches, 8 metallic cloth tapes (50-100 ft. each), 8 driving wrenches, 8 cleaning hooks.	\$ 1255.81
6 Sets of snow samplers 214-312 in. long (3 sections each) without accessories.	
2 snow samplers 42-46 in. long (1 section each)	\$ 266.79
3 sampler cases	\$ 80.00
4 Extra milled cutters (but two lost in snow during last snow survey, but may be found)	\$ 43.49

Of above, 1 complete set each is at Fordyce Lake, Summit Station, Marlette Lake, Bridgeport, Sacramento (Department of Public Works), remainder are at Reno.

TOTAL \$ 1646.09

Grand Total \$ 2146.09

July 19, 1922.

Dear Mr. Bailey:

The memorandum on which we had prepared Mr. Brown's Payroll had been returned temporarily to Grass Valley. So we have been delayed two or three days in getting it back and preparing the inclosed detail of hours. Since the power company here is using its wide carriage type-writer in emergency work, I am sending a copy of Mr. Brown's memorandum in place of the usual form. The failure to insert the hours per day was my fault. At least, I did not make it plain to the typist.

I have endeavored to make up a property list for your inventory by revising the original property list and making additions. If you desire, I will plan during the coming year to make a complete new inventory.

The bill for collecting the shelters at Reno has finally reached Mr. Beardman and ^{been} returned with his signature. It is hereby inclosed.

Another delay impends in the preparation of the report. Mr. Brown has just been promoted to the position of Assistant Purchasing Agent in the Metals Exploration Company for which he is working. This will require his moving to San Francisco and seeking a home. However, he will make the delay as short as possible. He hopes to complete the typing of the MS as far as the appendix by the end of the month.

Very sincerely,

Property List

[Items and Location]
under General Charge of J. K. Church Jr

1. At Lake Tahoe [at U.S. Reclamation Service
Tahoe City,
Headquarters, in charge of Arthur L. Smith].

[Ferguson]

B. 1. Meteorograph and shelter with auxiliary
anemometer [Observatory Point].

1. Small ^{Richard} thermograph ^{with thermometer (Green)} and shelter [Tanem Forest]

A. 2. ^{Snow} Sampler outfits [Nos. 1 and 3]

1 ^{Snow} Sampler 13 1/4" x 8 1/2" - Cracked,

1 ^{Snow} Sampler 5" x 3" - Sheet-iron

3 ^{Ice} cutters (1 needs tempering).

1 Richard Barograph

1 Snow Thermograph.

3 Drybulb thermometers [Green], 2 mounted

3 Six's and 1 unmounted
Six's max-min. thermometers

1 Sling Psychrometer [Green]

4 Field anemometers [Ferguson].

1 Snow can 1 ft. x 15 in.

1 Snow can 3 ft x 15 in.

1 Board and pen for ruling long ^{record sheets} meteorograph

C. 29 Snow evaporation pans 6 in. x 15 in. diam

12 False bottoms

14 Canvas hoods

6 Small snow evaporation pans
6 in x 10 1/2 in. diam

Property List - 2 -

1 Cutter 15 in. diam.

1 Cutter 10½ in. diam.

200 Snow markers and supports for pans,
1" x 1" x 10', mesh wire and boxes.

2 Tree snow evaporation pans
15 in. diam.

2 Ice evaporation pans
2 in x 15 in. diam.

1 Water evaporation pan 10 in x 3 ft. diam.

1 " " " 10 in. x 3'1" diam.

1 " " " 10 in x 4 ft. diam.

1 " " " 10 in x 4'1" diam.

D. 2 sleeping bag covers [Kenyan].

1 Pr. "Canadian" snowshoes.

2 Prs. Ski.

1 Night marching compass.

1 motor boat hull with dismantled
engine.

Property list - - 3 -

2. At Mount Rose Observatory, ^{Office,} and Camps.
[Reno, Nevada in charge of J. E. Chuvpoff]

- A-
- 2 Snow sampler outfits [Nos. 1 and 5].
 - 1 Snow sampler 17 1/8" x 20" ^(3.25) 1/4" 16 gage, very heavy.
 - 1 Steel case for repairing samplers.
 - 1 Stalling tool.
- B.
- 1 ~~Fog~~ Meteorograph [Ferguson] with shelter. Period 7 weeks.
 - 1 Small shelter [Max + Min. thermometers loaned by U.S.W.B].
 - 1 Thermo-hygrograph ^{with special fly case} [shelter belongs to U.S.W.B].
 - 1 Set Max-Min. Therm. [Green] with shelter.
 - 2 Barographs [Richard].
 - 2 Mercurial barometers [U.S.W.B. pattern].
 - 1 Precise standard thermometer [Green].
 - 1 Sling psychrometer
 - 1 Set max-min. therm. [Centigrade]

Property List -4-

- 3 Field anemometers [Ferguson] with small cups
- 1 Hand air-meter
- 1 anemograph (Vigretti & Zambra)
- 1 Standard rain gage (~~1/2 height of~~ U.S.W.B. pattern)
- 2 Special rain gages (small capacity).
- 3 Extra clock drums (thermograph size).

9. D. 1 Sand-bag hut at Contact Pass (9000 feet on Mt Rose) with equipment.

1 Observatory building on summit of Mt Rose (10,800 feet). with equipment.

Bedding, dishes, lanterns, at Mt Rose Ranch

- 2 Pack outfits.
- 1 Set Saddle-bags
- 1 Sassaoo rope
- 2 Canvas horse blankets.
- 1 "Silk" tent.

Property List - 5 -

- 3 Pairs "Canadian" snowshoes (2 badly worn)
 - 2 Pairs ski and 1 heavy ski pole
 - 3 Pairs rubbers and 4 pairs knee stockings
(2 pairs rubbers much worn).
 - 3 Pairs amber goggles.
 - 3 Face masks (knit helmets)
 - 2 Caps.
 - 2 Pairs fleece-lined mittens (badly worn).
 - 2 Pairs woollen mittens (badly worn)
 - 1 aneroid barometer (20,000 ft. altitude).
 - 1 Heavy pocket knife.
 - 1 Camp ax.
 - 1 Canteen and lunch outfit.
 - 1 Al-Vesta camera.
3. at Blue Lakes [in charge of W. S. Cayan].
- 1 Snow sampler outfit [No. 4].

Property List - 6 -

4. Fallon, ^{Nevada} [in charge of F. B. Headley, Experiment Farm, Truckee-Carson Project]

- 1 Meteorograph ^(Ferguson) and shelter
- 4 Large thermographs (Richard) with shelter and dry bulb thermometer ^(Green) each, at (1) Island, (2) Stillwater, (3) Hazen Bench, and (4) Pyramid Lake.
- 1 Small thermograph (Richard) at Argo Ranch near Tenley.

~~5. Galena Creek [in charge James Callahan]~~
~~1 Small thermograph (Richard) with dry bulb~~

5. ~~Truckee Meadows and adjacent, as follows~~
5 Small thermograph ~~with~~ with
1 dry bulb thermometer (Green) and
1 shelter each at following ranches:

- (1) James Callahan, Galena Creek.
- (2) Frank Pecetti, near Huffakers.
- (3) Mrs. Mamie Slickey, at Glendale.
- (4) J. E. Harris, Alum Creek.
- (5) Mr. Swane, west of Reno.
- (6) 1 Empty shelter at Clow's Ranch.

S U M M A R Y
O F
INVENTORY OF DEPARTMENT OF METEOROLOGY

-oOo-

Postage and Stationery	- - - - -	\$ 21.00
Heat, Light, Water & Power	- - - - -	6.75
Seeds, Plants & Sundry Sullpies	- - -	728.15
Library	- - - - -	646.00
Tools, Machinery, and Appliances	- - -	1,945.75
Furniture & Fixtures	- - - - -	361.75
Scientific Apparatus & Specimens	- - -	4,952.00
Buildings & Land	- - - - -	<u>1,256.00</u>
Total	- - - - -	<u><u>\$9,917.40</u></u>

I N V E N T O R Y
OF
DEPARTMENT OF METEOROLOGY

-oOo-

POSTAGE AND STATIONERY

1 Lot Stationery - - - - -	\$	12.00	
Pens, Pencils & Ink - - - - -		5.50	
T Square - - - - -		1.00	
Slide Rule - - - - -		2.50	
Total - - -			\$ 21.00

HEAT, LIGHT, WATER & POWER

5 Gals. Kerosene, - - - - -	\$	1.75	
Oil - - - - -		5.00	
Total - - -			\$ 6.75

SEEDS, PLANTS & SUNDRY SUPPLIES

3 Prs. Rubber Shoes - - - - -	\$	7.75	
Felt Boots - - - - -		5.00	
9 Prs. White Woolen Socks - - -		4.50	
Arctic Socks - - - - -		2.00	
4 Prs. German Socks - - - - -		4.00	
1 Pr. Light Cotton Socks - - -		.25	
1 Pr. Oilskin Trousers - - - - -		2.50	
1 " Khaki Trousers - - - - -		1.00	
1 " Overalls - - - - -		1.50	
Heavy Canvass Coats - - - - -		16.00	
1 Coat - - - - -		4.00	
2 Sweaters - - - - -		4.50	
3 Woolen Masks - - - - -		5.50	
1 Heavy Cap - - - - -		.75	
1 Woolen Shirt - - - - -		1.00	
2 Prs. Fleece Lined Mittens - -		3.00	
1 Ankle Supporter - - - - -		.75	
# Arctic Clothing - - - - -		15.00	
1 Pr. Bavarian Snow Shoes - - -		2.50	
2 Prs. Canadian Snow Shoes - - -		15.00	
+ Snow Shoes and Skis - - - - -		33.50	
1 Canvass Horse Blanket - - - -		6.00	
* Bedding - - - - -		107.00	
1 Straw Tick - - - - -		2.50	
1 Single Mattress - - - - -		1.50	
1 Blanket - - - - -		2.00	
Forward - - -		\$249.00	\$249.00

+ Snow Shoes (\$10.00) J.E.Church
Property of J.E.Church
* Bedding (\$15.00) Property of J.E.Church

2- Inventory of Department of Meteorology

Continu. SEEDS, PLANTS & SUNDRY SUPPLIES

	Forward-	\$249.00
2 Pillows - - - - -		\$ 2.00
5 Quilts - - - - -		12.00
2 Kenwood Sleeping Bags - - - - -		20.00
2 Cloth Screens - - - - -		5.00
Photographs - - - - -		10.00
Photographic Negatives - - - - -		25.00
2 Flash Lamps - - - - -		2.00
1 Silk Tent - - - - -		20.00
Batteries and Materials - - - - -		30.00
Mechanism for Baxendell Anemoscope		35.00
4 clock drums for Richard instrus.		60.00
+ Parts of Instruments, gears, materials, etc., - - - - -		25.00
Parts for 2 instruments for obtain- ing temperatures in snow - - - - -		10.00
Materials for repair of instrus.-		25.00
Parts for instruments - - - - -		25.00
1 Broom - - - - -		.40
Towels - - - - -		1.00
200# Coal - - - - -		1.50
1/3 Load Blocks - - - - -		2.00
2 1/2 bales hay - - - - -		5.00
1 sack grain - - - - -		1.75
Dishes - - - - -		1.50
Provisions and Food - - - - -		80.00
Canned Goods & Supplies - - - - -		35.00
1 Pack Outfit - - - - -		10.00
Kitchenware - - - - -		15.00
Paints, Oils, Varnishes & Brushes		20.00
Total - - -		<u>\$728.15</u>

LIBRARY

100 Vols. Annual Reports C.S.O. & U.S. Weather Bureau - - - - -	\$150.00
100 Vols. Technical Works, Treatises, etc., - - - - -	200.00
500 Technical Pamphlets - - - - -	200.00
1 Set Exploration Record 1907-12	10.00
250 Experiment Station Pamphlets-	25.00
2 Sets Am. Meteor Journal, 13 yrs.	25.00
12 Vols. Annals Harvard Observa.	20.00
5 yrs. Records from Mt. Rose - -	.....
3 " " " Base Stations	.....
Books - - - - -	10.00
Bound Weather Maps - - - - -	6.00
Total - - -	<u>\$646.00</u>

+ Property of S.P. Ferguson.

3- Inventory of Department of Meteorology

TOOLS, MACHINERY & APPLIANCES

	1 Motor Boat, - - - - -	\$ 200.00
	1-35' Cabin Cruiser - - - - -	1,500.00
	10 Iron Castings for New Instrus.	12.00
	1 Lot Pipe Fittings - - - - -	8.00
	1 " Aluminum Castings - - - - -	8.50
	Sheet Aluminum - - - - -	3.50
	Screw Driver, Wrenches, Chisel, 2 Files, 4 Drills, 2 Pliers, Brace Bit Stock, Hammers, 4 Axes, Bucksaw, Handsaw, Nails, Screws, Bolts - - - - -	25.50
	2 cross cut saws - - - - -	7.50
	1 Lot Saw - - - - -	2.50
	3 Sets Pack Irons - - - - -	12.00
***	Taps and Dies - - - - -	45.00
++	2 Lathe Chucks - - - - -	20.00
++	2 Hand Drills - - - - -	3.00
++	3 Sets Twist Drills - - - - -	25.00
++	Steel Clamps - - - - -	2.50
++	15 Special Hand Tools - - - - -	15.00
	1 Set Drawers for Tools - - - - -	10.00
	Tool Box - - - - -	45.00
	Soldering Outfit - - - - -	.75
	Total - - - - -	<u>\$1,945.75</u>

FURNITURE & FIXTURES

+++	1 Flat Top Desk - - - - -	\$ 15.00
+	1 Roll Top Desk - - - - -	30.00
#	1 Glass Top Desk - - - - -	15.00
	1 Office Table - - - - -	12.00
*	1 Copy Press & Stand - - - - -	12.00
+	1 Typewriter & Desk - - - - -	100.00
	1 Large Cabinet - - - - -	20.00
**	5 small cabinets - - - - -	29.00
	3 Chairs - - - - -	15.00
#	2 Swivel Chairs - - - - -	8.00
	1 Rev. Book Case - - - - -	10.00
	1 High Work Bench - - - - -	10.00
	1 Rug - - - - -	10.00
	1 Set Large Drawers - - - - -	5.00
	Shelving for Books, 150' - - - - -	16.00
	12 Letter Files - - - - -	4.00
	Drawing Board - - - - -	1.75
	Forward	<u>\$312.75</u>
+	Loaned by Prof. Lewers	
#	" " Dept. of Biology	
**	" " Library	
***	" " English Dept., 2 of these.	
***	Property of S.P. Ferguson	
++	" " " "	
+++	Dept. of Latin	

4- Inventory of Department of Meteorology

Continu. FURNITURE & FIXTURES

	Forward - - - - -	\$312.75	
1 Base with 3 Drawers & Repairs			
to Shelving - - - - -		\$ 20.00	
1 Oil Range - - - - -		12.00	
Lamps, Lanterns & Stoves - - - - -		17.00	
	Total - - -		\$361.75

SCIENTIFIC APPARATUS & SPECIMENS

*4	Cameras - - - - -	\$300.00
4	Mercurial Barometers - - - - -	175.00
2	Aneroid Barometers - - - - -	65.00
1	Aneroid Barograph - - - - -	40.00
1	Barograph - - - - -	40.00
1	Biram Air Meter - - - - -	20.00
1	Snow Gauge - - - - -	6.00
# 4	Rain Gauges & Sticks - - - - -	23.00
+ 1	Special Thermograph - - - - -	55.00
16	Thermographs - - - - -	360.00
1	Nephoscope - - - - -	12.00
4	Small Kites - - - - -	80.00
	Extra Kite Sticks - - - - -	15.00
3	Compasses - - - - -	6.00
6	Snow Samplers & Scale - - - - -	60.00
	Leather Cases for Barometers - - - - -	36.00
2	Six'o Thermometers - - - - -	8.00
1	Standard Thermometer - - - - -	25.00
## 33	Thermometers - - - - -	101.50
12	Mercurial Thermometers - - - - -	30.00
1	Electrical Clock - - - - -	20.00
4	Reserve Clocks - - - - -	16.00
1	Kite Meteorgraph - - - - -	75.00
1	Lot Small Tubes - - - - -	3.00
4	Large Brass Tubes - - - - -	15.00
1	Lot Aluminum Tubes - - - - -	3.50
4	Aluminum Hand Anemometers - - - - -	60.00
2	Anemometers - - - - -	50.00
3	Hand Anemometers - - - - -	60.00
2	Sunshine Recorders - - - - -	30.00
6	Sets Evaporation Instruments - - - - -	25.00
800	Wooden Snow Markers - - - - -	12.00
1000	Snow Markers - - - - -	20.00
1	Precipitation Tank - - - - -	150.00
	Pump for Tank - - - - -	7.00
++ 3	Thermo-hygrographs - - - - -	160.00
1	Double Anemometer Register - - - - -	70.00
1	Whirling Apparatus - - - - -	13.00
	Forward	\$2247.00

* Property of S.P.Ferguson
 # 1 Rain Gauge & Sticks loaned by U.S.W.B.
 ## loaned by U.S.W.B.
 * 1 Camera loaned by J.E.Church
 ++ 2 thermo-hygrographs of S.P.Ferguson.

5- Inventory of Department of Meteorology

Continu. SCIENTIFIC APPARATUS & SPECIMENS

	Forward - - - - -	\$2,247.00	
	3 Large Meteorographs - - - - -	\$1,380.00	
†	1 Kite Thermograph - - - - -	30.00	
	1 Chronometer - - - - -	250.00	
	1 Astronomical Clock - - - - -	200.00	
	3 Special Spring Scales - - - - -	60.00	
+	Recording Anemoscope & D. Anemometer-	300.00	
	20 Evaporation Pans 15" dia. with hoods	45.00	
+	Cyclostyle Apparatus - - - - -	15.00	
+	Pole Star Recorder - - - - -	75.00	
	1 Standard Clock - - - - -	100.00	
†	Other Scientific Apparatus & Papers -	250.00	
	Total - - - - -		\$4,952.00

BUILDINGS & LAND

	3 Shelters for Meteorographs - - - - -	\$ 60.00	
	Observatory Building - - - - -	500.00	
	2 Shelters for Thermometers - - - - -	40.00	
#	1 Instrument Shelter - - - - -	16.00	
	2 Huts, for refuge, built of sand bags	400.00	
	16 Shelters - - - - -	240.00	
	Total - - - - -		\$1,256.00

#loaned by U.S.W.B.
 †loaned by S.P.Ferguson.

1. Snow Sampling Outfits	1346	760.85	
		<hr/>	
2. Europ. Pass		2106.85	✓
		117.00	✓
3. Field Anem.		60.00	✓
4. Rain Gages		36.00	✓
5. Met. Stations + Equip.		1365.00	✓
6. Equip. for Therm. Stations		494.00	✓
7. Aut. Instr. Equip.		730.50	✓
8. Trav. + Shelter		1106.75	✓
9. Misc. Tools + Equip.		28.25	✓
10. Office Furn.		104.25	
11. Supplies		2.60	

{ Serial Numbers
 { Cereal Numbers

Nevada Cooperative Snow Survey Plan
receives further Recognition.

The Southern Sierras now joined to the Central
in one continuous Snow Survey System.

WELLS
BOND

INVENTORY OF SNOW SURVEY

Equipment at Bridgeport, Calif. . . .

	No. on Sampler	Number of Sections	Total Length (Inches)	Condition
SNOW SAMPLER	C 4	3	241	Good

	Kind	Condition
PACKING CASE	Wood.	... Good ...

	Description
CARRYING STRAPS	Leather Straps.....

	Condition
LEATHER BOOT FOR CUTTER END OF SAMPLER	.. Good

	No. on Balance	Condition
SPRING BALANCE	.. 19 .....	... Good

	With or Without Ski Button	Condition
SAMPLER STAFF	..... With .....	... Good

	Condition
DRIVING WRENCH	.. Good

	Number of wrenches	Condition
SPANNER WRENCHES	.. One .....	.. Good

	Condition
CUTTER IN SAMPLER	. Poor.....

	Number on Hand	Milled or Plain?	Condition
EXTRA CUTTERS	... One.....	Milled..	. Good.....

	Condition
CLEANING HOOK	. Good.....

	Length	maker	Condition
Tape Line	... 50.....	Lufkin.....	. Good.....

	Amount on Hand (Pints)	Condition
SHELLAC	... One.....	. Good.....

OTHER EQUIPMENT - *none*

*James E. Suley,
C. W. Sulten
now Surveyor*

Dr Church.

Campus Sept. 25-22.

The following is a list of costs of
tube sampler parts.

Slotting, marking & polishing ^{4 shells} tube	\$35	Per ft.
Fitting, & attaching couplings	2.00	each.
Fitting cutters	.25	"
Fitting top hand ring	.25	"
<hr/>		
Threading & shellac staffs	.20	Each
Staff buttons	.75	"
Tube wrench.	6.00	"
Cleaners. (complete)	.25	"
Core plugs. (Complete)	.75	"
Spanner wrench, fitting only.	.10	"

I suggest that you do not forget to
add the cost of the material. I

Tube.

Couplings.

Cutters

Stuffs (Blacksmith work etc)

Staff buttons " " "

Staff snaps. & " " "

Tube wrench castings

Cost of pipe handles for same. 10¢ for each wrench.

Filers & handles.

Making of spanners.

Extra shells if any.

Boxes.

Tap wrench. \$5.50 each for 50 ft.
(6.50) " 100 ft.

Yours truly
A. Preston,

University Values

3	woolen face masks	\$5.50
1	cap	.75
1	ankle supporter	.75
1	straw Tick	2.50
1	Single Mattress	1.50
2	Kenwood Cameras	20.00
1	Silk Tent	20.00

Mechanism for Baxendell Anemoscope 35.00

4	clock dresses	}	60.00
4	resene clocks		16.00
	Dishes		1.50
	Kitchenware		15.00
1	Pack Outfit		10.00

Water boat 200.00 Offered for \$25.00

2 Cross-cut saws 7.50

Tool bag 45.00

Soldering Outfit .75

Office Table 12.00

Copy Press & Stand 12.00

1 Rug - - - - 10.00 (Now \$5.00)

1 Set Large Drawers 5.00

Shelving - - - 16.00

12 Letter Filer 4.00

1 Oil range - - - 12.00

Lamps, lanterns & stoves 17.00

University Values - Page 2,

4 Merc. barometers	} \$175.00	
Leather cases for barometers		36.00
2 Aneroid Barometers		65.00
	(Barographs)	
1 " Barograph - - -		40.00
1 " " - - -		40.00
1 Ocean Air Meter - - -		20.00
3 Rain Gauges		18.00
16 Thermogs - - - -	360.00	22.50
3 Comparers - - - -	6.00	
2 Sixs Thermos - - - -	8.00	
1 Standard Therm. . . .	25.00	
12 Merc.	30.00	
33 Thermometers	101.50	
4 Aluminium Hand Anemometers	60.00	
2 anemometers - - - -	50.00	
3 Hand anemometers - . .	60.00	
2 Sunshine Recorders - - - -	30.00	
6 sets Evap. Dists - - - -	25.00	
800 Wooden Snow Markers - - - -	12.00	
1 Precip. Tank - - - -	150.00	
1 Thermo-hygrograph - - -	50.00	
1 Double Anemometer Register - -	70.00	
3 Large Meteorographs - - -	\$1380.00	
3 Spring Balances - - -	60.00	
20 Evap. Pans 15" with hands	45.00	
1 Standard Clock - - - -	100.00	

— University Values — Page 3.

3 Meteorology Shelters - - -	60.00
Observ. Bldg - - -	500.00
2 Therm. Shelters - - -	40.00
2 Huts for Refuge - - -	400.00
16 Shelters - - -	240.00

15

3 Staffs $\left\{ \begin{array}{l} 1.00 + .22 + 2.50 = 3.75 + 75¢ + 20¢ \\ \hline \underline{\$4.70} \end{array} \right.$

Spanner Wrenches $\frac{40¢}{10}$

Tapes $\begin{array}{l} 5 \text{ @ } 5.00 \\ 30 \text{ @ } 5.50 \\ \hline 50 \text{ ft } 5.00 \quad 100 \text{ ft } 5.50 \end{array}$

Sampler Boxes $\$30.00$

Driving Wrenches $\textcircled{1} 7.50$

Steel Cases 75¢

8 Files 60¢ - 75¢

3. ~~Resitzger~~ Metallic Tapes @ 5.50 $\$16.50$

	Sixty - 50ft Tapes	\$5.00	each
	Wittgen - 100ft "	5.50	"
	{ Swivel Hooks - 15¢		"
	{ Remodeling Hooks - 7¢		"
Making	Spanner Wrenches	40¢	"
"	{ Staffs with Snaps - - - 75¢		"
"	{ Staffs + buttons \$2.50		"
"	{ Poles for Staffs 1.00		"
"	{ Threading + shimming staffs 20¢		"
	Milled Cutters	\$12.00	"
	Sampler Baste	\$1.75	"
	Sampler Straps	\$3.75	"
	Couplings	\$11.50	" Expensive 10¢ each
	Plain Cutters	\$6.50	"
	Sampler Boxes	\$28.00 ^{30.00} ?	"
Making	Castings for Driving Wrenches	\$1.50	per pair
"	Driving Wrenches	\$6.00	each
"	Steel Cores	75¢	"
"	File Handles (fine)	20¢	"
"	" " (Hard) - -	15¢	"
"	Cleaners	75¢	"
	Waterproof Knapsacks	\$5.00	"
	{ Files (without handles)	40¢	"
	{ " 1/2 round	55¢	"
	Blue Prints of Sampler Directions	15¢	"
	Stalling, mowing, & polishing tubes	\$1.35	per ft.
	Fitting Couplings	\$2.00	each.
	" Cutters	25¢	"
	" Top Ring	25¢	"
	Tubing	25.8¢	per foot + freight
	Freight	\$1.50?	per sampler

Spring Balances \$28.⁰⁰ as made by S.P.F.
Shellac \$1.⁴⁵ per pint.

Nevada's share -

(2 lengths)

3 samplers, Nos. 10, 11, 17

3 wrenches

3 cleaners

3 spanners

3 poles

3 buttons

3 plug cores

4 milled cutters

2 plain cutters

Or Total for samplers + extra

5 milled cutters

3 plain "

California

First set
Sampler

C 4, 3, 2, 5, 6, 7, 8, 9

6 cleaners

8 Driving Wrenches

See list 3 "

Sampler No. 12, C 1, 1 piece 43"

1 piece 46", 13, 14, 15, 16,

8 buttons

8 staffs

8 spanners

12 cleaners

3 core plugs

6 cleaners + 6 + 12

8 wrenches + 3

8 buttons 20/7

8 staffs

8 spanners

~~12~~

3 Core plugs 2125

6 Driving Wrenches + 6

6 Cleaners + 6

3 cores + 3

8 steps + buttons @ $4.70 = 37.60$
 8 spinner wrenches @ $1.00 = 8.00$
 ? 9 11. Driving wrenches @ $7.50 = 67.50$
 18 cleaners @ $25¢ = 4.50$
 3 Core plugs @ $75¢ = 2.25$
 3 Packing Cases @ $30.00 = 80.00$
 8 files @ $50¢ = 4.00$
 1 Set straps @ $5.00 = 5.00$
 3 Metallic Tapes 100 ft (Nitzgen) @ $5.50 = 16.50$
 5 " " 50 ft (Lutz) @ $5.00 = 15.00$

133

13.50
 5.75
 4.20
 6.20
 16.50
 22
 9.85

7.50
 82.50

75
 5.60

$3 \overline{) 9.00}$
 $3 \overline{) 26.66}$

$4 \overline{) 18}$
 4.50

$27 \overline{) 273}$
 10

87.80
 11.50
 99.30

~~38.80~~
~~9.36~~
 23.20
 2.00
 4.00
 1.50
~~7.86~~
 39.70

3970
 601
~~29~~
7471
 27.48
 789
~~39.70~~
74.99

2470
 690
~~3970~~
71.30
 29
 804
~~3970~~
76.74

25
 723
~~3970~~
76.73
 29
 798
~~3970~~
76.68

27.30
 786
~~39.70~~
74.86
 29.00
 804
~~39.70~~
76.74

27.00
 7.50
~~39.70~~
74.20

24.90
 690
~~3970~~
71.50

2140
 2
 642
~~3970~~
58.52

26.81
 2
 798
~~3970~~
76.49

25.90
 2
~~774~~
~~39.70~~
75.81.00
~~230.00~~
 372.00

1079.00
 6

2.50
 1.26
 6.50
 50
10.76

3415
 1.38
 65.0
 50
11.63

74.20
 71.93
 248

✓ 1 Staff without button (wooden ~~stuff~~ broken)

✓ 1 Blue Print printing frame 15 3/4" x 19" (Home made)

✓ 1 Pr. webs - 11 1/2" x 40" (Old + worn out) (without the strips)

✓ 1 " " 9 1/2 x 51 Painted back ends discarded - (One the piece)

✓ 1 " 13 x 60 in (Good condition)

✓ 1 " Bear parts 14 x 25 1/2" Good cond.

✓ 43 Meteorog sheets for Meteorog at Tahae + 10? others at Tahae, (universal meteorog designed by S.P. Fergusson 1905, Printed by Heliotype Co. Boston?)

7. Barograph sheets

✓ 1 Exposed Therm. Green No 20431

? ✓ Set Gray & Wet Bull Therm Centigrade - 40 to + 50° Henry Green Nos. 19324 + 19325, with micr + lancet

✓ ✓ Set Taylor Wet & dry Bull Therm + 20 to + 120° F

→ ✓ Thermos at Church's

✓ Hand at

✓ 1 Set of shelves

✓ 1 set of 4 drawers

✓ 2 cabinets

✓ 1 set of shelves

✓ Letter files + trays

✓ 1 Barograph Richard Friess J. Glaeszer No. 334, 618

✓ Marble

✓ Thermos at Howards + in drawer

Nevada

- 1 - Mr Rose Snow Sampler Scale No. 15 - with hook
- 1 - " " " No. 22
- 1 - " " " " 21 -

- 5 Driving Wrenches
- 1 pr small spanner wrenches
- 1 steel core

- 1 Old style spg balance (used formerly at Lake) with James hook
- 1 ~~Single~~ ^{Double} Register in glass case (16 x 15 x 8" tall) attached to (anemometer & anemograph) old style -

- 1 - Testing Thermometer (with metal base) Henry J Green No. 3072 Range -40° to 145° F.

Therm. at Nevada

- 4 ~~test~~ James boxes for staff - for ^{field} barometer
- 1 Glass Tube (both ends closed) for export purposes
- 1 Barom. & therm (but barom. tube missing)
- 1 Field Barom (Green No. 1648) with tripod & leather carrying case - Mercury gone, glass probably broken. ^{Pivots on} ~~any~~ tube of barom where attachment & tripod is made is partly leaking.
- 1 Field barom (Green No 1536) in wooden & leather carrying cases. In good condition & only refs necess. are sewing of end of carrying strap to tube of case.

Samples

- 1 No 12 - 3 sect, 209 in, (milled cutter) worn
- 1 No. 13 - 3 sects 213 in (milled cutter) worn
- 1 " 14 - 3 " 179 in (Boat milled cutter) worn
- (Nevada?) " 11 2 " 179 (")
- 1 4 " with button staff

Lat Churns

- ↓ 3 clean cylinders at Herz
↓ 10 Thomson Shelters
all with haps
↓ 8 " haps but without keys
Need first & slight rps to roof
- $\frac{4}{8}$
with only 7 rps.

Smooth Samplers at Univ.

+ Milling

- | | | |
|-----------|---------|---------|
| ↓ C No. 3 | 3 sect. | 230 in. |
| ↓ C No. 7 | 3 " | 262 |
| ↓ C No. 8 | 3 " | 268 |
| ↓ C No. 6 | 3 " | 266 |
| ↓ C No. 2 | 3 " | 267 |
| ↓ No. 15 | 3 " | 266 |
| ↓ C No. 5 | 3 " | 258 |
| ↓ No. 16 | 3 " | 258 |

Aver. length 122 in.

all have milled cutters

- ↓ 1 Sampler 1 Sect. 46 in.
↓ 1 " " " " 43 in.

Both with smooth cutters

-
- ↓ 5 cleaners
 - ↓ 3 smooth cutters (one chipped)
 - ↓ 1 Iron core for deep sampler
 - ↓ 1 milled wheel
 - ↓ 5 haps for staffs
 - ↓ 3 unfinished buttons (disks) for staffs

- 1. Library Table - 32 in x 72 in (3 in high - Pine & Leatherette top - casters
- 2. 2 Kenyon Sleeping bags
- 3. 1 Paraffine "Silk" tent - pyramidal - heavy water proof floor
- 4. 2 sampler cases (new)
 - 1 steel case
 - 2 Driving wrenches
 - 1 Aluminum Spring balance No. 23.
 - 1 File without handle
 - 5 spanner wrenches (set of pairs) but singles)
 - 4 Smooth cutters
 - 1 milled "
 - 1 sec. hand "
 - 1 James hook for staff
 - 1 Handle
 - 2 Cleaning Hook -
 - 1 Complete staff with buttons
 - 1 Letter Press + Stand -
 - 1 Thermohygrograph in wire cage
 - 1 MS filing case (paste board)
 - 1 Ruling board (11 in x 15 ft) and compass for ruling time lines on meteorog. sheet.
 - 1 Drawing table with (24 x 32 in) with iron legs & adjust table
 - 1 set supports for max + min therm.
 - Experimental meteorologist, rods, pipes, standards etc. with value -

Max-min therm at Co shelter
 Min, 20817
 Max, 16294

Rain gauges

- 1 - 3 in diam x 13 in tall
- 1 - 8 " " x 15 " "
- 1 - 9 " " x 17 1/2 " "

1 Anemograph (pen anemometer only) Negrette & Lambie

- Cutters
- 2 milled cutters *gac.?*
 - 4 couplings (whose property?) *gac.*
 - 1 button

— Impression of J.E. Church —

Thermographs —

Jules Richard - small models

- ↓ Small Model No. 62686 ↓ 62688 ↓
- 62675 ↓ 62685 ↓
- 62676 ↓

May 1 May

- ↓ Large Model 6857, 6856, 5832, 6864,

- ↓ 1 jack-knife
- ↓ 2 small screw drivers

Clock, Reg. 3 (large)

- ↓ 5 * (small)

- ↓ 1 wire screen cover for large thermog. to keep out flies,

Camp Goods etc

2 per saddle trees + bags.

- ↓ 1 pr of bags eaten by rats; also just straps

- ✓ 2 extra circingles

- ✓ 1 pad + 1 blanket much damaged + worn

- ✓ 1 set panniers or saddle bags to

go over riding saddle.

- ↓ 10 pack irons = 2 1/2 sets.

- ↓ 2 lanterns (globes missing)

- ↓ 1 ax

- ↓ 1 tea kettle (small)

- ↓ 1 dish pan (blue granite ware)

- ↓ 1 stove pan

- ✓ 2 paired steel frying pans

Carrying all this stuff
in 1 pack
at Sects.

- ↓ Engine + Reverse Gear - for Skidoo - On hand but in pieces
- ↓ 1 - 2 blade propeller. Bent + useless.
- ↓ 200 - Markers - lots broken and in short lengths.

at Tahae Tareu - 23 in.

↓ 1 Shelter 2 $\frac{1}{3}$ sheets (middle) square. 5 ft. tall.

↓ 1 Richard Thermog. (small model) No 246. Serial No. 62681. Ring bit in fair case.
Six thermos gone, Magnet in Mr Nelson's office.

Dr Church. May 8-10.
Univ of Nevada. Reno. Nev.

The following is a list of the second lot
of tube & work on sample parts.

6-	Tube wrenches-		\$36. ⁰⁰	complete.	
1-	Thrustretion sampler	250"	27. ⁰⁰	complete	
1-	Three "	312"	33. ⁸⁰	"	
1-	One "	42"	2.55	"	
1-	" "	46"	3.45	"	
1-	Three "	230"	24.90	"	
1-	" "	214"	21.40	Short two couplings	
1	" "	266"	26.81	" " "	
1	" "	258"	25.95	" " "	
6-	Cleaners		1.50		
3	cores		2.25		
			<hr/>		
			\$205.61		

Los Angeles Calif July 29-21

Dr J. E. Church.
Tahoe City Calif.

My Dear Mr Church.

I was very much pleased to get your card saying our bill was again before the house.

I assume from the card, you would like a detail statement therefore I am sending the same. to you.

3	Pine Samplers	214" long	55	23.40	✓
"	"	"		28.81	✓
"	"	266 "		27.95	✓
"	"	258 "		27.00	✓
"	"	250" "		33.80	✓
"	"	312" "		24.90	✓
"	"	230 "		2.55	✓
one	"	42 "		3.45	✓
"	"	46 "	60 ⁰⁰ each	36.00	✓
6	tube wrenchs			1.50	✓
6	cleaners			2.25	✓
3	couplugs				
				<u>\$211.61</u>	

Dr Church,

You will note I have added \$2⁰⁰
each for the first 3 samplers for the
labor putting on the couplings which
were not ready for me at the time I
completed the work therefore raising
the price from \$205.61 to \$211.61

I will try to take up my note before
it falls due if possible thereby getting
a better standing at the bank.

Thanks for your efforts

I am
Yours truly
A. Preston

1312 Maryland Hotel
Los Angeles Calif.

State of Nevada

Reno, June 22, 1921

Dear Major Norboe:

The Lake of the Sky which Mrs. Church and I have long been planning to send you and Mrs. Norboe is out of print, but Doctor James says that he has ordered another edition which should be ready within a few months.

Since your new fiscal year is at hand with its promise of renewed funds, I am writing at length of things that are pressing to be done.

The Southern California Edison CO. is very much awake and is eager for our cooperation all over their system. They have a place for the meteorograph at Huntington Lake and have submitted a plan of Huntington Lake watershed to facilitate revising their own snow survey system to suit our plans. The company operating in Kings River has requested the U.S. Weather Bureau at San Francisco for aid and Mr. Beals, District Forecaster, at a recent visit to Reno, had a consultation with us. However, the total funds of U.S.W.B. for Kings is \$98 a year. So no practical benefit can be derived from that source. We have a promise from the Southern Sierra Power Co of Riverside to permit their men at head of Leevining Creek to make measurements there, but they hesitate to permit them to go to Tuolumne Meadows, where the Sierra Club has promised us the use of Parsons Memorial Lodge as a shelter hut. Nothing yet has been said to them about using their men at Bishop Creek - for survey purposes. However, it may be possible to hire U.S. Forest Service men, who are employed only from May 1 to October 1 by U.S.F.S. and so would be available for us in early April. Mr. Maul, Forest Supervisor at Minden, Nevada has recommended Pierce Simmons for such work and we should find more.

With this call for assistance on the San Joaquin and Kings, we should immediately organize the Southern Sierra Surveys even while perfecting those in the Central Sierra. The very best plan both in expense and efficiency, is to establish a series of cross-section stations from Leevining Creek every 25 miles southward. For topographical reasons, these should be located at following points:

<u>Basin</u>	<u>Eastern Outposts</u>	<u>Crest Station</u>	<u>Western Outpost</u>
1. East Walker-Tuolumne and Merced	Big Meadows' *Rhinedollar Lake	Cirque Mt.' Dana and Tuolumne Meadows	Lake Eleanor and Little Yosemite
2. Owens - San Joaquin	Mammoth (Upper Owens) *Bishop Creek (Central Owens)	Reds Meadow (N.F.S.S.) Humphreys Basin (S. Fk San Joaquin)	Jackass Meadow (T.S.S. Ray) Huntington Lake
3. Owens - Kings	*Pine Creek (Lower Owens)	Bull Frog Lake (near Kersearge Pass)	Gen. Grant Nat'l Park

<u>Basin</u>	<u>Eastern Outpost</u>	<u>Crest Station</u>	<u>Western Outpost</u>
4. Owens-Kern	Lone Pine Creek	Sand Meadows near Mt. Whitney	_____
		Monache Meadows via Olancha Pass	_____
		Bartolas County via Isabella ² and Weldon on S. Kern	
5. Tule-Kaweah	_____	_____	Giant Forest T. 16s. R. 30 E.
			Hockett Meadows T. 18S. R. 31 E.

* Big Meadows and Cirque Mt. already measured as part of Walker Survey.

The starred * series should probably be organized first. Cabins are available at Rhinedollar Lake, Tuolumne Meadows, Bishop Creek, and Huntington Lake. Reconnaissance trips should be made (but only in winter) to determine feasible sites for shelter huts, of which there should be at least one at about 10,000 feet at each eastern outpost and another at each crest station. However, summer trips should be made to determine best bottom over which to lay out the snow survey courses. Ultimately, one high level station should be maintained in High Sierra thruout the winter as at Summit Station, Blue Lakes, and Rhinedollar Lake to furnish forecasts each month from January 1 on. Possibly Bishop Creek's highest power station would do, with an excursion to Humphreys Basin, but because of the relative nearness of this station to Rhinedollar Lake, a station might better be maintained on or near Mt. Whitney. A small wireless station would give access to outside world except when the observer came down to Lone Pine for a change of scene. *The crest stations can best be reached from Owens Valley; climb is steep and high but feasible.*

In the Central Sierra, some extensions and new systems are necessary in West Walker - Stanislaus, Carson - Mokelumne, American, Yuba, and Feather Basins. Personnel here is mostly already available but cabins must be erected. Temperature and precipitation stations must be erected. Samplers should be provided with boxes and placed on station. Some new river gaging stations must be established.

To organize all these plans, some concentrated field work with auto and possibly with horse is necessary. The second pressing problem is the completion of the Bulletin and tabulating of the weather records at the Key Station at Tahoe. Edgar Brown is seeking wider opportunities than are now open to him at Carson City and will be lost permanently to us, I fear, unless we can get him into your department or into Southern California Edison Co. in cooperative work with you. I need him so seriously now that I have asked him to remain at Carson temporarily providing you could employ him on one-third time (thus using his outside hours) to finish the Bulletin and see it thru press. I can do the "head work", but I am worked too hard at the University to stand the toll of all the detail computations and

proof-reading. I think that possibly he would be willing to accept \$50 a month if the salary at Sacramento is till \$150 a month. Could you let me know immediately the possibility of employing him, for he goes on his vacation within a few days (June 26), and wishes to seek a position while away.

The third matter of business, which is purely routine, is the supplementary wage report to complete all claims for services to June 30, 1921.

Tahoe City, California
Robert Watson Sr. Snow Surveying at Ward Creek May 31 and
Rubicon Park, June 1
@ \$40..... \$20.00

W.S.Coyan..Markleeville, California, *Snow Survey May 28 \$10.00*
George W. Coyan, Asst Snow Surveying at
Blue Lakes May 28, 1921.....\$5.00(\$10 ?)

G.E.Harkness, Tahoe City, California
Resetting Meteorograph at
Observatory Point, Lake Tahoe
July 1, 1920 to June 30, 1921
52 weeks @ \$2.50..... \$130.00

With high esteem,

Letter of July 19

Suave Samplers

Tobac - 2 (Nos 1 + 3) — 2 balances?
1 8 1/2 ft. cracked.

Wet Rose

2 (Nos 1 + 5) — 1 balance
1 most seals
1 16 gage

Blue boxes 1 (No. 4)

1 balance

1 steel case

Reed -

8 (3 sec. each)

6 (" ")

2 (1" each)

23 sets.

8 balances

8 staffs

8 spanner wrenches

8 metallic tapes

8 driving wrenches

8 cleaning hooks.

+ 2 old wrenches

- Inventory -

9 on station -

15 at Reno

23

1 Old style ✓ Tahoe
 1 " ✓ WSC-
 1 " ✓ Reno

Summit
 No. 12, 15, 19, 21, 22, 23,
 — Judge, — Bluecross

11.50
 13.50
 74.99
 13.50
 61.49

Nevada {
 Elko -
 Madette -
 Reno -

15 Reno
 18 Madette
 — Elko
 —

September 21, 1922.

September 21, 1922.

15 Cans
18 Wicrete
— Glass

Salt -
Wicrete
Cans -

11.50
13.50
74.99
135.00
91.49

Summit
No. 12, 19, 21, 22, 23,
—
—
—

1 0.00
1 " "
1 " "
1 0.00

Inventory
Equipment -
Snow Sampler Outfits -

Tahoe City:

- 1 ^{wood rope} Sampler - 1 sec. 133 in. long. Smooth cutter. Slightly rusty.
1 " 4 " 330 " " " Last sect.
1 " graduated but not graduated
1 Aluminum Spring Balance - Old style. (not numbered, Good condy)
1 Spring balance staff - used to make crutch but will
1 cleaning hook " be replaced
~~1 Driving wrench~~

Summit Station:

- 1 Mt Rose Sampler C No. 9 3 Sect. 262 Milled cutter
1 " " Spring Balance No. 12
1 Sampler Staff with ski button
1 Driving Wrench No. 3
2 Spanner Wrenches
1 cleaning hook
1 100 ft Tapes line (Lupkin) Metallic Tape.

Passing case belongs to U.S. Forest Service.
all in good condition.

Fordyce Lake:

- 1 Mt Rose Sampler 3 sec. 230 in. Milled cutter. No. 3
1 " Spring Balance
1 Staff
1 Driving Wrench
1 Spanner wrench
1 cleaning Hook
1 50-Foot Lupkin Metallic Tape.
all in good condition.

- On Mount Rose:
- 1. Mt Rose Sampler 16 gauge ~~#~~ 3 Sect, 193 in. Primitive + discarded
 - 1 - Mt Rose Sampler 3 Sect. 248 in. long. Plain cutter.
 - 1 - ^{Aluminum} Spring Balance - Old style

7. Staff

- 1 Driving Wrench
- 2 Spanner Wrenches
- 2 Cloth Tape lines
- 1 File
- 1 Can 3 in 1 Oil
- 1 File

Maxette Lake:

- 1 Mt Rose Sampler ^{No. 10} 3 sect. 2 sec. 180 in. approx 264 in. Milled cutter.
- 1 ^{Aluminum} Spring Balance No. 18.
- 1 Sampler Staff with Ski Button,
- 1 Driving Wrench
- 1 Extra milled cutter,
- 1 Cleaning Hook.
- 2 Spanner Wrenches.
- 1 50-ft dufrin metallic tape line.

Blue Lakes:

- 1 Mt Rose Sampler 2 sec. approx. 264 in.
- 1 Alum. Spring Balance
- 1 Staff
- 1 Driving Wrench
- 1 Cleaner
- 1 Tape 150 ft. (Calif's)
- 1 Cutter (milled from Kenada)

Bridge port (Walker Basin)

- No. C4
- 1 Mt Rose Sampler 3 sec. ²⁴¹ approx 250 in. long - milled cutter
 - 1 Alcum. Spring Balance No. 19
 - 1 Staff with ~~milled cutter~~ ^{wire button}
 - 1 50-ft. Suprim Metallic Tape
 - 1 Driving Wrench -
 - 2 Spanner Wrenches
 - 1 File
 - 1 Extra milled cutter
 - 1 Leather Boot to cover cutter.
 - 1 Carrying strap.
 - 1 Wooden Packing Case.
 - 1 Steel core for removing dents.

~~Revo:~~

~~Walter's fare:~~

Revo:

~~14~~ ~~15~~ ~~16~~ Mt Rose Samplers as follows:

14	C No. 2	3 sec.	267 in.	milled cutter
	C " 3	"	230 "	"
	C " 5	"	258 "	"
	C " 6	"	266 "	"
	C " 7	"	262 "	"
	C " 8	"	268 "	"
	No. 12	"	213 "	" Point. Milled cutter worn
	" 13	"	" "	" "
	" 14	"	" (Boat)	" - cutter worn
	" 15 15	"	266	"
	" 16	"	258	"
		1 1 sec.	app 120 102 in.	Blain? Crooked
		"	43 in	" - Tube
		"	46 "	crooked
		"		Blain cutter
		"		"

34 Aluminium Spring Balances as follows:

- 1 Old style. ^{20.00} Needs glass face or metal cover
- No. 21 ^{35.00} - New. with open aluminium covers
- No. 22 - " " " " " "
- No. 23 - " " " " " "

- * Staffs with ski buttons
 1 1 1 (3 unfinished buttons - extra)
 1 finished button
- Staff without ski button
 1 (wooden staff broken)

Extra Hooks for staffs 5 + 1 + (4?)

2 - Packing Cases. ^{for Snow Samplers (New)} @ \$28.00 \$56.00

1, 1, 1 Steel Cores

- 6 large spanner wrenches
- 2 small " "
- 4, 3 smooth cutters (1 chipped)
- 1 Handles
- 1 files (without handle)
- 1, 2, 1 milled cutters (new)
- 1 " " (used) } + 4 in ⁴ new package.

2, 5 cleaning boxes
+ ~~Britannia~~

5 + 2? driving wrenches

Cutters in box

6.50
 26.00
 26.50

4 1/8 / 4 5/16
 4 new cutters 13.20
 3 Cases \$80.00

12.50
 25.00
 43
 68.00

24

48.00

7 12.21
 7 5.00
 7 15.00

69

Evaporation ^{Pans} Studies Equipment

At Tahae:

- ~~25~~ ✓ ~~1~~ ²⁰ Evap. Water Evap. Pans Circ. 3 Feet diam. 10 in deep. Tahae
- ✓ ~~1~~ " " " 4 " " " "
- ✓ ~~1~~ " " " 4 " 1 in. " "

Purchased sec. hand @ 20% orig. cost \$100?

- ✓ 19 ✓ ~~2~~ Snow Evap. Pans Circ. 15 in diam x 6 in deep. Excell.

19
 250

 950
 38

 4750

- ✓ ~~1~~ ✓ ~~9~~ Cutter " " 15 in diam. Poor but usable
- ✓ ~~1~~ ✓ ~~9~~ False bottoms for above @ \$1.00
- ✓ ~~1~~ ✓ ~~2~~ Ice evap. pans 15 in x 2 in. Excellent. @ 2.00
- ✓ ~~1~~ ✓ ~~2~~ Spec. pans for studying evap. pans in trees. Good. \$3.50
- ✓ ~~1~~ ✓ ~~14?~~ Snow Cutter 15 x 7 in to accompany evap. pans.
- ✓ ~~1~~ ✓ ~~14?~~ Canvas Hacks for pans.

- ✓ ~~10?~~ ✓ ~~10?~~ Evap. pans (?) 30
- ✓ ~~1~~ ✓ ~~3~~ Snow Evaporation Pans 15 in. diam. x 6 in. deep.
- ✓ ~~1~~ ✓ ~~12~~ " " " 10 in. " x 6 " "

Field Anemometers

- ✓ ~~1~~ ✓ ~~4~~ Anemometers by S.P. Ferguson. Tahae. Excellent @ 20.00
- ✓ ~~1~~ ✓ ~~1~~ " Julien P. Frey No. B41 " " 25.00
- ✓ ~~1~~ ✓ ~~3~~ " by S.P.F. Mt Rose " @ 15.00
- ✓ ~~1~~ ✓ ~~1~~ anemometer wrench Tahae "

Rain Gages

- ✓ ~~1~~ ✓ ~~1~~ Circular Bucket with handle for weighing 7.5 in. x 36. Good
- ✓ ~~1~~ ✓ ~~1~~ " " " 5.00 - 15 in. x 17.30
- ✓ ~~1~~ ✓ ~~1~~ 3 in x 13 in tall. } Poor cond. but usable
- ✓ ~~1~~ ✓ ~~1~~ 8" x 15 " " " }
- ✓ ~~1~~ ✓ ~~1~~ 9" x 17 1/2 " " " : 18.00

1 Standard Rain gage (4.5 W. 13 gallon)

Inventory of Mount Rose Material

Snow Sampler Outfits

- (Take City)
1. Snow Sampler Section 133 in. long. Smooth cutter.
slightly rusty.
1. " " 4 " 330 " " (last section graduated
but ~~not~~ graduations
not numbered)
1. Spring balance
- Smooth
Cutter

Meteorograph Stations

1. Meteorograph with shelter and heavy masts. Range 6-9 ^{feet, 7 mca} mca by S. P. ^{by S. P. Engstrom} Moore - with auxiliary observation building used also as shelter hut (see sketch), with inside with instruments and tools listed elsewhere.

Hygrometer needs repairs; sunshine recorder inefficient and long since discarded.

1 small ^{auxiliary} shelter (approx. 2 ft sq. + 4 ft tall) for thermograph.

1. Meteorograph and shelter at Observatory Point Tahoe. Range 1 mca. auxiliary anemometer (A. Hall & Co, Balto, Md) No: 1061. Excellent except needs immediate repainting.

1 Meteorograph with shelter. Fallon Nevada. awaiting transportation. auxiliary thermometer. ~~Superior Thermometer~~ (Henry J. Green) No. 87775.

Equipment for

~~7~~ Thermograph Stations (all at Reno awaiting rehabilitation and transportation)

~~Small Model~~

76 Thermographs - small model - by Jules Richard

@ 20.00

Range 0 - 100°F.

62668, 62681,
Nos. 62575, 62576, 62683, 62685,
62686, Reno - all need cleaning.

4 Thermographs - ~~large~~ ^{large} ~~medium~~ model - by Jules Richard

@ 46.00

Range -120° to +110°F

Nos. 5832, 6856, 6857, 6864

3 Large clock keys

5 Small clock keys

76 Exposed Thermometers for checking thermographs
Henry J. Green -

@ 2.50

Nos. 6077, 20429, 20430, 20431, 20432,
20591, 20675

1 Exposed thermometer No. 20426 auxiliary & meteorograph
on Mt. Rose. hands

1 set supports for maximum therm. Reno

1 ~~Shelters~~ Thermograph shelters 2 ft square - 5 ft tall.
Tahoe.

+ " " " " " " " " " " " "

11 " " " " " 2 1/2 ft square - 6 1/2 ft tall.

@ 15.00

15
16.5

all with hasps extending across shelter,
nine locks and 8 keys - all need refs to roofs
and thorough painting;

~~3 Thermograph cylinders?~~

1 - wire screen for medium thermograph
to keep out flies -

~~Miscellaneous.~~

Auxiliary Instrumental Equipment -

2 Sling Psychrometers Henry J. Green
 1 at Takae (Dry Bulb 23531, Wet Bulb 23532)
 1 at Mt Rose (" " 27287, " " 27288)
 Excellent cond. @ 6.00

1 Ruling Board (11 in x 15 ft) and pen for ruling
 #5.00 time links on Mt Rose meteorog. sheet

43.	Meteorograph	Records	Sheets (Range 1 week)	by S. P. Ferguson	Rent
70 -	"	"	"	"	Takae.

#50.00 1 Merc. Barometer (Henry J. Green) Mt Rose - Good

1 ^{Merc.} Field Barometer (" " ") No. 1648 with
 40.00 tripod and leather carrying case -
 Mercury gone, tube probably broken. Attachment
 to tripod partly lacking.

1 Glass tube for merc. barometer

10.00 1 ^{Merc.} Barometer. ~~with~~ tube missing.

1 Merc. Field Barometer (Henry J. Green) No. 1536
 40.00 in wooden and leather carrying cases.
 Good cond. except stitching strap to case.

40.00 1 Richard Barograph (J. Glaenger) No. 334,612
 Takae Good

1 " " Mt Rose - Good

7 1 " " (J. Glaenger) No. 334,618 Good

~~Snow Samplers & Outfits }
Observatories }
Refuges & beds, etc.~~

~~Food, Heavy Equip. & Home.~~

~~Thermog. Equip.~~

~~Office equipment.~~

~~Meteorog. Stations~~

~~Summit
^ Mt. Snow - 10,800 feet -~~

~~Tahoe - Obs. Point~~

~~awaiting location - (pref. at Huntington Lake)~~

25.00 ^{Standard} 1 - Precision Thermometer for Testing Purposes
(with metal base) (Henry J. Green) No. 3072
Range -40° to +145° F. Reno. Good

5.00 1 set Wet and dry bulb Thermometers ^{with mica and tank}
(Henry J. Green) Nos. 19324 and 19325.
~~Centigrade~~ Range -40° to +150° Centigrade. Reno. Good

5.00 1 set Wet and dry bulb Thermometers
(Taylor Co.) Range +20° to +120° F.
Reno. good

5.00 1 set Max. Min. Thermometers
(Henry J. Green) Nos. 16294 and
20817 at Reno Good

1 missing. 27 sets Green's Sixs Max-Min. Thermometer.
8.00 on Iron bases. Nos. 24208 and —
at Tahoe. — ^{may be lost} —
2 Tin cases to contain above Sixs. ^{Tahoe} ^{Carson yard}
2 sets Green's Sixs Max-Min. Thermometer
in hermetically sealed copper cases
for sounding, ^{at Tahoe} No. 26153 ^{Tahoe} broken.
No. 26154 in glass
in case broken;
otherwise in good cond.

Magnet Magnate 3 magnets for resetting Green's Sixs. ^{Tahoe} ^{Wash.}
2 Tin

25.00 1 Tengerson Snow ~~Temp~~ Thermograph - Tahoe.

3.00 2 Thermometers in glass tube for ^{determining} ^{Condition Excellent.} snow temperature
~~high~~ ^{Washoe.}

2.00 1 night-marching Compass (Shurt & Wesson Ltd. London)

1.50 1 Gauge-finding Compass. Reno. Crystal brass; ^{Tahoe. Good}
otherwise excellent.

30.00 1 aneroid barometer and compass

? 1 ^{Bureau} ~~Wind~~ ^{Hand} ~~air~~ ^{Veloc} ~~velocity~~ 20.00

1.00 1 Clinometer with case. Tahoe.

Clinometer vended for but
1 in sq. x 10 1/2 long not seen

3.00 200 wooden markers ^{Tahoe} - Badly broken from use
50 " " - Washoe " " " "

~~8~~

Recording Insts.

✓

misc. material

1 - Thermo-Hygrograph with wire cage
\$ protect against flies - Range 1 mo. but
scale much compressed - Reno

50⁰⁰

1 - Double Register for wind [anemometer and
anemograph] in glass case 16x15x8 in.
old style - Reno -

70⁰⁰

1 - Negretti-Lanza anemograph arm.

Mechanism of Basendell anemoscope 35⁰⁰ (?)

Parts ~~missing~~ of misc. equipment of
present
no value -

3 - Experimental thermograph clock cylinders.

5x3 1/2 in. movement.
(1) 26 hours interchangeable

(2) 7 3/4 x 4 1/2 in. 30 days (?) movement.

(3) 5 x 3 1/2 . 15 days movement, interchangeable.

Reno. Perfect and new.

(4) small thermog.
cylinder
extra

10⁰⁰

1 Seth Thomas Clock adapted as master

clock for sunshine and recorder
on Mt Rose. At observatory on Mt Rose.
Value doubtful. Discarded. Value doubtful

100 (?)

Observatories and Refuge Notes.

Traveling ^{and Shelter} ~~and Shelter~~ Equipment - at Reno except
were mentioned otherwise.

1 Shelter Tent at 9,000 ft. on Mt. Rose
Made of sandbags tanned; roof covered
by tarpaulins. 10 x 15 ft. approx.

See paid ^{at the} amount? ~~1~~ Pr. Ski . . . Tahoe Badly worn.
" " " " " " " " Much worn
[Pr. Web Snowshoes 13 x 6 in. Excellent
(Van Sarg)

~~12.00~~ 1 " ^{Web} Bear Paw " 14 x 25 1/2 (Van Sarg) "

1 " Web Snowshoes 11 1/2 x 40 in.
without tread.
Old + more out . . .

1 " " " Painted both ends 9 1/2 x 51 in.
One the piece. Old and discarded

20.00 1 Paraffin "silk" shelter tent ~~Reno~~ . . .

@10.00 2 Kenyan sleeping bag cases

@ 25.00? 2 sleeping bags complete at Blue Lake

6.00 1 Primus Lamp Range (2 burners) at Tahoe
Good cond. except for very slight rags.

@ ~~4.50~~ 5.75 3 ^{Heavy} ~~Fair~~ knit woollen helmets. Fair condition.

1 Camp ax (short handle).

25.00? } 1 Cedar Motor-boat Hull "Skidoo" 4 1/2 x 16 ft.

1 Gas engine + reverse gear for motor boat. In pieces
1 2-bladed propeller. Bent and useless.

500.⁰⁰
 1 Shelter Hut: 7x7x7 ft. Summit of Mt. Rose.
 Matched lumber cased in malthaid roofing
 material. Excellent condition. (See Meteor. Station)
 With following equipment :-

- 1 Stove
- 2 Primus Lamps
 - 1 Oil Lamp
 - 2 Spring cots
 - 2 Cat mattresses
- 2 Rabbit-skin Sleeping Bags
- ? Blankets
- 1 folding chair
- 1 broom
- 2 Frying pans
- 1 Tea kettle
- 1 Coffee pot
- 8 Plates
- 3 cups
- 2 Cooking pots
- 1 Wash Basin
- 1 Bucket
- 1 Ax
- 1 Shovel

Tools etc.
 Office Equip.
 Supplies on hand

1 Tool Box Summit of Mt. R. 45.⁰⁰

Maximum - Min. thermometers Navy J. Greene

1. Min. 20817, Max. 16294 Read.

2.

Shelter Huts and Traveling Equipment.

Auxiliary Instr. Equip.

Office Fixtures

Misc. Instr. Equipment -

~~3-2~~

1 Sandbag Net. approx 10 x 12 ft.
at 9,000

350rd

at Contact Pass 9,000 ft. on Mt Rose
with following equipment:

- 1 Primus lamp
- 1 sheet-iron stove
- 1 Oil lamp
- 1 Large sheet-metal box for storing garments
- Large Canvas bags for bedding
- 4 ~~or~~ ^{cup} Super ~~flour~~ for food
- 1 Small Canvas bag
- 1 Large straitener
- 2 Cot mattresses
- 3 Gray blankets
- 1 Large Rabbit-skin blanket
- 2 Quilts
- 5 Quilts - Old
- 3 Pillows
- 1 Water-bag
- 1 Box medical Supplies
- 1 Meat Saw
- 1 ~~Wood Saw~~ Short Cross cut Saw
- 1 ax
- 1 Shovel
- 1 Skilpan
- 1 Coffee-pot
- 1 Tea pot
- 3 Cooking Pots
- 1 Large pan
- 2 Biscuit Tins
- 8 Plates
- 4 Cups
- Knives, forks & spoons

1 large folding
 1 chair (Canvas
 eaten)
 1 Ordinary folding chair

~~Tools~~

2 1/2 sets

2 Pack Saddle Trees and Bags incl.

@ 10.00

2 extra ~~circles~~ ~~inches~~ ~~at~~ Rend.

One pair bags ~~extra~~ ~~by~~ ~~rats~~, and ~~girth~~ ~~straps~~ ^{considerably} eaten by rats.

1 ~~Pack~~ Saddle ~~Paper~~ - ~~Extra~~ Badly worn Rend

3.00

1 Saddle Blanket Eaten by rats Rend

1 Set Saddle Bags to place over riding saddle

~~was~~ Much repaired but good Rend

10.00

2 1/2 sets Pack irons (10 pieces) for transporting lumber by horseback Rend

@ 6.00

2 Canvas Horse-blankets. Mt Rose.

Only slight repairs necessary \$12.00

Miscellaneous Tools and Equipment

2.00

1 Tube slitting Tool.

1.00

1 pick Mt Rose

1.00

1 Sledge hammer Mt Rose

1 Hammer Rend Mt Rose

2.50

1 Stilson Wrench Rend Mt Rose

1 Plane Rend Mt Rose

2 Pressed Steel Frying Pans Rend

1 Hand Saw Mt Rose

1 ~~for~~ Pocket Knife Rend

1 Pair Pliers Mt Rose

7 ^{Small} Screw Drivers Rend

1 Pr Tin shears Mt Rose

1 Screw Driver

2 Lanterns (globes lacking) Rend

1 ax Rend

1 Small Tea-kettle Rend

1 Blue Granite chisel Rend

1 Stew pan Rend

1 Hand ax Rend

Ab-Mats
Canvas

Office Furniture and Equipment.

1 Library Table 32x72 in. 12.⁰⁰
Pine, Seathette top, casters

~~Filing Boxes~~

? Letter Files (paste board) 6.⁰⁰

^{adjustable}
1 Drawing Table 24x32 in., mostly iron 10.⁰⁰

1 Ruling Board 11 in x 15 ft with ~~compass~~
drawing pen for ruling time lines
on meteorograph sheet 5.⁰⁰

1 Letter Press and Stand with drawer 12.⁰⁰

1 Blue print Printing Frame 15 3/4 x 19 in
Home-made 4.⁰⁰

20.⁰⁰ { # Set of Shelving - 4 shelves 5 ft long
1 " " " " 9 1/2 long.

10.⁰⁰ 1 Set of 4 Large Drawers - each 4 ft x 34 in deep
15.⁰⁰ 2 ^{Double} Cabinets 3 ft wide x 30 in high
2.50 2 Pamphlet Boxes - Wash brass

~~Filing~~

6.⁰⁰ 1 doz Letter Files

50¢ 1 Letter Trays

Abirth Camera

1 Short & Mason (London) air current meter No 7952
1 duplin. Clats tape line 100 ft,

Supplies -

43 Meteorog. Sheets ^{designed by S. P. Ferguson, printed}
 10 approx " " ^{by Helistype Co. Reno}
 7 Paragraph Sheets " " " Tahoe

2000

869

150

4000 2000