

Field Notes On Evaporation Tahoe January 1917.
Station No. 1. (Log Cabin) Semi Open.

- 1
- 2
- 3
- 4 - Heavy Feather Frost.
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13 - Pan No. 1. 9.30 A.M. Light frost on pan ; snow firm and slightly granulated. Light frost on hood.
- 14 Pan No. 2. Light frost on pan. Feather frost on ground.
- 14 - Pan No. 1. 9.40 A.M. Frost on pan. Light particles of frost on both inside and outside of hood.
- Pan No. 2. Pan icy to within one inch of surface; snow on surface of pan hard and grainy. Feather frost on surface of snow on ground.
- 15 - Pan No.1. 10.35 A.M. Light crust of frost on pan. No frost on hood.
- Pan No.2. Ice to within one inch of surface of pan; Crust of frost on surface hard and grainy, very much resembling salt that has been crystalized by the rays of the sun. Frost crystals on ground cut down by North-East wind.
- 16 - Pan No.1. 10. A.M. Snow very firm. Light snow on hood.
- Pan No.2. Ice- thin layer of new snow frozen to old snow. Thin layer of new snow on ground.
- 17 - Pan No.1. 1.10 P.M. Snow in pan light and crumbly with thin crust on surface. Hood free from snow.
- Pan No.2. Snow light , but firm, pan refilled Jan. 16th.
- Snow on ground light and crumbly with thin coating of frost crystals over which a layer of new snow had fallen Jan . 16th.
- 18 - Pan No.1. 1.05 P.M. Snow fairly fine and crumbly under very thin crust. No frost on hood.
- Pan No. 2. Snow firm and fine throughout pan. Snow on ground soft and crumbly under very light crust.
- 19 - Pan No.1. 11.20 A.M. Snow very soft and wet. Spear-like frost crystals on both inside and outside of hood. Frost crystals larger than those on hood at Station No. 2.
- Pan No. 2. Snow quite firm. Snow on ground soft and wet under light crust of frost.
- 20 - Pan No.1. 9.15 A.M. Snow firm. Hood free from frost.
- Pan No.2. Snow very firm having formed solid cake in pan; no ice. Snow on ground wet and crumbly under fairly firm crust.

Field Notes On Evaporation Tahoe January 1917.
Station No. 1. (Log Cabin) Semi Open

- 21
- 22 - Pan No.1. 9.05 A.M. Snow very firm , light crust. Hood covered with small frost crystals of tree-like formation.
Pan No.2. Snow firm, light trace new snow from flurry JAN. 21st.
Snow on ground crumbly under slight trace of new snow.
- 23
- 24
- 25 - Pan No. 1. 9.10 A.M. Snow solid, with grain like coarse sugar. Very light frost on hood.
Pan No.2. Snow very firm having formed solid cake; no ice. Snow on ground crumbly and dry under light crust,
- 26 - Pan No.1. 9.15 A.M. Snow very firm, having formed solid cake. No ice weight 5.4 . Refilled with light snow weight 80.7. Very light frost on hood.
Pan No.2. Snow solid cake, no ice, light frost on surface of pan, refill with light snow. Feather frost on ground ,snow light and crumbly.
- 27 - Pan No.1. 5. P.M. Snow very soft and wet. Hood free from frost.
Pan No. 2. Snow firm and dry. Snow on ground wet and crumbly. #
- 28 - Pan NO.1. 9.25 A.M. Snow firm and fine having formed solid cake. Hood free from frost.
Pan No.2. Snow fine and very firm throughout. Snow on ground crumbly very slight crust.
- 29 - Pan No.1. 9.05 A.M. Snow quite soft and wet . Light snow on hood.
Pan No.2. Snow very soft fine and wet. Snow on ground very fine wet and sticky.
- 30 -
- 31 - Pan No.1. 10. A.M. Wire on pan broke Jan. 30th. spilling part of the contents of the pan. Weight 53.5 Snow caked and slightly grainy. Little ice in side of pan that was tipped downward. Hood covered with fine particles of frost over coating of light snow on surface of hood. Tiny particles of frost on under side of hood but no noticeable individual frost crystals.
Pan No.2. Snow heaped up six inches above surface of pan. Weight 102. Levelled off weight 64. Snow on ground soft,dry,light and crumbly.

Field Notes On Evaporation Tahoe January 1917.
Station No. 2. (Old Cabin Site) On River, Semi Open.

- 1
2
3
4
5
6
7
8
9
10
11
12
13 - Pan No. 1. 10.55 A.M. Light frost on pan under hood. Snow quite firm.
Pan No. 2. Heavy feather frost on exposed pan. Pan refilled Jan. 11th.
Snow to depth of two inches dry and frosty. Snow beneath refilled portion one solid cake of ice. Snow used for refilling pan fine grained, light and dry. Heavy feather frost on ground.
- 14 - Pan No. 1. 10.00 A.M. Frost crust on surface of pan very firm. Hood covered with light needle-like frost particles.
Pan No. 2. Frost crust more grainy and not as fine as Pan No. 1. Ice in bottom of Pan No. 2. very solid, snow on top of ice $\frac{3}{4}$ in depth coarse grained and honey-combed by frost. Heavy feather frost on ground of tree-like formation from $\frac{1}{2}$ to $\frac{7}{8}$ inch in length.
- 15 - PAN No. 1. 11.30 A.M. Very firm crust, snow hard and coarse from action of frost.
Pan No. 2. Iced to within $\frac{3}{4}$ inch of surface, hard grainy crust. Snow on ground mellowed by frost and cut down by wind.
- 16 - Pan No. 1. 1.30 P.M. Snow very firm, light snow on hood.
Pan No. 2. Pan solid ice. Thin layer of new snow on top of ice. Thin layer new snow on ground. Wind from North East.
- 17 - Pan No. 1. 1.25 P.M. Snow very firm, almost frosty but finely grained. Hood free from snow.
Pan No. 2. Snow light; Pan refilled Jan. 16th. Snow on ground crumbly under crust of frost crystals that have been covered with $\frac{1}{4}$ inch of new snow Jan 16th.
- 18- Pan NO. 1. 1.30 P.M. Snow very firm, coarse grained as very coarse sugar. Hood free from frost.
Pan No. 2. Snow finer and not as firm as Pan No. 1., having been refilled Jan. 16th. Snow on ground soft and crumbly under light crust
- 19 - Pan No. 1. 11.45 A.M. Snow firm and fairly coarse. Spear shaped frost crystals $\frac{2}{16}$ of an inch in length on outside of hood. Frost crystals on inside of hood wedge shaped and not as large as those on outside.
Pan No. 2. Snow fine and not as firm as snow in Pan No. 1. Snow on ground wet and crumbly under fairly firm crust of frost.

Field Notes On Evaporation Tahoe January 1917.
Station No. 2. (Old Cabin Site) On River, Semi Open.

- 20 - Pan No. 1. 9.35 A.M. Snow very firm , slight trace of crust. Very light frost on hood.
Pan No. 2. Snow quite firm, light crust. Snow on ground coarsely grained from action of frost but light and crumbly beneath the crust.
- 21 -
- 22 - Pan No. 1. 9.15 A.M. Snow firm, light crust. Outside of hood covered with tree-like and needle-like frost crystals . Wedge shaped frost crystals on inner surface of hood.
Pan. No. 2. Snow fairly firm under firm crust. Snow on ground soft, no crust.
- 23 -
- 24 -
- 25 - Pan No. 1. 9.30 A.M. Snow in pan hard, some ice, weight 44.4 Refilled with light snow, weight 100.2 Very light frost on hood.
Pan no. 2. Snow firm. Snow on ground crumbly under very light crust.
- 26 - Pan No. 1. 9.30 A.M. Four inches solid snow hard and grainy, one inch of ice at bottom of pan. Hood covered with small wedge-shaped frost crystals.
Pan No. 2. Snow firm having formed solid cake, no ice, light frost on surface of pan . Snow on ground crumbly under light frost.
- 27 - Pan NO.1. 3.40 P.M. Snow wet and coarse, some water and some ice. Hood free from frost.
Pan No.2. Snow wet and coarse, snow contracted considerably. Snow on ground soft and crumbly.
- 28 - Pan No.1. 9.35 A.M. Snow soft. Hood free from frost.
Pan No.2. Snow soft ,pan having been refilled. Snow on ground soft under light crust.
- 29 - Pan No.1. 9.10 A.M. Snow fine and very firm and dry. Light snow on hood.
Pan No.2. Snow very fine and wet. New snow on ground very fine and wet.
- 30 -
- 31 - PAN No.1. 10.30 A.M. Snow firm ,slightly grainy, light layer of new snow on surface of pan. Light layer of new snow on hood.
Pan No.2. pan heaping with new snow, weight 128.4. Levelled off even with edge of pan ,weight 89.7. Snow on ground soft,light, dry.

Field Notes On Evaporation Tahoe January 1917.
Station No. 3. (Thermograph Shelter) Thickly Wooded, Fir, Few Pine.

- 1
2
3
4
5
6
7
8
9
10 - Snow fell from trees into Pan No. 2.
11
12
13 - Pan No. 1. Snow fairly firm, no frost.
Pan No. 2. Snow fairly firm, no frost. Snow on ground iced over owing to thaw during day and frost at night.
14 - Pan No. 1. 10.40 A.M. Light crust on pan, hood frozen stiff but free from noticeable individual frost crystals. Snow in pan having fine grain.
Pan No. 2. Free from frost. Snow on ground having heavy coating of ice due to thaw and freezing.
15 - Pan No. 1. 1.20 P.M. Light crust on pan, snow fairly firm. Hood free from frost.
Pan No. 2. Free from frost. Snow on ground mellowed beneath icy crust. Ice on snow surface crumbling.
16 - Pan No. 1. 2. 20 P.M. Snow in pan softer and lighter than on Jan. 15th. No snow on hood.
Pan No. 2. Snow lighter and softer than on Jan. 15th. Ice crust melted from frost on ground.
17 - Pan No. 1. 2.05 P.M. Snow fairly firm, Slight trace of snow on hood.
Pan No. 2. Snow soft and finely grained. Snow on ground crumbling and light.
18 - Pan No. 1. 1.55 P.M. Snow soft and finely grained. Hood free from frost.
Pan No. 2. Snow finely grained, slight hardening at about 1/2 inch from surface, but no decided crust. Snow on ground light, dry and crumbly.
19 - Pan No. 1. 11.55 P.M. Snow soft and wet. Hood free from frost.
Pan No. 2. Snow soft and wet. Snow on ground soft crumbly and wet.
20 - Pan No. 1. 10.25 A.M. Snow soft under slight trace of crust. Hood FREE from frost.
Pan No. 2. Snow very soft and wet, no crust. NO crust on ground, snow very soft and wet.

21 -

Field Notes On Evaporation Tahoe January 1917;
Station No.3.(Thermograph Shelter) ThicklyWooded, Fir,Few Pine.

- 22 - Pan No. 1. 9.50 A.M. Snow soft and wet. Hood free from frost.
Pan No. 2. Snow soft and wet. Snow on ground soft and wet.
- 23 -
- 24 -
- 25 - Pan No. 1. 10.00 A.M. Snow soft and wet. Hood free from frost.
Pan No.2. Snow soft and wet. Snow on ground soft, wet and crumbly.
- 26 - Pan No. 1.10.00 A.M. Snow crumbly under firm crust, weight 27.5 Refilled
with light snow, weight 85. Hood free from frost.
Pan No. 2. Snow crumbly and fine. Snow on ground light and crumbly.
- 27 - Pan No.1. 3. P.M. Snow soft and fine . Hood free frost;
Pan No.2. Snow wet and coarse, very slight crust. Snow on ground crumbly
under crust.
- 28 - Pan No 1. 10.15 A.M. Snow very soft and fine. Hood free from frost.
Pan No.2. Snow soft and fine down to two inches below surface of pan ,
then very firm.
- 29 - Pan No.1. 10.20 A.M. Snow quite firm and fine. Light snow on hood.
Pan No.2. Snow soft fine and wet. New snow on surface. New snow on ground
very soft , fine and wet.
- 30 -
- 31 - Pan No.1. 11.40 A.M. Heavycoating of light snow on hood , some new snow
blown into pan.
Pan No.2. Pan heaping with light snow, Weight 17 . Levelled off with edge
of pan weight 127. Snow on ground soft dry and light.

Field Notes On Evaporation Tahoe January 1917.
Station No. 4. (Pine Forest) Wooded, Typical Pine Forest. Tavern Woods.

- 1
2
3 - Pan No. 1. 10. A.M. Snow dropped into pan while weighing.
4
5 - Pan No. 1. 9.35 A.M. Snow dropped into pan. Snow on trees melting fast.
6
7
8
9 * Pan No. 1. 10.20A.M. Snow dropped into pan while weighing.
10
11
12
13 - Pan No. 1. 11.15 A.M. Light crust of frost on pan. Frost on hood.
Pan No. 2. Heavy frost on pan. Snow on ground firm.
14 - Pan No. 1. Light crust on pan, no frost on hood. Snow finely grained.
Pan No. 2. Light crust on pan, snow finely grained.
15 - Pan No. 1. Firm crust, snow very firm. No frost on hood.
Pan No. 2. Crust not as firm as crust on Pan No.1. Snow in pan very mellow
Snow on ground mellow.
16 - Pan No. 1. Snow very firm, no crust. Light snow on hood.
Pan No. 2. Snow firm, no crust. Snow on ground firm.
17 - Pan No. 1. Snow very firm, No snow on hood.
Pan No. 2. Snow not as firm as snow in Pan No.1. Snow on ground light
and crumbly.
18 -- Pan No. 1. 1.45 P.M. Snow very fine and of even firmness throughout pan.
Snow very fine but not as firm as snow in Pan No.1.
Snow on ground fine, soft and crumbly.
19 - Pan No. 1. 11.35 A.M. Snow firm and fine. Hood free from frost.
Pan No. 2. Snow not as firm as snow in Pan No. 1. Snow in pan wet and
fine. Snow on ground wet, crumbly and free from frost.
20 - Pan No. 1. 10. A.M. Snow firm, no crust. Hood free from frost.
Pan No. 2. Snow more firm on surface than deeper in pan. Snow on ground
crumbly under fairly firm crust.
21 -
22 - Pan No. 1. 9.30 A.M. Snow firm and fine under quite a firm crust. Very
light frost on hood.
Pan No. 2. Snow crumbly under firm crust. Snow on ground crumbly under
quite a firm crust.
23 -
24 -

Field Notes On Evaporation Tahoe January 1917.
Station No.4. (Pine Forest)Wooded, Typical Pine Forest; Tavern Woods.

- 25 - Pan No.1. 9.45 A.M. Snow very firm ,having formed solid cake of coarse grained snow. Hood free from frost
Pan No. 2. Snow not as firm as snow in Pan No,1. Snow on ground crumbly under light crust.
- 26 - Pan No. 1. 9.45 A.M. Snow very firm having formed solid cake of hard grainy snow, no ice. Hood free from frost.
Pan No. 2. Snow solid cake but crumbly beneath crust on surface. Snow on ground dry and crumbly under light crust.
- 27 - Pan No.1. 3.45 P.M. Snow formed wet crumbly cake. Hood free from frost
Pan No.2. Snow wet and coarse, very slight crust. Snow on ground wet and crumbly.
- 28 - Pan No.1. 10.00A.M. Snow fine and quite firm throughout. Hood free from frost.
Pan No.2. Snow fine and quite firm. Snow on ground crumbly.
- 29 - Pan No.1. 9.50 A.M. Snow soft ,very fine and wet, slight layer of new snow blown in under hood;
Pan No.2. Layer of new snow very fine and wet on surface of pan.Old snow underneath quite firm. SNOW ON ground soft, fine, wet.
- 30 -
- 31 - Pan No.1. 10.15 A.N. New snow blown into pan , weight 24. Heavy layer of light dry snow on hood.
Pan No.2. Heaping with light dry snow, weight 101, levelled off .weight 45/2 . SNOW ON ground light, dry , soft and crumbly.

Field Notes ON Evaporation Tahoe January 1917.
Station No. 5. (Fir Forest) East of Thermo. Shelter, Thickly Wooded, all Fir

- 1
- 2
- 3
- 4 - Pan No.1. 11. A.M. Snow fell into pan while weighing.
- 5 - Pan No. 1. 10.45 A.M. Snow drifted into pan.
- 6
- 7
- 8
- 9
- 10
- 11 - Pan No.1. 11.50 A.M. Snow soft in both pans. Icy coating on ground.
- 12 - Pan No.1. 11.50 A.M. Snow Fairly firm under crust. Icy surface on snow.
- 13 - Pan No.1. 1.55 A.M. Snow fairly firm, light crust. Hood free from frost
Pan No.2. Snow quite firm under light crust. Snow on ground covered with thick coating of ice, due to dripping from trees thawing and freezing on Jan 11th. and 12th.
- 14 - Pan No.1. 12.30 P.M. Light trace of frost on pan, snow firm. Hood free from frost.
Pan No.2. Free from frost, snow fairly firm. Snow on ground wet and crumbly, ice on surface melting.
- 15 - Pan No.1. 2.20 P.M. Snow firm, light crust. Hood free from frost.
Pan No.2. Snow not as firm as snow in Pan No.1., no crust. Snow on ground mellow.
- 16 - Pan No.1. 3.05 P.M. Snow very firm. No snow on hood.
Pan No.2. Snow in Pan No.2. not quite as firm as snow in Pan No.1. Ice on surface of snow on ground melted. New snow at stations 1- 2- 4. , stations 3- 5, kept free from snowfall by density of forest growth. Snow in all pans has lost coarse grainy appearance of last two days. New snow at stations 1- 2- 4- very fine and light.
- 17 - Pan No.1. Snow very firm. No snow on hood.
Pan No.2. Faint trace of crust on snow, snow firm beneath crust. Snow on ground light and crumbly.
- 18 - Pan No.1. 2.20 P.M. Snow very firm. Hood free from snow.
Pan No.2. Snow firm but slightly softer on surface than at bottom of pan. Snow on ground light, dry and crumbly.
- 19 - Pan No.1. 12.05 P.M. Snow firm and fine. Hood free from frost.
Pan. No.2. Snow fairly firm under soft snow on surface of pan. Snow on ground wet and crumbly.
- 20
- 20- Pan No. 1. 10.45 A.M. Snow very firm, light crust. Hood free from frost.
Pan No.2. Snow firm but wet, light crust. Snow on ground crumbly and wet, no crust.

Field Notes On Evaporation Tahoe January 1917.
Station No.5.(Fir Forest)East of Thermo.Shelter. Thickly wooded, all Fir.

- 21 -
- 22 - Pan No.1. 10. A.M. Snow fairly firm under light crust. Hood free from frost.
Pan No. 2. Snow light and soft on surface, firm underneath. Snow on ground firm, no decided crust.
- 23 -
- 24 -
- 25 - Pan No.1. 10.15 A.M. Snow firm and very fine. Hood free from frost .
Pan No.2. Snow soft and wet. Snow on ground wet and crumbly.
- 26 - Pan No. 1. 10.15 A.M. Snow very firm having formed solid cake of finely grained snow. Hood free from frost.
Pan No.2. Snow crumbly under very light crust. Snow on ground fairly firm under light crust.
- 27 - Pan No.1. 3.10 P.M. Snow fairly firm but wet. Hood free from frost.
Pan No.2. Snow wet but fairly firm. Snow on ground wet and crumbly.
- 28 - Pan No.1. 10.25 A.M. Snow soft, wet and fine. Hood free.
Pan No.2. Snow fine and fairly firm. Snow on ground fairly firm.
- 29 - Pan No.1. 11.A.M. Snow very fine and soft, Very little snow on hood.
Pan NO.2. New snow in pan very soft, fine and wet, snow caked and separated from side of pan showing trace of evaporation Jan.28
New snow on ground wet, fine and soft, old snow underneath firm.
- 30 -
- 31.- Pan No.1. 12. M Snow soft ,light and fine. Hood free from snow.
Pan No.2. Snow soft light and fine. Snow on ground soft, light and dry;

Field Notes On Evaporation Tahoe January 1917

Station No. 6. Open Meadow. - Meadow exposed to sun and wind.

- 1-
- 2-
- 3-
- 4-
- 5-
- 6-
- 7-
- 8-
- 9-
- 10-
- 11-
- 12-
- 13- Pan No.1. 1.55 P.M. Light frost on pan. Wedge shaped frost crystals on hood.
Pan No.2. Snow soft on top, refilled Jan 12th., solid underneath. Heavy feather frost on pan. Snow on ground covered with tree-like frost crystals from 1/4 to 1/2 inch in length.
- 14- Pan No.1. 12.30 P.M. Solid ice, hood free from frost.
Pan No.2. Snow soft, some water. Feather frost on ground, crystals of tree-like formation.
- 15- Pan No.1. 2.20 P.M. Pan one solid cake of ice. HOOD free from frost.
Pan No. 2. Snow firm but free from crust.
- 16- Pan No.1. 3.05 P.M. Snow solid, rather fine. Hood free from frost.
Pan No.2. Snow firm. Some new snow on surface. New snow on ground.
- 17- Pan No.1. 2.30 P.M. Snow firm, slight crust on pan. Hood free from frost
Pan No.2. Snow firm, slight crust. Light crust on ground, snow beneath light and crumbly.
- 18- Pan No.1. 2.20 P.M. Light crust on pan, soft snow under crust. No frost on hood.
Pan No.2. Snow firm. Snow on ground firm under crust.
- 19- Pan No.1. 10.30 A.M. Snow fairly firm, pan having spear-like frost crystal from 1/2 to 3/4 inches in length. Wedge shaped crystals on hood.
Pan No.2. Snow firm and covered with spear-like frost crystals over an inch in length and an inch across. Snow on ground covered with large frost crystals, some measuring 1 3/4 inches long.
- 20- Pan No.1. Snow soft. Hood free from frost.
Pan No.2. Snow firm, very light crust. Snow on ground soft under light crust.
- 21- Pan No.1.
- 22- Pan No.1. 10.30 A.M. Snow quite firm. some water in pan. Hood free.
Pan No.2. Snow very firm, some water in pan. Snow on ground firm.

Field Notes On Evaporation Tahoe January 1917

Station No.6. Open Meadow, - Meadow exposed to sun and wind.

23-

24-

25- Pan No.1. 10.45 A.M. Small cake of ice, some water. WEight74, refilled with light dry snow, weight93. Hood free from frost.

Pan No.2. Snow soft. Snow on ground very light and crumbly, under crust.

26- Pan No.1. 10.45 A.M. Snow melted considerably, some water. Weight 89.2 refilled with light snow, weight 59. Hood covered with small wedge shaped frost crystals.

Pan No.2. Snow solid some water refilled. Snow in exposed pan evaporates at a ratio of 50% in comparison with pan under hood. Undoubtedly due to fact that canvas reflects suns rays and also acts in similar manner as lid on a kettle in retaining heat after surrounding air has cooled exposed pan. Very firm crust of snow on ground, snow dry and light under crust.

27- Pan No.1. 4.45 P.M. Evaporation considerable. Mostly water in pan, snow soft and wet. Hood free.

Pan No.2. Considerable water in pan, snow soft and wet. Snow on ground wet but fairly firm.

28- Pan.No.1. 10.35 A.M. Snow soft. Hood free from frost.

Pan No.2. Snow fine and quite firm. Snow on ground crumbly.

29- Pan No.1. 11.50 A.M. Snow very soft, fine, and wet. hood free from frost

Pan No.2. Snow soft fine and wet. Snow on ground at Station NO.6. very firm, wind-blown and crusty.

30-

31- Pan No.1. 1/30 P.M. Snow soft, light and fine. Hood free from snow.

Pan No.2. Snow soft light and fine, Snow on ground soft.

Field Notes ON Evapoeation Tahoe January 1917

Station No.7. (Upper Meadow) Semi Open.

- 1-
- 2-
- 3-
- 4-
- 5-
- 6-
- 7-
- 8-
- 9-
- 10-
- 11-
- 12-
- 13- Pan NO.1. Snow firm . No frost.on pan . Light frost on hood.
Pan No.2. Snow coarse grained as sugar. Heavy feather frost on pan. Snow on ground covered with tree-like frost crystals from 1/4 to 1/2 inch
- 14- Pan No.1. 1.20 P.M. Free from frost , snow firm.
Pan No.2. Free from frost. Ground free from frost, snow firm.
- 15- Pan No.1. 2.40 P.M. Snow very firm. Hood free from frost.
Pan No.2. Snow very firm. Snow on ground dry light and crumbly.
- 16 - Pan No.1. 3.30 P.M. Snow firm. HOOD free from frost.
Pan No.2. Snow FIRM .
- 17 - Pan No.1. 2.45 P.M. Snow very solid , granules of snow clear.
Pan No.2. Snow very solid. Light trace of crust on ground.
- 18+ Pan No.1. 2.50 P.M. Snow sovft under light crust. Hood free from frost.
Pan No.2. Snow firm throughout pan, decided crust on surface of pan.but no individual particles of frost. Snow on ground soft under crust
- 19- Pan No.1. Snow wet and fairly firm, small light frost crystals on pan. Needle -like and wedge shaped frost crystals on outer surface of hood.
Pan No.2. Quite firm but coarse grained from frost. Snow on ground wet and crumblyunder light crust of frost.
- 20- Pan No.1. 11.50 Snow fairly firm. HOOD free from frost.
Pan No.2. Snow firm. No crust. Snow on ground wet and crumbly under fairly firm crust.
- 21 -
- 22- Pan NO.1. 10.50 A.M. Snow soft. Hood free from frost.
Pan No.2. Snow very firm. Snow on ground fairly firm. decided crust on surface of snow.

Field Notes On Evaporation Tahoe January 1917.

Station No.7. (Upper Meadow) Semi Open.

23-

24-

25- Pan No.1. 11.00 Snow formed solid cake. Hood free from frost.
Pan No.2. Snow firm cake, no ice. Snow on ground dry and crumbly
under 1/4 inch crust.

26- Pan No.1. 11.00 A.M. Snow very firm, having formed solid cake, no ice.
Hood free from frost.
Pan No.2. Snow firm having formed solid cake. no ice or frost on pan.
Snow on ground crumbly and dry under quite a firm crust.

27- Pan No.1. 4.20 P.M. Snow soft, wet and finely grained. Hood free.
Pan No.2. Snow firm in bottom of pan, soft wet and coarsely grained
on surface of pan. Snow on ground firm but wet.

28 - Pan No.1. 10.50 Snow firm and fine. Hood free from frost.
Pan No.2. Snow firm and fine. Snow on ground firm, has quite a crust,

29 - Pan No.1. 11.23 P.M. Snow fine, wet and fairly firm. Hood free from frost.
Pan No.2. Snow soft, wet and fine. Snow on ground wet and sticky.

30-

31 - Pan No.1. Snow very firm and slightly grainy. Hood free from frost.
Pan No.2. Snow heaping over pan, light dry and soft, Snow on
ground soft, fine and wet.

Field Notes on Evaporation Tahoe February 1912.
Ice Pan No. 1 On Lake-shore near Log House.

February 1

7 roset crystals on surface of ice in pan spear shaped, $\frac{3}{4}$ of an inch across. 8 spear shaped crystals on outside of pan, and on rods supporting pan. Ice very clear and solid.

February 2

February 2

Ice very solid, small particles of white frost on surface of ice and on outside of pan. No large crystals. Rods free from frost. Tree-like feather frost $\frac{1}{4}$ inch long on ground snow.

February 3

Ice solid, hard and clear. No frost on ice in pan. Little fine white frost on rim of pan. 7 roset crystals on ground $\frac{1}{2}$ inch long. $\frac{1}{2}$ inch hard icy snow beneath frost crystals. Snow beneath $\frac{1}{2}$ inch hard crust and $\frac{1}{2}$ inch feather frost, fine dry and rather soft.

Feb 5

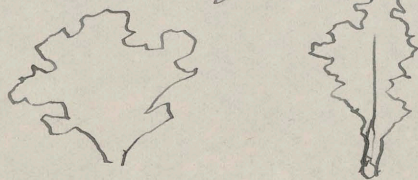
Ice very solid, small particles white frost on surface of pan. No large crystals. Tree-like feather frost on ground

February 6

Ice quite firm slightly opaque. No frost on pan or rods

February 7

Ice clear, some water, Feather frost on ground tree-like and fan shaped



Field Notes on Evaporation Tahoe February 1917

Ice Pan No. 1 On Lake-shore near Log-House

February 8

Ice clear, little water, snow on ground covered with large tree-like frost crystals more than an inch in length

February 9

Ice in pan clear and solid. Ice in pan covered with needle like white frost crystals $\frac{2}{16}$ of an inch in length and as thick as a linen thread
Frost crystals on ground cut down somewhat crystals from $\frac{3}{4}$ to 1 inch in length

February 10

Ice white and opaque, little water.
Snow on ground soft and crumbly under firm 1 inch crust of tree-like frost crystals.

February 11

Ice mostly melted. Snow on ground rather wet frost crystals cut down by rain in temperature, snow coming.

February 12

Ice clear, little water in pan. Snow on ground coarse, hard, grainy having thawed and then frozen Feb 11

February 13

Ice soft slushy and opaque, little new snow on pan.

Feb 14

Ice opaque. Snow on ground rather soft

February 15

Ice firm but opaque, snow on ground fairly firm.

Field Notes on Evaporation Tahoe February 1917
Ice Pan No 2 On River near Station No 2

February 1

Ice opaque and not very even, looks as though pan had sloped while swaying in wind.
No frost crystals on pan or rods.

February 2

Ice

Ice melting, Pan evidently swayed considerably during night, sloped over, some ice on snow on ground.
Snow on ground fine, dry and slightly soft.

February 3

Ice somewhat melted. Snow on ground fine, dry soft and sparkling.

February 5

Ice opaque. Snow on ground fairly fine & fine.

February 6

Ice clear some water, Ice evidently thawed out completely Feb 5 and re froze Feb 6, few ice is perfectly clear, not opaque as yesterday.

February 7

Some water, ice clear. Snow on ground sparkling. slight crust, no large crystals

February 8

Some ice and some water. Snow on ground sparkling with $\frac{3}{4}$ inch crust. Snow beneath crust soft and wet

February 9

Ice rather opaque, some water in pan. Snow roughened from thaw and freeze up during night of February 8. Light crust on surface snow beneath crust light and crumbly.

Field Notes on Evaporation Tahoe February 1917

Ice Pan No 2 On River near Station No 2

February 10

Muddy water in pan, ice melted. Snow on ground firm and wet having clear granular crust

February 11

Little ice in pan, some water. Snow on ground soft, wet, clear and coarse.

February 12

Ice clear, some water. Snow on ground firm, coarse, grainy and rather wet.

February 13

Ice opaque. Snow on ground very firm

February 14

Ice slightly opaque, some water.
Snow on ground has firm crust, soft, crumbly and grainy underneath.

February 15

Ice fairly clear, little water in pan.
Snow on ground firm on surface, rather crumbly underneath