



[1928-1929]

M & Z 103 □

HB  
Divide small pans by  
7.3  
12.0 for  
large round pans

No reading on June 26

June 27 - 4 P.M.

- 48 hrs.

Hill pan

Depth 34.8

Weight 86.9

Temp. 19.92°C

Re depth 35.0

Lake pan

Depth

Weight

Temp.

Re depth

Lake Depth 119.9

Lake temp. 15.7°C.

" Anemometer - 952

} Bone dry!

Remarks: - Sun intermittent through  
banks of St Cu. Wind blowing in gusts,  
but generally light. Temp. thru out  
day averaging about 51-54°F  
I found the lake pan bone dry -  
I cannot say whether the pan leaks  
or the new boy has been playing  
with it.

Refill of lake pan.

Weight - 1.1

Temp - 16.2

Depth - 44.3

I gave the tundra about bird pans a  
strong warning.

June 28 2 P.M.

- 2 hrs.

Hill pan

Depth 34.2

Height 71.1

Temp. 11.2

-.098

Re depth 34.8

Lake pan

Depth 43.9

Height 137.6

Temp. 11.55°C

-.135 ?

Re depth 44.1

.513 ?

Lake Temp 13.5°C

Anemometer 9.0

Remarks: - A light rain started about 1:55 p.m.

I weighed the pans before it got a real start.

The wind for the last 24 hours has been very light and mainly from the East.

The sky has been overcast with low St clouds the major portion of the day and the rain clouds are out of the NW. The humidity at 8 a.m. was 45% and at 1 p.m. the same. It is now 94%.

June 28 6 P.M.

4 hrs.

Hill pan

Depth 33.4

Height 69.6

Temp 11.0°C

-.015

Re depth 33.5

Lake pan

Depth 43.8

Height 136.5

Temp 11.0°C

-.011

Re depth 44.0

Remarks: - The rain was short lived and the gauge shows only a trace. I find evaporation has taken place. The wind is light, humidity 48% and the sky still remains overcast with A St from the NW

June 29

4 P.M.

2 2 hrs.

Hill pan

Depth 32.5"

Height 58.1

Temp. 19.0°C

-.115

Re depth 32.65"

Lake pan

Depth 42.6"

Height 124.3

Temp. 21.2°C

-.122

Re depth 42.5"

Lake Temp. - 16.5°C

Anemometer - 72

Remarks: - The average wind velocity has been about 12 m.p.h. all day - from the E. The day opened clear, but about 2 p.m. St Cu clouds appeared in the W. The sky is now 5 covered with a variety of clouds. The average humidity for the day averages around 30% 40%.

June 30 4 P.M.

24 hrs.

Soil pan  
Depth 3.55  
Weight 61.9  
Temp 7.55°C  
Redpth 32.65

+038

Take pan  
Depth 43.1  
Weight 128.1  
Temp 7.5°C  
Redpth 43.8  
Lake Temp. - 11.7°C  
" " Anem. - 12.4

+038

Remarks: - Cloudy and foggy all day with light sprinkling of rain. The rain gauge measured .15 inches this morning. Wind from the SW - veering to the W all night. Humidity never below 95% (all day).  
8 P.M. - The rain gauge showed a T for the day. The humidity is still high.

July 1 4 P.M.

24 hours

Soil pan  
Depth 34.2"  
Weight 67.9  
Temp. 17.98°C  
Redpth 34.2"

+060

Take pan  
Depth 43.4"  
Weight 182.6  
Temp. 15.46°C  
Redpth 43.6"

+045

Lake Temp. - 13.5°C  
" " Anem. - 21.9

Remarks: - The rain gauge showed a precipitation of .065 in. for last night. The humidity has averaged about 90%; while after 2:15 p.m. we have had occasional light showers. The wind last night was very steady at about 15 m.p.h. while this afternoon & this morning it was light.  
8 P.M. The rain gauge this evening shows a prec. of .032" for the day.

July 2  
Soil pan

July 2 4 P.M. 24 hours.

Hill pan  
Depth 32.7  
Weight 65.8  
Temp. 12.35°C  
Redepth 32.9

-.021

Lake pan  
Depth 42.9  
Weight 129.4  
Temp. 12.10°C  
Redepth 43.0

-.032

Lake Temp. 11.95°C  
Anemometer 274

Remarks: - Occasional showers. Generally cloudy with a light breeze and low humidity all A.M.

July 3 4 P.M. 24 hours.

Hill pan  
Depth - 32.4"  
Weight - 62.4  
Temp. - 14.8  
Redepth - 32.8"

-.034

Lake pan  
Depth - 42.5  
Weight 126.4  
Temp. 16.25°C  
Redepth 43.0

-.030

Lake Temp. - 13.75  
Anem. - 343

Remarks: - A brisk breeze all last night with one shower totalling .044". Day has been clear for the greater part - cloudiness commencing at 2:15 P.M.

July 4 4 P.M. 24 hrs.

Hill pan  
Depth - 32.3"  
Weight - 60.5  
Temp. - 16.1°C  
Redepth - 32.5

-.019

Lake pan  
Depth - 42.4"  
Weight - 123.8  
Temp. - 15.9°C  
Redepth - 42.5°C

-.026

Lake Temp. - 15.0°C  
Lake Anemometer - 384

Remarks: - Short spasmodic showers throughout the day. Rain gauge only shows a T. Generally cloudy with a light SE wind. Clouds from the N. & NNW.

July 5 4 P.M. 24 hrs.

Hill pan  
Depth 31.9"  
Weight, wire broke - new weight 32.3  
Temp. 15.2°C  
Redepth 44.9

Lake pan  
Depth 41.0"  
Weight 110.9  
Temp. 18.65°C  
Redepth 41.1"

-.129

Lake Temp. 15.9°  
" Anem. 433

Remarks: - Hill pan wire broke while weighing. Refilled pan and new weight is 32.3  
Clear day with few clouds from NNW and a light SE and E wind. Humidity low. 30% at 2 P.M.

July 6

4 P.M.

24 hours

Hill pan

Depth - 43.3

Weight - 14.8

Temp. - 18.75°C

Redepth - 43.3"

-175

Lake pan

Depth - 4.00

Weight - 94.4

Temp. - 18.6°C

Redepth - 7.00

Lake Temp. - 16.9°C

Lake Anem. - 5.04

-165

Remarks:- A very steady wind blowing at a rate of about 15 miles per hour and coming from the N or NE has been prevalent all day. The sun is brilliant and the sky practically cloudless - a few cumulus forming over the ice and drifting with a NE current. The humidity has been very low, averaging about 30, 31% all day.

July 7

4 P.M.

24 hours

Hill pan

Depth - 4.19

Weight - 141.3

Temp. - 20.0°C

Redepth - 4.19"

Lake pan

Depth - 37.2

Weight - 74.9

Temp. - 19.5°C

Redepth - 37.8

Lake Temp. 17.7

Lake Anem 59.0

Remarks:- The humidity has been low all day with a sharp N wind and cloudless sky.

July 8

3 P.M.

23 hrs.

Hill pan

Depth - 3.94

Weight - 127.5

Temp. - 13.5°C

Redepth - 3.96"

Lake pan

Depth - 3.75"

Weight - 65.5

Temp. - 12.9°C

Redepth - 3.79"

Lake Temp. - 14.3

Lake Anem - 67.0

Remarks:- A heavy dense fog with a possibility of rain is coming out of the NW. That is why I am taking the observation one hour earlier than usual. The past 24 hours has seen a strong steady wind from all points of the compass. The humidity has been low, but the sky has been entirely overcast since approximately 3 P.M.

July 10

4 P.M.

49 hours

Hill pan

Depth - 4.44

Weight - 271

Temp. - 16.75°C

Redepth - 4.45"

Lake pan

Depth - 3.95

Weight - 104.0

Temp. - 16.1°C

Redepth - 3.97

Lake Temp. - 17.0°C

" Anemometer - 34.2

Remarks:- No observation on the 9<sup>th</sup> Mr. Robb arrived and I had to go down below. There has been considerable rain and snow last night. Since the last

reading I have a gauge measurement  
totalling .9 inches of precipitation.

Sept. 1, 1928 - 11 am  
Lake pan  
Depth - 40.0

Sept. 2, 1928 12 noon  
LAKE PAN  
Depth - 3.91  
Weight - 100.2  
Redepth - 3.91  
Temp - 11.65°C  
LAKE Temp - 11.05°C

Sept 6 11 am 96 hrs  
Lake pan  
Depth - - - - 3.8  
Weight - - - - 96.5  
Redepth - - - - 3.8  
Temp - - - - 38.1  
Lake temp. - - - 44.1

6.7°C  
24 0.5  
18  
6.0  
5.4  
6.5  
26.7

Sept 7 11 am 24 hrs  
Lake pan  
Depth - - - 3.75  
Weight - - - 90.5  
Redepth - - - 3.74  
Temp - - - 6.3°C  
Lake Temp - - - 6.1°C



Sept. 8 11 am 24hrs  
Layer of ice  $\frac{1}{2}$ " thick in pan  
Weight --- 85.2  
Temp --- 2.9°C  
LAKE Temp --- 5.3°C

Sept. 9 11 AM 24hrs.  
Weight --- 80.9  
Depth --- 3.7  
Temp --- 5.5°C  
Redepth --- 3.7  
LAKE Temp --- 5.8°C

Sept. 10 11 AM 24hrs.  
Depth --- 3.69  
Weight --- 78.0  
Temp --- 4.2°C  
Redepth --- 3.69  
LAKE Temp --- 5.5°C

Sept. 11 11 A.M. 24hrs.  
Depth --- 5.65  
Weight --- 75.0  
Temp --- 1.5°C  
Redepth --- 3.68  
Lake Temp. --- 4.6°C  
ice on water in pan .05" thick

Sept. 12  
No readings taken owing to snow.

Sept. 13 11 AM. 48hrs.  
Depth --- 3.74  
Weight --- 87.6  
Temp --- 6.0°C  
Redepth --- 3.70  
Lake Temp. --- 5.9°C

Sept. 14 11 AM. 24hrs.  
Depth --- no reading due to ice  
Weight --- 85.0  
Temp --- 1.1°C  
Redepth ---  
Lake Temp --- 4.2°C  
Trace of snow during day

Sept. 15 11 AM. 24 hrs.  
Depth --- 3.8  
Weight --- 85.9  
Temp --- 3.6°C  
Redepth --- 3.79  
LAKE Temp --- 4.4°C

Sept. 16 12 noon. 24 hrs  
Depth --- ice on pan  
Weight --- 82.3 = .036  
Temp --- 3.1°C  
Redepth ---  
LAKE Temp --- 5.5°C  
Thin layer of ice on water  
in pan

Sept. 17 11 A.M. .028  
Depth --- 3.72"  
Weight --- 79.5  
Temp --- 3.2°C  
Redepth --- 3.70"  
Lake Temp --- 6.7°C

Sept. 18 11 A.M.  
Depth --- 3.59"  
Weight --- 74.4  
Temp --- 3.5°C  
Redepth --- 3.58"  
Lake Temp --- 4.3°C

Sept. 19 11 AM  
Depth - - - - 3.73"  
Weight - - - - 80.0  
Temp - - - - 5.3°C  
Redepth - - - - 3.74"  
Lake Temp - - - - 5.6°C  
Rain DN

Sept. 20  
Rain

Sept. 21 11 AM.  
Depth - - - - 3.67  
Weight - - - - 84.5  
Temp - - - - 2.7°C  
Redepth - - - - 3.72  
Lake Temp - - - - 5.1°C  
Thin film of ice

Sept. 22. 1:30 P  
Depth - - - - 3.60  
Weight - - - - 81.9  
Temp. - - - - 7.1  
Redepth - - - - 3.61  
Lake Temp - - - - 5.5

Sept. 23 11 AM.  
Depth - - - - 3.55  
Weight - - - - 78.6  
Temp. - - - - 7.1°C  
Redepth - - - - 3.55  
Lake Temp - - - - 5.4°C

Sept. 24 11 AM  
Depth - - - - 3.52  
Weight - - - - 74.8  
Temp - - - - 5.3°C  
Redepth - - - - 3.56  
LAKE Temp - - - - 6.3°C  
Slight trace Rain last P.M.

Sept. 25 11 A.M.  
Depth - - - - 3.49  
Weight - - - - 73.0  
Temp - - - - 7.1°C  
Redepth - - - - 3.48  
LAKE TEMP - - - - 6.6°C  
Trace Rain last P.M.

Sept. 26 11 A.M.  
Depth - - - - 3.45  
Weight - - - - 69.05  
Temp - - - - 5.3°C  
Redepth - - - - 3.44  
LAKE TEMP - - - - 6.1°C

Sept. 27 11 A.M.  
Depth - - - - ice layer  
Weight - - - - 66.1  
Temp - - - - 2.5°C  
Redepth - - - - ice  
LAKE Temp - - - - 5.3°C

Thin layer of ice in  
pan.

Sept. 28

11 AM

Depth — — — — 3.41  
 Weight — — — — 61.3  
 Temp — — — — 6.2°C  
 Redepth — — — — 3.41  
 LAKE Temp — — — — 5.5°C

Sept. 29

11 AM

Depth — — — — 3.42  
 Weight — — — — 60.4  
 Temp — — — — 7.0°C  
 Redepth — — — — 3.42  
 LAKE TEMP. — — — — 5.7°C

5 mm rain last night.

Sept. 30

11 AM

Depth — — — — 3.29  
 Weight — — — — 55.1  
 Temp — — — — 2.05°C  
 Redepth — — — — 3.30  
 LAKE Temp. — — — — 3.8°C

TRACE rain this AM

Oct. 1

11 AM

Depth — — — — 3.30  
 Weight — — — — 55.1  
 Temp — — — — 3.5°C  
 Redepth — — — — 3.29  
 LAKE Temp — — — — 4.2°C

Oct. 2

11 AM

Depth — — — — 3.29  
 Weight — — — — 50.0  
 Temp. — — — — 2.8°C  
 Redepth — — — — 3.28  
 lake temp — — — — 3.7°C

Oct. 3

11 AM

Depth — — — — 3.52  
 Weight — — — — 53.1  
 Temp. — — — — 2.2  
 Redepth — — — — 3.49  
 Lake Temp — — — — 3.6

Oct. 4

11 AM

Depth — — — — 3.29  
 Weight — — — — 51.8  
 Temp — — — — 1.2°C  
 Redepth — — — — 3.29  
 Lake Temp — — — — 3.0°C

Thin film of ice - Trace of  
 snow D.N.

Oct. 5

11 AM

Depth — — — —  
 Weight — — — — 46.8  
 Temp — — — —  
 Redepth — — — —  
 Lake Temp. — — — — 0.8°C

About 1/4" ice on lake; 1/2" ice on pan.

Oct. 6 11 A.M.  
Depth - - - - -  
Weight - - - - - 45.5  
Temp - - - - -  
Redepth - - - - -  
Lake Temp - - - - - 1.4°C  
Ice on pan and lake

Oct. 7 11 A.M.  
Weight - - - - - 43.4  
Lake Temp - - - - - 1.3°C

Oct 8 11 A.M.  
Weight - - - - - 42.1  
LAKE AND PAN FROZEN

Oct 9 11 A.M.  
Weight - - - - - 41.2  
ice

Oct 10 11 A.M.  
Weight - - - - - 39.8  
ice

Oct 11 11 A.M.  
Weight - - - - - 39.3  
ice

Oct 12  
Weight - - - - - 38.4  
LAKE EMP - - - - - 2.0°C

Oct. 13 11 A.M.  
Weight - - - - - 37.5  
LAKE Temp - - - - - 2.5°C

Oct. 14  
No readings

Oct. 15  
Weight - - - - - 31.5  
Lake Temp - - - - - 2.5°C

Oct. 16  
Weight - - - - - 28.2  
Lake Temp - - - - - 2.6°C

Oct. 17  
Weight - - - - - 35.8  
Lake Temp - - - - - 1.0°C  
.2" @ on grid, only trace free.

Oct. 18  
Discontinued - snow pans  
now being used.

Oct. 19  
No 1 - filled - - - 94.5  
No 2 - filled - - - 84.5  
Lake Temp - - - 1.0°C

Oct. 20 11 AM  
No 1, - old snow - - - 99.5  
New snow - - - 118.5 Refilled  
No 2 - old snow - - - 90.0  
New snow - - - 104.0 Refilled  
Light snow DN

Oct. 21 11 AM  
No 1 - old - - - - - 120.0  
New - - - - - 116.2  
No 2 - old - - - - - 105  
New - - - - - 109  
Lake Temp - - - 0.8°C

Oct. 22 11 A.M.  
 No 1 - old - - - - 104.0  
       new - - - - 122.8  
 No 2 - old - - - - 108.2  
       new - - - - 120.0  
 Lake Temp - 0.8°C

Oct. 23 11 A.M.  
 No. 1 - old - - - - 122.0  
       new - - - - 133.1  
 No. 2 - old - - - - 119.7  
       new - - - - 139.0  
 Ice pan - - - - 127.9  
 Ice pan was not quite frozen through when weighed.

Snow pan No. 1 is on the S and E side of store house and pan No. 2 is on N and W side. The storehouse is about midway between Observ and Lake Herz and to the W of the trail.

Oct. 24 11 A.M.  
 No. 1 old - - - - 132.0  
       new - - - - 130.2  
 No. 2 old - - - - 138.1  
       new - - - - 136.0  
 Ice pan - - - - 124.1

Oct. 25 11 A.M.  
 No. 1 old - - - - 129.7  
       new - - - - 2.1  
 No. 2 old - - - - 135.1  
       new - - - - 131.4  
 Ice pan - - - - 123.3

Oct. 26 11 A.M.  
 No 1 old - - - - 150.0  
       new - - - - 125.6  
 No 2 old - - - - 130.2  
       new - - - - 117.0  
 Ice pan - - - - 123.0

Oct 27 11 A.M.  
 No 1 old - - - - 139.9  
       new - - - - 79.5  
 No 2 old - - - - 127.9  
       new - - - - 86.0  
 Ice pan - - - - 129.9

Oct. 28 11 A.M.  
 No. 1. old - - - - 85.3  
       new - - - - 103.4  
 No. 2. old - - - - 93.6  
       new - - - - 84.9  
 Ice pan <sup>+ snow</sup> - - - - 135.0

Oct. 29  
 No 1 old - - - - 101.8  
       new - - - - 105.6  
 No 2 old - - - - 85.0  
       new - - - - 91.4  
 Ice pan - - - - <sup>+ snow</sup> 134.0  
 Ice pan without snow - - - - 122.2

Oct. 30 drifting snow made only one reading necessary  
 No 1 new - - - - 125.0  
 No 2 new - - - - 124.0  
 Ice - - - - 121.5

Oct 31<sup>st</sup> 11 A.M.

No. 1 - old	125.2
new	145.0
No. 2 - old	123.0
new	123.0
ice	120.9

Nov 1<sup>st</sup> 11 A.M.

No. 1 - old	145.0
new	121.5
No. 2 - old	121.5
new	119.0
ice	118.2

Nov. 2<sup>nd</sup> 11 A.M.

No. 1 - old	126.6
new	127.0
No. 2 old	114.5
new	126.8
ice	117.0

Nov. 3<sup>rd</sup> 11 A.M.

No. 1 - old	126.0
new	136.3
No. 2 old	125.0
new	117.0
ice	112.5

Nov. 4<sup>th</sup> 11 A.M.

No. 1 old	135.0
new	122.0
No. 2 old	114.5
new	108.0
ice	110.5

Nov 5 11 A.M.

No. 1 old	149.0
new	115.0
No. 2 old	107.5
new	
ice	

Drifting snow filled the pans

Nov. 6 11 A.M.

No. 1 old	140.0
new	46.4
No. 2 old	110.0
new	110.4
ice	102.5

Nov. 7 11 A.M.

No. 1. old	31.8
No. 2. old	103.1
ice pan	90.0

Worked on spring in balance  
 Run weights 11<sup>th</sup> Nov. 7

No. 1 new	135.8
No. 2 new	122.3
ice pan	80.1

Nov. 8 11 A.M.

No. 1 old	130.5
new	138.0
No. 2 old	115.8
new	147.5
ice	77.0

Nov. 9 11 A.M.  
 No. 1 old — — — — 130.1  
 new — — — — 2.2  
 No. 2 old — — — — 130.0  
 new — — — — 118.5  
 ice — — — — 73.0  
 Warm SE wind of AV velocity 20mph.  
 for last 3 days

Nov. 10 11 A.M.  
 No. 1 old — — — — 142.8  
 new — — — — 143.1  
 No. 2 old — — — — 113.8  
 new — — — — 113.4  
 ice — — — — 72.9

Nov. 11 12 noon  
 No. 1 old — — — — 141.5  
 new — — — — 141.0  
 No. 2 old — — — — 105.5  
 new — — — — 99.2  
 ice — — — — 72.8

Nov. 12 11 A.M.  
 No. 1 old — — — — 138.2  
 new — — — — 147.5  
 No. 2 old — — — — 98.0  
 new — — — — 113.5  
 ice — — — — 72.0

Nov. 13 11 A.M.  
 No. 1 old — — — — 147.5  
 new — — — — 127.0  
 No. 2 old — — — — 113.0  
 new — — — — 110.0  
 ice — — — — 71.8

Nov. 14 11 A.M.  
 No. 1 old — — — — 128.1  
 new — — — — 127.0  
 No. 2 old — — — — 112.2  
 new — — — — 109.4  
 ice — — — — 72.0

Nov. 15 11 A.M.  
 No. 1 old — — — — 124.5  
 new — — — — 124.8  
 No. 2 old — — — — 109.5  
 new — — — — 99.7  
 ice — — — — 72.0

Nov. 16 11 A.M.  
 No. 1 old — — — — 125.4  
 new — — — — 4.1  
 No. 2 old — — — — 101.0  
 new — — — — 98.9  
 ice — — — — 72.7

Nov. 17 11 A.M.  
 No. 1 old — — — — 151.0  
 new — — — — 92.8  
 No. 2 old — — — — 98.2  
 new — — — — 101.4  
 ice — — — — 72.5

Nov. 18 11 A.M.  
 No. 1 old — — — — 94.2  
 new — — — — 133.0  
 No. 2 old — — — — 104.0  
 new — — — — 97.1  
 ice — — — — 72.7

Nov. 19	11 A.M.
No. 1 old	131.0
new	146.1
No. 2 old	95.1
new	95.3
ICE	72.7

Nov. 20	11 A.M.
No. 1 old	115.8
new	129.3
No. 2 old	93.8
new	89.0
ICE	72.7

Nov. 21	11 A.M.
No. 1 old	129.1
new	1.5
No. 2 old	88.8
new	91.0
ICE	72.8

Nov. 22	11 A.M.
No. 1 old	149.6
new	149.6
No. 2 old	89.1
new	89.1
ICE	72.8

Because of precipitation of snow left old snow in pans for another 24 hrs.

Nov. 23	11 A.M.
No. 1 old	2.5
new	123.1
No. 2 old	90.1
new	116.0
ICE	73.1

Nov. 24	11 A.M.
No. 1 old	126.2
new	117.4
No. 2 old	107.6
new	110.0
ICE	72.5

Evidently condensation - there was no\*

Nov. 25	
No. 1 old	120.4
new	121.2
No. 2 old	111.8
new	112.0
ICE	72.4

Nov. 26	
No. 1 old	120.0
new	124.5
No. 2 old	109.2
new	117.5
ICE	73.0

Nov. 27	
No. 1 old	125.0
new	125.0
No. 2 old	118.0
new	118.0
ICE	73.1

Nov. 28	
No. 1 old	125.0
new	125.0
No. 2 old	116.0
new	116.0
ICE	72.7



Nov. 29		11 A. M.
No. 1 old	-----	123.2
NEW	-----	123.2
No. 2 old	-----	114.9
NEW	-----	114.9
ICE	-----	72.6

Nov. 30		11 A. M.
No. 1 old	-----	124.0
NEW	-----	124.0
No. 2 old	-----	119.0
NEW	-----	119.0
ICE	-----	72.5

Dec. 1		11 A. M.
No. 1	-----	125.2
No. 2	-----	119.5
ice - old	-----	74.2 + snow
ice - new	-----	115.8
Trace * DN		

No READING Dec. 2  
Precipitation \*

Dec. 3	48 hrs.	11 A. M.
No. 1 old	-----	133.1
" " NEW	-----	134.0
No. 2 old	-----	124.8
NEW	-----	130.0
ICE with *	-----	119.6
" without *	-----	115.8

Dec 4		11 A. M.
No. 1	-----	131.4
No. 2	-----	124.2
ice	-----	114.2

Dec. 5		11 A. M.
No. 1	-----	129.0
No. 2	-----	122.6
ICE	-----	115.2

Dec. 6		11 A. M.
No. 1 old	-----	128.8
NEW	-----	114.2
No. 2 old	-----	122.0
NEW	-----	102.8
ICE	-----	115.4

Dec 7		11 A. M.
No. 1 old	-----	111.0
NEW	-----	138.2
No. 2 old	-----	100.0
NEW	-----	120.4
ICE	-----	114.4

Dec 8		11 A. M.
No. 1 old	-----	133.0
NEW	-----	144.0
No. 2 old	-----	114.3
NEW	-----	118.9
ICE	-----	111.5

Warm SE Wind with temp averaging approx 34° F all day. Humidity, however, fairly high averaging 90% and over.

Dec. 9		11 A.M.
No. 1	— — — —	148.9
No. 2	— — — —	127.9
ICE	— — — —	111.4

Dec. 10		11 A.M.
No. 1	— — — —	143.3
2	— — — —	119.2
ice	— — — —	109.5

Dec. 11		11 A.M.
No. 1	— — — —	145.0
No. 2	— — — —	120.5
ice	— — — —	110.2

Dec. 12		11 A.M.
No. 1	— — — —	145.0
2	— — — —	120.0
ice	— — — —	110.5

Dec 13		11 A.M.
No. 1	— — — —	145.0
2	— — — —	119.5
ice	— — — —	111.0

Trace \* on afternoon of 12<sup>th</sup>

Dec 14		12:30 P
no. 1	— — — —	144.5
2	— — — —	118.1
ice	— — — —	110.0

Dec 15		1:30 P
1	— — — —	145.5
2	— — — —	120.0
ice	— — — —	111.0

Dec 16		12:30 P
No. 1 old	— — — —	146.0
" new	— — — —	134.0
No. 2	— — — —	119.7
ice	— — — —	111.7

Dec. 17		11:00 A
No. 1	— — — —	133.6
No. 2	— — — —	119.0
ICE	— — — —	113.0

DEC. 18		11 A.M.
No. 1	— — — —	134.1
No. 2	— — — —	120.0
ICE	— — — —	113.6
— CONDENSATION —		

DEC. 19		11 A.M.
No. 1	— — — —	135.1
No. 2	— — — —	121.0
ICE	— — — —	114.2
— CONDENSATION —		

DEC 20		1 P.M.
No. 1 old	— — — —	128.6
NEW	— — — —	74.5
No. 2 old	— — — —	113.7
NEW	— — — —	124.3
ICE	— — — —	109.2

WARM SE WIND  
 TEMP 24.5°F HUM 59%  
 SOME DRIFTED SNOW IN  
 PANS FOR WHICH I  
 HAVE MADE NO ALLOWANCE

DEC. 21	12:00 <sup>PM</sup>
No. 1	71.3
No. 2	121.0
ICE	107.0

DEC 22	1 P.M.
No. 1	73.4
No. 2	124.3
ICE	109.8
L + x and condensation	

DEC. 24	1 P.M.
No. 1 + SNOW	230.0
No. 1 NEW	91.0
No. 2 + SNOW	133.0
No. 2 NEW	74.1
ice	107.0

Dec. 25	1 P.M.
no. 1	82.0
no. 2	68.5
ice	107.0

Dec. 26	1 P.M.
no. 1	81.4
no. 2	67.5
ice	107.0

Dec. 27	1 P.M.
no. 1	82.5
no. 2	68.5
ice	107.5

Dec. 28	1 P.M.
no. 1	92.8
no. 2	74.2
ice + snow	112.0
ice	104.0

Dec. 29	1 P.M.
no. 1	95.0
no. 2	77.2
ice + snow	107.0
ice	105.0

Dec. 30	1 P.M.
no. 1	101.8
no. 2	77.0
ice	107.0

No OBSERVATION DEC. 31  
and JAN. 1 because of  
drifting snow — also  
precipitation

Jan. 2	1 P.M.
No. 1	106.9
No. 2	134.0
ICE	108.0

Jan 3	1 P.M.
no 1	106.8
no. 2	131.6
ice	107.5

JAN 4	1 P.M.
No. 1	109.8
No. 2	135.0
ICE	107.5

JAN. 5	12 NOON
No. 1	111.7
No. 2	138.1
ICE	107.6

JAN. 6	1 P.M.
No. 1	110.0
No. 2	136.1
ICE	107.5

JAN. 7	1 P.M.
No. 1	107.8
No. 2	134.2
ice	109.1

JAN. 8  
New pan snow taken due to blowing snow DN

	1 P.M.
No. 1	138.0
No. 2	123.0
ice	107.5

JAN. 9	1 P.M.
No. 1	135.2
No. 2	117.4
ice	103.0

JAN. 10	1 P.M.
No. 1	132.8
No. 2	115.0
ice	102.1

JAN. 11	1 P.M.
No. 1	133.3
No. 2	116.0
ice	101.8

JAN. 12	1 P.M.
No. 1	131.4
No. 2	116.0
ice	103.0

JAN. 13	
no. 1	127.2
no. 2	112.5
ice	101.0

JAN. 14	12 NOON
No. 1 old	45.0
No. 2 old	41.2
ICE old	43.1
No. 1 NEW	11.1
No. 2 NEW	4.0
ICE NEW	WATER

A FOEHN FROM THE SE ~~WIND~~ BROUGHT THE TEMP UP TO 49.8°F AND HAD AN AVERAGE VELOCITY OF 40 M.P.H. FOR A TEN HOUR PERIOD. GUSTS PROBABLY WERE AS HIGH AS 80 M.P.H. THE PANS (TIED DOWN) WERE FOUND BONE DRY AND THE ABOVE WEIGHTS REPRESENT EMPTY PANS. The snow may have been more.

JAN. 15 ----- 1 P.M.  
 No. 1 ----- 107.0  
 No. 2 ----- 149.5  
 ICE ----- 115.9  
 CONTINUED WARM

JAN. 16 ----- 1 P.M.  
 No. 1 ----- PANCAKE  
 No. 2 ----- 120.8  
 ICE ----- 99.8  
 ICE REFILLED. 1" water in each

SNOW PAN  
 JAN. 17 ----- 1 P.M.  
 No. 1 filled ----- 131.0  
 No. 2 ----- 109.0  
 ICE ----- 88.6

BECAUSE OF LACK OF SNOW  
 WE HAVE NOT CHANGED  
 SNOW DAILY.

JAN. 18 ----- 12 NOON  
 No. 1 ----- 130.2  
 No. 2 ----- 108.0  
 ICE ----- 88.2

JAN 19 ----- 1 P.M.  
 No. 1 ----- 124.8  
 No. 2 ----- 103.7  
 ICE ----- 84.1

JAN 20 ----- 2 P.M.  
 No. 1 old ----- 122.6  
 NEW ----- 53.6  
 No. 2 old ----- 101.5  
 NEW ----- 109.8  
 ICE ----- 83.9

Jan. 21 ----- 1 P.M.  
 no. 1 ----- 47.5  
 " " new ----- 135.0  
 no. 2 ----- 106.5  
 ice ----- 80.5

Jan. 22 Focher DN - Temp. 48°F. 1 P.M.  
 no. 1 ----- 123.5  
 no. 2 new (pan blown away) ----- 101.0  
 ice - (melted to water + could not be weighed)

Jan. 23 ----- 1 P.M.  
 no. 1 ----- 115.0  
 no. 2 ----- 89.0  
 ice water all evaporated <sup>weight of empty pan 23.8</sup>  
 no. 1 new ----- 164.0  
 no. 2 new ----- 125.2

Jan. 24 ----- 1 P.M.  
 no. 1 snow in pan of water ----- 143.0  
 no. 2 " " " " " ----- 109.0

Jan. 25 ----- 1 P.M.  
 no. 1 as water ----- 134.5  
 no. 2 as water ----- 99.5

Jan. 26 ----- 2:30 P.  
 no. 1 as ice <sup>3/8" thick on water</sup> ----- 128.5  
 no. 2 as ice ----- 95.8  
 no. 1 new ----- 141.5  
 no. 2 new ----- 127.8

Jan. 27 ----- 1:30  
 no. 1 ----- 140.0  
 no. 2 ----- 127.0  
 ice new ----- 108.5

JAN. 28 ————— 1 P.M.  
No. 1 ————— 140.9  
No. 2 ————— 127.1  
ICE ————— 108.8  
- condensat ion -

JAN. 29 ————— 1 P.M.  
No. 1 ————— 134.5  
No. 2 ————— 123.3  
ICE ————— 105.3  
SE wind with Temp of 20.7

JAN. 30 ————— 3 P.M.  
No. 1 ————— 129.1  
No. 2 ————— 120.9  
ICE ————— 104.1

JAN. 31 ————— 1 P.M.  
No. 1 ————— 128.7  
No. 2 ————— 120.0  
ICE ————— 103.8

FEB 1 -  
NO MEASUREMENT BECAUSE  
OF PREC. SNOW THROUGHOUT  
DAY

FEB 2 ————— 1 P.M.  
No. 1 ————— 131.1  
No. 2 ————— 121.4  
ICE ————— 104.1  
Feb 3 ————— 1 P.M.  
no. 1 ————— 129.8  
no. 2 ————— 120.0  
ice ————— 103.8

Feb. 4 ————— 1 P.M.  
no. 1 ————— 129.2  
no. 2 ————— 119.0  
ice ————— 103.5

Feb. 5 ————— 12 P.M.  
no. 1 ————— 126.5  
no. 2 ————— 116.5  
ice ————— 101.5

Feb. 6 ————— 12:30 P.M.  
no. 1 ————— 123.0  
no. 2 ————— 113.8  
ice ————— 99.6

Feb 7 - Snow - no readings

Feb. 8 ————— 1:30 P.M.  
no. 1 ————— 159.0  
no. 2 ————— 141.8  
ice + snow ————— 126.0  
ice ————— 101.0

Feb. 9 ————— 1:00 P.M.  
no. 1 ————— 161.0  
no. 2 ————— 142.1  
ice ————— 101.0  
ice + snow ————— 101.2

Feb. 10 ————— 2:00 P.M.  
no. 1 ————— 164.4  
no. 2 ————— 144.0  
ice ————— 104.0  
ice + snow ————— 104.5

FEB. 11  
No. 1 — — — — — 1 P.M. 165.9  
No. 2 — — — — — 151.0  
ICE ~~75.0~~ 105.0

Feb. 12  
no. 1 — — — — — 1 P.M. 161.2  
no. 2 — — — — — 146.0  
Ice — — — — — 100.0

Feb. 13  
no. 1 — — — — — 1 P.M. 158.0  
no. 2 — — — — — 139.0  
Ice — — — — — 97.5

Feb 14 - NO MEASURE - SNOW

Feb. 15  
no. 1 — — — — — 1 P.M. 19.9  
no. 2 — — — — — 7.9  
with <sup>snow</sup> ice 111.1  
ICE 100.2

Feb 16  
no. 1 — — — — — 1 P.M. 22.9  
no. 2 — — — — — 10.1  
ICE 103.4

Feb 17  
No. 1 — — — — — 2 P.M. 25.9  
No. 2 — — — — — 13.2  
ICE 104.8

Feb. 18  
no. 1 — — — — — 12:30 167.0  
no. 2 — — — — — 157.0  
ice — — — — — 97.7

Feb. 19  
no. 1 new — — — — — 2:00 P 176.8  
no. 2 new — — — — — 150.0  
ice 95.5  
Weak foehn drifted snow D.N.

Feb. 20  
no. 1 new — — — — — 12 N 160.0  
no. 2 new — — — — — 135.0  
ice — — — — — 94.0  
Weak foehn again drifted snow

Feb. 21  
no. 1 - new — — — — — 12 N 165.0  
no. 2 new — — — — — 138.0  
ice — — — — — 91.0

Feb 22

Feb. 23  
no. 1 new — — — — — 1 P.M. 140.0  
no. 2 new — — — — — 138.0  
ice — — — — — 87.2

Feb. 24  
no. 1 new — — — — — 2:30 P 136.5  
no. 2 new — — — — — 135.0  
ice — — — — — 83.0

Feb. 25  
no. 1 — — — — — 1:00 P.M. 126.3  
no. 2 — — — — — 117.9  
ICE — — — — — 73.1

Feb. 26  
No. 1 — — — — — 1:00 P.M. 116.1  
No. 2 — — — — — 107.6  
ICE — — — — — 68.7

No observation Feb. 27 —  
Blowing snow

FEB. 28  
No. 1 ————— 1 P.M. —————  
125.8  
No. 2 ————— 117.6  
ICE with snow ————— 69.9  
ICE ————— 65.9

no readings during intervening days.

March 3  
no. 1 ————— 3 P.M. —————  
119.0  
no. 2 ————— 112.0  
ice ————— 63.0

March 4  
no. 1 ————— 2 P.M. —————  
118.0  
no. 2 ————— 111.2  
ice ————— 60.4

March 5 (Max Temp 41+) 1:30 P.M.  
no. 1 ————— 108.2  
no. 2 ————— 106.3  
ice snow pans, half water & half slush 67.9

March 6 1 P.M.  
no. 1 ————— 105.0  
no. 2 ————— 103.1  
ice ————— 62.0  
no. 1 new ————— 140.0  
no. 2 new ————— 120.8  
ice new ————— 75.5

New measurements were taken today because the snow pans contained ice.

March 7 1 P.M.  
no. 1 ————— 138.5  
no. 2 ————— 120.1  
ice ————— 75.0

March 8  
no. 1 ————— 132.0 (water)  
no. 2 ————— 117.4 (water)  
ice ————— no reading

March 9  
no. 1 ————— 123.5 (water)  
no. 2 ————— 103.0 (water)  
ice ————— no reading because of shallow pan

March 10 3 P.M.  
no. 1 (as ice) ————— 120.5  
no. 2 (as ice) ————— 100.8  
ice - new snow ————— 72.4  
no. 1 new snow ————— 93.8  
no. 2 new ————— 90.0

March 11 2 P.M.  
no. 1 ————— 96.5  
no. 2 ————— 93.5  
ice ————— 74.0

Increase not due to precip. - probably condensing moisture from air.

March 12 1 P.M.  
no. 1 ————— 92.8  
no. 2 ————— 92.0  
ice ————— 72.0



March 13 2 P.M.

no. 1	86.8
no. 2	85.0
ice	70.2

March 14 1 P.M.

no. 1	81.1
no. 2	80.2
ice	67.6

March 15 (snow) 3 P.M.

no. 1	78.0
no. 2	82.0
ice	66.1
ice + snow	68.0

March 16 2 P.M.

no. 1 new	105.8
no. 2 new	91.2
ice	63.2

March 17

1 P.M.

no. 1	104.0
no. 2	89.5
ice	61.5

March 18 1 P.M.

no. 1	108.2
no. 2	96.3
ice	60.5

March 19 2:30 P.

no. 1	108.0
no. 2	95.8
ice	59.0

March 20 1:30 P.M.

no. 1	105.0
no. 2	94.0
ice	58.0

March 21 1:00 P.M.

no. 1	108
no. 2	96.5
ice	57.5

March 22 1:00 P.M.

no. 1	107.5
no. 2	95.0
ice	56.2
ice + snow	57.0

March 23 1:00 P.M.

no. 1	107.0
no. 2	94.5
ice	55.0

March 25 (no reading on 24<sup>th</sup> went to flying field to investigate gasoline)

no. 1	103.0
no. 2	93.1
ice	53.2

Trace \* this A.M.

March 26 2 P.M.

no. 1	106.0
no. 2	95.0
ice + *	56.0
ice	53.0

7/10 in, \* DN + this day.

	March 27	2:30
no. 1	—	106.0
no. 2	—	95.8
ice + *	—	52.8
ice	—	52.5

	March 28	3 PM
no. 1	—	103.0
no. 2	—	93.0
ice	—	49.2

	March 29	1:30 P.M.
no. 1	—	100.0
no. 2	—	91.8
ice	—	49.0

	March 30	2 PM
no. 1	—	95.0
no. 2	—	88.0
ice	—	44.0

	March 31	1:30
no. 1	—	94.8
no. 2	—	86.0
ice	—	46.5

? probably too heavy because of snow blowing in the fans DN. nevertheless there was considerable evaporation - temp. about 20° + ESE wind.

	April 1	1 PM
no. 1	—	93.5
no. 2	—	82.8
ice	—	45.0

Blowing \* again last night - weights probably too heavy. Weak John D.N.

April 2nd no readings owing to blowing snow.

	April 3rd	2 PM
no. 1 new	—	110.0
no. 2 new	—	92.0
ice	—	44.5
ice new	—	96.6

	April 4th	2 PM
no. 1	—	112.5
no. 2	—	92.5
ice	—	96.5
ice + snow	—	99.0

Light snow DN and today

	April 5th	2 P
no. 1	—	112.0
no. 2	—	92.0
ice	—	96.0

Very light \* DN.

	April 6th	2 P
no. 1	—	108.0
no. 2	—	90.5
ice	—	94.0

	April 7	2 P.
no. 1	—	94.0
no. 2	—	76.8
ice	—	82.5

april 8

2 P

no.1 ———— 92.0  
no.2 ———— 75.5  
ice ———— 80.0

Trace \*

april 9

2 P. M.

no.1 ———— 90.0  
no.2 ———— 75.0  
ice + snow ———— 81.0  
ice ———— 79.0

1/10" snowfall

april 10

2 P M

no.1 ———— 88.4  
no.2 ———— 74.8 probably some  
ice ———— 79.0 \*blown into  
pan

Trace \*

april 11

2 P M

no.1 ———— 97.0  
no.2 ———— 78.5  
ice ———— 78.0  
ice + snow ———— 81.7

Snow

april 12

2 P M

no.1 ———— 95.0  
no.2 ———— 78.0  
ice + \* ———— 78.0  
ice ———— 77.4

\* DN and morning - probably wind

blew some of \* out of no's 1 and 2.

april 13

2 P. M.

no.1 ———— 95.0  
no.2 ———— 78.5  
ice + \* ———— 79.0  
ice ———— 78.1

\* DN + all day

april 14

2 P M

no.1 ———— 96.0  
no.2 ———— 79.0  
ice ———— 78.0

april 15

2 P M

no.1 ———— 93.0  
no.2 ———— 77.0  
ice ———— 75.5

april 16

2 P M

no.1 ———— 89.5  
no.2 ———— 75.6  
ice ———— 75.0 slight amt H<sub>2</sub>O  
from melting ice T

april 17

2 P M

no.1 ———— 87.0  
no.2 ———— 75.0  
ice ———— 74.6 a little H<sub>2</sub>O in  
pan from  
melting ice

april 18

no readings because of blowing  
snow

april 19

4 P M

no.1 new ———— 140.5  
no.2 new ———— 122.0  
ice new ———— 67.0

april 20

2 P M

no.1 ———— 145.0  
no.2 ———— 124.0  
ice ———— 65.0

0.2" \* DN + this AM.

april 21

2 P M

no.1 ———— 152.5  
no.2 ———— 126.0 too little  
ice ———— 65.0 because  
of loss of H<sub>2</sub>O  
from pans.

Rain DN - measured 0.9mm.

April 22 2 P  
 no. 1 - - - - - 130.0  
 no. 2 - - - - - 125.0  
 All as water - ice pan could not be weighed because water was too near the top. No. 1 decreased much more than no. 2. There may be a small hole in no. 1.

April 23 2 P M  
 no. 1 as H<sub>2</sub>O - - - - - 129.0  
 no. 2 as H<sub>2</sub>O - - - - - 123.0  
 Ice pan too full of H<sub>2</sub>O to measure.

April 24 2 P  
 no. 1 as H<sub>2</sub>O - - - - - 123.0  
 no. 2 as H<sub>2</sub>O - - - - - 118.0  
 Ice pan not weighed

April 25 2 P  
 no. 1 Water - - - - - 114.0  
 no. 2 " - - - - - 99.5

April 26 2 P  
 no. 1 Water - - - - - 106.0  
 no. 2 " - - - - - 99.5

Decrease in no. 1 probably due to its exposure to SE wind, no. 2's position is in lee of wind from this direction. More hours of sunlight would help to decrease no. 1.

April 27 2 P  
 no. 1 Water - - - - - 93.0  
 no. 2 " - - - - - 90.0

April 28 2 P  
 no. 1 Water - - - - - 84.2  
 no. 2 " - - - - - 83.0

April 29 2 P  
 no. 1 Water - - - - - 80.0  
 no. 2 " - - - - - 79.0

April 30 2 P  
 no. 1 Water - - - - - 76.2  
 no. 2 " - - - - - 75.5

May 1 2 P  
 no. 1 Water - - - - - 73.0  
 no. 2 " - - - - - 73.0

May 2 2 P  
 no. 1 Water - - - - - 68.0  
 no. 2 " - - - - - 66.5

May 3  
 no. 1 water - (frozen DN) - - - 62.0  
 no. 2 " " " " - - - 60.3  
 Last weight of ice pan - 0.0

May 4  
 no. 1 Water - - - - - 54.0  
 no. 2 " - - - - - 53.0

May 5  
 no. 1 - - - - - 48.0  
 no. 2 - - - - - 46.0  
 1/16" ice on water.

May 5

Large pans  
 Scale empty set on zero  
 no. 1 empty and with copper wire weight - - 53.0  
 no. 2 " " " " " " - - 49.5  
 no. 1 " " " " " " stal wire - - 53.0  
 no. 2 " " " " " " " " - - 50.0  
 no. 1 + water - - - - - 133.0  
 no. 2 + " - - - - - 193.0

no. 1 dimensions - 13.9" x 9.5" = 587.1 (in place 7.100.1)  
 no. 2 " " " " " " = 576.1 ( " " " )  
 ice pan 13.7 x 9.4" = 572.1 ( " " " )  
 no. 1 + 2 large round pans 15 diameter

May 6 2 P.M.  
 no. 1 small pan - - - - - 74.5  
 no. 2 " " - - - - - 73.5  
 no. 1 large pan - - - - - 130.0  
 no. 2 " " - - - - - 126.5

Pan no. 2 is located on top of hill;  
 pan no. 2 is 3' from lake surface,  
 see note bottom this page

May 8 - (no reading yesterday) 2 P.M.  
 no. 1 - - - - - 109.0  
 no. 2 - - - - - 164.5

May 9 2 P  
 no. 1 104.5  
 no. 2 157.6

May 10 2 P  
 no. 1 - depth 2.05" 103.5  
 no. 2 - depth 2.85" 156.5

May 11 2 P  
 no. 1 depth 2.0 95.7  
 no. 2 depth 2.75 - - - - - 142.0

no reading on 12th

May 13 2 P  
 no. 1 depth 1.9 - - - - - 86.5  
 no. 2 depth 2.65 - - - - - 129.5

Snow pans when empty weigh:  
 no. 1 - - - - - 44.5 Prec. DN - 0.7 mm.  
 no. 2 - - - - - 40.5

However this weight should be checked  
 against weights given at other places for I  
 believe the scale has been set to zero since  
 the snow pans have been in use.  
 Formerly I believe the beginning reading  
 (scale when without load) was 20 to left  
 of zero.

May 14  
 made kite flight - no readings

May 15 2 P  
 no. 1 depth 1.8" - - - - - 71.2  
 no. 2 - depth 2.4" - - - - - 104.0

May 16 2 P  
 no. 1 depth 1.6 57.2  
 no. 2 depth 2.3 86.5  
 air very dry past 24 hrs.

May 17 2 P  
 no. 1 depth 1.5" - - - - - 49.5  
 no. 2 depth 2" - - - - - 75.5

May 18 2 P  
 no. 1 - depth 1.3" - - - - - 37.0  
 no. 2 - depth 1.85" - - - - - 65.0

Humidity about 20 past two days -  
 much dust in air

May 21 12 N  
 no. 1 depth 0.8" - - - - - minus 14  
 no. 2 depth 1.3" - - - - - 8.0  
 no. 1 new depth 3.15" 73.  
 no. 2 new " 3.5" 72.5

→ Add this 14 to 37 of 18th to give total evap. There  
 was still water in pan & scale weighed it in  
 figures to left side of zero; really weighing  
 in the first 150 which I had omitted in all  
 other readings.

	May 23	Noon
no. 1	depth 3.0"	55.0
no. 2	depth 3.25"	57.0

no reading 23 - snow

	May 24	Noon
no. 1		77.5
no. 2		82.5

Snow in pans - still melting

	May 25	Noon
no. 1		80.0
no. 2		82.6

more \* yesterday & trace this AM.

	May 26	Noon
no. 2	depth 3.55"	79.0
no. 1	depth 3.31"	76.3

note

	May 27	Noon
no. 1	depth 3.22"	72.5
no. 2	depth 3.49"	73.0

	May 28	Noon
no. 1	depth 3.1	60.5
no. 2	depth 3.4	60.8

	May 29	Noon
no. 1	d-3.0	50.3
no. 2	d-3.4	52.4

Trace rain this AM

	May 30	Noon
no. 1	d-2.80	39.0
no. 2	d 3.1.2	38.9

	May 31	Noon
no. 1	d-2.7	30.0
no. 2	d-2.92	27.5

	June 1	Noon
no. 1	d-2.6	18.2
no. 2	d-2.8	14.0

	June 2	Noon
no. 1	d 2.4	-6.0
no. 2	d 2.6	-10.0
no. 1	d 3.8 new	121.0
no. 2	d 4.2 new	138.1

	June 3	Noon
no. 1	d, 3.5"	104.2
no. 2	d, 4.0"	122.0

	June 4	Noon
no. 1	d 3.41"	91.7
no. 2	d 3.9"	106.8

	June 5	Noon
no. 1	d. 3.15	78.5
no. 2	d. 3.68	94.0

	June 6	Noon
no. 1	d. 3.1	74.0
no. 2	d. 3.54	85.5

(Temp. min 21 - 26°)

	June 7-'29	Noon
no. 1	d 3.02	72.0
no. 2	d 3.51	77.7

	June 8	Noon
no. 1	d 3.0	66.5
no. 2	d 3.4	73.5

	June 9	Noon
no. 1	d. 2.96	60.2
no. 2	d. 3.3	68.5

	June 10	Noon
no. 1	d 2.85	51.8
no. 2	d 3.22	59.5

Date	Time	Temp
June 11	noon	
no. 1 d. 2.8		41.5
no. 2 d. 3.04		45.0
June 12	noon	
no. 1 d. 2.64		25.1
no. 2 d. 2.9		26.5
no. 1 d. 3.9 new		139.0
no. 2 d. 4.1 new		131.5
June 13	noon	
no. 1 d. 3.8		126.0
no. 2 d. 3.9		115.0
Foggy DN + high wind today		
June 14	noon	
no. 1 d. 3.68		113
no. 2 d. 3.6		98.0
June 15	noon	
no. 1 d. 3.5		105.9
no. 2 d. 3.6		87.2
June 16	noon	
no. 1 d. 3.8		136.8
no. 2 d. 3.8		121.5
June 17	noon	
no. 1 d. 3.75		133.4
no. 2 d. 3.8		117.5
June 18	noon	
no. 1 d. 3.6		119.0
no. 2 d. 3.72		102.2
June 19	noon	
no. 1 3.4		106.5
no. 2 3.5		87.5
June 20	noon	
no. 1 d. 3.7		123.1
no. 2 d. 3.76		103.0
June 21	noon	
no. 1 3.6		114.0
no. 2 3.6		93.2

Date	Time	Temp
June 22	noon	
no. 1 3.49		101.5
no. 2 3.5		78.0 *slightly low
June 23	noon	
no. 1 3.48		91.5
no. 2 3.49		73.0
June 24	noon	
no. 1 3.1		82.0
no. 2 <del>3.2</del> 3.2		59.2
June 25	noon	
no. 1 3.07		71.6
no. 2 3.0		44.9
June 26	noon	
no. 1 3.0		57.0
no. 2 2.8		28.0
no. 1 new 3.9		142.0
no. 2 new 4.07		143.0
June 27	noon	
no. 1 3.7		130.0
no. 2 d. 3.9		133.0
Temp water: no. 1 19.3°C; lake 15.5°C		
June 28	noon	
no. 1 d. 3.5 temp 20.2		111.0
no. 2 d. 3.7 temp 20.5°C		107.3
Lake temp 16.5°C		
June 29	noon	
no. 1 d. 3.4 Temp 20.0°		93.9
no. 2 d. 3.5 Temp 20.5°		92.1
Temp. lake 17.1°C		
June 30	noon	
no. 1 d. 3.1 temp 23.3		89.0
no. 2 d. 3.45 temp 24.0		79.5
Temp lake 17.5°C		
July 1	noon	
no. 1 d. 3.1 temp 21.8°C		73.5
no. 2 d. 3.2 temp 22.6°C		68.5
Temp lake 18.0		

no. 1 new dog kept in same place as water

July 2 noon  
no.1 d 3.0 temp 12.5 63.5  
no.2 d 3.1 temp 12.8 51.5  
Lake temp 16.4

July 3 noon  
no.1 d 2.88 temp 22.1 - - - 55.2  
no.2 d 3.08 temp 22.5 - - - 41.1  
Lake temp 17.9

July 4 noon  
no.1 d 2.75 temp 21.3 39.0  
no.2 d 2.80 temp 22.8 21.0  
Lake temp 17.5

July 5 noon  
no.1 d 2.8 temp 11.5 24.0  
no.2 d 2.75 temp 11.7 4.0  
Lake 14.5  
noon  
no.1 134.5  
no.2 136.5

July 6 noon  
no.1 d 3.8 temp 17.4 136.5  
no.2 d 4.1 temp 18.2 140.0  
Lake 14.9

July 7 noon  
no.1 d 3.68 temp 12.3 133.5  
no.2 d 4.0 temp 12.5 135.0  
Lake 13.7

July 8 noon  
no.1 d 3.7 temp 12.5 128.5  
no.2 d 3.90 temp 12.6 129.2  
Lake 13.6

July 9 noon  
no.1 d 3.65 Temp 18.0 118.2  
no.2 d 3.88 Temp 19.3 117.2  
Lake 14.2

July 10 noon  
no.1 d 3.55 temp 12.9 107.5  
no.2 d 3.6 temp 13.8 105.0  
Lake 14.5

July 11 noon  
no.1 d 3.45 temp 14.0 98.5  
no.2 d 3.5 temp 14.5 95.0  
Lake 13.5

July 12 noon  
no.1 d 3.5 temp 12.0 107.5  
no.2 d 3.7 temp 12.3 103.5  
Lake 13.6

July 13 noon  
no.1 d 3.5 t 13.5 103.5  
no.2 d 3.6 t 14.2 99.8  
Lake 13.3

July 14 noon  
no.1 d 3.45 t 17.0 100.5  
no.2 d 3.6 t 18.5 94.5  
Lake 14.6

July 15 noon  
no.1 d 3.7 t 9.5 122.0  
no.2 d 3.9 t 9.5 111.1  
Lake 13.4



July 16 noon  
N-1 d 3.60 t 13.0 w 113.2  
N-2 d 3.71 t 13.2 w 101.0  
Lake 11.2

July 17 noon  
no.1 d 3.55 t 8.3° w 120.0  
no.2 d 3.6 t 8.6° w 107.0  
Lake 8.3°

July 18 noon  
no.1 d 3.5 t 16.0 112.2  
no.2 d 3.5 t 17.0 97.5  
Lake 11.5

July 19 noon  
no.1 d 3.45 t 15.8 97.2  
no.2 d 3.48 t 15.8 79.0  
Lake 13.0

July 20 noon  
no.1 d 3.35 t 15.6 87.0  
no.2 d 3.45 t 17.0 71.5  
Lake 13.7

July 21 noon  
no.1 d 3.2 t 10.1 76.8  
no.2 d 3.3 t 10.2 60.0  
Lake 10.5