


Field Notes on Evaporation Tahee Cal. March 1917.

Station No. i. Pan No. 1. (At Log House) Semi Open.

March 1, - Pan No. 1. Snow soft and fine. Hood free from frost.

Pan No. 2. Snow soft and fine, slight cruston surface of pan. Snow on ground firm, sparkling but no frost crystals.

March 2; - Pan No. 1. Snow very fine, firm and contracted considerably from pan. Needle-like frost crystals $2/16$ of an inch in length on South side of hood. East side of hood free. Wedge shaped frost crystals on North and West side of hood. Inner surface on North side of hood covered with $1/16$ inch wedge shaped crystals, other three sides of hood free. Rods free from frost.

Pan No. 2. Snow not quite as firm as snow in Pan No. 1. Snow very fine and sparkling. Rather yielding to touch. Wires free from frost. Tiny coral shaped crystals on outer side of pan on West side. Rods covered with small wedge shaped and coral-like crystals. Snow on ground very firm and glittering. No large crystals. 

March 3, - Pan No. 1. Snow very fine firm and dry. Ice forming in bottom of pan. Hood covered with needle-like frost crystals on South and East side $1/4$ inch in length. Wedge shaped frost particles on North and West side of hood. Under side of hood, rods, pan, and wires free from frost.

Pan No. 2. Snow very fine and firm, slightly icy at bottom of pan. Snow on ground very firm and sparkling, no large crystals.

March 4. - Pan No. 1. Snow melted down to loose, coarse snow and water. Hood free from frost.

Pan No. 2. Snow coarse and wet but firm. No frost. Snow on ground slippery and firm.

March 5.- Pan No. 1. Snow soft and slushy. Some water.

Pan No. 2. Snow firmer than snow in Pan No. 1., finer and whiter. Snow on ground wet, soft and slippery.

March 6. - Pan No. 1. Solid opaque ice in pan. Hood free from frost.

Pan No. 2. Opaque ice in pan. Ice slightly grainy showing traces of melted and frozen snow. Snow on ground very firm and sparkling. No frost crystals.

Field Notes on Evaporation, Tahoe Cal. March 1917.

Station No.1. (At Log House) Semi Open. Pan No.1.and Pan No.2.

- March 7. - Pan No.1. Solid opaque ice. Snow melts rapidly during day and freezes during night. Hood free from frost.
- Pan No.2. Solid opaque ice. Snow on ground very firm but rather clear and granular.
- March 8. - Pan NO.1. Snow fairly firm contracted cake, rather clear and granular on surface. Hood free from frost.
- Pan No.2. Snow very firm. Clear, coarse and granular on surface. Snow on ground very firm, bearing weight without a break. Clear and granular on surface, fine and firm beneath clear granular crust.
- March 9. - Snowing steadily, wind blowing considerable, snow drifting. Impossible to get weights. Working on notes.
- March 10.- Pan No.1. Snow drifting into pan.
- Pan No.2. 18 inches of new snow piled above surface of pan. Snow then sunshine. Impossible to take true measurements until after storm is over. working on notes.
- March 11.- Not at work.
- March 12.- Not at work. Harry taking measurements. No field notes.
- March 13 - Snowing too much to take measurements. working on notes
- March 14- Pan No.1. Pan emptied and refilled after storm. Little snow on hood. Small icicles pendant from South and East side of hood.
- Pan No.2. Pan heaping with new snow. Pan emptied out and refilled after storm. Snow on ground very soft, light, dry and fine.
- March 15- Pan No.1. Snow melted down considerable. Little water and small cake of ice left in pan. Icicles from 1 to 3 inches in length pendant from all sides of hood.
- Pan No.2. Snow very soft, loose and fine, snow contracted from pan. Loose frost sparkles 1/8 inch across scattered over surface of snow in pan. Rods white with hoar frost but no decidedly individual crystals. Snow on ground loose and sparkling. No crust and no large frost crystals.
- March 16 -Pan No.1. Little opaque ice and water in pan. Icicles 3 inches in length pendant from North side of hood. Hood free from frost.

Field Notes on Evaporation, Tahoe March 1917.

Station No.1. (At Log House) Semi Open - Pan No.1. and Pan No.2.

March 16 - Pan No.2. Snow fairly firm and fine, slight crust, no ice. snow contracted from pan. Snow on ground firm on surface, soft and fine underneath.

March 17 Pan No.1. Snow soft, coarse, wet and icy. Hood free from frost.

Pan No.2. Snow whiter, finer and firmer than snow in Pan No.1. Snow on ground soft and wet on surface, but fairly well settled.

March 18- Pan No.1. Snow melted considerably, clear, coarse and grainy. HOOD free from frost.

Pan 2 Snow fine and fairly firm. Snow on ground firm, very light feather frost.

March 19 - Pan No.1. Snow melted. Coarse, wet clear, some water, some ice in pan. Hood free from frost.

Pan No.2. Snow coarse, grainy and wrinkled across surface from contraction and expansion. NO ice and no water in pan. snow very hard and solid. Snow on ground very firm. Sparkling crust. Rather soft and crumbly beneath crust.

March 20 - Pan No.1. Snow melted. Water, ice and coarse, wet, snow. Snow in center of pan roughened wet and broken. All pans refilled daily with exception of Stations 3-4-5 These stations are in pine and fir forests, so snow does not evaporate as quickly as snow in pans placed in open or semi open spaces. Hood free from frost.

Pan No.2. Snow hard, solid cake, roughened, grainy and broken on surface. Bottom of pan dry, no ice. Snow on ground very hard icy crust. Snow rather softer below surface.

March 21 - Pan No.1. New snow blowing into pans. 1/4 inch light new snow on hood. Not enough new snow to refill pans, so weighing pans without refilling.

Pan No.2. 1 inch loose, soft, new snow in pan. New snow rolled into tiny balls, of same size and formation as sago, by action of wind. Snow on ground very firm beneath 1 inch light, loose, new snow

March 10 - Pan No. 1. Snow fairly firm and fine, slight crust, no ice. Snow contracted from pan. Snow on ground firm on surface, soft and fine underneath.

March 17 Pan No. 1. Snow soft, coarse, wet and icy. Snow from frost. Pan No. 2. Snow white, finer and firmer than snow in Pan No. 1. Snow on ground soft and wet on surface, but fairly well settled.

March 18 - Pan No. 1. Snow melted considerably, clear, coarse and grainy. Snow free from frost.

Pan 2 Snow fine and fairly firm. Snow on ground fine, very light leather frost.

March 19 - Pan No. 1. Snow melted, coarse, wet clear, some water, some ice in pan. Snow free from frost.

Pan No. 2. Snow coarse, grainy and wrinkled across surface from contraction and expansion. No ice and no water in pan. Snow very hard and solid. Snow on ground very firm. Spalling crust. Rather soft and crumbly beneath crust.

March 20 - Pan No. 1. Snow melted. Water, ice and coarse, wet snow. Snow in center of pan rounded wet and broken. All pans refilled fairly with exception of Station 2-1-3. These stations are in pine and fir forests, no snow loss, not evaporate as rapidly as snow in pans placed in open or semi open spaces. Snow free from frost.

Pan No. 2. Snow hard, solid, wet, rounded, grainy and broken on surface. Bottom of pan dry, no ice. Snow on ground very hard, icy crust. Snow rather softer below surface.

March 21 - Pan No. 1. New snow blowing into pans. 1/2 inch light new snow on hood. Not enough new snow to refill pans, no weighing pans without refilling.

Pan No. 2. 1 inch loose, soft, new snow in pan. New snow rolled into tiny balls, of same size and formation as snow, by action of wind. Snow on ground very firm beneath 1 inch light, loose, new snow.

Field Notes On Evaporation, Tahoe, March 1917.

Station No.1. (At Log House) Semi Open.

March 22 - Pan No.1. Snow melted. Solid opaque ice in pan. Ice raised in center from contraction and expansion. Hood free from frost.

Pan No.2. Old snow in pan coarse, clearly granular cake, contracted from pan. Soft light snow on surface of pan.

March 23 - Pan No.1. Some water in pan. Ice hard, opaque and lumpy. Hood free from frost.

Pan No.2. Ice hard, lumpy and broken across surface. Some hard, white, grainy snow.

March 24 - Pan No.1. Snow melted down considerably, clear, wet and crumbly coarse snow and water. Pans lowered to surface of ground. Hood free from frost.

Pan No.2. 1 inch clear, glassy ice spread over bottom of pan. Broken cake coarse, white, grainy snow on top of ice. Snow on ground firm and grainy. 1 inch of sparkling grainy crust on surface.

March 25 - Pan No.1. Snow melted. Water and clear ice in pan. Hood free from frost.

Pan No.2. Snow melted. Water and clear ice in pan. Snow on ground clear, crusty and granular on surface, snow finer and softer beneath surface.

March 26 - Pan No.1. Snow firm, coarse, grainy cake, slightly roughened and cracked across surface.

Pan No.2. Snow slightly finer than snow in Pan No.1. but broken and cracked from contraction and expansion. Some ice, and some water in pan. Snow on ground firm, coarse, grainy and roughened on surface.

March 27 - Pan No.1. Snow soft, grainy, broken, wet and crumbly. Hood free from frost.

Pan No.2. Snow softer, clearer, and more grainy than snow in Pan No.1. Snow in both pans melted considerably since March 26, 5.P.M

Field, Notes On Evaporation, Tahoe, March 1917

Station No.1. (At Log House) Semi Open.

March 28 - Pan No.1. Water, clear ice, and clear, coarse, granular snow at bottom of pan. Snow on surface of pan coarse, white firm and granular. Hood covered with small drops of dew .

Pan No.2. $\frac{1}{4}$ inch clear ice in pan. some water. Snow very firm, coarse and granular.
Snow on ground coarse, granular and sparkling on surface. Firm and crusty. Ice strata in snow melted.

March 29 - Pan No.1. Snowing, rain , hail, sleet, wind. Working on notes.

March 30 - Pan No.1. 2 inches light, new snow on hood. Opaque ice in pan.

Pan No.2. Opaque ice in pan. Little new snow on surface. Both pans thawed out and refilled.
From 2 to 3 inches new snow on ground.

March 31 - Pan No.1. Snow firm, fine, white cake. Little evaporation, no ice, no water.

Pan No.2. Snow very firm, fairly fine white cake. No ice, no water slight, smooth, firm crust.
Snow on ground fine, white, firm and crusty on surface.

WESTERN BOND

Field Notes On Evaporation Tahoe March 1917.

Ice Pan No.1. (Set 20 feet North of Station No.1.) Semi Open.

March 1

March 15 - Ice Pan reset 20 feet North of Station No.1.

March 16 - Ice rather opaque, feather frost 1 inch in length on ice in pan
Frost crystals smooth thin and feather-like.
Snow on ground sparkling, but no large crystals
on ground.



March 17 - Ice slightly opaque, some water in pan.
Snow on ground soft wet, and sparkling.

March 18 - Ice almost clear. Quaint mossy formation in clear ice, formation resembles green upright water mosses found about springs and the banks of small streams. Ice moss springs upward from bottom of pan keeping upright position and becoming slightly feathery toward the top like the water moss which it resembles, but with this exception. The ice moss is simply a frost formation showing through the ice and not a growth.
No frost on surface of pan or on rods. 1/8 inch feather frost on ground.

March 19 - Ice clear. Mossy formation in pan expanding, single stems branching out and putting forth hair-like feelers which gives this moss a feathery appearance.
Snow on ground very firm, sparkling crust. Snow firm beneath crust.

March 20 - Ice still clear and mossy, slightly raised and cracked across center from contraction and expansion.
Snow on ground very firm and glittering on surface but no large crystals

March 21 - 1 inch soft sago-like snow on surface of ice in pan.
Snow on ground rounded into tiny balls by action of wind.

March 22 - Ice solid opaque, very light sparkling snow on top of ice
Snow on ground very firm and icy under light layer soft, fine snow.

March 23 - Some water, Ice fairly clear, cracked and raised in spots. Little mossy formation in ice where ice is clear.

March 24 - Ice clear with mossy formation at bottom of pan. Snow on ground firm

Field Notes On Evaporation Tahoe March 1917.

Ice Pans No.1. (Set 20 feet North of Station No.1.) Semi Open.

- March 25 - Mostly water, little clear ice.
Snow on ground thawing considerable, clear and granular on surface.
- March 26 - Ice clear, little water. Snow on ground firm.
- March 27 - Ice very clear and firm, great deal of water in pan.
Snow on ground soft and crumbly, slippery and thawing rapidly.
- March 28 - Little clear uneven ice, considerable water in pan.
Snow on ground coarse, granular firm.
- March 29 -
- March 30 - New snow on ice in pan, Snow on ground soft.
- March 31.- Ice pan refilled. Snow on ground soft.

Field Notes On Evaporation Tahoe March 1917.

Ice Pan No.2. (Set at Station No.2.) Semi Open.

- March 15 - Ice pan dug out of snow and reset.
- March 16 - Opaque ice and water in pan .
Snow on ground settled considerably, fine and fairly firm.
- March 17 - Opaque ice, some water.
Snow on ground thawing, wet and settling.
- March 18 - Ice slightly opaque but having same mossy formation as Pan No.1.
Snow on ground soft, wet and thawing.
- March 19 - Ice opaque, some water in pan.
Snow on ground thawing, rather wet but fairly well packed.
- March 20 - Ice slightly opaque, some water.
Snow on ground thawing, roughened and grainy, fairly firm.
- March 21 Ice slightly opaque, some water in pan.
Snow on ground firm, little new snow on ground.
- March 22 - Ice opaque, slightly rough on surface.
Snow on ground fairly firm.
- March 23 - Little opaque ice and some water in pan.
Snow on ground very firm, slightly clear and granular on surface.
- March 24 - Opaque ice and some water.
Snow on ground wet, thawing.
- March 25 - Ice melted, water in pan.
Snow on ground soft, crumbly, wet and thawing.
- March 26 - Ice clear and smooth, very little water.
Snow on ground coarse and grainy on surface.
- March 27 - Thin sheet of perfectly clear ice, some water.
Snow on ground coarse, wet, heavy, granular and thawing rapidly.

Field Notes On Evaporation Tahoe March 1917.

Ice Pan No.2. (Set at Station No.2.) Semi Open.

March 28 - Clear, firm ice, very little water.
Snow on ground firm, crusty and crunching.

March 29 -

March 30 - 2 inches new snow in pan. Snow on ground soft.

March 31 - Pan emptied and refilled.
Snow on ground firm, fine, smooth.

Field Notes on Evaporation, Tahoe, March 1917.

Station No. 2. (Old Power Cabin Site- On River) Semi Open.

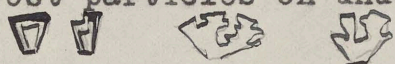
March 1 - Pan No .1. Snow very firm. Probably due to fact that snow was wet when pan was filled. Hood free from frost.

Pan No.2. Snow not as firm as snow in Pan No.1. Snow fine and contracted from pan . Snow on ground very firm.

March 2 - Pan No.1. Snow very fine and very firm, contracted from pan slightly icy on surface on South side of pan. South side of hood covered with needle-like frost crystals. East, West and North side of hood covered with wedge shaped frost crystals. Under side of hood covered with tiny frost particles. Rods covered with wedge shaped frost crystals from 1/16 to 2/16 of an inch in length .

Pan No.2. Snow very fine and firm, contracted from pan but no ice. Wedge shaped crystals 2/16 inch long on rods. Snow on ground firm but not quite as firm as snow on ground at Station No.1.

March 3 - Pan No.1. Snow very firm and fine. Snow settled in pan considerably but not drawn away from side of pan. Wedge shaped and coral-like frost formation on all outer surfaces of hood. Very light frost particles on under surface of hood. Rods free from frost.



Pan No.2. Snow very fine, firm and contracted from pan. Rods free from frost. Snow on ground firm and glittering but no large crystals.

March 4 - Pan No.1. Snow coarse, wet and granular, some water in pan . Hood free from frost.

Pan No.2. Snow not as firm as snow in pan No.1. , whiter and coarser but not as wet .
Snow on ground firm, wet and slippery.

March 5 - Pan No.1. Snow firm, granular and rather wet. Hood free from frost.

Pan No.2. Very soft partly slushy snow and water.
Snow on ground very damp, crumbly and slippery.

March 6 - Pan No.1.

March 6 - Pan No.1. Snow melted and frozen. Opaque ice in pan . Very light wedge shaped frost crystals on South side of hood.

Pan No.2. Opaque ice in pan. Ice raised and broken in center as though pan would not allow sufficient expansion .
Snow on ground very firm and sparkling but no frost crystals.

Field Notes On Evaporation, TAhoe , March 1917.

Station No.2. (Old Power Cabin Site) On River - Semi Open

March 7 - Pan No.1. Solid cake opaque ice, ice smooth. Hood free from frost.

Pan No.2. Opaque ice slightly raised and cracked through center by contraction and expansion.

Snow on ground very firm, clear, granular crust on surface, fine and well packed beneath crust.

March 8 - Pan No.1. Snow very firm and very fine, contracted from pan . Hood free from frost.

Pan No.2. Snow rather coarse and grainy on surface and not quite as firm as snow in Pan No.1.

Snow on ground very firm. Coarse and clearly granular on surface.

March 9 - Pan No.1. Snowing steadily

March 10 - Pan No.1. Snow drifted into pan.

Pan No.2. Piled high with new snow.

March 11 -

March 12 -

March 13 - Still snowing.

March 14 - Pan No.1. New snow drifted into pan . Pan empty and refilled.

Pan No.2. Piled with new snow . Pan dug out and refilled.

Snow on ground very soft, light and fine. Composed of tiny star shaped particles .

March 15 - Pan No.1. Snow melted down considerable. Very soft and light on surface , little ice at bottom of pan. Hood has little light snow on surface.

Pan No.2. Very little snow left in pan , snow melted down considerably. Little ice at bottom of pan.

Snow on ground light, soft and fine, sparkling on surface.

March 16 - Pan No.1. Snow melted considerably . Coarse and icy, little water in pan . Spear-shaped and irregular feather frost on North side of hood.

Pan No.2. Opaque ice and some water in pan.

Snow on ground quite firm and sparkling on surface. Soft and fine

underneath

Field Notes On Evaporation, Tahoe, March 1917.

Station No .2. (Old Power Cabin Site) On River- Semi Open.

- March 17 - Pan No.1. Snow soft, coarse, and melted down considerably.
Hood free from frost.
- Pan No.2. Snow soft, coarse, clear. Some water in pan .
Snow on ground well packed wet and fine.
- March 18 - Pan No.1. Snow coarse, grainy, some ice and some water. Hood free
from frost.
- Pan No.2. Snow coarse, grainy, clear, some ice and some water.
Snow on ground has 1 inch firm sparkling crust. No frost crystals;
- March 19 - Pan No.1. Snow melted. Clear coarse snow, ice and water in pan .
Hood free from frost.
- Pan No.2. Snow melted. Opaque ice and water in pan.
Snow on ground firm and fine under 1/2 inch sparkling crust of snow.
- March 20 - Pan No 1. Ice and water on bottom of pan. Coarse, wet, roughened
and broken snow in center of pan. Hood free from frost.
- Pan No.2. Coarse, wet , opaque ice and water.
Snow on ground firm. Rough and crusty on surface.
- March 21 - Pan No.1. Snow in pan coarse and wet. New snow blown into pan.
1/2 inch new snow on hood. Not enough new snow on ground to refill
pans.
- Pan No.2. New snow blown into pan .
Snow on ground firm under light coating new snow. New snow com-
posed of star-like and tiny sago like particles.
- March 22 - Pan No.1. Snow in pan melted. PAN having solid cake fairly clear
ice, cracked, raised and broken in center as a result of contraction
and expansion.
- Pan No.2. Solid, opaque, roughened ice , cracked and broken in cente
Snow on ground firm under lynch layer of light, soft snow.
- March 23 - Pan No.1. Snow firm, slightly wet and grainy. 1/2 inch of clear
solid ice at bottom of snow cake. Hood free from frost.
- Pan No.2. Snow finely grained contracted cake. No ice and no water
Slightly yielding to touch. Hood free from frost.
Snow on ground very firm on surface,

Field Notes On Evaporation, Tahoe, March 1917.

Station No.2. (Old Cabin Site) On River Semi Open.

March 24 - Pan No.1. Snow very hard, dry, grainy cake. 1/2 inch of ice at bottom of pan. Hood free from frost.

Pan No.2. Very firm, fine cake, icy at the bottom of pan. Smooth and firm on surface. Will not yield to touch. Snow on ground coarse, firm, granular and crusty.

March 25 - Pan No.1. Soft slushy snow, clear ice and water. Hood free from frost.

Pan No.2. Snow not melted quite as much as snow in Pan No.1. Clear ice, slush snow and water. Snow on ground clear, granular.

March 26 - Pan No.1. Very firm, coarse, slightly cracked cake. Crusty and granular on surface. Some water and little ice at bottom of pan. Hood free from frost,

Pan No.2. Snow rather coarse, clear, granular and crumbly. some water
Snow on ground coarse, granular and crusty on surface.

March 27 - Pan No.1. Snow very soft, clearly granular and wet at bottom of cake. Coarse and white as sea salt at surface of snow cake. Considerable water in pan. Hood free from frost.

Pan No.2. Firmer and more coarse and wet than snow in Pan No.1. Considerable water. Snow on ground very crumbly, heavy, wet and soft.

Field Notes On Evaporation Tahoe March 1917

Station No.2. (Old Power Cabin Site - On River) Semi Open.

March 28 - Pan No.1. Little clear ice and some water in pan. Snow rather clear and coarse on surface, dry and slightly yielding to touch. Hood covered with tiny drops of dew.

Pan No.2. Little ice and some water at bottom of pan. Snow fine, white and very firm. Snow on ground fine and firm on surface but yielding beneath crust.

March 29 - Snowing.

March 30 - Pan No.1. 4 inches new snow on hood. Opaque ice in pan, pan refilled.

Pan No.2. Opaque, grainy ice in pan, little new snow on surface of ice. New snow three or four inches deep on ground.

March 31 - Pan No.1. Snow very firm, fine cake, smooth crust on surface. No ice and no water in pan. Hood free from frost or dew.

Pan No.2. Snow firm, fine cake, slight crust on surface. Snow on ground firm, having smooth, firm crust.

Field Notes On Evaporation Tahoe March 1917.

Experimental Pans (10 feet North of Station No.2.) Semi Open.

Experimental Pan No.1. Snow quite firm and fine, slightly contracted from March 1. pan.

Experimental Pan No.2. Snow firmer than snow in Pan No.1., snow fine.

Experimental Pan No.3. Snow rather soft and fine.
Snow on ground firm.

March 2- Pan No.1. Snow fine, firm and sparkling?, surface about as coarse as sugar, no large frost crystals.

Pan No.2. Snow fine but not quite as firm as snow in Pan No.1. slightly granular and contracted from pan.

Pan No.3. Snow icy, granular on surface.
Snow on ground sparkling, no large frost crystals.

March 3 - Pan No.1. Snow soft and fine.

Pan No.2. Snow soft and fine.

Pan No.3. Snow soft and fine
Snow on ground firm and sparkling.

March 4 - Pan No.1. Snow fine, firm and contracted from pan.

Pan No.2. Snow quite firm, coarser and more granular than snow in Pan No.1. contracted from pan.

Pan No.3. Snow thawed, then frozen, small cake slush ice in pan.
Snow on ground wet, firm and slippery.

March 5 - Pan No.1. Snow melted down. Pan 3/5 full of fairly firm snow.

Pan No.2. Snow thawed and frozen, slush ice in pan.

Pan No.3. Slush ice in pan.
Snow on ground fairly firm.

March 6 - Pan No.1. Snow firm, fine, contracted from pan, cracked across surface as though top had contracted more than snow in body of pan, hence shrinkage of top caused surface of snow to split when cooling and expansion processes began.

Pan No.2. Snow very hard and grainy with same peculiar cracked and shrunken appearance as Pan No.1.

Pan No.3. Snow very hard and coarse, mostly ice.
Snow on ground very firm and sparkling.

Field Notes On Evaporation Tahoe March 1917.

Experimental Pans (10 feet North of Station No.2.) Semi Open.

- March 7 - Pan No.1. Snow firm, slightly clear along edges rather granular on surface, bulk of snow in pan firm.
- Pan No.2. Snow granular coarser and wetter than snow in Pan No.1. and slightly contracted from pan.
- Pan No.3. Slightly contracted from pan, coarsely grained and rather clear.
Snow on ground firm and clearly granular on surface, fine and well packed beneath clear granular crust.
- March 8 - Pan No.1. Snow rather fine , slightly wet and yielding to touch.
- Pan No.2. Snow soft, coarse and granular on surface, firm and icy underneath.
- Pan No.3. Snow coarse, granular and icy, little water.
Snow on ground very firm, coarse and clearly granular on surface.
- March 9 - Pan No.1.
- March 10 -
- March 11 -
- March 12 -
- March 13 -
- March 14 - Pan No.1. Pans No.1. - No.2. - No.3. dug out of snow and refilled.
- March 15 - Pan No.1. Snow light and fine but fairly firm.
- Pan No.2. Snow soft, fine and light on surface. Little water in pan
- Pan No.3 . Snow mostly melted, little ice in pan.
Snow on ground very light, fine and floury.
- March 16 - Pan No.1. Snow soft, very fine and slightly contracted from pan.
- Pan No.2. Snow mostly melted, wet and coarse.
- Pan No.3. Snow melted, some water and small piece of ice in pan.
Snow on ground fine, slight crust,
- March 17 - Pan No.1. Snow wet and grainy contracted considerably.
- Pan No.2. Snow wet, grainy and contracted considerably.
- Pan No.3. Snow melted, little opaque ice and water in pan. Snow on fine, rather wet but well packed.

Field Notes On Evaporation Tahoe March 1917.

Experimental Pans (10 feet North of Station No.2.) Semi Open.

- March 18 - Pan No.1. Snow quite firm on surface, contracted and cracked in ridges.
- Pan No.2. Snow coarse, grainy and considerably melted, some ice.
- Pan No.3. Small handful of ice, some water.
Snow on ground fairly firm.
- March 19 - Pan No 1. Snow firm grainy cake, raised and cracked across center from contraction and expansion.
- Pan No.2. Snow coarse, clear and icy. Contracted a great deal.
- Pan No.3. Small piece of ice raised and broken in center from contraction and expansion.
Snow firm, fine and well packed beneath $\frac{1}{2}$ inch sparkling roughened crust.
- March 20 - Pan No.1. Snow soft, wet, grainy, coarse and crumbly. Snow very much contracted, very little water in pan.
- Pan No.2. Snow coarse, clear, grainy, icy, some water in pan. Snow lumpy and broken on surface.
- Pan No.3. Snow frozen into lump of clear, solid ice.
Snow on ground roughened on surface, fairly firm grainy crust.
- March 21 - Pan No.1. Old snow in pan fairly firm. $\frac{3}{4}$ inch soft, fine new snow on surface.
- Pan No.2. Old snow coarse, wet, firm. New snow on surface fine.
- Pan No.3. Old snow coarse and wet. New snow dry soft and fine.
Snowing, useless to refill pans.
Old snow on ground firm under fine new snow.
- March 22 - Pan No.1. Soft light snow on surface, then cake firm clearly granular snow, 1 inch ice on bottom of pan.
- Pan No.2. Coarse, lumpy, opaque ice partly covered with crumbly slightly clear granules of snow. Half of snow cake icy groups of fine needle-like frost crystals on surface, of ice
- Pan No.3. Some coarse opaque ice but mostly light soft snow which has become granular in places.
Snow on ground very firm under light soft layer of new snow

Field Notes On Evaporation Tahoe March 1917.

Experimental Pans (10 feet North of Station No.2.) Semi Open.

- March 23 - Pan No.1. Snow contracted from pan, clearly granular and slightly damp around edges of snow cake. Main bulk of snow cake finely grained but yielding to touch. Cracked and broken across surface of pan.
- Pan No.2. Soft, grainy, crumbly white snow on surface, $\frac{1}{2}$ clear ice on bottom of pan.
- Pan No.3. Very little clear, crumbly snow left in pan. Little clear ice.
Snow on ground firm under 1 inch light, soft, new snow.
- March 24 - Pan No.1. Cake coarse, crumbly, grainy white snow, some clear ice and a little water. Granules of snow cake separate readily
- Pan No.2. Clear ice around the edges of cake, broken, raised, opaque ice in center.
- Pan No.3. Clear ridgy ice about outer edges of cake. Clear, coarse granular snow in center of pan.
Snow on ground very firm. Sparkling and crusty on surface
- March 25 - Pan No.1. Soft white, slightly granular snow on surface, THEN clear wet, granular snow, some ice and some water.
- Pan No.2. Mostly water, some clear crumbly snow.
- Pan No.3. Very little water and very small cake clear lumpy ice.
Snow on ground clearly granular on surface, softer and more crumbly underneath.
Shadow passes over Snow Thermograph and over Experimental Pans at 11.30 and again at 3.40
- March 26 - Pan No.1. Coarse, wet, rather roughened and crumbly cake. Little water at bottom of pan.
- Pan No.2. Snow wet, coarse, clear, granular. Some water in pan.
- Pan No.3. Coarse lumpy ice, some white snow, little water. Ice and snow firmer than ice and snow in Pan No.1.
Snow on ground firm, coarse, granular, dry and crusty,
- March 27 - Pan No.1. Little ice some water, snow white, coarse, wet and crumbly
- Pan No.2. Clear, coarse, granular snow, ice and water.
- Pan No.3. No snow slightly warm water.
Snow on ground coarse, wet, granular and thawing fast.

Field Notes ON Evaporation Tahoe March 1917.

Experimental Pans (10 feet North of Station No.2.) Semi Open.

March 28 - Pan No.1. Snow firm, coarse, white cake, clear ice and water at bottom of pan.

Pan No.2. Clear firm, ice and clear, granular snow.

Pan No.3. Clear coarse ice and little granular snow.
Snow on ground firm and crunching on surface, finer and softer under crust.

March 29 -

March 30 - Pan No.1. Filled with new snow and opaque ice at bottom of pan.

Pan No.2. Opaque ice, very little new snow.

Pan No.3. Pan 1/3 full of new snow.
3 or 4 inches new snow on ground, old snow underneath firm.

March 31 - Pan No.1. Snow very firm, fine, smooth, no ice and no water.

Pan No.2. Snow very firm, fine, smooth, no ice and no water.

Pan No.3. Firm fine cake snow, little ice.
Snow on ground firm and fine.

Field Notes On Evaporation, Tahoe, March 1917.

Station No.3. (Thermograph Shelter) Fir Forest, Tavern Forest.

- March 1 - Pan No.1. Snow soft and fine, hood free from frost.
Pan No.2. Snow soft and fine. Snow on ground very firm and fairly fine.
- March 2 - Pan No.1. Snow slightly granular on surface, soft and yielding beneath very light crust. Tiny frost sparkles on hood, those on North and East side of hood most prominent. Rods free from frost,
Pan 2 Snow very soft, light and dry. Snow very fine.
Snow on ground very firm under 1 inch of soft, light, snow.
- March 3 - Pan No.1. Snow crumbly beneath crust. Hood free from frost.
Pan No.2. Snow very fine and soft.
Snow on ground quite firm, fine and dry.
- March 4 - Pan No.1. Snow soft, crumbly and fine. Hood free from frost.
Pan No.2. Snow very soft and fine.
Snow on ground very fine, firm and slippery.
- March 5 - Pan No.1. Snow granular and soft, slightly clear on surface. Hood free from frost.
Pan No.2. Snow clearly granular on surface, slight crust, quite firm
- March 6 - Pan No.1. Snow very firm, clearly granular on surface. Broken, seamed and contracted. Showing expansion in cooling caused contracted surface of snow to split, leaving snow broken and separated in center of pan. Snow in bottom of pan does not warm through as rapidly as snow on surface, so the shrunken, contracted surface snow, is split by the pressure of the main bulk of the cooler snow.
Pan No.2. Snow very granular and slightly clear on surface, soft beneath light crust.
Snow on ground firm.

The contracted, wrinkled, and broken surface, described in Pan No.1 appears most frequently on the surface of hooded pans, due no doubt the fact that the hood acts as a lid in retaining heat, although the surface of open pans become contracted and broken when the day is particularly warm and there is little moisture in the air.

Field Notes On Evaporation, Tahoe, March 1917.

Station No.3. (Thermograph Shelter) Fir Forest, Tavern Woods.

March 7 - Pan No.1. Snow granular, broken and furrowed by contraction and expansion, but fairly firm on surface. 1 1/2 inches ice at bottom of pan. Hood free from frost.

Pan No.2. Snow on surface very soft, 1 inch ice at bottom of pan. Snow on ground very fine and firm.

March 8 - Pan No.1. Snow very firm, fine, contracted and slightly granular on surface. Hood free from frost.

Pan No.2. Snow very fine, firm and contracted. Sparkling on surface, but no frost crystals. Snow on ground fine and firm under a coarse, clearly granular surface.

March 9 - Pan No.1. Snowing and blowing.

March 10 - Stations 3 and 5 sheltered by fir forest, not as much snow on hood and in pans as at other stations.

March 11 - Snowing.

March 12 - No field notes.

March 13 - No field notes. Snowing.

March 14 - Pan No.1. Six inches light, new snow on hood and rods. Pan covered with new snow, pan thawed out and refilled.

Pan No.2. New snow 18 inches above rim of pan. Pan thawed out and refilled.

Snow on ground fine, soft and wet, snow light and drifted considerable

March 15 - Pan No.1. Snow even with rim of pan. Little light, fine, snow drifted into pan. Little light snow on hood.

Pan No.2. Light, fine, soft, snow drifted into pan. Snow on ground light, fine and soft.

March 16 - Pan No.1. Snow very fine, soft, and rather wet. Hood free from frost.

Pan No.2. Snow soft and fine, but slightly firmer than snow in pan No.1.

Snow on ground soft, light, and fine.

Field Notes On Evaporation, Tahoe. March 1917.

Station NO .3. (Thermograph Shelter) Fir Forest, Tavern Woods.

- March 17 - Pan No.1. Snow soft, fine, and contracted. Hood free from frost.
Pan No.2. Snow slightly firmer and more damp than snow in Pan NO.1
Snow on ground fine, soft, wet and fairly well packed.
- March 18 - Pan No.1. Snow very soft, fine and dry. Hood free from frost.
Pan No.2. Snow very fine and floury, but slightly firmer than snow
in Pan No.1.
Snow on ground very fine, fairly dry and soft.
- March 19 - Pan No.1. Snow melted down $\frac{2}{3}$. Very soft, slightly roughened
and grainy on surface, but dry and fine underneath.
Pan No.2. Snow soft, fine, and rather damp. Surface clear and
grainy.
Snow on ground rather clear and granular on surface. Snow softer
and finer than snow on ground at Station No.1.- 2 -4.
- March 20 - Pan No.1. Snow in pan very fine and firm. Hood free from frost.
Pan No.2. Snow very fine but not as firm as snow in Pan No.1.
Snow on ground very fine, firm, and slightly damp.
- March 21 - Pan No.1. Snow fine and firm. Little new snow drifted in on sur-
face of pan. $\frac{1}{4}$ inch light, dry, new snow on hood. Both stat-
shaped and sago-like particles of snow on hood.
Pan No.2. Old snow in pan fairly firm, new snow on surface soft,
light and dry.
New snow on ground soft, light, and dry.
- March 22 - Pan No.1. Old snow in pan coarse, granular cake, quite firm. 1
inch very fine, light snow on surface of old snow in pan.
Pan No.2. Cake coarse, granular snow, granules separating readily
1 inch light, soft, new snow on surface of old snow in pan.
Snow in pans at Station No.3. in same condition as snow on ground
so judged that a truer record of evaporation could be obtained by
leaving pans undisturbed as there was neither water or ice in pans;
than if pans were refilled with the light, new, surface snow, which
settles and evaporates more quickly than the compact bulk of snow
on the ground.

Field Notes On Evaporation, Tahoe, March 1917.

Station No.3. (Thermograph Shelter.) Fir Forest, Tavern Woods.

March 23 - Pan No.1. Snow contracted, grainy and yielding to touch throughout pan but having very thin firm crust on surface.

Pan No.2. Snow wet,,not as firm as snow in Pan No.1. Surface of Pan No.2. quite soft and fine. Little snow dropped into pan from trees.

Snow on ground very fine on surface, crumbly and yielding to touch

March 24 - Pan No.1. Snow fairly firm grainy cake, slightly finer and firmer on surface than throughout pan.

Pan No.2. Snow finer and not nearly as firm as snow in Pan No.1. Yielding readily to touch ,and condensing into drops of water almost immediately upon handling.

Snow on ground softer and finer than snow on ground at Stations No.1.- 2.- 4.

March 25 - Pan No.1. Snow fine, white, fairly firm, dry cake, contracted from pan.

Pan No.2. Snow not quite as firm,and a little more damp than snow in Pan No.1.

Snow on ground dry, white, and crumbly.

March 26 - Pan No.1. Snow dry, crumbly, coarse and slightly clear and granular on surface. Little ice at bottom of pan.

Pan No.2. Snow slightly clear and granular on surface. Not as firm as snow in Pan No.1. Finer and more yielding to touch.

Snow on ground fine, firm, smooth and slightly glazed over on surface

March 27 - Pan No.1. Snow fairly firm, fine, cake, no ice, and no water. Hood free from frost.

Pan No.2. Snow not quite as firm as snow in Pan No.1. snow on ground grainy, wet and fairly firm.

March 28 Pan No.1. Snow soft, coarse, crumbly, wet and yielding. Hood dry and free from dew.

Pan No.2. Snow firmer, finer and dryer than snow in Pan No.1.

Contracted from pan, no ice and no water.

Snow on ground softer than snow on ground at Stations No.1. - 2 -4
Clear granules scattered over surface of soft fine snow.

Field Notes On Evaporation Tahoe March 1917.

Station No.3. (Thermograph Shelter) Wooded, Fir and some Pine.

March - 28 - Pan No.1. Snow soft, coarse, crumbly, wet and yielding.
Hood dry and free from dew .

Pan No.2. Snow firmer, finer and dryer than snow in Pan No 1
Snow on ground softer than snow on ground at Stations No.1.
No.2. and No.4. finer and whiter, clear granules scattered
over surface.

March 29 - Snowing.

March 30 - Pan No.1. One inch new snow on hood. Snow hard icy cake, snow
white, fine and frozen perfectly solid in pan, but no clear ice.

Pan No.2. Snow coarse, granular, slightly crumbly. some ice
in pan. Snow on ground light and rather soft and fine.

March 31 - Pan No.1. Snow firm, fine cake, slightly cracked across center.
Hood free from frost.

Pan No.2. Snow very fine and not nearly as firm as snow in Pan 1
Snow on ground very fine, soft and powdery.

Field Notes On Evaporation, Tahoe, March 1917.

Station No.4. (Pine Forest) Typical Pine Forest, Tavern Woods.

March 1. - Pan No.1. Snow rather soft and very fine. Hood free from frost

Pan No.2. Snow fine and softer than snow in Pan No.1.
Snow on ground very firm.

March 2 - Pan No.1. Snow very fine, white, slightly contracted from pan and yielding readily to touch, while not soft neither is it firm West and North side of hood free from frost, East and South side covered with scattering wedge-shaped frost crystals. Rods free from frost.

Pan No.2. Snow fine, soft and contracted from pan. Rods free from frost.
Snow on ground fine, sparkling, and not nearly as firm as snow on ground at Stations No.1.- 2.

March 3 - Pan No.1. Snow very soft and fine, slightly contracted but loose and light. Needle-like frost crystals $3/16$ of an inch long on EAST side of hood on outer surface. Wedge shaped crystals from $1/16$ to $2/16$ inch long on South side of hood. North and West side of hood free from frost.

Pan No.2. Snow very fine and soft, sparkling on surface but no frost crystals.
Snow on ground yielding to tread, but firm four inches below surface.

March 4 - Pan No.1. Snow soft, fine and contracted from pan. Hood free from frost.

Pan No.2. Snow very soft, fine, and contracted.
Snow on ground firm, wet and slippery.

March 5 - Pan No.1. Snow very soft. Mostly water. Hood free from frost.

Pan No.2. Snow very soft. Mostly water.
Snow on ground wet, slippery, firm and clearly granular on surface.

March 6 - Pan No.1. Snow very fine, very firm and slightly contracted. Hood free from frost.

Pan No.2. Snow firm and fine but not quite as firm as snow in Pan No.1.
Snow on ground very firm, rather clear and granular on surface.

March 7 - Pan No.1. Snow very firm, fine cake, no ice. Hood free from frost.

Pan No.2. Snow very firm, fine cake.
Snow on ground very firm. Clear granular crust $1/4$ inch thick.

Field Notes On Evaporation, Tahoe. March 1917.

Station No.4. (Pine Forest) Typical Pine Forest, Tavern Woods.

March 8 - Pan No.1. Snow firm, fine, cake, slightly granular on surface.
Hood free from frost.

Pan No.2. Very firm, fine cake., slightly glazed over on surface.
No ice.
Snow on ground very firm, slippery, and clearly granular on surface.

March 9 - Pan No.1. Snowing.

March 10 - Snowing. Snow over foot deep on hood. Cleared hood.

March 11 - Snowing.

March 12 - No field notes.

March 13- Snowing.

March 14 - Pan No.1. Six inches of new snow on hood. Snow banked up, all
around pan . Pan dug out and refilled.

Pan No.2. Snow banked up all around pan. Pan dug out and refilled
SNOW on ground light, soft, and considerable drift,

March 15- Pan No.1. Snow very soft, light and fine. Snow settled until pan
is only half full. Little light snow on hood.

Pan No.2. Pan well filled. Little new snow on surface from
snow-fall on after-noon of March 14.
SNOW on ground very, very fine, light and floury, smooth on surface

March 16 - Pan No.1. Snow soft, fine, and considerably contracted. Hood
free from frost.

Pan No.2. Snow settling down evenly in pan , soft, fine, and rather
wet.
Snow on ground soft, fine, and wet. Very smooth on surface but
soft and powdery.

Field Notes On Evaporation, Tahoe, March 1917.

Station No.4. (Pine Forest) Typical Pine Forest, Tavern Woods.

March 17 - Pan No.1. Snow very soft, wet, and crumbly. Slightly grainy on surface, soft and fine underneath. Hood free from frost.

Pan No.2. Snow firmer and coarser than snow in Pan No.1. Snow on ground very fine, soft, and smooth.

March 18 - Pan No.1. Snow melted. Mostly coarse, clear, snow and water. Hood free from frost.

Pan No.2. Snow melted down considerable, dry, fine, and contracted. No ice. Snow on ground soft, wet, and thawing.

March 19 - Pan No.1. Snow slightly soft and yielding to touch, fine, damp, slightly creased and wrinkled across surface from contraction and expansion. Hood free from frost.

Pan No.2. Snow slightly clear, granular and crusty on surface, softer and finer underneath. Snow on ground clear and granular on surface, fine and fairly firm underneath.

March 20 - Pan No.1. Snow fairly fine, well packed, firm and contracted. Hood free from frost.

Pan No.2. Snow rather soft, wet, grainy and contracted. Snow on ground wet, clearly granular on surface and fairly well packed.

March 21 - Pan No.1. Snow quite firm, slightly grainy on surface. Snow on hood melting. Hood dripping.

Pan No.2. Old snow quite firm, rather coarse and wet. New snow on surface of pan soft, fine, light and dry. Snow on ground firm under light, new, surface snow.

March 22 - Pan No.1. 1/2 inch clear ice at bottom of pan, then clear, crumbly granular snow. Light new snow on surface of pan. Fine, light, snow on hood.

Pan No.2. Firm granular snow cake. Fine, light snow on surface. Snow on ground firmer than snow on ground at Station No.1 - 2.

March 23 - Pan No.1. Snow contracted, yielding to touch, rather clear and grainy on surface. Hood free from frost.

Pan No.2. Snow fairly firm, very fine and white. Snow on ground yielding to tread, finely grained and smooth on surface.

Field Notes On Evaporation. Tahoe, March 1917.

Station No.4. (Pine Forest) Typical Pine Forest, Tavern Woods.

March 24 - Snow crumbly, coarse, wet and granular., rather clear and yielding readily to touch. Hood free from frost.

Pan No.2. Snow very soft, fine cake, yielding to touch, slightly damp.

Snow on ground finer and slightly softer than snow on ground at Station No 1- 2.

March 25 - Pan No.1. Slushy, wet , crumbly, clear, coarse snow and water. Hood free from frost.

Pan No.2. Snow firm finely grained cake. Little water at bottom of pan .

Snow on ground soft, wet, crumbly, and slightly clear and granular on surface.

March 26 - Pan No.1. Snow firm, fine cake, dry and of an even firmness throughout pan . Hood free from frost.

Pan No.2. Snow dry and fine but not as firm as snow in Pan No.1. Snow on ground fine, dry and firm and slightly granular on surface.

March 27 - Pan No.1. Snow firm, wet, grainy cake. Some water in pan. Hood free from frost.

Pan No.2. Snow more grainy coarser and dryer than pan No.1. Snow on ground wet, grainy, crisp and crunching under tread, but yielding to weight.

March 28 - Pan No.1. Snow coarse, wet, soft and yielding to touch. Little water in pan. Hood dry and free from dew.

Pan No.2. Snow rather firm grainy cake. Little ice at bottom of pan. Snow on ground not as firm as snow on ground at Stations No.1. and Station No.2. Ice strata in ground snow melted.

Field Notes On Evaporation Tahoe March 1917.

Station No.4. (Pine Forest) Typical Pine Forest - Tavern Forest.

March 29 - Snowing.

March 30 - Pan No.1. Opaque ice and coarse snow in pan. Little new snow on surface of pan. 2 inches new snow on hood.

Pan No.2. Opaque ice, old snow and new snow in pan. Snow fine, wet and well packed, slight crust.

March 31 - Pan No.1. Snow firm, fine cake, no ice no frost. Hood free.

Pan No.2. Snow fine firm cake, slight crust.
Snow on ground firm and fine , slight crust.

Field Notes On Evaporation Tahoe March 1917.

Station No.5. (Fir Forest) Typical Fir Forest, all Fir. Taver

- March 1. Pan No.1. Snow fine and fairly firm. Hood free from frost.
Pan No.2. Snow not quite as firm as snow in Pan No.1.
Snow on ground not quite as firm as snow on ground at Station No 3
snow finer than at No.3. but not as firmly packed.
- March 2. Pan No.1. Snow very firm and fine, slight hardening on surface of pan
No frost or ice. Hood free from frost.
Pan No.2. Snow very fine and very firm, slightly granular on surface
Snow on ground firmer than at Station No.3. and not quite as white
having rather clear granules on surface, this appears to give snow a
bluish cast.
- March 3. Pan No.1. Snow firm and fine. Hood and rods free from frost.
Pan No.2. Snow not quite as firm as snow in Pan No.1. No frost any-
where at Station No.5.
Snow on ground very firm and filled with indentations from drip from
trees.
- March 4. Pan No.1. Snow very firm and very fine. Hood free from frost.
Pan No.2. Snow not as firm as snow in Pan NO.1. Snow very fine.
Snow on ground firm, wet and slippery, slightly clear and granular
on surface.
- March 5. Pan No.1. Snow soft and fine but clearly granular on surface of pan
and slightly contracted.
Pan No.2. Snow very soft , slightly clear and granular on surface.
Snow on ground very slippery and crumbly. Not as firm as on Mar. 4th.
- March 6. Pan No.1. Snow firm and clearly granular on surface, slightly shrunken
and cracked. Hood free from frost.
Pan No.2. Snow firm, clearly granular on surface, contracted from pan
Snow on ground firm and clearly granular on surface.
- March 7. Pan No.1. Snow fairly firm and fine under clear granular surface.
Hood free from frost.
Pan No.2. Snow very firm, coarse cake, contracted considerably, gran-
ules clear and coarse.
Snow on ground very firm, large , clear granules on surface of snow.

Field Notes On Evaporation Thace March 1917.

Station No.5. (Fir Forest) Typical Fir Forest, all Fir.

- March 8. Pan No.1. Snow rather soft, considerably contracted , and clearly granular on surface. Hood free from frost.
- Pan No.2. Snow very fine, firm and contracted, sparkling on surface
Snow on ground slippery, clear and granular on surface, fine and firm underneath.
- March 9. Snowing.
- March 10. Snowing.
- March 11. Snowing.
- March 12. Snowing.
- March 13. Snowing.
- March 14. Pan No.1. Pan thawed out and refilled. Hood covered with six inches of snow.
- Pan No.2. 18 inches new snow in pan. Pan thawed out and refilled.
Snow on ground soft, wet, and fine.
- March 15. Pan No.1. Snow soft, light, and even with rim of pan. Little light snow on hood.
- Pan No.2. Snow light, fine and slightly raised above rim.
Snow on ground very fine and light, very slight trace of frust on surface.
- March 16. Pan No.1. Snow soft, fine and dry. Hood free from frost.
- Pan No.2. Snow fine and firmer than snow in Pan No.1.
Snow on ground very fine soft and wet but still retaining star-like particles.
- March 17. Pan NO.1. Snow fine, wet and fairly firm. Hood free from frost.
- Pan No.2. Snow firmer than snow in Pan No.1.
Snow on ground fine, wet and fairly well packed.
- March 18. Pan No.1. Snow rather wet, fine and soft, contracted from pan and cracked across surface from contraction and expansion. Hood free from frost.
- Pan No.2. Snow wet, fine, rather clear on surface and contracted .
Snow on ground soft, wet and fine with clear globules on surface
These globules vary in size, from those size of pin head to 1/16 inch across.

Field Notes On Evaporation Tahoe March 1917.

Station No.5. (Fir Forest) Typical Fir Forest, all Fir. Tanern Forest.

March 19. Pan No.1. Snow very soft, fine, contracted and cracked across surface clear and slightly granular on surface, no crust. Hood free from frost

Pan No.2. Snow very fine and soft, contracted from pan, surface slightly clear and granular, slight trace of crust. Snow on ground fine wet, slippery and fairly well packed. Slightly clear and granular on surface.

March 20. Pan No.1. Snow very firm, fine and rather damp.

Pan No.2. Snow not quite as firm as snow in Pan No.1. Snow on ground firm, fine, wet and slippery. Rather roughened, clear and granular on surface.

March 21. Pan No.1. Snow in pan fairly firm. Little new snow drifted into pan. Little new snow on hood. North side of hood free.

Pan No.2. Old snow fine and firm. Little new snow in pan. Snow on ground rather soft. New snow fine, dry and soft.

March 22. Pan No.1. Old snow firm granular snow cake. $\frac{1}{4}$ inch light new snow on surface. Little new snow on hood.

Pan No.2. Snow in same condition as snow on ground. Old snow granular slightly clear and firm. 1 inch new snow on surface of pan. Snow on ground firm and granular. 1 inch very light, soft, wet snow on surface of old snow. (Experimental Pan filled with new snow.)

March 23. Pan No.1. Snow very fine firm cake, little fine, light snow on surface of hood.

Pan No.2.. Snow very fine cake slightly yielding to touch.

Experimental pan - Placed on level with surface of ground snow and filled with new snow. Snow soft, light and fine, weight 88. Pan set to compare evaporation of new and old snow at Station No.5. Snow on ground crumbly. Slight crust on surface. Snow dry, rather clear granular and roughened on surface.

March 24. Pan No.1. Snow rather damp, granular and yielding to touch. Hood free from frost.

Pan No.2. Snow very damp, granular white cake, firmer than snow in Pan No.1.

Experimental Pan Snow fine. Firmer than snow in both Pan No.1. and Pan No.2. Snow fine, white and dry, slightly wrinkled and contracted on surface.

Snow on ground clear, granular and slippery on surface and more yielding than snow on ground at Stations No.1.- 2 - 3 - 4.

Field Notes On Evaporation Tahoe March 1917.

Station No.5. (Fir Forest) Typical Fir Forest, all Fir . Tavern Forest.

- March 25 Pan No.1. Snow rather damp, firm ,slightly granular cake. hood free.
Pan No.2. Snow rather grainy and not as firm as snow in Pan No.1.
Experimental pan - Snow about same firmness,dampness and texture as snow in Pan No.2.
Snow on ground soft, wet, clear, granular and crumbly.
- March 26. Pan No.1. Snow firm, wet cake, granular on surface and icy on bottom of pan. Experimental Pan and Pan No.2. /also refilled. This makes the three pans similar at the start. Doubt whether much difference will be found in regard to Pan No.2. and Experimental Pan where both pans have been sunk in snow and refilled at same time.
Pan No.2. Before refilling not as firm as snow in Pan No.1. , more granular, little water in pan.
Experimental Pan - Before refilling, not nearly as firm as snow in Pan No.1. , not as firm as snow in Pan No.2. Snow finer and wetter but no water in pan. Thin layer of ice beneath snow in Experimental Pan.
Snow on ground fairly firm and slightly grainy.
- March 27. Pan No.1. Snow firm, fine, dry cake, no ice, no water.
Pan No.2. Snow not as dry nor as firm as snow in pan No.1.
Experimental Pan - Of same texture and firmness as snow in Pan No.1. Due no doubt to fact that Experimental Pan is placed under the shelter of large fir.
Snow on ground rather coarse, wet and crumbly.
- March 28. Pan No.1. Snow very firm, dry cake, slightly granular on surface. Little water in bottom of pan. Hood dry and free from dew.
Pan No.2. Snow softer and coarser than snow in Pan No.1. considerable water in pan .
Experimental Pan - Same coarse, grainy snow as Pan No.2. Some ice and some water in pan.
Snow on ground fine, wet and well packed and firmer than snow on ground at Station No.3.
- March 30. Pan No.1. Cake of hard,dry, frozen snow in pan. 1 inch snow on hood.
Pan No.2. Some ice at bottom of pan. Snow coarse granular cake, some new snow on surface.
Experimental Pan - Coarse grainy cake, new snow on surface of pan. New snow on ground soft and light, old snow firm.

Field Notes On Evaporation Tahoe March 1917.

Station No.5. (Fir Forest) Typical Fir Forest, all Fir. Tavern Forest.

March 31. Pan No.1. Snow firm, fine cake. Hood free from frost.

Pan No.2. Snow firm, fine cake, slightly clear and granular on surface

Experimental Pan - Very firm, fine cake, slightly clear and granular on surface.

Snow on ground fine, soft and full of indentations from drip of trees.

Field Notes On Evaporation Tahoe March 1917.

Station No.6. (OPEN Meadow) Meadow, Exposed.

- March 1. Pan No.1. Snow very fine and very firm. Hood free from frost.
Pan No.2. Snow very fine and very firm.
Snow on ground very firm, somewhat ridgy and wind blown, light crust on surface.
- March 2. Pan No.1. Snow very firm, glazed over and contracted from pan. Hood free from frost.
Pan No.2. Snow very fine and very firm, contracted from pan.
Snow on ground very firm, wind blown and ridgy in spots.
- March 3. Pan No.1. Snow icy, considerably contracted. hood free from frost.
Pan No.2. Snow icy, rods free from frost.
Snow on ground fine, smoother and softer than on March 2nd.
- March 4. Pan No.1. Snow melted. Little slush ice, rest water. Hood free from frost.
Pan No.2. Snow not as wet as snow in Pan No.1. Snow fine
Snow on ground firm, wet and slippery.
- March 5. Pan No.1. Snow soft, wet, slushy. Hood free from frost.
Pan No.2. Snow soft, wet and coarse.
Snow on ground wet, granular, slippery and rather crumbly on surface.
- March 6. Pan No.1. Water and slush ice, opaque and grainy. Hood free from frost.
Pan No.2. Clear grainy ice and water. Snow on ground very firm, fine and well packed and clearly granular.
- March 7. Pan No.1. Soft, clear granular snow, rather coarse and slightly contracted. Hood free from frost.
Pan No.2. Snow firmer than snow in Pan No.1. Snow clear and granular on surface, contracted from pan.
Snow on ground firm. Clear and granular on surface.
- March 8. Pan No.1. Snow hard, clear, grainy, mostly ice, some water.
Pan No.2. Snow clear, crumbly, wet, mostly water.
Snow on ground hard, wet, slippery, thawing and settling fast.

Field Notes On Evaporation Tahoe March 1917.

Station No.6. (Open Meadow) Meadow, Exposed.

- March 9. Pan No.1.
- March 10. Snowing
- March 11.
- March 12.
- March 13.
- March 14. Pan No.1. Ice in pan, pan thawed out and refilled.
Pan No.2. Pan thawed out and refilled.
Snow on ground rather soft, fine, ridgy and wind blown.
- March 15. Pan No.1. Little slushy snow in pan , mostly water. Hood free.
Pan No.2. Mostly water, cake clear slushy snow size of dinner plate.
- March 16. Pan No.1. Snow soft and clear , mostly water. Hood free from frost.
Pan No.2. Soft sloppy snow and water.
Snow on ground settling considerably, wet, heavy and soft.
- March 17. Pan No.1. Wet, coarse, clear snow and water. Hood free from frost.
Pan No.2. Water and small, hard, fine, wet cake of snow.
Snow on ground firm underneath, wet and soft on surface.
- March 18. Pan No.1. Some rather coarse, clear snow and water. Hood free.
Pan No.2. Snow finer and whiter than snow in Pan No.1. Smooth fine wet cake, some water but no ice.
Snow on ground soft, wet, heavy and thawing. Clear and granular on surface.
- March 19. Pan No.1. Snow melted, mostly water. Some coarse wet snow and some slightly opaque ice. Hood free from frost.
Pan No.2. Snow melted. Mostly water. Little wet snow and ice.
Snow on ground thawing, wet, clear and granular on surface.
- March 20. Pan No.1. Snow icy, coarse, clear and wet. Hood free from frost.
Pan No.2. Snow wet, soft, crumbly and coarse.
Snow on ground wet, coarse, grainy thawing and slippery.

Field Notes On Evaporation Tahoe March 1917.

Station No.6. (Open Meadow) Meadow, Exposed.

- March 21. Pan No.1. Snow wet, coarse and icy. $\frac{1}{4}$ inch soft new snow on hood.
Pan No.2. Water and a little new snow.
Snow on ground soft and very fine and dry.
- March 22. Pan No.1. Ice and water in pan. Ice raised and broken in center from contraction and expansion. Hood free from frost.
Pan No.2. Ice and water in pan.
Snow on ground firm under light layer fine snow on surface.
- March 23. Pan No.1. Wet slushy snow and water. Hood free from frost.
Pan No.2. Snow little firmer than snow in Pan No.1.
Snow on ground wet, coarse, slippery and thawing.
- March 24. Pan No.1. Snow wet, grainy cake, slightly clear and glazed over on surface.
Pan No.2. Snow wet grainy cake.
Snow on ground roughened, wet, coarse, crumbly and granular. Soft wet and slippery on surface, firmer underneath.
- March 25. Pan No.1. Snow melted, pan $\frac{1}{4}$ full of water. Hood free from frost.
Pan No.2. Snow melted, pan $\frac{1}{4}$ full of water.
Snow on ground thawing rapidly. Snow wet, coarse, crumbly and clearly granular on surface.
- March 26. Pan No.1. Snow coarse, wet, grainy but fairly firm white cake. VERY little water at bottom of pan.
Pan No.2. Snow coarser and wetter than snow in Pan No.1. Surface quite grainy and yielding to touch, some water at bottom of pan.
Snow on ground heavy wet, coarse and granular,
- March 27. Pan No.1. Snow fairly firm wet, grainy cake. Considerable water in pan. Hood free from frost,
Pan No.2. Clearer, more grainy and not as firm as snow in Pan No.1.
Snow on ground wet, heavy, coarse and granular.

Field Notes On Evaporation Tahoe March 1917.

Station No.6. (Open Meadow) Meadow, Exposed.

March 28. Pan No.1. Soft, wet, clear, crumbly snow and water. Hood free from frost.

Pan No.2. Mostly water, some wet slushy snow.
Snow on ground quite firm, wet and well packed. Thin layer of ice in snow at Station No.6.

March 29. Pan No.1.

March 30. Pan No.1. Ice in pan Pan thawed out.

Pan No.2. Ice in pan. Pan thwaeed out.
Old snow on ground firm , new snow soft and fine.

March 31. Pan No.1. Snow fine, firm cake. Hood free from frost.

Pan no.2. Snow not quite as firm as snow in pan No.1.
Snow on ground fine, well packed, ridgy and wind blown.

Field Notes On Evaporation Tahoe March 1917.

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

- March 1. Pan No.1. Snow very firm and fine. Hood free from frost.
Pan No.2. Snow very firm and fine, slightly contracted from pan.
Snow on ground very fine, firm and well packed, slight crust on surface.
- March 2. Pan No.1. Snow very fine and quite firm. Hood free with exception of South side where few faint traces of frost sparkles were found on outer surface of hood. Rods free from frost.
Pan No.2. Snow very fine very firm and contracted from side of pan no ice, rods free.
Very firm crust on snow on ground.
- March 3. Pan No.1. Snow very firm, contracted considerably. Hood free from frost.
Pan No.2. Snow very firm, icy in spots, considerably contracted from pan.
Snow on ground very much softer than on March 2.
- March 4 Pan No.1. Snow wet, coarse and soft. Hood free from frost.
Pan No.2. Snow wet, coarse and soft.
Snow on ground fine, wet and rather crumbly.
- March 5 Pan No.1. Snow melted, all water, no ice. Hood free from frost.
Pan No.2. All water, no snow, no ice.
Snow on ground wet, granular and melting fast.
- march 6 Pan No.1. Snow melted, little clear coarse snow. Hood free.
Pan No.2. No snow in pan, all water.
SNOW on ground coarse, wet, granular.
- March 7 Pan No.1. Snow soft, coarse, clear and granular on surface. Hood free from frost.
Pan No.2. Snow coarse and granular but firmer than snow in Pan No.1.
Snow on ground firm, granular and rather clear on surface.

Field Notes On Evaporation Tahoe March 1917.

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

March 8. Pan No.1. Snow soft, wet, coarse, broken on surface from contraction and expansion. Some water in bottom of pan.

Pan No.2. Snow soft, slushy, mostly water.
Snow on ground soft, wet, coarse and slippery.

March 9. Snowing .

March 10.

March 11.

March 12.

March 13.

March 14. Pan No.1. Pan completely buried under snow. Pan dug up, thawed out and refilled.

Pan No.2. Pan thawed out and refilled.
Snow on ground at Stations No.6. and No.7. heavier than snow on ground in forest.

March 15. Pan No.1. Snow soft, fine and rather wet, melted down $\frac{1}{3}$. Icicles pendant from hood.

Pan No.2. Very little wet snow, pan $\frac{1}{8}$ full of water.
Snow on ground very fine, slight trace of crust, snow fairly well settled,

March 16 Pan No.1. Snow soft, wet and rather grainy. Hood free from frost.

Pan No.2. Slush ice and water in pan.
Snow on ground thawing, soft, wet and fine,

March 17 Pan No.1. Snow melted down considerably. Hood free from frost.

Pan No.2. Snow melted considerably.
Snow on ground roughened and clear on surface, settling and thawing rapidly.

March 18 Pan No.1. Mostly water. Little clear, wet coarse snow. Hood free from frost.

Pan No.2. Water, little clear coarse snow.
SNOW on ground very wet, soft and heavy. Clear ridgy and granular on surface.

March 19 Pan No.1. Snow wet, coarse, grainy and crumbly. Hood free from frost

Pan No.2. Snow wet, grainy and soft.
Snow on ground soft, wet, coarse and thawing rapidly.

Field Notes On Evaporation Tahoe March 1917.

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

- March 20 Pan No.1. Snow wet, crumbly and grainy, no water in pan. Hood free from frost.
- Pan No.2. Snow damp, crumbly and grainy through pan but rather smooth on surface.
Snow on ground wet, crumbly, slippery and coarse. Clear and grainy on surface.
- March 21 Pan No.1. Snow soft, coarse and watery . Little melted snow on hood
- Pan No.2. Mostly water, some wet snow.
Snow on ground soft, fine, dry and light.
- March 22 Pan No.1. Opaque ice, raised in center of pan from contraction and expansion. Some water. Hood free from frost.
- Pan No.2. Coarse opaque ice, raised in center, some water.
Snow on ground firm, new snow on surface.
- March 23 Pan No.1. Snow fine, fairly firm , grainy and slightly wet. some water in pan.
- Pan No.2. Snow soft, wet, grainy but holding together in cake.
Snow on ground coarse, slippery and thawing.
- March 24 Pan No.1. Snow soft, damp granular cake, slightly softer on top than on sides. Hood free from frost.
- Pan No.2. Snow firmer than snow in Pan No.1. Some water in pan.
Snow coarser and more crumbly at Station No.7. than at any other station, also heavier than elsewhere.
- March 25 Pan No.1. Very little clear slushy snow. Pan about $\frac{1}{4}$ full of water
Hood free from frost.
- Pan No.2. Mostly water.
Snow on ground heavy, wet and granular. Crumbly and yielding to tread.
- March 26 Pan No.1. Fairly firm, white, dry, grainy cake, contracted from pan no ice, no water. Hood free from frost.
- Pan No.2. Snow white, grainy, slightly damp on surface and not quite as firm as snow in Pan No.1.
Snow on ground heavy, wet, coarse, grainy and roughened on surface.

Field Notes On Evaporation Tahoe March 1917.

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

- March 27 Pan No.1. Snow soft, crumbly, coarse, wet and grainy. Hood free from frost.
Pan No.2. Snow firmer, whiter and finer than snow in Pan No.1. Snow on ground wet, coarse, heavy, clear and granular on surface.
- March 28 Pan No.1. Snow wet, firm grainy cake. Little water at bottom of pan. Hood free from frost.
Pan No.2. Snow whiter, coarser and not as firm as snow in Pan No.1. Snow on ground wet, heavy, clear and granular on surface.
- March 29 - Snowing.
- March 30 Pan No.1. Pan filled with opaque ice and new snow. Little new snow on hood. Icicles 3 inches long pendant from North side of hood.
Pan No.2. Water, opaque ice, and new snow in pan. Snow on ground very firm fine and well packed, firm crust on surface.
- March 31 Pan No.1. Snow firm, fine cake, no ice, no water. Hood free from frost.
Pan No.2. Snow firm, fine cake, slightly granular on surface. Snow on ground firm, fine, well packed and heavy. Slight crust .