

Summary - Evaporation Experiments on Mt. Rose

1. Temperature the main factor during this period in evaporation.
2. At low temperatures, i. e. temperatures approaching freezing, the water passing thro the pores of the cup tends to freeze, tho the contents of the jar remain liquid. The wind, therefore, which should be a larger factor in causing evaporation from an open dish, retards evaporation from the evaporimeters.
3. A different apparatus should be devised, if a determination of the rate of evaporation from frozen ground or under freezing and thawing conditions is desired.
4. A long series of tests on Mt. Rose and at Reno desirable.
5. - Observations of precipitation and evaporation at the lake on Mt. Rose will supplement the readings of the evaporimeters.

4. Monday →

Evap. — 9:45 am — 5:30 pm

Temp 39° F. — 40° F.

Wind 539.8 — 623.9 mi.

Sun bright → Sun now set

Loss by Evap. 36 c.c.

5. Monday Night —

5:35 p.m. — 6:00 am

Temp 40° F. — 36° F.

Wind 623.9 mi. — 776.2 mi.

Sky clear — Moon bright — Sky clear

Loss by evap. 18 cc.

~~Cup froze toward morning —~~
Due to rising wind.

Sawdust's Waffle strips

Wausley Wrench

Ladder

Nut (Hex), 1/2"

needle + many end

Two Soap

Ames + Anemog.

Box Talc

Blotter

Cement

Extra Pieces

291.1
190.3

6.75) 100.8 15

675

3230

~~3375~~

2700

6300

5400

12.5

1218

12.5) 152.3
273
252
220
125
125
0

776.2

623.9

12.5

152.3

125

273

252

220

125

125

0

0

0

0

0

0

0

623.9
639.8
7.75) 84.1 10.85
775
6600
6200
400

930

Wind veloc.

3.45 pm Thurs - 2. am Friday

432.9 - 190.3 =

747.4 mi. in $10\frac{1}{4}$ hrs =

72.917 mi. per hr. during periods

2. Saturday 10:15 am - 5 pm ^{Sunset}
Erap 2 cc

Temp 36°F. - Temp 36°

~~Wind 190.3 mi.~~

~~Correct reading of fuel 1 1/2~~
Wind 190.3 mi. - 291.1 mi.
Temp 40°F (?)

Loss by erap. 28 cc.

Note - Sun shine until 3 pm,
then overcast

3. Sunday -

Erap 9 am - 5:20 pm
Temp 34°F. - 32°F.

Sky overcast or faint shub. all day.

Wind 291.1 mi. = 539.8 mi.

Loss by erap 11 cc.

Note - Today was in Tempo

like last night.

But wind today was stronger

Cash found frozen

Occurred perhaps early toward night

(This edge is reserved for binding.)

Form No. 1083—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,
WEATHER BUREAU.

(Station) _____

(Date) _____, 190 .

(75th Meridian Time.)

	8 A. M.	5:15 P.M. 8 P. M.
Dry Thermometer.....		27° F
Wet Thermometer.....		
Maximum Thermometer ..		62 1/2° F
Minimum Thermometer ..		48° F
Direction of Wind.....	West	SW
Precipitation		None
Clouds { Upper		
{ Lower		Clear at evening

Compared with Form No. 1001—Met'l.

Barom. 3:30 p.m. 20.193 (39° F.)

Notes for Daily Journal.

Wed. 6:15 p.m.

Wind Gage 903.3 mi

8:15 p.m. 39.2 mi

~~86.7~~

~~49~~

Evaporation—Oct. 29—Nov. 3, 1908—
135.17
69.85

1. Thura, Evaps Exposed 8:15 a.m. — 3:45 p.m.
Wind 39. mi. — 432.9 mi.
= 52.52 per hr.
Temp. 25° F (Therm. 8 a.m.) — 26° F.
Note above 33° F (all days)

(Continued on other side.)

150,000—10, 1902.

O.C.C. Froge why

Wed - Aug, 28?

5:30 pm

290 - N.P. —

$$\begin{array}{r} 1111 + 118\frac{1}{2} \\ \hline 1369\frac{1}{2} \end{array}$$

303 - B.P. —

$$1111 + 205$$

Wed Sept 9 — 5:45 p.m.

290 - N.P.

$$1111 - 230 = 1230 \text{ cc.}$$

303 - B.P.

$$1111 - 100\frac{1}{2} = 1100\frac{1}{2} \text{ cc.}$$

NO.

DATE 190

IN FAVOR OF

OR, Amount Drawn

DR. Am't Deposited

BALANCE

46

47

48

49

50

Wed, 5 pm. Oct. 15 -

290 (On south side)

111 + 76 cc.

= 750 + 76 = 826 cc.

303 - (On North side)

111 + 86 cc.

750 + 86 = 836 cc.

~~Seachman's removed for the season because of fear danger from freezing -~~