



Hosea Doton's Journal, 1874

Transcribed by Scott Fletcher

Preface

In January 1874, Hosea Doton and his wife Elvira were living in their home at 34 Pleasant Street in Woodstock. The location is now a parking lot for the Ottaquechee Health Center.

Hosea continued to prepare astronomical and meteorological content for almanacs in Vermont and New Hampshire and to prepare weekly meteorological reports for the Vermont Standard and Ottaquechee Post, and monthly reports for the United States Signal Service. He monitored the weather at 7 a.m., 2 p.m. and 9 p.m. and wrote daily summaries in his diary. In addition to measuring the temperature and snow and rainfall, he noted wind direction and the types of clouds in his diary.

During the year, The Woodstock Railroad hired S.S. Thompson to complete construction of the line to White River Junction. In September, Hosea began working almost daily to revise earlier surveys and finalize plans for Mr. Thompson and his supervisors. Hosea wrote in his diary that he was finally confident that the railroad would be completed. He was pleased to once again receive a monthly salary from the railroad as well as payment for substantial engineering work he had done in the past.



Hosea Doton owned this home on Pleasant Street in Woodstock from 1874 until his death in 1886.

This is one of twenty-two volumes of diaries by Hosea Doton housed by the Pomfret Historical Society in a small brick building next to the Pomfret Town Hall. The building was erected in 1904 by some of Hosea Doton's former students, dedicated in his memory, and used to store Pomfret's original charter from 1761.

This transcript includes very minor revisions to spelling and punctuation while trying to retain the original character of the diary. Language, spelling, and punctuation common to the mid-1800s have been preserved. A glossary and brief notes on people mentioned in Hosea Doton's diaries appear at the end of this transcript.

Thursday, January 1

Rested badly through the night; and arose with a severe headache, but it will probably leave me after I get fully at work. The year opens very quietly and I hope it may continue so. In the forenoon Mortimer called for us to go to the Fitch place, and Mrs. D. and Amelia went then and I remained at my writing till nearly two o'clock. I then walked over and remained till night. I took dinner with Mrs. Perkins and Robert. I received fifty six dollars of Mr. Billings and I paid the Bank one hundred dollars and took up a note that it held against me. I also paid a school tax to Henry Ware of two dollars and fifty eight cents. After coming from Mrs. Fitch's I went to work on the meteorology for the report for the paper, and I carried the monthly report to the office later in the evening. I must take it up again in the morning for I must work out the report for the year. A pleasant morning to begin the year. Stratus clouds with a light wind from the southwest.

Credits – 56.00

Debits – 100.00, 2.58

Friday, January 2

Paid George Fisher for chord. I began the work very early this morning and I carried more than a page of manuscript before ten o'clock. In the afternoon I assisted Polk in setting up stoves at the office, and we have got them well arranged now. I read the proof of all the meteorology for the Post and I have made an arrangement for having it printed on a small sheet, and I must have it fully re-read and corrected. Went to the office in the evening and late in the evening Robert called on his way home. It began to snow at 4 o'clock this morning and continued to snow slightly till nearly noon.

Debits – .18

Saturday, January 3

Arose quite early and began to finish up the old records of meteorology, etc. I was too unwell to work at all, and I spent some of the forenoon at the office. In the afternoon we went to Mr. Billings' green house and had a very rich treat. No one can describe half its beauties and its richness. I paid Miss Knapp 8 cents for paper, the "Harvard Mills," a very heavy variety. Came home and went to work in the office, or rather the study. Am not feeling very well this evening. Paid Mrs. Palmer one dollars for work. Foggy though clear through the night. Or nearly so. Above the fog it is partially cloudy. The clouds increased in the afternoon and it rained very slightly.

Debits – .08, 1.00

Sunday, January 4

Am quite unwell this morning and I do not go to church, but I remained at home resting. And looking over some of my meteorological records to correct the report given in the last Post. I find some errors that crept into that copy and am glad that I can correct them for an extra sheet. Mrs. D. and Amelia went to church this forenoon and they had a very good sermon, one quite appropriate for a new year. His text was Job XVI: 22. "When a few years are come, then I shall go the way whence I shall not return." A very excellent text for the new year, or the change of years. I am sorry to miss a sermon on such a text. In the afternoon he preached from Matt: XXVII: 24. "When Pilate saw that he could prevail nothing, etc." taking the whole verse. I do not know what divisions he made of the subject, but it could but be a good sermon. Robert came from Springfield this forenoon, and he called here this evening. He had very good success at Springfield and his paper seems to be getting a good hold on the people. This is truly a January thaw. The weather holds warm and the wind southeast. The snow is leaving us very fast and the passing is very bad. Soon after noon the wind came round to the southwest and the clouds broke away.

Monday, January 5

Paid Mr. Hewitt for milk tickets and Paul for soap 20 cents and 2 cts for corks. I worked on my books and papers in the forenoon and hearing lessons. Three of my scholars came this morning. The selectmen

wish me to make an examination of Mr. Blossom's land taken for the road. In the afternoon I made a plan of the road and will finish it this evening. I did but little to it in the evening, but computed the contents of the land taken. And I wrote some on another article for the Post. Am some tired and must go to bed. Slightly rainy in the morning but the wind came from the northwest and the temperature began to fall. The thaw lasted till this morning. Surface wind N.W. but clouds from the S.W. In the evening the clouds were from the N.W.

Debits – 1.00, .22

Tuesday, January 6

I rested very well last night and began work with energy. Two of the scholars came and had their lessons very well got. In the afternoon I called on Mr. H.S. Dana and had a very pleasant interview. He is a very thorough scholar and looks very much into the springs of the human mind. I called at Paul's and paid him fifty cents for groceries, and that is all I have paid out today. I spent much of the afternoon in writing an article on Ascutney Mountain and have just now finished it. A cold and stormy morning. The storm began with hail and changed to rain early in the morning. It continued very slightly storm through the day, but increased towards night.

Debits - .50

Wednesday, January 7

Awoke with a severe headache this morning. My scholars came and I heard their lessons with ease and pleasure. I paid Paul 8 cents for crackers. In the afternoon I worked on the report of the weather and did but little else through the day and evening. I went to the office in the evening and found Robert at work on the report for the year, etc. published in his last paper. Mr. Greene publishes the monthly and the yearly, but I must have all of it in a small sheet, an extra to the Post. Rainy in the middle of the night and it froze as it came. The surface is covered with ice this morning. The rain continued through the day and evening. The walking is very bad and dangerous. Wind southeast through the day.

Debits - .08

Thursday, January 8

Spent the greater part of the forenoon on the meteorological report, and in the afternoon was too tired to take up any important work. Robert had the meteorological paper printed this forenoon. I think it is a very beautiful paper. There was one day omitted in the weekly report, but it can be given the next week. I wrote the report of that day again and took it to the office this evening. Very rainy through the night. Eight tenths of rain fallen since last night. The clouds broke away about eleven o'clock a.m. Some showers in the afternoon but at times nearly clear.

Friday, January 9

But one of my scholars came this forenoon. Mr. Blossom called and brot a submission to myself and Horace Lockwood to settle the difficulty between himself and the town of Woodstock, and I spent a part of the afternoon on that business. Mrs. Bridge came just before noon, and remained till night. She let me have six dollars to pay out for her, and I paid four dollars for Scribner's Magazine and three dollars for Oliver Optics Magazine and eleven cts for postage & money order. Was very tired and unwell in the afternoon and evening. This was a most beautiful morning with a very gentle southwest wind. There were a few cirrus clouds in the middle of the day but they all disappeared in the evening.

Credits – 6.00

Debits – 4.00, 3.00, .11

Saturday, January 10

In the morning I wrote on a mountain article. Paid 32 cts for sausages to Richmond, ten cents to Fisher for mending chairs, 24 cts for postage, and paid five cents for nails. In the afternoon I met Mr. Lockwood on Mr. Blossom's road, but the reference was not very satisfactory to Mr. Blossom, and he revoked the

submission. A large squall of snow between 6 & 7 o'clock. About one fourth of an inch fell. The clouds were some broken in the middle of the day. A very severe squall of snow between three and four o'clock.

Debits - .32, .10, .24, .05

Sunday, January 11

There was no meeting at the chapel for Mr. Hewitt is unwell and unable to speak; so we went to the Methodist church to hear Mr. Wheeler. He took for his text Acts XXIV: 25. "And as he reasoned of righteousness, temperance and judgement to come, Felix trembled and answered, etc." The speaker professed to give the ideas of another but did not tell us whose they were. He advanced the idea that Felix intended to reject the doctrines of Paul by sending him away. But the view Mr. Wheeler expressed I think suited him as he would not have borrowed them and given them to his hearers; and I have no disposition to criticize what he preaches in his own house. His own people may do it if they wish; I will not. In the afternoon I remained at home in my own room and tried to get rested. The air was chilly in the morning. The clouds where they were broken were cir. cu. But they soon changed to stratus or nimbus and there were flakes of snow. Squally in the afternoon and evening. About one inch of snow fell. The storm ended at about ten o'clock and the wind came to the N.W. A beautiful auroral arch at midnight.

Monday, January 12

I arose some rested and went to work on my Ascutney article, and I did not finish it till after noon. It extended to about six pages and a half of matter. I hope as much time will be spent in reading it as I have spent in writing it. I went to the office between two and three o'clock. Saw Albro Perkins and Clement Whipple at Robert's office. I went again to Robert's office in the evening but was extremely tired and I went to my room. Received papers from Professor Huntington of Hanover. Paid Billings \$3.10 for flour. Partially cloudy in the morning, cir. st. and these continued through the day. Wind N.W. Clear and some cool in the evening.

Debits - 3.10

Tuesday, January 13

Paid Amelia 60 cents and I paid Hatch 6 cents. I did but little of work in the forenoon. Judge Barrett called to see about having Arnold recite to me. I went to the office in the afternoon and fixed Polk's drawer handles. I am not very well and think that hard and constant work may do something about it. Billings paid 20 cts for flour bag. Cold! Therm. 0.5 below zero. Very nearly clear with N.W. wind very light. Cirro stratus clouds began to form and they increased in density.

Credits - .20

Debits - .60, .06

Wednesday, January 14

Charlie Washburn and Arnold Barrett came here and began their recitations in Algebra. I paid Richmond & Pinney 30 cents for steak and I paid Billings 50 cents for sugar. Horace Dunham and Caroline came here in the forenoon. He came to attend the Railroad meeting and to finish getting the names of property holders. They remained here till evening and Carlie came to supper. The weather is growing cooler. Found 2.9 inches of snow this morning that made 0.26 inches of water. A slight N.E. wind, enough to bend the snow fall from that direction. 2.1 inches fell during the day making five inches in the whole that made 0.47 inches of water.

Debits - .30, .50

Thursday, January 15

This morning I gave Robert an order on the Claremont Mfg. Company and he paid me forty dollars. I paid Miss Knapp 80 cents for the first number of the International Review. I paid Wm. Johnson 39.18 cts on the Thompson trustee matter. Also paid 25 cents. Clear early in the morning but stratus clouds soon began to form. Wind northwest. The clouds became more dense in the afternoon but towards night they were more broken.

Credits – 40.00
Debits – .80, 39.18, .25

Friday, January 16

In the morning I finished the meteorological work and then heard the recitations that come in the forenoon. Horace and Caroline Dunham came and Mrs. D. went with them to Mrs. Latimer's. I remained here through the day alone or nearly so. Mrs. Munger called to have me take charge of Edson's studies. Mrs. D. came home before night and was very cold. In the afternoon I spent a part of the time in adding up the max. and min. columns for a report. Nearly clear in the morning. Cold and chilly through the day. The wind was North in the morning but at times the surface wind was W. Aurora, a low but bright nebulous arch, at 7 a.m.

Saturday, January 17

Paid Richmond \$1.52 for meat & bread, and I borrowed of Polk about five cord feet of dry four foot wood, and I paid Bradley 35 cents for drawing it. Mrs. Bridge paid me one dollar for what I advanced to Scribner and she left the stamps for postage. Mortimer called and Alice Winslow, and Miss Barrett and Miss Fairbanks. I tested the thermometers this afternoon and found the spirit thermometer exactly right. The tube of the minimum thermometer needs raising 1/3 of a degree, and the tube of the 12 inch ther. needs letting down 1/3 of a degree. Clear and cold. Ther minus 13 at 7 a.m. and it was one degree lower afterwards. The day was nearly clear. A few cir. cu. Clouds in the afternoon. A rich aurora low in the north at 9 p.m. A double arch was formed soon after and the higher one moved towards the south but extended quite across the heavens. After reaching the zenith, it separated in the center and soon disappeared.

Credits – 1.00
Debits – 1.52, .35

Sunday, January 18

A cool but beautiful morning and we concluded to go to church. We heard Mr. Hewitt in the forenoon but in the afternoon I called on Mr. Streeter and could not well leave him. I had not seen him for many weeks and I thought I must not longer neglect him. He seemed as well as I have seen him for a very long time. I think on many accounts he is better than I have seen him for the past three or four years. A clear and cool morning with out clouds and almost without wind, but there is a very slight breeze from the north. In the afternoon, the stratus or cirro stratus clouds were formed but they were displaced before night.

Monday, January 19

Kept myself about the house till the scholars came to their recitations and they remained till nearly noon. In the afternoon I worked on the meteorological report. I tested my minimum thermometer and found it not in good adjustment. I raised the tube about half a degree to make it right at the freezing point. It was a nice job, but I did it and put light pieces of cork for the tube to rest on. Fairbanks paid me one dollar for costing interest on an account. Rec'd a letter from Norman Perkins and paper from Prof. Jackman. Warm and cloudy with light southwest wind. It began to rain at 11 a.m. and continued lightly through the day. The storm continued till past midnight but very slight.

Credits – 1.00

Tuesday, January 20

Only three of the scholars came to their recitations, and I was really glad for I was tired. I kept my pen running through the day. I finished the mean of the max. & mean min. ther. for Prof. Huntington, except the addition for the yearly mean. I shall send them tomorrow. I paid Billings 30 cents for kerosene. I tested my 12 inch ther. and the 10 inch and the minimum thermometer and I think they will do quite well now. Spent the evening on the meteorology. The wind came round to N.W. about one o'clock in the morning and the clouds broke away. Soon after there was a light squall of snow. It soon cleared away and it was clear through the day.

Debits - .30

Wednesday, January 21

I arose quite early but was not feeling well at all. All the time I could get I wrote on the meteorological work. I paid postage and box-rent 35 cents & 10 cts for stamps. Paid Paul fifty cents for tea, and I paid Miss Knapp 34 cts for the last July no. of Scribner's for Mrs. Bridge. In the afternoon I worked on the meteorological matters, but found myself too tired to work easily. I found the thermometer rising slowly even as late as nine o'clock. Dense stratus clouds in the morning and it began to snow at eight o'clock. It continued to snow through the day and at night it changed to a fine rain.

Debits – 1.54, .50, .34

Thursday, January 22

I ran to the post office quite early to get the report of Mr. Miller's thermometer. I then wrote on the report for the week. After hearing the recitations of the scholars I began my writing again, and finished the article before noon. I received \$1.25 of Mr. Blossom and paid 40 cts postage for Wm. Page's Standard and I sent 25 cts to Tribune for the Extra Nos. 8, 10 & 14. Mr. Abbott called in the evening to bring plans to be used tomorrow on Mr. Woodward's surveying. Paid for postage & stamps 16 cents. Dense clouds in the morning but the storm ceased in the forenoon. Wind S.E. but it changed to S.W. in the forenoon.

Credits – 1.25

Debits - .40, .25, .16

Friday, January 23

In the morning I did chores about the house but was soon called for to go and run a line for Mr. Woodward. I found some difficulty in fixing the correction for the variation as it was not uniform on the different lines of the same lot. It took me till nearly three o'clock to get the lines so that I could leave them. The day was much too warm for work and the snow leaves us most rapidly. In the evening I got nearly 20 copies of last week's Posts to preserve & to send away. Alice Winslow came here and went to the reading with Amelia. Foggy with strong appearance of rain. The fog continued till nearly noon. The clouds then were cum. stratus. There were squalls of rain occasionally through the day. In gauge 0.04.

Saturday, January 24

Mr. Bradley called for me in the morning and I went to Mr. Billings' to measure his pile of muck, and in the afternoon I went to Pogue Hole with him. Mrs. D. and Amelia went to "Sunny Side" in the afternoon. Mrs. Hatch called and Jennie Sayward and Mrs. Slayton, but they all left soon. Polk and James Barrett are moving the Judge's Book into Polk's rear room, and I hope the change may prove beneficial all around. Called at the Post office and on Robert in the evening. The ground is nearly bare, excepting ice in the roads. Sleighing gone. Entirely clear in the morning with a slight wind from the north. The wind blew from the S.E. for a time in the forenoon but soon came to the S.W. but was veering westerly or N.W. Clear in the evening.

Sunday, January 25

A cold morning with strong northwest wind. We went to church to hear Mr. Hewitt. He selected for a text Luke XV: 6th. "And when he cometh home he calleth together his friends." The object of this sermon was to show more clearly the value of friendship and the many ways in which it should be manifested. He spoke of the importance of true confidence between friends, and with their extending sympathy with each other in every hour of trial. In the afternoon he took for a text Romans XII: 11th. "Fervent in spirit, serving the Lord." I am persuaded that one sermon a day is better for me than more, for this afternoon I could not follow the discourse so as to retain it. I was too tired to go to church at all today. The singing was excellent and the meeting passed off well. In the early part of the evening we called to see Polk and Abbie and we found it very windy and cold. Later in the evening Judge Barrett called in and made a very pleasant call indeed. The judge is a very able scholar and a strong man. Robert also called as we came from Polk's. A clear and cold morning. This is another of the sudden changes. The thermometer is nearly at zero and the wind strong northwest. The wind remained in the northwest and increased till night when it was very fearful. There were a few cirro cumulus clouds in the afternoon and evening.

Monday, January 26

Arose quite early and got the chores out of the way and my scholars came, and that kept me busy till after noon. In the afternoon I made a computation of Mr. Billings' muck heap and I was disappointed at the smallness of the result. I have hardly been out of the house today, till night. Have just come in from the post office where I found a letter from a map publisher O.W. Gray of Philadelphia. I spent the evening in searching authorities for the corners of Mendon and Shrewsbury. Robert called in the evening. Cold with a high north wind that makes it a very rough day. Cirro stratus clouds began to form in the forenoon and they increased till night when it began to snow very lightly (at 5 o'clock).

Tuesday, January 27

Paid Marble for meal 50 cents and one cent postage. Mortimer called in the afternoon and went to mill for us. That fine snow storm lasted through the day and the weather has grown warmer. I spent much of the day in writing for O.W. Gray to assist in correcting his map of Vermont. I hope he will have the most perfect map that is possible. I was surprised to find our state map so very imperfect when it had been corrected by Mr. Hagar. But I found it very full of errors. A very slight storm of snow about one inch now on the ground. It continued through the day and grew warmer. The wind changed to northeast.

Debits - .50, .01

Wednesday, January 28

Was very tired in the morning and could hardly hear my lessons, but the boys came and I did what I could. After noon I went to the office and to the post office and I found Judge Barrett fully incorporated in the rear room and I have never seen Polk's office look better. Mr. Bradley called and got the measurement of the muck pile and went with it to talk with Mr. Billings. It falls short of his estimate about a dozen cords. I am most extremely tired tonight and I remain at home through the evening. A young singers concert at the town hall. Cloudy and some stormy. Wind northeast. The storm is very slight but it continues. It continued till night and at about seven o'clock the wind came to the N.W. and the clouds broke away. Very light cirrus or cir. stratus clouds.

Thursday, January 29

Arose quite unwell, but I went to my work and felt some better after breakfast. My scholars in Algebra came to their recitations and did remarkably well. In the afternoon I went with Mr. Bradley to Pomfret. I found Spencer's folks quite sick. I went to the old place and got drawing book & lamp. There is a lecture at the town hall this evening but I could not prevail upon myself to go. Carlie Dunham came here in the evening and remained through the night. The evening was not very cold but there was a change near midnight. Nearly clear in the morning but cirro stratus clouds formed in the forenoon and they increased in density till night. It began to snow lightly at five o'clock p.m. and more at ten or eleven o'clock p.m.

Friday, January 30

Mailed a letter on Vt. Mountains and town lines to O.W. Gray map publisher of Philadelphia. Mrs. D. and Abbie started for Pomfret at ten o'clock and must have had a cold ride. I remained at home and tried to keep warm. The thermometer has been below zero all day. The folks came home about five o'clock and had had a very good time. I went round with Abbie and took the horse to the stable. I went to the office and then came home to my work. Paid two cents for pens. Do not call it a very good investment. Cold with a high wind from the N.W. or N. The wind changed with a squall of snow at about ten last night and the morning was nearly clear. There were a few cirro stratus in the middle of the day. One inch and a half of snow on the ground in the morning.

Debits - .02

Saturday, January 31

Arose quite early and began to sweep and shovel snow. We have been highly favored this winter on that account. Abbie is sick this morning and Mrs. D. went to assist her. I went to the office. Mr. Bradley called to see me about the muck pile. And he called again in the afternoon and I went with him to Mr. Billings' store and had a talk with F.N. Billings on Mr. B.'s work. It was so very cold in the evening that I watched the thermometer till midnight and it went down to 22 below zero and was still falling. Paid 10 cts for

knitting cotton. Snow with N.E. wind. Six inches at 8 o'clock equals 0.23 of water. It cleared away at three o'clock p.m. 2½ more inches of snow equals 0.11 of water. Very cold in the afternoon and evening. It began to snow before one in the morning.

Debits – .10, .01

Sunday, February 1

Very cold but we concluded to go to church and in the forenoon Mr. Hewitt spoke from Luke XII: 48. "For unto whomsoever much is given, of him shall be much required." He gave us a very earnest and forcible sermon. First showing us what we were responsible for and secondly to what we were responsible. 1st we are responsible for our lives 2^{ndly} for our health and 3^{rdly} for the faculties that God has given us and for the keeping of those faculties unimpaired. We were responsible for our own consciences; to mankind and to God. In the afternoon he preached from Phil. II: 21. "For all seek their own, not the things that are Jesus Christ's." This discourse was directed toward selfishness and he made some very forcible appeals. After meeting I went to Mr. Streeter's to read an article I the Universalist Quarterly. I remained there till four o'clock and then left for home. Judge Barrett called in the evening and we went home with him and made a very pleasant call. After coming from there we called on Abbie and found her very much better. Robert came after we had been there a few minutes and he went home with us. Very cold! Thermometer 32 degrees below zero and that was at half past seven o'clock in the morning. In the afternoon it rose to one below and perhaps a little higher. At 6 o'clock p.m. it was minus 11, at 7 p.m. minus 15, at 7½ minus 18, at 8 minus 19, at 8½ minus 20, at 9 minus 21, at 10 minus 24, at 11 minus 25, at 12 minus 25½.

Monday, February 2

I watched the thermometer till midnight last evening and arose at five o'clock this morning to keep the readings up fully. I borrowed another load of wood of Polk and paid Mr. Bradley 35 cents for moving it, and I think it must last a few days at least. I paid Paul for yeast 10 cents. I could do but little today but try to keep warm, but to keep comfortable was out of the question. Lester Miller called to see how cold it was, but I had not got the lowest reading when he left. Clear and cold. Ther. minus 32 at 5 a.m. It began to snow at 9 o'clock p.m.

Debits – .35, .10

Tuesday, February 3

It seems more like living again for it is truly warmer. Robert and I planned to have my meteorological instruments fitted up in good order for observations, and I studied well to get the best way to hang them. Robert invited us to take dinner with him and we accepted it with pleasure. In the afternoon I worked at my table but I am not very well and cannot do much. The snow storm continues. Wind east and northeast. Six inches of snow fell, which was equal to 0.39 inches of water.

Wednesday, February 4

In the morning I planned how to have my instruments arranged and called on C. Fisher to give him directions about it. Horace Dunham came here in the afternoon. I went to the office in the evening and found our own room looking finely. Polk has made great improvements in his office and in his law business. I am finishing up the meteorological matter for the week and shall have the whole ready soon after nine o'clock. There is truly some work in this, but I can follow it for a time at least. Stratus clouds with some flakes of snow. Wind N.W. there were some broken clouds in the afternoon but the day was cloudy.

Thursday, February 5

I went to the office with the meteorology for the Post and soon Mr. McKenzie called for me and I went with him to make a road survey near Shallies Hill. The day was extremely rough and we had a cold time of it. But we finished the work a little before night and we rode back to Woodstock. I was very cold when I came home and hungry and tired., but I finished up the chores and worked on the levels taken today. Did not go to bed till quite late in the evening. Cool again. Ther. minus 1 and a clear sky. The day was very clear with cold N.W. wind.

Friday, February 6

A pleasant morning with a prospect of a spring-like day. Mrs. Doton proposes to ride to Mr. Dunham's and I got Mr. French to go with his coach before going to the train at eleven o'clock. She rode very easily with a careful driver, and much more easily than she could with a lighter carriage. I rode out and took dinner with Horace Dunham's folks, and it is more than a year since we were there, and how rapidly time moves. Mrs. D. came home about four o'clock; all very pleasantly done. I paid Woodruff one dollar for feed for the Arose very early and tried to finish the surveys, plan and profile in the forenoon, but did not get them ready till past two o'clock. Mr. McKenzie paid me \$7.50 for what I did on the works. In the afternoon I went to the office to make deeds for Mr. Marsh and Mr. Gillingham. I paid Paul 50 cents for sugar and Richmond 12 cts for bread. In the evening I called on Abbie and we had a pleasant call. I worked in the evening on the meteorological papers. Very clear early in the morning but stratus clouds formed before seven o'clock and they increased till night. Very strong appearance of storm.

Credits – 7.50

Debits – .50, .12

Saturday, February 7

Paid 40 cents for gloves and paid 25 cents for eggs. Got speech, etc. from Judge Poland. Paid Arthur Kneen 1.50 for sirrup and I paid thirty cents for paper. I got a paper of pens from Montague to try; but I do not find much difference in them. This 505 is a very good one. The 28 is a very fine one. Henry Page and Christiana came here in the afternoon, and made a fair visit. Robert goes tonight to English Mills to attend a farmers' meeting. I paid Mr. Hewitt one dollar for milk tickets. Cool and some cloudy. The clouds were cirro stratus and remained till nearly night when they were more broken. Clearing weather and the evening entirely clear.

Debits – .40, .25, 1.50, .30, 1.00

Sunday, February 8

A very clear and beautiful day, and the air has grown warmer very fast. We went to church to hear Mr. Hewitt. In the forenoon his text was I Cor. XV: 53. "For this corruptible must put on incorruption," and he omitted the last part. But he gave us a very touching sermon. It was called out by the deaths that have occurred among the members of his parish; and as he alluded to the vacant seats in the house, the audience were much affected. In the afternoon he took a text from Col. II: 6, and the last clause of Eph. V: 8, and he gave us one of the most searching and one of the best sermons I ever heard. He did not regard head Universalists as of very great value but such as were Christians at heart and whose daily walk bore testimony to the world that they were such. Mere matters of belief are of little value, but those emotions of the soul that speak peace on earth and good will to men are of real positive value and lead us aright so that others seeing our good works may be led to glorify our Father which is in heaven. His preaching is calculated to do much good. Mr. & Mrs. Dunham came here and made a short call in the evening. Another clear and cold morning. Thermometer went down to 20 degrees below zero. It grew warm very rapidly in the afternoon and in the night was quite comfortable. The wind is nearly north but a part of the time has been in the northeast. In the evening the thermometer was falling very fast.

Monday, February 9

Arose quite early and found the thermometer about twelve degrees below zero. I paid Paul 20 cents and paid three cents postage. In the afternoon I copied the meteorology for the Smithsonian Inst. And we had some calls. Mrs. Lovell called and Clara French. I am much troubled with chilblains on my hands that almost prevent work or writing. I went to the post office in the evening and called on Polk and found him quite unwell. The weather is some warmer, and seems much like having a storm. Clear early in the morning and cold, but clouds began to form early. The wind was easterly through the day and the clouds increased in density till night.

Debits - .20, .03

Tuesday, February 10

In the morning I went to work on the copying of the meteorology, and finished the monthly report for January. Was busy in the forenoon with the scholars. In the afternoon Mr. Hudson came to put in a window frame for my instruments, but he got it all wrong but I did not discover it till it was in its place. I went to the post office and got a pamphlet from Mr. Safford, and I called on Abbie in the evening. I found Polk some better. I hope he will be able to be at the office for he loses some work by being away. Light nimbus clouds with very slight snow early in the morning. Cool north wind though the temperature is much warmer than yesterday. A squall of snow at five o'clock p.m.

Wednesday, February 11

I paid Richmond 35 cents, and I paid Billings 13 cents for groceries. In the afternoon Sayward & Fisher sent a hand to finish up my window for the meteorological instruments, but they have not made what I wanted nor what I described to them. I think I shall have it taken out and have another put in such as I want. Joanna came in the afternoon and staid till nearly night. I hope he will continue at the Fitch place another year, for Mrs. Fitch feels so anxious about it. Partially cloudy cir. cumulus or sir. Stratus, but purely cir cu. In the middle of the day. A snow squall at 7 o'clock p.m.

Credits - .35, .12

Thursday, February 12

I spent the forenoon with the scholars and got through about half past eleven o'clock. In the afternoon we were some hindered by the festival at the Town Hall. I get disgusted with such performances, for I do not think man should exist on excitement alone. Paid 50 cents for the festival, but I did not go for I have no taste for such things. I staid at home and wrote a letter to sister Matilda who is now at Ludlow. Mrs. D. came home soon after ten o'clock and Amelia about midnight. Partially cloudy stratus or cir. stra. clouds. Nearly clear in the middle of the day and evening.

Debits - .50

Friday, February 13

Paid Paul 25 cts for coffee and paid 25 cts for postage stamps. My scholars came in the forenoon and they had their lessons remarkably well. In the afternoon I made a little survey for Mr. Blossom, and I arranged for finishing the stand for the instruments. I saw Dr. Cotton at Robert's office, and had a chat on microscopes and their powers. In the evening Robert called and we looked up the same subject, and found that the highest powers in large instruments were nearly four thousand diameters. Paid Paul for coffee as above. Increased cloudiness at about one o'clock in the morning. Slight rain in the forenoon and thawing through the day. Wind S.E. Warm and thawing in the evening. 0.09 inches of rain fell.

Debits - .25, .25

Saturday, February 14

We rested badly last night but the day is very pleasant. I went to Mr. Faneuf's shop and found the irons for my meteorological frame about done, and I took them to the tin shop to be covered with zinc. I paid Billings for tea & kerosene 92 cents, and for a loaf of bread I paid 12 cents. In the afternoon I worked on the almanac getting the sun's declination. It is time that the Almanac for 1875 was done, but I have had very bad luck with it. The workmen fail to understand what I want. A very high westerly wind began to blow soon after 5 a.m. A very pleasant day.

Debits - .92, .12

Sunday, February 15

A beautiful and warm morning and owing to the bad sleighing I was afraid to go to Pomfret. We went to church forenoon and afternoon and heard Mr. Hewitt. In the forenoon he took his text from the XXV: chapter of Matthew from the 35th to 40th inclusive. This was to show the importance of good works, and I was fearful that he might be misunderstood and some might think we were lax in our requirements. But in the afternoon he took James II: 14 and other texts to comment upon, and he preached a most valuable

sermon, and made our views very clear on the subject. I believe that faith and works are both necessary and inseparable in the true Christian character. Works are the visible emanation from a true Christian faith. They are a real outgrowth from the heart when they are right, and then both faith and works blend together in unity and they bespeak the true Christian character. In the evening we called on Abbie and took supper with them, and we came home in the evening. Lent to Abbie 25 cents. Very light stratus clouds with a southeasterly wind. The wind continued in the southeast through the day, and the clouds were only very slight in the afternoon.

Debits - .25

Monday, February 16

A very dull day. Cloudy and stormy. Mr. Hudson came to remove the window frame that they just put in a few days ago. My scholars all came to their recitations, and as soon as they left I took up my almanac work and worked on it till night. Fred came in the evening to have Mrs. D. go and watch with his mother. The evening was cold and blustering and she must have a cool ride. Was nearly alone in the evening, that is, it seemed so, but I worked on my papers and could keep myself busy. Ludlow for sawing wood 25 cents. Stratus clouds in the morning and it began to snow soon after 9 o'clock a.m. and continued till about noon. Nearly one inch fell. The wind came round from the S.W. to S.E. soon after noon. Squally of snow in the afternoon and evening with very high northwest wind.

Debits - .50

Tuesday, February 17

Rested alone last night and can hardly think that it was very pleasant. Spencer brought Mrs. D. home this morning. My scholars all came in this forenoon. Frank Hatch called. He has been sick for a long time, that is, for some weeks. He is extremely anxious to keep his studies along so as to keep with his class. I worked on the almanac through the forenoon after the scholars had gone and in the afternoon. Have made but little progress with the almanac for 1875, but must drive myself on it more rapidly. High N.W. wind through the night and it abated but little during the day. Light cirro cumulus clouds through the day that changed to cir. stratus in the evening.

Wednesday, February 18

Mr. Hudson came and put up the iron frame over the window that he put in yesterday. This was a critical job but we had very good success and I shall soon have my instruments so as to take the readings myself. My scholars are doing extremely well, especially in Algebra, but I must try to have them all in one class, and it can probably be so arranged. I can hardly find time to go to the office or to leave my room. I am too lame from chilblains to go about the village or to walk much any where. Clear and cool in the morning with a very slight N. or N.W. wind. The wind increased in the middle of the day but calm in the evening.

Thursday, February 19

I called on Mr. Hudson and got the small pieces to hang my thermometers on, and I put up one of them, the minimum thermometer, so that I can get the readings till tomorrow. Mrs. Dr. Hazen called to see about her scholars and I think they can be so drawn out that they will love study and make good progress. My scholars came in the forenoon. Mr. Hewitt called on us this afternoon and we had a very pleasant chat. The ladies social circle met at Mr. Pinney's this evening. Full stratus clouds and this continued till evening when it began to snow. One inch of snow fell equals 0.12. Wind S.W. in the morning but veered round to the S.E.

Friday, February 20

Paid Fisher 10 cents for making pieces to support my meteorological instruments. The scholars came to their recitations and I got through with them at about eleven o'clock. After that I worked on the frame for the instruments. In the afternoon, I was very happily surprised by a call from Mr. A.P. Morgan, Laura Vail's husband, and I am glad to say that I find him to be a very pleasant and interesting young man. Paid Paul 29 cents for molasses and beans. Mr. Leach and Electa were here in the afternoon. The nimbus

clouds continued till nine or ten o'clock when they changed to cir stratus. The wind was S.W. in the morning but it veered round to the west in the forenoon.

Debits – .10, .29

Saturday, February 21

Have felt some dull for the last few days, and today I have gone about in the water rather too much. I went to Mr. Woodward's and he paid me five dollars for my surveying on the McLaughlin lot. In the evening I went to Montague's and got a blank book for my meteorological reports, and Robert had it charged to him. It will be a very valuable thing to have all these observations copied into the same book, and all nearly preserved together. It began to snow between six and seven in the morning and was much mixed with rain. The snow changed to rain about noon. The wind seemed to be N.E. in the morning but was S.E. in the middle of the day.

Credits – 5.00

Sunday, February 22

Although the walking is extremely bad we could not remain away from church. In the morning I rode up with Mr. Russell. We heard Mr. Hewitt from the CXII Psalm taking the first seven verses. Judge Barrett and his brother-in-law from Pennsylvania were there and I am sure they were well paid for coming, for from such a text no good man could preach a poor sermon. The speaker seemed to feel the inspiration of the Psalmist and the audience had the benefit of the inspiration. In the afternoon he took his text from the CXIX Psalm 1st and second verses. He gave us one of his most earnest sermons. His picture of the good man and the fruits of a virtuous life were most valuable, indeed it was one of the most earnest and most forcible sermons that he has preached to us. Alice Winslow came here in the morning and again at noon. I paid Chapman 20 cents for a box of pills. Began to rule my new book of meteorological records. Dense stratus clouds in the morning and these continued till it began to rain a little before two o'clock p.m. There was but a slight wind and that was from the N.E. Rainy in the evening.

Monday, February 23

I worked on the meteorology till the scholars came to their recitations which detained me through the forenoon. Changing my meteorological books & methods of keeping the observations makes some extra work. I have now nearly six years of observations to copy into the book. At about 5 o'clock I went to the office and to Dr. Hazen's to assist James about his Algebra. In the evening Judge Barrett and his brother-in-law Mr. Allen of Honesdale, Penn. Called to see us. A very pleasant call. Paid one dollar for knife polisher. The rain continued slightly till about eleven o'clock in the forenoon but the stratus clouds continued till night when they broke away. Very high S.W. wind in the evening.

Debits – 1.00

Tuesday, February 24

Paid Paul 50 cents for sugar. Arose very tired this morning, but put myself in readiness for hearing the lessons. The boys came and their lessons were well looked out and they finished the recitations soon after eleven o'clock. Mrs. D. went to Horace Dunham's in the forenoon and came home before night. Mortimer Spear called about five o'clock. Partially cloudy, cirro cumulus clouds with northwest wind at the surface but the higher clouds were from the southwest. Clearing weather in the afternoon. Evening clear.

Debits - .50

Wednesday, February 25

Had a very severe headache through the night, but was some better as I began my work. All my scholars came but one and we spent the greater part of the forenoon on Algebra. Kimball Perkins came in the forenoon full of trouble. It is truly not very pleasant to have the care of such a mind as his. In the afternoon I worked on the meteorology, for Wednesday evening is a busy time with me. Fred Doten called for Mrs. D. to go and watch with his mother. I paid Paul 25 cents for crackers. Very high cirro stratus

clouds in the morning and they increased in density till one o'clock p.m. when it began to snow. In the forenoon the surface wind was from the southeast while the higher clouds were from the southwest.

Debits - .25

Thursday, February 26

Paid boy six cents for lemons, etc. Mrs. D. came home about nine o'clock and Spencer came and we prepared a note to get some money from the bank. The boys came to their recitations and I kept them till nearly half past eleven o'clock. I got my head extremely tired last evening and again this afternoon. I worked a long time on the almanac in the afternoon. Nearly clear in the morning but cirro cumulus clouds formed in the forenoon and in the afternoon cirro stratus formed. Wind N.W.

Debits - .06

Friday, February 27

Mailed a letter to the Life Insurance office at Brattleborough with assessment \$1.10. Paid Richmond & Pinney 62 cents and Montague for paper 30 cents. I worked on the almanac in the afternoon. The scholars took up the forenoon. Fred is drawing the wood now and I hope the sledding will allow him to finish it. James Hazen called in the evening, and the scholars reading club met here. The evening is quite cool and the temperature is falling. Late in the evening it was quite cool and growing colder. Partially cloudy in the forenoon but a slight snow storm began about noon and continued till 4 p.m. Evening clear. Wind N.W. in the afternoon.

Debits - 1.10, .62, .30

Saturday, February 28

The air was very cold this morning and I went to the office and the post office and met my friends Mr. & Mrs. A.P. Morgan. They gave us a call and it was truly a very pleasant one. Mr. Morgan is a scholar and is a very excellent scientist. Botany seems to be his forte. Paid Billings 24 cents for thread, etc. Paid boy for oranges five cents and Amelia for borrowed five cts. And this closes the month of February. Clear and cold early in the morning. Partially cloudy through the middle of the day. Wind N.W. Clear in the evening.

Debits - .24, .05, .05

Sunday, March 1

A very beautiful sabbath morning, and though the going was exceedingly bad we must go to church. Mrs. D. was hardly able to go in the forenoon, but went in the afternoon. In the forenoon, Mr. Hewitt took for a text the four words in the Lord's prayer, "Deliver us from evil." From this text he could easily make a doctrinal discourse. Delivering us from evil is not delivering us from the punishment of sin. As is usual with him our speaker did not forget to draw very important lessons from the text touching our moral and religious lives here. In the afternoon he took a text from Proverbs, "Whom the Lord correcteth, etc." and also Heb. XII: 6. "For whom the Lord loveth he chasteneth and scourgeth every one whom he receiveth. This gave rise to a very good sermon, and a very profitable one for us to hear. In the evening Simeon Dunham and wife and Dr. Chandler & wife called on us, and we had a very pleasant call although it was very apparent that something prayed very much on Simeon's mind. A cool cloudy morning, stratus clouds, but at eight o'clock it was nearly clear. There were a few stratus clouds in the middle of the day but in the afternoon and evening it was clear.

Monday, March 2

In the morning I went to the bank and got \$127.75 giving my note for \$130. Dollars and I paid collector Allen of Pomfret \$13.85 in full for Pomfret taxes on the list of 1873. I also paid Savings Bank \$47.45 as interest on the Thompson note. I spent every spare moment in writing out the meteorological report for the month and I carried it to Mr. Greene for the Standard of this week. I was extremely tired this evening. I called on Polk and on Robert for a few minutes. Very clear in the morning with a very slight N.W. wind. The day was clear and beautiful throughout and scarcely a cloud was seen at any time.

Credits – 127.75
Debits – 13.85, 47.45

Tuesday, March 3

This morning I let Spencer have \$25 dollars of the money I took from the bank yesterday. Town Meetings today in this state and but few care how the elections go if they get good men for the several offices. In the afternoon I went with Mr. Henry to examine lines on Mr. Woodward's land, and also to run levels over a place where he intends to make a fill to run a ditch for irrigation. Mrs. Hazen and Jennie Sayward called in the evening. Joanna was here in the afternoon. A thin coat of cir stratus clouds covers the sky but the sun shines through it. The clouds increased in density till it began to rain at three o'clock p.m.

Debits – 25.00

Wednesday, March 4

In the forenoon I attended to the recitations in Algebra and found the boys were getting along very well. James Hazen is improving very rapidly and I hope will soon be in the class. Paid Richmond & Pinney 50 cents for lard and paid Slack 15 cents for lemons, and I paid Mrs. E.B. Ware \$1.65 for gloves, etc. James Hazen came in the evening. I called in the office in the evening and found Polk in first rate order. Worked late in the evening to finish up the meteorological report for the Post. It had rained but little through the night but this morning it began to rain and it continued till after noon. S.E. wind in the morning but it came round to the S.W., W. and N.W.

Debits - .50, .15, 1.65

Thursday, March 5

Called on Robert this morning who is having a severe time with his face and head. Mrs. D. walked over to "Sunny Side" to see Mrs. Fitch who is quite unwell. I worked on the almanac through the day. Mrs. Henry Hatch called and Mrs. Russell called just before night. In the evening I went to the office but got smoked out of Robert's office on account of the burning chimney. Mrs. D. came home early in the evening. This burning of the chimney was not a very safe performance in this hour of the night. Clear and some cool in the morning, and it remained so through the day. The wind was N.W. and not a cloud was visible at any time.

Friday, March 6

There was an alarm of fire on account of the burning chimney that began last night. It did some damage to three of the rooms in the basement, first story and second story of the building. In the forenoon I paid Thomas White one dollar for wood had in the winter. I kept at work on the almanac in the afternoon till night, and in the evening we went to see Abbie. I have kept up my reading of the instruments, and have all the observations to date, so that I can begin the next weekly report. Clear in the morning excepting a slight haze but cirro stratus clouds formed early and continued to increase in density till night. Wind N.W. through the day.

Debits – 1.00

Saturday, March 7

Paid ten cents for groceries. Went to the office in the morning and then called on Robert who has been quite unwell for a few days. This is one of the hardest days for study that I ever knew, and it is so for every one that I have heard speak of it. I have tried to fill out the columns of aspects in the almanac for 1875, but made so many mistakes that I left it before night, as I could not trust myself to go on with it. I paid Paul 25 cts for beans and Richmond 45 cents for meat. Dense stratus clouds in the morning and it began to snow slightly at 9 o'clock a.m. and it soon changed to hail and it continued to storm till night.

Debits - .10, .25, .45

Sunday, March 8

The morning is not cold but it is cloudy and some squally. But we all concluded to go to church. Mr. Hewitt preached from I Cor. XV: 24-25. "Then cometh the end, etc." The object of this discourse was to explain Christ's mission on the earth, its object and its certain accomplishment. This might be called a doctrinal discourse but it was only doctrinal on the side of Christianity. In the afternoon he took James I: 12. "Blessed is the man that endureth temptation; for when he is tried, etc." He gave us a very practical discourse. He struck very severely upon the prevailing views of the day and those to which our public men are mostly guilty of, but he gave some very good advice upon the methods of overcoming temptation. Let the whole mind be concentrated upon some good work and there is but little danger of our being affected by temptations that fall in our way. One inch and one tenth of snow on the ground and about half an inch fell in the squalls during the day. The higher clouds have moved from the west or southwest. In the afternoon the squalls of snow were from the northeast so it is difficult to tell the direction of the wind.

Monday, March 9

Paid Paul 20 cents for soap, and then the scholars came. After that I had to entertain Kimball till after one o'clock. His presence is awfully pleasant to him if not to the rest of us. He is entirely out of employment now and is visiting about and playing the agreeable. In the afternoon I did chores about the house assisting in moving beds, etc. Found at the post office an old paper touching upon the Transits of 1874 and 1882. Paid Wm. Hewitt taxes \$23.44 in full and I paid 6 cents for fitting iron for stove pipe. Stratus clouds in the morning with wind veering N.W. Before noon the wind came fully round to the N.W. and was strong. Temperature falling.

Debits - .20, 23.44, .06

Tuesday, March 10

This morning I paid Billings 62 cents for tea. I spent the greater part of the forenoon with the scholars. I find it is best for me to get another Algebra for I wish to look over the work before the classes being their recitations. In the evening we all went to hear Wendell Phillips. He delivered his lecture on the lost arts and it was one of the best that I ever heard. I wish I could hear him again tomorrow evening. I paid 50 cents for ticket to the lecture. Cloudy in the morning and the clouds increased in density till it began to snow at about 8 o'clock. About one inch of snow fell.

Debits - .62, .50

Wednesday, March 11

Mrs. Bridge came here from the lecture last evening and remained through the night, and left for home about ten this morning. I had a very close drill with the scholars this morning and was very tired at noon. In the afternoon I wrote out the meteorological report for the week, to be finished after the 9 o'clock observation. It requires more time than I always have time to give to make these reports perfectly free from all error. Cold and rough weather. Wind N.W. with frequent squalls of snow. These continued through the day and evening.

Thursday, March 12

This is cold March weather and I have not felt like stirring out today. I have spent much of the time on the meteorological notes and must make up my mind to do more in less time. The almanac is very much behind the times and I must make, or rather compel myself, to finish it out. The greater part of the picking up of small quantities is nearly done. I paid Mr. Eaton \$3.78 cents school tax on the list of 1873. Partially cloudy, stratus clouds with Northwest wind. The weather was cold and raw through the day.

Debits - 3.78

Friday, March 13

Arose some unwell but resolved to work off all spleen. My scholars came to their recitations but Mr. McKenzie called for me to go to the High School. I dismissed the class for the forenoon and Mrs. D. and myself repaired to the school house. We heard the examination in Astronomy and witnessed some other

things, and I think we found the school in admirable order. Paid Billings for sugar and kerosene 80 cents, and I paid 10 cts for postage stamps. Partially cloudy with cirro stratus or stratus clouds. A cool N.W. wind through the day.

Debits - .80, .10

Saturday, March 14

Am much better this morning but must put in my best work on the almanac. Am rather ill prepared to do any great amount of work for chores and calls of every kind must be attended to. Spencer called in the forenoon and will probably send for Mrs. D. to go and assist them. Fred came in the evening and Mrs. D. went with him. The evening is cold and windy and very dark. Partially cloudy again with a cold raw N.W. wind, but not so cold as the past two days. Dense stratus clouds in the evening.

Sunday, March 15

I arose quite early in the morning and picked up a kind of breakfast and started for Pomfret. I called at the Fitch place and finished a breakfast, and then got their horse and rode to Spencer's. I found them as well as could be expected but his wife cannot live many days. We came from there not far from ten o'clock and called at Mrs. Fitch's and staid there till after noon when we came home, very tired and exhausted. Cool in the morning and some cloudy, but it became quite clear and very pleasant.

Monday, March 16

The scholars have come in with renewed courage, and the work has gone remarkably well. In the afternoon I made a survey for Lucius Wilson & Oscar Bryant on Linden Street. The snow is leaving us very rapidly and the walks are muddy, but we do not have any sugar season. Leland Doten came in the morning and began to saw wood for me again. This is quite a relief to me as I have no time to attend to it. Very slight stratus clouds and they increased in the forenoon but vanished in the afternoon. Wind S.W.

Tuesday, March 17

Mr. Clarke came in and paid me fifty dollars on the railroad account. This could not have come in a better time for I have very much needed it. Paid Montague 12 cts for two pencils. The boys have not made so good progress as I could wish today for they seem a little absent-minded, and the work pesters them. Jennie Sayward began her recitations in geometry, coming at half past four in the afternoon. The rain began at two o'clock a.m. and continued through the day. 0.15 inches of rain fell.

Credits – 50.00

Debits - .12

Wednesday, March 18

I paid the Savings Bank \$18.25 as interest on note they hold against me. The interest is due April 3d, but I pay it when I can. The scholars made good progress this forenoon. Paid Billings for cotton cloth \$2.46 and Mr. Hewitt one dollar, and Richmond & Pinney 25 cts Ware .06. At half past four Jennie Sayward came to her recitation in Geometry. I finished the meteorological report for the week and Robert took it to the printer. We are here alone now for Amelia is at Horace Dunham's. A very mild day and the water is running in the roads like spring.

Debits – 18.25, 2.46, 1.00, .31

Thursday, March 19

I sent six dollars to the Universalist publishing house which pays for the Quarterly up to last January, and now I must pay for the present volume. Paid Mortimer 25 cts for eggs, and paid 20 cts for stamps & money order. Hazen came to his recitation in the afternoon. Am very tired but have a few more lessons to hear. Jennie Sayward came at half past four to her recitation. She and Amelia went to Mr. McKenzie's to a social gathering in the evening. Foggy in the morning and stratus clouds after the fog had risen up. The clouds increased in density till night when it began to rain at six o'clock p.m. The wind came round to the N.W. and it stopped raining soon after 8 o'clock p.m.

Debits – 6.00, .25, .20

Friday, March 20

Heard the lessons in the morning and then began upon the almanac and copied the Sun's declination and Equation of Time into the New Hampshire pages. I worked on it till nearly night. Paid Billings one dollar for suspenders. After going through with all the recitations, I began my writing and continued it till after nine o'clock, and I was too giddy to write longer. I received a letter from the signal service office and they call for my reports and promise to forward blanks, etc. Cooler with Northwest wind and stratus or cumulo stratus clouds. The afternoon was nearly clear and the evening clear.

Debits – 1.00

Saturday, March 21

This morning I paid Mrs. Dana eighteen dollars as interest on the Gibson notes. I also paid Paul 20 cents for eggs and postage 5 cents. Got receipt from the Univ. Publishing house, and a letter from J.J. Wilson in reply to an account that I sent to him but he is in error about its having been sent by Mr. Chamberlin. I must write again and I think he will pay the bill. Robert called in the evening, and Carlie Dunham soon after. I must close the notes for the week and be ready to go to church tomorrow. Partially cloudy. A very pleasant morning with light wind from the S.W. but the wind increased in the afternoon and continued through the evening.

Debits – 18.00, .20, .05

Sunday, March 22

Had a very severe headache through the night and it does not abate this morning. But I went to church and heard Mr. Hewitt speak from these words of the Lord's Prayer, Forgive us our debts as we forgive those who trespass against us. I do not quote this as it is in any one place. The sermon was on the subject of forgiveness, and the speaker gave his views on it and it seems to me that it is the only rational view of it that can be taken. Forgiveness does not imply forgiveness from deserved punishment. At noon I met Fred Doten who says his mother died this morning. I sent a telegram to Edward. Paid 40 cents to the operator. In the afternoon we went to church to hear Mr. Hewitt. Found the ground covered with snow that must have fallen in very large flakes. The day was partially cloudy but very pleasant. The wind was strong Northwest. The snow fell between 3 and four o'clock this morning and there was 0.35 inches fell. It began to snow again at 10 o'clock p.m. and continued till midnight.

Debits - .40

Monday, March 23

This morning I mailed letters to the War department and to J.J. Wilson. The last was on account of a bill that I hold against him. After I heard the recitations, I called on Mr. Hewitt to make arrangements about his going to Pomfret tomorrow. I am quite anxious to have him go with us. Paid Billings 24 cts for crackers, and Mrs. D. paid 75 cents for flowers to carry to Pomfret. Spencer called in the morning while I was at the recitations. Horace called in the evening. Mr. Chamberlin called at noon. A cold morning with a very strong N.W. wind. Squalls of snow in the night. About one inch fell. It began to snow at 2 a.m. and snowed till four a.m.

Debits – .24, .75

Tuesday, March 24

In the morning I walked to Mr. Hewitt's to make arrangements about going to the funeral at Pomfret. We got a team of Mr. Fay and Mr. Hewitt, Emma Dunham, Polk and Abbie, and Mrs. D. and myself went. The ride was extremely pleasant though the going so bad. The road was very rough and dangerous but we got there and back. Paid Chapman 19 cents for Bay rum. And Mrs. D. paid Mrs. Ware 80 cts for skirt and other things. Am extremely tired tonight and can write but little. Very cold with high N.W. wind. The wind continued through the day. There was a light squall of snow at 6 o'clock p.m.

Debits – .19, .80

Wednesday, March 25

We rested badly last night for our ride yesterday was much too severe. Mrs. D. was sick through the night but is some better this morning. I attended to the recitations of all the scholars this morning and then I went up town. Worked at my table in the afternoon. But in the evening I went with Mrs. D. to hear E.H. Chapin's lecture on modern chivalry and it was pronounced by all to be one of the best lectures ever delivered in this village. I was some unwell but I could not resist the anxiety to hear Chapin. Much warmer this morning with westerly wind. Partially cloudy. Afternoon very pleasant and pleasant in the evening.

Thursday, March 26

In the morning I walked to Mr. Woodward's office to change receipts, but was very tired. We were intending to go to Mr. Hewitt's this afternoon but we were not able to go. I took an addition to my cold last evening and am quite unwell. Mrs. D. is feeling the disappointment of not going to Mr. Hewitt's very much. I did not go outdoor at all in the afternoon and evening and we were feeling quite desolate. Edward Doten called here in the early evening and he starts for home by the night stage. Cumulo stratus clouds with west wind. The clouds increased in density till three o'clock p.m. when it began to rain. But the rain fall was very slight.

Friday, March 27

Am feeling some better this morning though I have hardly been out of the house. Mrs. Dunham came in the forenoon and remained through the day. Horace came in the evening and they remained through the night. Amelia's book club met here in the evening. She sent by me to get some oranges and I got a Florida orange for myself paying 8 cts for it. I wrote through the greater part of the afternoon and evening, and was very tired. Horace seems some aroused up on political subjects. Stratus clouds in the morning with westerly wind. Clear in the evening but the surface wind was from the north in the morning.

Debits - .08

Saturday, March 28

Lucius Wilson paid me one dollar for surveying house lots, and I paid Richmond for ham 60 cents, and Billings for tea 62 cents. Abigail came over in the forenoon and staid till night. Horace and Carlie Dunham called in the evening but left for Simeon's. We seem to be left quite lonely. One inch of snow this morning. It began to snow at 1 o'clock a.m. and continued till 5 a.m.

Credits – 1.00

Debits - .60, .62

Sunday, March 29

A very chilly but pleasant sabbath morning and we think about going to church. But Mrs. D. is too much exhausted from the hard labor of the past week, and she needs to rest. Amelia went with me in the forenoon and we heard Mr. Hewitt from I Cor. X: 5, and Heb. XI: 5, using a part only of these texts or verses. The texts led him to touch upon the subject of fate, and necessity, a subject in which he does not believe. In the afternoon he took the last verse of the CXXXVI Psalm. "Oh give thanks unto the God of heaven, for his mercy endureth forever." From this text he gave us an excellent sermon, one that left a very deep impression on the hearers. The singing was all that could be asked or expected. Fred came in the forenoon and rode down here at noon. He seems to be lonely at home and it is not strange that it is so. The surface wind is from the northwest this morning, but the higher clouds are from the west. But the westerly wind seemed to prevail. The wind was most peculiarly chilly all through the day, much more so than the state of the thermometer seemed to indicate.

Monday, March 30

Rested quite well last night and this morning went to work rapidly on the Almanac. Heard the lessons and got through at half past eleven o'clock. In the afternoon I took up the almanac again and prepared the first part. I borrowed Mr. Miller's Atlas to trace the path of an eclipse, and I see that we are to have a beautiful eclipse next year and nearly central. I paid 22 cents school tax for district No. 3 which I suppose is right.

Postage 4 cents. It is now past 9 o'clock and I am some tired. Paid Mrs. Ware 40 cents. Clear in the morning with a mild westerly wind but the wind increased and blew almost a gale in the middle of the day.

Debits - .22, .04, .40

Tuesday, March 31

Mrs. D. went to Abbie's early in the morning and remained through the day. I worked on the almanac and computed the Moon's place for each day of 1875. Heard all my recitations and was fully exhausted so that I could not go to school meeting. The meeting was very small but they went on and elected their officers. Whether they have got a good set of officers time will tell. There is much to be done if one does what the schools need. Colder with a very rough N.W. wind with light squalls of snow. Stratus or cirro stratus clouds. Partially cloudy through the day.

Wednesday, April 1

We are quite tired today and am trying to work on the almanac and on the meteorology. This work is very close and hard. The great annular eclipse of Sept. 29, 1875 is one that requires close study and thought. I lent to Robert a few days ago five dollars, and I paid Whitcomb for flour 80 cents and these are all set to March Cash Account. I received of Frank S McKenzie 5 dollars and I paid it to Leland Doten for sawing wood. It overpays for hat he has sawed and is to go in part towards what he is to saw. A very clear and beautiful day with only a few stratus clouds in the evening. An aurora low in the north at 9 o'clock p.m. and a very bright lunar halo at 10 o'clock exhibiting all the colors of the rainbow.

Credits - 5.00

Debits - 5.00, .80, 5.00

Thursday, April 2

Paid Alvan Hatch 18 cents for hangings for my thermometer shades, and I paid 15 cents for cream tartar. Stratus clouds in the morning but clearing weather began in the afternoon. Clear in the evening. Wind N.W. in the morning but it changed to south in the forenoon. Foggy late in the evening.

Debits - .18, .15

Friday, April 3

This is Gov. Converse's fast day, and the world of young people seems to be moving. At about eleven o'clock we walked over to the Fitch place. Fred came down and spent the day with us and it was very pleasant to see so many of our own folks together. We came home just before night and found the house cold and lonely. I went to work at my table. Fred paid me \$2.17 for cow hide. There was so much return for the cow that I lost a few days ago. Cloudy in the morning with a very light fall of snow. Wind west or S.W. through the day. Partially cloudy in the afternoon and dense cir. stratus clouds in the evening.

Credits - 2.17

Saturday, April 4

Arose quite early to get ready to go to Pomfret, but the weather was so very rough and cold that I concluded not to go. But Mr. Smith came for me and about ten o'clock I went with him. We did not get to our work till after noon and we pressed it with all our skill. Paid Whitcomb 80 cts for flour and paid Billings 62 cents for five pounds of sugar. I was very tired and chilled through and was jaded out, so I could not work at all in the evening. Cloudy with another light fall of snow. It began about 5 o'clock or so. The day was extremely rough and windy.

Debits - .80, .62

Sunday, April 5

Cool in the morning and I did not start very early. Am feeling quite unwell from the hard work and chill of yesterday on Pomfret hills. I took the time in the morning and found my watch 17 seconds too slow and the clock about as much too fast. We all went to church in the forenoon but I was too tired and unwell to

go. Mr. Hewitt spoke in the forenoon from Eph. III: 19th. "And to know the love of Christ which passeth knowledge." The sermon went on to show the depth of the love of Christ and was a truly excellent sermon. We went again in the afternoon but there was no sermon as it was the time of communion service. After supper, Mr. & Mrs. Mellish called, and in the evening Mr. & Mrs. Russell called, and had just left as it began to storm. Clear and cool with light southwest wind, but cirro stratus clouds began to gather and they increased till night. The wind veered to the south in the afternoon and it began to snow at 8 o'clock in the evening. There was a beautiful halo around the sun at about 3 o'clock p.m. and this was made interesting by the elliptical arch meeting the halo below the sun.

Monday, April 6

Paid Richmond for ham 75 cts, and paid Paul for soap 20 cents. I worked all day with the recitations and the almanac, but was extremely tired and jaded from my work Saturday in the severe cold and high wind. I worked busily on the almanac and on the meteorology besides the teaching that I do. The spring term of the school begins today and all is hurry in getting books and in arranging for study. It snowed through the night and 5.4 inches fell making .42 inches of water. Aurora observed at 9 p.m. A bright nebulous light low in the north.

Debits – .75, .20

Tuesday, April 7

In the morning I made myself ready for the recitations, and the boys came in due time. I paid Slack 15 cents for vinegar, and I paid 10 cents for a spool of silk. I spent a great part of the day in hearing lessons and in copying figures into the Almanac. Shall try to finish the New Hampshire calendar soon for it was promised long ago and I hope they will soon get both Calendars. Cloudy in the morning but they decreased through the day. A beautiful aurora in the evening. At 9 o'clock a beautiful arch spanned the sky from west to east, and it moved slowly to the south.

Debits - .15, .10

Wednesday, April 8

Arose quite early and proceeded rapidly to the work of the day. Heard all the recitations in the morning and then went to work on the meteorology for the week. My meteorological work sometimes hurries me quite too much for I do not like to give it to the printer till I know it is right, yet sometimes errors will creep in and get to the public. I regret this very much but do not know how I can avoid it, for the last observation is made at 9 o'clock in the evening and then the whole must be finished. Stratus clouds and partially cloudy. The clouds increased till night when it began to rain and snow and continued till midnight.

Thursday, April 9

Sent a part of the meteorological report to the office by Robert and the rest I carried up soon after. I am glad to get these off my hands but have some fears that they contain some omissions if not errors. Am spending all my time in the office now, that is my own office at home. Cloudy, stratus clouds. The snow storm ceased about one o'clock a.m. and I set the snow and rain to yesterday, which was 1.75 inches of snow and 0.33 of rain.

Friday, April 10

Am extremely busy on the almanac matters and I hope to send it in a few days. In the afternoon I wrote a long letter to Mr. J.F. McKenzie on the subject of schools and teaching in reply to some questions posed by him. I finished the letter after dark and sent it to Mr. McKenzie and he presented it to the meeting and it was read. I am sorry that it was made a part of the doings of the meeting. It began to snow and continued till noon today. 7.7 inches fell equal to 0.80 of water.

Saturday, April 11

Arose quite early and after shoveling snow for a time I went to my table to writing and copying figures. Charlie Dunham came in the forenoon and left just before night for her uncle Simeon's. I finished copying the moon rising and setting into the Calendar pages of the New Hampshire almanac. Borrowed of Charlie Dunham in making change to send to Vick, one dollar & we sent Vick the one dollar. Clear in the morning

but the air soon thickened up with cirrus stratus clouds, and they increased in density till 10 a.m. when it began to snow. Afternoon cooler with high winds.

Credits – 1.00

Debits – 1.00

Sunday, April 12

Though the morning was very cold, we concluded to go to church. On our way we called on Mrs. Palmer and found her quite unwell. There are some symptoms of paralysis. We went to church and found a rather small congregation. Mr. Hewitt took his text from Acts X: 38. "Who went about doing good." This text called out the speaker's power against a narrow and blind selfishness, and in favor of those noble impulses that urge us to raise up and benefit mankind in all possible ways. In the afternoon he spoke from Heb. X: 31. "It is a fearful thing to fall into the hands of the living God." This sermon was a full exposition of the text and was, of course, against the popular view of its meaning. It is truly a fearful thing to transgress his laws and think to escape the consequences. After meeting we went to Mr. Hewitt's and staid till nearly night. The call was very pleasant and we enjoyed it much. The evening was cold and there was a peculiar chill on the air. A very cool north wind and the weather seemed much more like winter again than spring. The wind blew fearfully during the latter part of the night and this morning.

Monday, April 13

Sent one almanac this morning and paid 2 cents postage. Robert paid me \$1.50. I spent a great part of the day in looking up letters, etc. as there are some that I wish to use. I called at Abbie's but she had not got home from school though it was half past four o'clock. In the evening I went to the office and found Polk computing interest, and I think he understands the methods in Vermont very well. I came home but was too very tired to work and did not attempt it. Very nearly clear but very cold. The thermometer registered minus 3.5 which is very rare for April but it grew warmer through the day. Wind S.W. and nearly clear.

Credits – 1.50

Debits - .02

Tuesday, April 14

I paid 16 or 17 cents for eggs, and I took Horace Dunham's horse and went to the mill. Paid Mr. Marble 45 cts for flour. I heard two lessons in the morning and then went to writing to fill out the books that I have been neglecting. Spent the greater part of the day in my room on different subjects of writing. Morning nearly clear but the cirro stratus clouds began to gather up and the increased till afternoon when they began to break. Clear in the evening.

Credits – 1.00

Debits – .17, .45, 1.00

Wednesday, April 15

Paid Billings 48 cents for kerosene and crackers, and I paid three cents postage. Spent the greater part of the forenoon on the recitations and in the afternoon I spent much of the time in writing on the meteorological reports. Worked till late in the evening and after reading the thermometers and writing nearly all the report I went to bed to finish it in the morning. It is very pleasant to work these matters over and get the correct results. And now having the signal service at the helm we must expect great results. A light shower from half past one in the morning till three. Dense cumulus clouds continued till night.

Debits – .48, .03

Thursday, April 16

Rested rather badly through the night but arose quite early in the morning and finished the reports before Robert went to the office. Horace came here to work on the shed to finish around the thermometer stands, and worked much of the day. We examined the barn and found the sills and foundation much better than I had expected. In the forenoon, Mr. Smith called to see about the land that I had surveyed for

him. I paid Billings for nails 12 cents. Clear and some cooler through the day with strong northwest wind. The day was almost entirely clear.

Debits – .12

Friday, April 17

I rested rather badly last night but better than on the previous night. I called on Abbie early in the morning and then went to Robert's office to read the proof of the meteorological report for the week. I then went to the recitations and found two scholars waiting for me to come home. Some of the lessons did not go quite so well, but the day is very bad for study. Jennie Sayward attends strictly to her work and has good lessons. The stormy afternoon makes it rather gloomy all around. Cloudy in the morning, stratus clouds growing more dense. It began to snow at 12 noon.

Saturday, April 18

This morning I received a letter from Mr. Dewey on the subject of the survey of Vermont. In the morning I went to the school house to see the new town superintendent of schools Mr. Wood. I remained there some time and left for home. The present system of making such examinations seems to be very foolish and meager. There was a very respectable class of teachers present, and I wish some modification of the school law could be made that would elevate the standard of these examinations. Cool and partially cloudy in the morning and north wind, but at two p.m. the wind was west though the surface wind was from the south or southeast.

Sunday, April 19

A most beautiful spring morning. The air is cool and very refreshing. We all walked to church in the forenoon and heard Mr. Hewitt from Job XX: 21st. "Acquaint now thyself with him, and be at peace." The speaker here pointed out the importance of knowing more of God and of studying his character. He told us how to learn more of him. He has revealed himself in his works, as displayed in the universe. We can also learn of him by his written word and also by the gift of his Son who does his Father's will, and brought life and immortality to light through the gospel. In the afternoon he spoke from Luke XVIII: 29 & 30. "Verily I say unto you. There is no man that has left home, or parents, or brethren, or wife, or children for the kingdom of God's sake, who shall not, etc." This sermon was an able exposition of the meaning of the text, for it is one of those texts that are not very easily understood. There is not space here to write out even the heads of the arguments, but the true meaning is with us instead of against us. Some warmer this morning with a mild southwesterly or westerly wind, and partial cloudiness, cirro cumulus.

Monday, April 20

I went to see Polk and Abbie in the morning. It is beginning to be quite a storm. Paid 13 cents postage. I heard the scholars in the morning and then took up the Vermont calendar for the Register. There is some work in changing all the calculations from one Meridian to another and from one Latitude to another but it must be done. I now compute the New Hampshire calendar first and then the Vermont from it. A storm of rain, hail & snow began in the morning at 6 o'clock. Lightning in the evening at 10 o'clock.

Debits - .13

Tuesday, April 21

Mr. Montague paid me three dollars for tuition for one scholar the past winter, and I paid 80 cents for a magazine to Miss Knapp. A railroad meeting in the afternoon but I did not attend. I spent the greater part of the day on the Vermont calendar and on the recitations. The railroad meeting amounted to very little but talk, but it will take some work and some money to finish the road. Paid Mr. Hewitt one dollar for tickets, and Carlie one dollar for borrowed. Robert paid me one dollar. The storm continued till noon. Showers in the forenoon. Wind south in the morning but it came round to the west before noon.

Credits – 3.00, 1.00

Debits - .80, 1.00, 1.00

Wednesday, April 22

Early in the morning I set up a line from the Blish corner to Mr. P. Hatch's house. The front of the jail and of Mr. Hatch's house appear to be on the line of the street, and the line of the houses below the jail is eight feet farther back from the street. The line was set up to fix the front of F.S. McKenzie's barn. In the afternoon I worked on the Almanac, but in the evening I wrote out the meteorological report for the week. Mrs. D. went to Abbie's and made a very pleasant call. Paid Paul one dollar for groceries. Morning – light cirro cumulus clouds with westerly wind. A very pleasant day.

Debits – 1.00

Thursday, April 23

In the morning I finished the report for the paper, and then heard the recitations. Spencer called for us to go to Pomfret, and it soon began to snow. We went, however, and had a very good time. I walked down. Robert paid me \$2.50 which pays the five dollars that I lent to him a few weeks ago. We were too tired to work any in the evening. Paid 12 cts for stamps. Stratus clouds in the morning and it began to snow by 10 o'clock a.m. and it rained and snowed till night. S.E. wind. The snow was about three inches and the water 0.37.

Credits – 2.50

Debits - .12

Friday, April 24

Rested rather badly last night but am trying to work, but it is hard work to work at all. Early in the morning I called at the post office to correct proof but my work was not all set up. Spent two hours with two of my scholars, and was too tired to work much. I paid Dunbar 50 cents for splitting wood. Paid Freeman ten cents for camphor. Dense stratus clouds in the morning and it began to snow and rain about 10 o'clock a.m. The storm did not last at all and the afternoon was more pleasant. Evening nearly clear.

Debits - .50, .10

Saturday, April 25

In the forenoon Mrs. D and Amelia went to "Sunny Side" on a visit and to eat sugar. Mrs. Dunham and Carlie went in the afternoon, and I went about 4 o'clock. But I did not stay long for I came home to write to Charles Fitch about the place at Sunny Side. Mrs. Dunham and Carlie came soon after in the severe storm. The storm was very severe all through the evening. I paid Richmond 46 cents for fish. Herman Dunham came here and remained through the night. Light stratus clouds that increased in density till four o'clock p.m. when it began to snow. The storm continued through the evening. A bright aurora at 2 o'clock a.m.

Debits - .46

Sunday, April 26

Found nearly 14 inches of snow in the morning and shoveling enough to attend to. The shoveling was very hard indeed, but I managed to keep the paths open. There was a light storm through the day but it could not be measured. The whole storm was one of the severest of the winter. There was no storm in November that was equal to it. The storm was so great as to prevent people from attending church, at least we did not go from this section. A few went in the forenoon, but I believe more in the afternoon. Bishop Bissell was at the church in the evening I think, as he was expected to be here. Horace Dunham called in the evening after Herman who came here last night, and was too unwell to go home. Polk and Robert called here about six o'clock last evening. A very severe storm of snow from the northeast. At 7 o'clock this morning there had fallen 13.5 inches of snow which made 1.35 inches of water. The storm continued lightly through the day and evening with a rough N. wind.

Monday, April 27

Some more pleasant in the morning. Frank Hatch called and will call each morning to recite lessons in surveying and in German History. I finished and mailed the Vermont calendar for 1875, and they are now

off my hands till the proof comes. I spent the afternoon on the arrangement of my record books, the Diary, Cash Book, etc. Paid two cents postage and also wrote to Mr. Eads of Boston, who wishes to get a place in an engineer's office till June. Cloudy but not cold. Wind N.W. In the forenoon it cleared away and the day was very brilliant, for the new snow is very bright.

Debits - .02

Tuesday, April 28

Wrote to the Claremont Company & the almanac has gone today. Frank Hatch came to his recitations this morning and has two of them, one in German History and the other in Surveying. James Hazen did not come today but all the rest came in time. Paid Billings for starch 15 cents and three cents postage. Early in the morning clear, but cirro stratus clouds formed early and increased.

Debits - .15, .03

Wednesday, April 29

It was so very rough that the scholars did not come in to recite their lessons. Paid Freeman 20 cts for door knob and paid Richmond 16 cts for eggs, and paid 5 cts postage. In the afternoon I wrote a part of the time on the meteorology an especially in the evening for after getting the 9 o'clock observation, I tried to finish the report for the week, and it was done before I left it. How much of storm I am obliged to record. The storm began a little before three o'clock in the morning and continued through the day. Seven inches of snow fell before night.

Debits - .20, .16, .05

Thursday, April 30

I spent much of the forenoon with my scholars and a part of the afternoon. The rest of the day I spent in writing and in doing chores about the house. I paid Billings 37 cents for rice. The cold weather and the storm are the subjects of conversation every where now; and who ever knew such an April as is just now losing. After nine o'clock I wrote rapidly and correctly, as I think, for I was compelled to leave my work unfinished till morning. The storm continued through the night though rather slightly. Three fourths of an inch of snow fell during the night. The thermometer rose through the day and evening. One and a half inches fell during the day, making 2.25 inches since yesterday.

Debits - .37

Friday, May 1

I had my scholars now in full course of study. I paid Richmond 40 cents for meat and I paid three cents for postage. My cash account closes up very correctly and I have brought the balance forward. I copied the meteorological record for the month and mailed it to the war department in the evening. This will probably reach the office as well as any one from the same distance. Called on Abbie in the evening and found her in very good spirits. Some flakes of snow this morning and again in the evening. Cloudy through the day. Snowy about 9 o'clock. $\frac{1}{4}$ of an inch. Brought forward .53.

Debits - .40, .03

Saturday, May 2

Arose quite early and began to write though not very well. Have a severe headache but must work it off. Mailed a letter to the Claremont Co. and explained my account to them. I hope they will become satisfied that the computations are not made in a day or two, but that they cost time and labor. Jennie Sayward came to her recitation though it is Saturday. I am extremely tired this afternoon, but hope to get rested before the work of next week begins. Cold northwest wind and light flakes of snow in the morning, and again about five o'clock p.m.

Sunday, May 3

A very clear and beautiful morning, the first of the kind that we have seen for a very long time. We could again go to church and we had the pleasure of hearing Dr. Ballou. He preached from II Cor. IX: 18th. "For the things which are seen are temporal, but the things which are not seen are eternal." He gave us a truly metaphysical sermon, recognizing the two great principles of matter and spirit, the temporal and spiritual. He discarded some of the principles usually taught in works on Nat. Philosophy, that attraction is a property of matter, etc. In the afternoon he preached from John XVIII: 37. "Pilate therefore said unto him, Art thou a king then? Jesus answered, Thou sayest that I am a king. To this ... bear witness unto the truth." He dwelt particularly on the word, cause, showing its true meaning in this case. He explained the difference between the cause taught and believed in by a majority of the Christian world and the cause in which we are engaged, though all labor for the same fundamental cause, that is the redemption of man. A very different atmosphere this morning; almost entirely clear and not very cold. A very light N.W. wind.

Monday, May 4

Had no recitations in the forenoon for I went out to set up some lines for Frank S. McKenzie and spent the greater part of the forenoon. Carlie Dunham called at noon. I fitted the article for Mr. Greene on the month of April, and I let him have it. In the afternoon I ruled the pages of the meteorological record book, but I have yet much of it to rule before I can copy all that I wish to copy. Jennie Sayward came to her recitation from school. Got \$1.05 from Amelia and paid 20 cents for a bar of soap for washing purposes. Beautiful radiating clouds at 7 o'clock a.m. Cirro stratus clouds formed in the middle of the day but it was less cloudy in the afternoon.

Credits - 1.05

Debits - .20

Tuesday, May 5

In the morning I heard all the recitations except Washburn's and I was very tired. Mr. Dana and Mr. Barrett called, and at eleven o'clock Mr. Barrett, Mr. Clarke, Edward Dana, etc. called to talk of railroads, and I was jaded out. Mrs. Bridge called in the forenoon. In the afternoon I went to the office and examined the U.S. digests of the Supreme Court decisions. There was a meeting of the directors of the railroad and the result seems quite favorable. Again we have those radiating clouds though not like yesterday.

Wednesday, May 6

The scholars came at the usual time, and after they had finished their recitations I took a little time to rest. I spent some time in the afternoon to write on the meteorology for the week, and I wrote all I could till I had taken the 9 o'clock readings this evening. After taking the 9 o'clock observations I finished out the report for the week and left it on my table for the editor of the Post, and then I retired to rest chilled through and some cold. Paid Paul for fish. A very clear and beautiful morning, but the clouds soon formed and grew more dense till night. Barn swallows seen today.

Debits - .21

Thursday, May 7

Heard but three lessons this morning. Washburn did not come, but I continued the work till nearly noon. I paid Richmond & Pinney 20 cents for meat. Carlie Dunham came here at noon. Self was not well in the afternoon and perhaps my lessons are too much for me to attend to in addition to my own work. I received a letter from the signal service requesting our reports to be mailed on the last day of the month, but how can it be done? Clear and cold with Northwest wind. Surface of the ground frozen to the depth of one inch. A very cold wind through the day.

Debits - .20

Friday, May 8

I got of Polk twenty dollars that he took from the bank. In the morning the scholars did not come at nine, but the other three came and attended to their recitations. In the afternoon I went to the office and began the work of copying papers and reports of weather into the large blank book, one that we have procured

for the purpose. I am quite sure that the railroad work will begin this spring. I called at Abbie's in the evening and did not get home till nearly nine o'clock. Squall of snow from 4 to 6 o'clock a.m. $\frac{1}{4}$ of an inch fell. There was also a shower of rain about three o'clock p.m. The evening was cooler and almost perfectly clear.

Credits – 20.00

Saturday, May 9

Heavy thunder at half past nine o'clock in the forenoon. It began to rain at five o'clock in the morning or a little earlier. I went to the office and paid French & Royce 9 dollars. It was what Spencer wished me to pay to them for Corey Leach. Paid Amelia for borrowed \$1.05. Paid Billings for molasses 23 cents. In the afternoon I went to the office and copied reports for a time, and then went home. Got a letter from a Mr. Fletcher a bridge builder. Got a pair of boots at Taft's to try and am to pay 2 dollars if they fit. Paid 6 cts postage. Chimney swallows and bobolinks were seen at the Fitch place. It began to rain at half past four or five this morning and it was showery through the day. At 8 o'clock p.m. amt. rain 0.87 inches.

Debits – 9.00, 1.05, .23, .06

Sunday, May 10

A very soft, mild and beautiful sabbath. It is the most truly spring-like morning that we have had, and the birds and animals seem to feel it. Bobolinks and Chimney swallows are harbingers of spring and they appeared quite happy. Mr. Hewitt preached from I Tim. II: 1st to 6th verses. From this text it might be supposed that the sermon was purely doctrinal but it was not. He dwelt on the importance of a unity of worship, that is upon fixing our thoughts and affections upon one object of worship rather than on three, for in that case neither could have our whole and undivided affection. In the afternoon he spoke from Jer. XVII: 10. "I the Lord search the heart; I try the reins, even to give every man according to his ways. This sermon was more particularly directed to the truth of the certainty of punishment, and to the impossibility of escaping it. In this respect it might seem to be an attack on the common notion of repentance and forgiveness, but he did not so apply it. The sermon was a very good one. In the afternoon we went with Simeon Dunham and his folks to the summit of Mount Tom. A warm and very fine morning though cloudy. Chimney swallows came in abundance this morning and bobolinks were seen on the meadows west of here.

Monday, May 11

Arose quite early but not very well. I went to the office and to the P.O., saw Mr. Worthen and am to go to the school house at three o'clock. Paid Richmond 42 cents for meat got Saturday and I paid Taft for shoes two dollars, and I also paid Fred Chapman for apples 60 cents. In the afternoon I went to the school house to hear a recitation in Algebra, that is the class have finished it and are now ready to lay it by and take something else. I was too unwell to take much interest in the work. Dense clouds with a fine rain or mist in the morning, but it became nearly clear in the forenoon. The chilly N.E. wind prevails.

Debits - .42, 2.00, .60

Tuesday, May 12

The spring birds are nearly all here, the Baltimore oriole came this morning. Had but two of my scholars this morning and the hot day makes bad work with the scholars. In the afternoon I worked in the garden clearing the old materials off to make it ready for plowing. Mr. Bradley brought a load of manure at night. The weather was very warm and seemed again like summer being almost uncomfortable. Clear in the morning with East wind, but the wind came to the southwest in the middle of the day. Clear and warm in the afternoon.

Wednesday, May 13

Arose very early and began my work in the garden. Mr. Bradley came with two loads of manure and will plow the garden today. I worked through the day clearing the ground of stones and brush. Only two of the scholars came to their recitations this forenoon. I called on Frank Hatch in the forenoon on railroad matters. Paid Billings 50 cents for sugar and am getting along well on light payments. The day was

extremely warm, in the afternoon especially. Jasper Freley called in the evening. Light cirro stratus clouds in the morning. Nearly clear in the afternoon and evening. Wind S.W. through the day. A very warm afternoon.

Debits - .50

Thursday, May 14

Am feeling some lame from my work yesterday but must go into it again today. Bought a spade of Freeman and paid \$1.50 for it, and I put it to immediate use. In the forenoon I heard all the lessons except Hazen and Richmond. After hearing the lessons I began my garden work and continued it till night. In the evening we called on Abbie. I finished the meteorological article early in the morning and sent it to the office. Some very light stratus clouds that continued through the day. Very early in the morning the wind was S.E. or E. but it soon changed to N.W. and the temperature fell.

Debits - 1.50

Friday, May 15

After hearing the first lessons I went to the office and read proof of the meteorology. Paid Billings for flour \$2.75, and .35 for salt and 10 cts for soda, and I paid Bradley for work \$1.50. I sold him hay for \$1.50 and now owe him 2 dollars as his work and manure was \$5.00. Finished the recitations at eleven o'clock, and then rested quietly till noon. In the afternoon I had a very interesting visit from prof Quimby of Dartmouth college, a man of high culture and strong mind and great mental power. Some chilly with southerly wind, and a clear sky. There were some light cirro stratus clouds formed in the forenoon and these continued till night. The wind was very light in the evening and its direction hardly perceptible.

Debits - 3.20, 1.50

Saturday May 16

Rested badly through the night and am not well today, but I ought to be at work in the garden. Paid Paul 25 cents for tea. Was very lazy through the day and I could do nothing but rest. The day was very warm, that is, the air was close and sultry though the thermometer was not high. I remained at home nearly through the day. Paid postage 6 cents. It began to rain a 6 o'clock a.m. or a few minutes before, and a very light rain continued through the day. 0.14 inches fell.

Debits - .25, .06

Sunday, May 17

This is truly a most beautiful morning, and everything wears the appearance of the early part of June. I went to church and heard Mr. Hewitt from Mark I: 27th, last clause. "For with authority commandeth he even the unclean spirits, and they do obey him." The subject was taken to show the authority of Jesus Christ and the origin of that authority. This authority is derived from God the Father who is the true and sure foundation. In the afternoon he preached from Rev. XIX: 6th. "Alleluia: for the Lord God omnipotent reigneth." But I must say that I was too tired and too sleepy to get the full benefit of the sermon. After meeting I called on Polk and Abbie and made arrangements for going to Windsor tomorrow. In the evening I called on Robert and I borrowed 50 cents of him. The air is cooler this morning with stronger and counter currents of wind. The surface wind at 7 o'clock was from the south or southwest while a low stratus of clouds were moving rapidly from the northwest while the higher clouds were from the south or southwest.

Credits - .50

Monday, May 18

Though it was some rainy, Polk and I got a horse of Mr. French and went to Windsor to make some surveys for Mr. Edminster. We got there a few minutes before ten o'clock, and after staying a short time at the office we went to West Windsor and began our survey. Mr. Clarke and Polk assisting me in the work. We spent the day in making the surveys and levels over the ground near Mr. Wheler's house. We took

dinner at Mr. Winn's and then we came home over the hills to Woodstock. It rained very steadily till nine o'clock. It began to rain about 5 o'clock a.m. and it rained till nearly 11 a.m. when it abated, but it began again at 5 p.m. and rained very hard till 9 p.m.

Tuesday, May 19

The rain in the morning prevented any hard work in the garden. I have the recitations to hear in the forenoon, and then I went into the garden and used the spade very freely. I worked over the ground and then made some beds for the vegetables. I found very much to do in the garden, but cannot work in it half the time. Am very tired from my work yesterday. In the afternoon the weather was spring-like and seemed much like planting. Squalls of rain in the forenoon but not enough to sensibly affect the rain gauge. Wind W. till nearly night when it came to the S.W. Partially cloudy through the day.

Wednesday, May 20

The ground was some frozen this morning, but I began my work in the garden soon after day light while the ground was still freezing. I paid Richmond for meat 20 cents and I also paid 15 cents to Allen Barrett for printing. I worked some on the levels taken last Monday, but have not yet begun the ground plan. Joanna came here in the afternoon and the storm prevented her from going home and she staid through the night. I spent the evening in writing out the meteorological report for the week. Frost and the surface of the ground frozen about 3/10 of an inch deep. It began to rain soon after two o'clock but the rain was very light.

Debits - .20, .15

Thursday, May 21

The rain storm continues and the weather is some cool. Joanna went home this morning though it still rained. I have done but little work today and have not been able to do it, but the storm has also prevented. I met Mr. Johnson and he will call my attention to the facts in the Winn case before the Grand Jury that meets next Tuesday. I was too unwell to work or study at all in the afternoon and evening. Mrs. Russell and Mary Randall called late in the evening. Richmond for bread last Tuesday 12 cents. Found it raining again this morning but it partly abated in the middle of the day. In the evening the storm increased. At 9 o'clock the rain measured 0.46.

Debits - .12

Friday, May 22

After hearing lessons I went to the office and paid Montague 12 cts for ink. Last night I borrowed of G.W. Paul one dollar and I paid it to Mr. L. Gilbert for Kimball Perkins. I worked in the garden in the afternoon till it began to rain. Mr. H.B. Thompson called to plan about running a line of mile spans to Springfield from Woodstock. Mrs. D. went to "Sunny side" in the afternoon. Amelia went to Mr. Russell's to meet Mary Randall an old school mate. I remained at home and wrote the greater part of the time. The rain storm ended at about six o'clock in the morning, and the wind came to the northwest. Some light showers in the afternoon. This morning the rain measured 0.35 inches.

Credits - 1.00

Debits .12, 1.00

Saturday, May 23

In the morning I started for Hartland hills to fix up a signal to be watched on the 26th. This will be the 3d series of observations from the same point. The first was in 1854 by request of Prof. Clark of the medical college. The second was in 1864 when I found the change in bearing to be 43 minutes of a degree; and this third one remains to be determined, I agreed with Mr. Gallup to fix up the signal and he will do it tomorrow. In the afternoon I worked in the garden and later I got some books from Mr. Marsh's room. Clear in the morning but cumulo stratus clouds formed in the forenoon. Frost in the morning.

Sunday, May 24

Early in the morning the sky was nearly clear and was serene and beautiful; but we were too lazy or jaded out to go to church. I remained in my room through the forenoon and spent the time in trying to rest me. The funeral of Horace King was attended at the brick church this afternoon. But we did not go out till nearly night when we walked over to "Sunny side" to see Joanna. The evening was very pleasant. A fine morning but it soon became quite cloudy, but the clouds wore away through the day and in the evening it was very clear. Vegetation is now going forward very hopefully.

Monday, May 25

Arose quite early and found it was just beginning to rain. The storm was very fine at first but it kept on increasing till afternoon. I tried to do some planting but the rain prevented. After hearing the lessons I began to work on the West Windsor plan to be used in court. Mortimer called and got eleven bushels of potatoes making 12 bushels that he has had. In the afternoon I gave Mr. Jennings the plan that I made for him last fall. He paid me five dollars for it. Was summoned to be at court in the morning. A fine rain began to fall about five o'clock a.m. and continued till 6 o'clock p.m. when 0.56 inches had fallen.

Credits – 5.00

Tuesday, May 26

I went to the Fitch place in the forenoon to see if I could get the signal on Hartland hill, but it was not put up and I walked back, and I then walked to the hill to see if the signal was put up as it should have been. I saw that all was right and I then went back to the village. Was summoned to be at court in the morning, but I hope not to be hindered as I wish to use the signal that I put up this afternoon. Dense cumulo stratus clouds, and these continued till night.

Wednesday, May 27

I went before the Grand Jury as a witness in the Winn case. Received of Sheriff Amsden \$1.10 as fees. I then heard my scholars. Have only three that come steadily though Frank is here nearly every day. In the afternoon I went to Pomfret and took observations to determine the variation in the magnetic needle for the last ten years. The afternoon was very fine for the purpose. The needle was extremely sensitive, and I had very good success, and I am satisfied with the result. I paid Paul \$1.50 for tea and borrowed, and Billings 70 cents, and sent to Life Insurance Co. \$1.10. An extremely beautiful day. In the morning the wind was northwest veering west and it became S.W. in the evening.

Credits – 1.10

Debits – 1.50, .70, 1.10

Thursday, May 28

In the morning I finished the meteorology for the week and then, after hearing the lessons, began work on the plan of the Windsor roads. The day was too warm for work but I kept busy with the garden and other work till night. Mr. Marsh came and printed the meteorological stand. Paid three cents postage. Must write to Prof. Quimby on the variation of the needle, and I think he will be pleased with the result. Another beautiful morning and it was followed by a very warm day. The ther. remained at 83 degrees for two or three hours.

Debits - .03

Friday, May 29

I began to work in the garden quite early and worked till the heat drove me from the garden. After breakfast I heard lessons and worked on the plan to be used in the trial of James Winn. If the trial does not come off soon I hope he will be released on bail. But the day was too warm for work and I was obliged to give up. After it became a little cooler, I worked on the plan and after supper went to the garden. Horace called here and got a basket of potatoes for planting. Paid the Misses McCollum \$2.10. Warm in the morning again. There were some cumulo stratus clouds or rather some cumulus clouds and some stratus. A thunder shower in the afternoon. Rain 0.18.

Debits – 2.10

Saturday, May 30

Early in the morning I worked about the barn, clearing away the N.W. corner as there was too much waste ground there. But it soon became too warm to work in the air and I retired to the house. In the afternoon the people attended to the holiday decoration and it was in some respects quite ludicrous. The "Patrons of Husbandry" made their first appearance here in public and that is novel truly. In the evening we worked in the garden as long as we could see. Paid Paul 25 cents for sugar. Dense fog in the morning but it cleared away soon after 7 o'clock, but it was practically cloudy through the day, and westerly wind prevailed.

Debits – .25

Sunday, May 31

The weather seemed to be too warm to allow us to go out to church, but we determined to go. We heard Mr. Hewitt from Gen. XLII: 21, "We are verily guilty concerning our brother ... therefore is this distress come upon us." This text seems to tell us of our inward monitor the conscience that is touched and pained at wrong doing, and in part decides on the right and wrong of our actions. And it seems that this principle is implanted in our nature and is older than the words of our text. Though the thermometer stood at 86 degrees above zero, I thought I must go and hear Mr. Hewitt this afternoon, and he spoke from Matt. XIII: 3-8. "Behold a sower went forth to sow ... some thirty fold." The speaker went over with the different classes of men to whom the word was preached, and gave a somewhat extended exposition of the parable; and it was one of his happiest efforts. He was eloquent and persuasive and the sermon was one of his best. For a time now we are to have but one service and I am very glad, for one well prepared sermon is all that we can fully comprehend in one day. A warm night but the weather is beautiful this morning. The wind began to blow quite freshly from the southwest. There was a severe shower from 7 to 9 o'clock in the morning from the northwest accompanied by heavy thunder. 0.70 inches of rain fell.

Monday, June 1

Arose very early and began my writing. After breakfast I went to the "Fair grounds" to lay out the track anew. Met Mr. Dana the President of the Agricultural Society. Polk and Eddie Munger assisted me in the work. The day was very cold with high wind. We met the "horse men" on the ground and they explained their views of the track as it should be. We soon laid out the principal lines for the new track and find that the ground must be lengthened about 15 feet in order to get the proper extension. Got 10 cents of Polk and 30 cts of Amelia and paid 30 cts for kerosene. The weather is much cooler with strong wind from the northwest, and in the afternoon it was almost from the north.

Credits – .40

Debits - .30

Tuesday, June 2

Yesterday I paid 20 cts for soap. I did some work about the house in the forenoon, and in the afternoon I went to the Fair grounds to finish laying out the curves. The day was tolerably clear and a very good day for such work. Edson Munger and Frank Hatch assisted me besides Polk. We had extremely good luck in laying out the curves and I think the track now will be very nearly the right length, and if well worked will be one of the best in the state though it will be only a half mile track. Light frost in the morning. The surface wind is from the S.W. but the higher stratus is from the N.W.

Debits – .20

Wednesday, June 3

Arose very early and began my writing but I soon went into the garden and began to spade up the piece behind the barn. The scholars came to their recitations and I finished the hearing at half past eleven. In the afternoon I went with Horace Lockwood to run a road line from the branch road to Mr. Benson's. Finished the work and came home just before night. Was nearly jaded out, and could not write in the evening. Partially cloudy through the day with stratus and cumulo stratus clouds. Wind S.W.

Thursday, June 4

This morning Spencer called and paid me 19 dollars as principal & 50 cents as interest on the 25 dollars that he took of the money that we took of the bank together, on the 2nd day of March. And I also received \$7.58 as a balance of my account against Charles Marsh's estate. I paid Richmond 80 cents and Isaac Fisher 10 cents, and Amelia for borrowed 30 cents, and Hatch for iron for my stand doors 5 cents. I finished the doors and put them up, and then got Polk to help me in taking down the stagings. It began to rain at midnight or 0 hours a.m. and continued till three o'clock a.m. 0.04 inches fell.

Credits – 19.50, 7.58

Debits - .80, .10, .30, .05

Friday, June 5

This morning I went to the Bank and took up the note that I have there, payable today, and paid the bank \$12.50 and gave new note for \$120 dollars. I also paid 29 cts for soap and Mr. Hewitt 1 dollar for tickets and Leland 75 cts for balance on garden work, and I paid Billings 3 dollars for a parasol. In the evening we all went to hear the Quintette Club and were fully paid for the trouble and cost. Their music was superior and performance admirable. Mrs. Bridge was here in the afternoon. A cloudy but beautiful morning. The day was very warm and cumulus and stratus clouds prevailed. Thunder shower at 6 p.m. till nine o'clock. Very heavy thunder. One inch of rain fell.

Debits – 12.50, .29, 1.00, .75, 3.00

Saturday, June 6

Worked in the garden nearly through the forenoon till it began to rain. I paid Bradley 2 dollars for the balance due him for work. Frank McKenzie paid me three dollars for work about his barn, and I paid Chapman 36 cents for Castile Soap. Spent the evening at home at my table which is the most pleasant place that I can find. Abigail has been here through the greater part of the day, but has gone home this evening. And this closes the week although a call from Robert came still later. Cloudy with easterly wind and strong appearance of rain. It began to rain at 11 o'clock a.m. This is a continuance of the rain yesterday. 0.61 inches fell.

Credits – 3.00

Debits – 2.00, .36

Sunday, June 7

We find ourselves very tired this morning and the threatening storm kept Mrs. D. away from church. I went alone and heard Mr. Hewitt from Luke XXIII: 42nd & 43rd. "Lord remember me when thou comest into thy kingdom ... This day shalt thou be with me in paradise." This will at once be regarded as a peculiar text for a foundation for a great and good sermon. But the peculiar condition of the two malefactors affords a field for such a discourse. The prayer of the one and the sneers of the other furnish food for thought. There has been some speculation as to the application of the words This day. Did Jesus mean that he said it on that day or did he mean that the thief should be with him in paradise on that day? In the afternoon we took a walk to "Sunny Side" and found every thing growing finely. On our way home we called on Dr. Richmond and though he was from home we had a very pleasant call. We did not get home till after dark but it was a very pleasant part of the day. Slightly rainy this morning and it remained wet through the day. In the morning the surface wind was from the northeast, but the higher clouds were from the south or southeast.

Monday, June 8

Arose quite early and tried to get my writing up to the time. The cash book is balanced and is correct to date. I paid three cents postage, and I received one dollar from Mr. Burk and Mr. Pinks for adjusting a line between their gardens. I wrote out the report of the survey of the Pent road from Hosea Benson's to H.H. Daniel's and it is now ready to be signed by the selectmen and recorded. Spent a part of the afternoon in adjusting that line for Mr. Burk. Worked in the garden in the evening. Paid Slack for vinegar & eggs 26

cents. Partially cloudy cumulus clouds with a strong wind from the West and this continued through the day. Some cooler in the evening.

Credits – 1.00

Debits – .03, .26

Tuesday, June 9

Worked in the garden till breakfast then heard a lesson in geometry. Jennie Sayward is now on the VII Prop Book X of Loomis, and will finish the work in two days more, when she will take up the definitions and review. I paid Hatch 16 cents for wire hooks and put them up and hung the hanging pots on them. Got Judge Barrett's garden hook and we worked in the garden till after it began to be dark. I find the hook to be a very excellent implement to be used in a garden. A very warm day though partially cloudy through the day. The temp. increased rapidly towards night.

Debits - .16

Wednesday, June 10

Arose in the morning very soon after four o'clock and began my work in the garden. Paid Richmond 39 cents for meat and paid Billings \$2.16 for underclothes and toweling. Mr. H.B. Thompson called here and took dinner. We worked in the garden again in the afternoon and evening but I was too tired to work or write. In the evening I prepared the daily report of the meteorology for the past week. Worked quite late but could not finish the general report of the week. Partially cloudy cumulo stratus clouds in the morning, but clearing weather through the day and clear in the evening but some cooler. Light N.W. wind.

Debits - .39, 2.16

Thursday, June 11

Finished the report this morning and it soon went to the office. Heard the recitations and then went into the garden and began to clear the flower bed and the edges of the garden. I worked through the greater part of the time till it began to rain, a few minutes before three o'clock p.m. I went to the office and worked there in the afternoon, copying the meteorology for last year. After the mail came in, I found a letter from the Clar. Mfg. Company. Much cooler this morning besides being very cloudy. The clouds increased in the afternoon and it began to rain at half past two or three.

Friday, June 12

Spent the greater part of the forenoon on recitations and house chores. Paid ten cents to stranger, and paid Billings 1 dollar for tea and sugar. In the afternoon I went to the office and worked on the copying of the meteorological work. Horace called in the forenoon but did not work for the rain. I have tried to set the clock at the office, and when I get it fully corrected I think the clock will keep the calendar correctly. I find that it is better to keep both springs wound alike though they both act on one center. Found 0.22 inches of rain in the rain gauge and it continued to rain slightly till past noon, or till past two o'clock.

Debits - .10, 1.00

Saturday, June 13

Had a part of my forenoon lessons and then went into the garden. Mrs. Parkhurst (Ruth Perkins) came here in the afternoon and I spent much of the time in doing errands. Paid 12 cents for cream tartar. The rest of the time I spent in the garden. Dense cumulo stratus clouds with strong N.W. wind. A light rain at about three o'clock p.m.

Debits - .12

Sunday, June 14

A very pleasant and beautiful morning and went to church in the forenoon and heard Mr. Hewitt speak from Matt. VIII: 22. "Follow me." A short text but it was the theme for a very good discourse. And it is a truth that Mr. Hewitt makes almost any text a theme for an interesting discourse. In the afternoon we

started to go to Horace Dunham's but a shower came up very suddenly and we stopped at Polk's and there we took dinner. After the first shower, we started again for Horace's and got there before another shower. Had a very pleasant call and just before dark Horace carried us home. These light showers tell very rapidly on the growth of vegetation. The funeral of Etta Churchill was attended this afternoon, but I have not learned any of the particulars of her death. Light frost in the morning with a clear sky and northeast wind. Soon after one o'clock afternoon, a shower came up very suddenly and there were light showers in the afternoon till night. Thunder in the afternoon.

Monday, June 15

Paid Slack 20 cents for eggs and lemon. After hearing the recitations I went into the garden and worked about the vegetables and flowers. Mrs. Fairbanks had news of the death of her daughter Abbie who went to Wisconsin last summer. In the afternoon I went into the garden again and worked there till night. Am too tired even to go to the post office. Robert called in the early evening and I was out with him in the garden when the air was damp and chilly. Partially cloudy. Cirro stratus clouds. The wind was very light through the day.

Debits - .20

Tuesday, June 16

Worked in the garden for a time in the morning, but I took cold last evening. The lessons came as usual and I did not get through with them till fully twelve o'clock. In the afternoon I worked in the garden the greater part of the time. Have been unwell through the day but have tried to work. The people are going to Burlington to attend the state convention tomorrow, Robert will probably go tonight. Mr. Shaw was here this afternoon. Did not see him. Cloudy. Stratus clouds through the day or till it began to rain at 7 p.m. Wind S.W. in the morning veering South or South East. 0.14 of the rain is set for today.

Wednesday, June 17

The morning was very muggy and warm. I went to the office but not to work. Am alone for Mrs. D. has gone to see her sister Caroline (Mrs. Dunham). I cleaned the glasses of my level and intend to have it ready for railroad work whenever such work needs to be done. I paid Paul 29 cents for fish. Received a paper from Prof. Quimby on terrestrial magnetism, and from a very hasty look, I must pronounce it a very valuable paper. It was rainy through the night. 0.29 inches of water fell. 0.15 of it is for today, and the rest to yesterday. A thunder shower from 12 to 1 p.m. At 9 p.m. 0.69 inches more of rain had fallen. 0.11 more fell making 0.95 inches for the day.

Debits - .29

Thursday, June 18

Began my writing early in the morning and took my reports to the office before Robert called. In the forenoon I paid Richmond 55 cents for meat. And in the afternoon I wrote the most of the time but it was but of small account. I paid Mrs. Knapp 80 cents for the International Review. In the evening Mrs. D. called on Mrs. Russell and became very much disgusted, but Mrs. Russell called here in the evening and seemed some disturbed that the contents of a letter from Mrs. B.S. Thompson had become public. It stopped raining about 6 o'clock a.m. when 0.02 inches had fallen and I added 0.13 of what fell in the night making 0.15.

Debits - .55

Friday, June 19

The day was cool and some uncomfortable. After hearing the lessons I went into the garden and worked there much of the time till noon when I found myself very tired and jaded. In the afternoon I went to the office and worked on copying the meteorological records, and it will take many days to copy what I wish to have in that book. I can begin with the year 1867 and can give the barometer for the past two years. After that the book will be quite full. Cloudy through the day with a strong wind a part of the day, from the north and northeast.

Saturday, June 20

In the morning I mailed a letter to Prof. Quimby to acknowledge the receipt of his book on terrestrial Magnetism. After hearing a lesson in geometry I went to the Fair ground to assist in laying out the track. There was a good collection of men at work there and it took some time to put the stakes in order. I went again in the afternoon and towards night Polk went with me and we prepared the work for running in the curve at the S. end. Judge Barrett called in the evening. Cloudy again this morning and it continued so through the day. There was a very light rain at 7 o'clock p.m.

Debits – .03

Sunday, June 21

The morning was very clear and we concluded to go to church and we heard Mr. Hewitt from Deut. VI: 7th. "And thou shalt teach then diligently to thy children." This was the text but he read some of the previous verses of the same chapter explanatory of the text. The sermon was probably the same that he preached at the convention at South Woodstock a few weeks ago. But the sermon was a very good one and was particularly addressed to sabbath schools. In the afternoon we went to the Fitch place to see Joanna and Mrs. Fitch and the rest. Abigail was at Pomfret. The day was so exceedingly beautiful that no one could be out and not enjoy it. I took a walk in the field above the barn and what a delightful prospect. We walked home in the evening. These beautiful days are too rich not to be noticed and enjoyed, and such enjoyment is extremely valuable. The air was very clear though there were some clouds. The wind was in the north and veered northwesterly in the middle of the day. Clouds cumulo stratus till night when the stratus predominated.

Monday, June 22

Simeon Dunham paid me five dollars. I paid Paul 20 cents for soap. I worked in the garden in the forenoon but the weather was soon too warm for work. It was one of the warmest of summer days. In the afternoon I went with Mr. Parker to lay out some work about F. Billings' new barns. He is fixing his work very nicely. His conveniences for stock raising, and for procuring the best stock are all that could be asked. Was very tired in the evening and retired early to rest. Partially cloudy through the day. Thunder in the north at three o'clock p.m. but no showers here. Through last night the sky and atmosphere were very clear.

Credits – 5.00

Debits – .20

Tuesday, June 23

Arose quite early and began my work in the garden. After breakfast I began to write but was called to go to Mr. Billings' barns again to finish laying out a shed that he contemplates building. Finished that in the forenoon and in the afternoon I was too dull to work, for the heat was, at times, oppressive. The Republican County Convention meets here today and I expect they have some log rolling and lobbying, but I do not attend. The meeting was a stormy one and I am glad that I did not see fit to go. The wind is now southwesterly and the stratus clouds formed early in the morning. A very high wind a part of the afternoon but our records do not show it. Trees were blown down and their tops broken.

Wednesday, June 24

Began work in the garden very early in the morning. After breakfast, I heard Jennie Sayward's finishing lesson in Geometry, and now she attends strictly to her school lessons till she graduates. Self was some unwell through the day, but Mr. Dewey brought up Mr. S.S. Thompson of Lyndon and I was with him in the evening and we worked over the estimates of railroad work to try to fix upon the cost of finishing our Railroad. Paid five cents for a lemon. The day was cooler and almost entirely clear throughout with a strong northwesterly wind.

Debits - .05

Thursday, June 25

Paid Mr. Churchill insurance tax, and paid Royce \$1.50 for gloves, and Billings for groceries 32 cents. Spencer paid me for hay sold \$3.80. I paid Abram Dunbar 75 cents for assistance in cleaning privy. Partially cloudy through the day. Stratus clouds in the morning but cirro cumulus in the middle of the day.

Credits – 3.80

Debits – 2.54, 1.50, .32, .75

Friday, June 26

Polk and I started very early in the morning for the Junction to begin a line of levels over the Woodstock R.R. It took us some time to get started for every thing seems to have been changed. The Central R.R. have laid tracks close to the road bed, and apparently taken a part of the land of the W.R.R. I paid 25 cts for horse feed and 3 cts postage. A cloudy day with a very sultry atmosphere. Light showers in the afternoon. Easterly wind in the morning, but the showers came from the northwest.

Debits – .28

Saturday, June 27

At six o'clock I started for the work on the line of the road. I called and took Seth Wood and we went to Mr. Tewksbury's and left our horse and buggy. Our work began where we left it last night, and we ran nearly to the Champion fill. The day was quite too warm for work but we kept in the field. We finished the line to the "Champion's Fill." Mrs. Chapman called in the evening and I paid her one dollar for a bottle of medicine. Clear in the morning and almost perfectly clear through the day.

Debits – 1.00

Sunday, June 28

This was the Floral Sunday for the children, and the folks decorated the church with flowers, but there is a spirit of selfishness in the world that professing religion does not drive out. Still the fault may be all our own, for we are not able at all times "To see ourselves as others see us." I do think if that could be done it would have a good effect on the world of mankind. I staid at home and tried to rest me all I could for the work of the last two days told faithfully on our muscles & limbs. The day was warm and the thermometer reached fully 90 degrees above zero. Cool in the morning but the heat increased rapidly so that the thermometer reached 90 degrees above zero.

Monday, June 29

I paid Mr. Tewksbury forty cents for horse keeping and this I must charge to the R.R. Co. with my work. Today we began our work at the Champion fill and we ran our line of levels over the Shallies hill summit and to the Morse road crossing. I have not been sensible of working out in a warm day. We came home very tired or nearly melted down. Very warm in the morning but the heat increased through the day. Thunder in the afternoon. A slight shower at about five o'clock.

Debits – .40

Tuesday, June 30

We did not go on to the road today for the morning was too warm. Mr. Elisha Hewitt came down from Pomfret and paid me three hundred dollars and I paid it to the Savings Bank on the Thompson note. Paid Richmond 29 cts for eggs & it is very fortunate for me that Mr. Hewitt could meet his promise and furnish the money for the Savings Bank. This was a good day for work if we had gone to it. Very warm in the morning but a light breeze arose from the northwest and the afternoon was some cooler.

Credits – 300.00

Debits – 300.00, .29

Wednesday, July 1

We went again to work on the line of the railroad. Began at the Morse road crossing and crossed the river and ran as far as Mr. Church's. The day was warm but not like last Monday. I get to be very much too tired and jaded for comfort, but I shall leave nothing undone that will tend to give us or insure to us the road. This morning I fitted out the monthly report of meteorology and took it to the Standard office. Frank Hatch went with me to the R.R. work. Borrowed five dollars of Abbie. Paid Mrs. Churchill yesterday 9 dollars. Clear in the morning but the afternoon and evening were some cloudy.

Credits – 5.00

Debits – 9.00

Thursday, July 2

We did not go to work on the road today, but tried to work on the field notes. I found myself fully jaded out and could not work easily at all. But the work must be done and I tried to keep it going. The day was quite comfortable and rainy in the afternoon, and there was a hard shower in the evening. Thursday is always a very busy day for me for the meteorology for the week comes this morning. Paid postage 4 cents. Pure cirro cumulus clouds in the morning but they changed to cumulo stratus in the forenoon. Thunder at 11 o'clock a.m. when it began to rain. It stopped raining late in the evening 10 p.m.

Debits - .04

Friday, July 3

Paid postage 4 cents on Floral Guide and I received of Polk 10 dollars and I paid Billings for flour and wheat meal \$4.27. I received of Lorenzo Richmond \$7.50 and paid it to Polk, and I paid Chapman 20 cents for pills. In the forenoon I worked at the house on the estimates but was too dull to do much, but in the afternoon I went to the office. Mrs. Bridge called here in the forenoon and Mrs. D. was called to go to Simeon Dunham's to visit with their friends Mr. & Mrs. French, Mrs. Houghton, etc. The wind was easterly in the morning but got westerly very early.

Credits – 10.00, 7.50

Debits - .04, 4.27, 7.50, .20

Saturday, July 4

This morning I paid Polk \$2.50 which was the balance of what I borrowed yesterday. I went to the office in the forenoon but at noon I went back to the house. Horace Dunham called and Mrs. D. went there for the afternoon. I staid at the house and worked on the levels of the road. Amelia went to the gulf with a small party of young folks. This has been a very noisy day for the boys must have their holiday. Their celebration is coarse and noisy, but it is nearly past now. Foggy early in the morning and partially cloudy in the forenoon. The clouds increased in density and it began to rain at 4 o'clock p.m.

Debits – 2.50

Sunday, July 5

The morning is dull and cloudy and I am too tired to go to church but I must go. In the forenoon I went to church and heard Mr. Hewitt preach from John I: 29. "Behold the Lamb of God which taketh away the sin of the world." He gave us a very good and very eloquent discourse. At the close of the service there was a communion service and after that a meeting of the Bible class and the Sabbath school that made the forenoon exercise quite lengthy. Tried to rest a while in the afternoon. Called at Simeon Dunham's to see Mrs. French and her husband. I had not seen her since she was eight or ten years old, but I could see the same look that she wore in childhood. We then called on Abbie and afterwards came home, glad that we made the call. Dense stratus clouds in the morning with an easterly or northeasterly wind. A very slight fall of rain in the afternoon.

Monday, July 6

Received a telegram from Mr. S.S. Thompson to meet him at the Junction at one o'clock, but it was too late for me to do it and Mr. Clarke rode to Mr. Dewey's and Mr. D. went for him and sent him up in the

stage. We immediately went to work on the levels the profile and the estimates. I went to the office in the evening and we worked there till late, and then left to meet again in the morning. Paid Paul for hoe 62. Surface wind N.E. Foggy in the morning but stratus clouds when the fog had disappeared.

Debits - .62

Tuesday, July 7

I went early to the office and we began our work on the estimates. We finished them about ten o'clock and the directors came in and they looked over the estimates and concluded to have a meeting again in the afternoon and to call a meeting of the stakeholders as soon as possible. This looks business like and I do hope something may come of it. I shall now finish the profile at the earliest possible time, through the whole line. Let Mrs. D. have 2 dollars. A very warm day, but cloudy. A thunder storm in the evening. Very heavy thunder.

Debits - 2.00

Wednesday, July 8

Paid five cents box cover for Amelia. Went to work on the line of the railroad Frank Hatch, Edson Munger, Wm. Campbell and Charlie Williams assisting. We began a line of levels at the depot grounds and ran down the line to the Knowlton place. I rode up on Mr. Woodward's team. Amelia left for home this morning having lived with us the greater part of the time for three years. Sent to the Life Insurance office 1.10. Postage 5 cents. Lightning in the South at 11 o'clock in the evening.

Debits - .05, 1.10, .05

Thursday, July 9

Paid 10 cts for soda. Did not feel able to go down the line today and I remained at home and worked on the estimates and did chores about the house. Light cir. cu clouds in the morning, but clear in the middle of the day.

Debits - .10

Friday, July 10

I paid five cents postage and I also paid Billings 42 cents for groceries. I worked at hoeing in the morning, and in the afternoon I went to the office and worked on the profiles and grades, and find that the whole line must be remodeled. The benches on the eastern division are very much out of order there being discrepancies of more than a foot in some of them. Partially cloudy in the morning, but clouds increased till it began to rain soon after noon. The rain continued through the afternoon and evening. Lightning seen at 10 o'clock in the evening.

Debits - .05, .42

Saturday, July 11

We again started for the line of levels that we left at the Knowlton place. The threatening showers kept us in a fever of excitement through the day, but there was no rain to prevent our work. We were carried down by Mr. French who will come after us at night. We finished the work much earlier than we expected and Hatch sent a dispatch for the team. Three of us walked to Taftsville and three remained at Church's. Got second proof of N.H. Calendar. Got very wet by means of the wet grass. Foggy and some cloudy in the morning. Found 0.83 inches of rain. Dense stratus clouds through the day.

Sunday, July 12

This is one of the best of rainy days for it seems as such days did fifty years ago when the boys would get together for a play-day. It is a very good day for rest and I improve it in every way possible by reading and sleeping. It is truly one of the pleasantest days that I have known for a long time. I could not confine myself to any particular kind of reading. Rainy through the day with easterly wind. Lightning seen at one o'clock in the morning. Found 0.40 inches of rain at 4 p.m.

Monday, July 13

I began the work on the levels this morning and find much difficulty in fitting a grade to those on the eastern division, but on the western division there is no difficulty. The levels were very correctly taken on that division. Paid two cents postage. Some misty through the day and hard showers in the evening.

Debits - .02

Tuesday, July 14

The air seems much more pleasant and pure. Early in the morning I wrote a letter to S.S. Thompson on the subject of the bridge timbers. After breakfast I went to work on the survey for Mr. Cone and I continued it nearly through the day. I went home in the evening quite tired and after writing out the meteorology for the day, left the work and retired to rest. The evening was quite warm and clear except a little smoke in the atmosphere. Mr. Cushing paid me 1 dollar. Found 0.40 inches of rain in the gauge this morning. Bright aurora from 1-3 in the morning and again at 10 and 11 in the evening.

Credits – 1.00

Wednesday, July 15

I paid Richmond 19 cents for ham, and Paul 30 cents for soap & yeast. Jennie Sayward paid me five dollars for tuition in her Geometry. She made extremely good improvement in that branch and in her Algebra. I spent much of the day in writing out and drawing a plan of the land that John Cone bought of Howes and Sherwin, which is deeded by Henry Cushing. I appended a plan and a list of conveyances to the deed, and I wish it to be done always. Partially cloudy cirro stratus clouds in the morning. S.W. wind. The wind veered to the west in the forenoon. Strong signs of showers. Lightning seen in the north at 10 in the evening and this continued till midnight.

Credits – 5.00

Debits - .19, .30

Thursday, July 16

A very warm morning and the night was too warm to allow us to rest comfortably. I arose early and wrote out the meteorology for the past week and after finishing it I carried it to the office and left it with the printer. I am very anxious to write out an article on the Comet and of comets in general, but I have but little time for such work. Paid 30 cents for kerosene. I spent about two thirds of a day in writing out leases for Mr. Billings. Stratus clouds, and above these are very dense and pure cumulus. A light shower at half past four in the morning. 0.01. Lightning continued through the morning till 3 o'clock.

Debits – .30

Friday, July 17

Arose quite early and went to mowing and cut about half the grass I had to cut north of the garden. I paid Hatch 12 cents for a whetstone and paid Richmond 45 cents for meat. We went to Abbie's to dinner and came home about two o'clock. I then went to the haying and found it fully made and dry enough to get into the barn. I brought it up the bank and it lies at the end of the garden. Found the report of the weather for June at the office this morning. Those reports are very valuable. Nearly clear in the morning. Only a few cirro cumulus clouds. The day was very fair, and the air clear with a north or northerly wind.

Debits - .12, .45

Saturday, July 18

At five o'clock I began to mow and cut what grass I had to cut before breakfast. In the afternoon I spent some time in finding where to send to find Mr. S.S. Thompson, and succeeded in finding him at St. Leon watering place in Canada near Three Rivers. And soon received a telegram from him. Brought a part of the hay into the barn, and put the rest in cocks. I paid 15 cents for stamps and a lemon. Sent three dollars to the Univ. Pub House for the present Vol. of the Quarterly. Clear in the morning but cirro stratus soon began to form.

Debits - .15, 3.00

Sunday, July 19

A very pleasant morning, and it is a pleasant one for going to church; but as Mrs. D. is not able to go we must remain at home or I must go alone; which I concluded to do. I heard Mr. Thornton from John XVIII: 37th. "For this cause came I into the world, that I should bear witness unto the truth." This called for the great truths of Christianity, and the speaker showed how those truths had been adulterated by the errors and traditions of mankind. For a scripture lesson he read the 6th chapter of Matthew, a part of Christ's sermon on the mount. Of course, with such a text the speaker would be a little doctrinal but it could hardly be avoided. The day was very warm, but the exercises were very pleasant, and the singing excellent. In the afternoon we tried to rest and succeeded quite well. A very warm day, though not clear. Very light cirrus clouds formed in the forenoon and they increased and changed to cirro stratus and then to stratus.

Monday, July 20

Strong signs of rain and I tried to get in some of the hay, but to bring it from the river on my back was too laborious before breakfast and I only brought one third of it. I then went to work on the levels and profile of the western division of the road and continued on it through the day. Paid 3 cents postage and 9 cents for rubber pencil tips. Mr. Clarke will find Mr. Thompson tomorrow and I hope will bring him here. Thunder and rain at 7 o'clock a.m. and there were occasional showers during the day from the southwest. The thunder continued at times till ten o'clock p.m. It began to lighten at 1 o'clock morning. Rain 0.42.

Debits - .03, .09

Tuesday, July 21

Mr. Clarke went to the Junction and met Mr. Thompson who was immediately called to Boston, so he did not come to Woodstock as we were expecting. Mr. Clarke also met Mr. Balch and Mr. Tilden and soon other R.R. men, and we are quite sure that our road will come, but how soon we cannot tell. We cannot drive these very important subjects. "Great wheels will move slow." Partially cloudy with cirrus and cirro cumulus clouds. Clear in the middle of the day and slightly cloudy in the evening.

Wednesday, July 22

Borrowed one dollar of Robert and I returned it to him in the evening. I went to the Junction with Mr. Clarke and we met Mr. Balch, Mr. Shaw, Mr. Robbins and some other R.R. men but we concluded not to look over the line now, but to await the completion of other lines and companies. There is much of earnestness and activity among rail-road men and I am quite sure that our road will get its share. I called at Mr. Dewey's and saw him some minutes, and then rode home with Mr. McKenzie. The cumulo stratus clouds were very beautiful. Pure cumulus with stratus clouds above them.

Credits - 1.00

Debits - 1.00

Thursday, July 23

Paid three cents postage. I have not confined myself to any particular business. In the morning I wrote out the meteorological report for the past week and took it to the office. Found a letter from Albert Darling, and I ought to reply to it directly. Carlie Dunham called here in the afternoon, and her mother is at Dr. Russ' for a few days. Clear with easterly wind in the morning but the upper currents of the air are from the S.W. and quite steady.

Debits - .03

Friday, July 24

Arose with a very severe headache this morning and it staid by me till afternoon. Have done but very little hard work today either mental or physical. Have taken off some bills today that I must try to collect soon. Very light cirrus and cirro stratus clouds.

Saturday, July 25

Jasper Hazen paid me \$2.50 for surveying two years ago, and I paid Mrs. Ware 1 dollar and Paul for groceries 1 dollar, and Chapman five cents for berry basket. I have been quite lazy and unwell through the day but am some better this evening. I cannot say that I have done much hard writing or hard work. Railroad meeting this afternoon and many of the members of the company are much discouraged at the present prospect, but I am not. Clear in the morning and nearly clear through the day with S.E. wind.

Credits – 2.50

Debits – 1.00, 1.00, .05

Sunday, July 26

The morning seemed quite pleasant and Mrs. D. resolved on going to church once more, and we again walked to the chapel, and we heard Mr. Hewitt preach one of his best sermons. It was from John III: 14&15. "And as Moses lifted up the serpent in the wilderness, even so must the Son of man be lifted up; that whosoever believeth in him should not perish, but have eternal life." Fred Doten was at church and Mrs. D. rode with him to the Fitch place. I carried a letter to Mr. McKenzie to carry to the president of the R.R., Mr. Dewey. I then went to the Fitch place and staid there till night. Miss Gardner is quite unwell and they are some afraid of Typhoid Fever. We walked home about night and found all right at our house. The wind has been south or southeast, but the higher clouds have been moving from the southwest.

Monday, July 27

I spent the day in small jobs of writing and of work, and have been trying to spur up the railroad interest and arouse it to action. Had a long talk with Mr. Charles Dana on the matters of the road and of Mr. Billings' position, but I do not censure Mr. B. at all for his health is so truly discouraging. I have just paid 12 cents for stamps and have received 10 cents from Polk. It began to rain very slightly at 6 o'clock in the morning. Stratus or nimbus clouds from the S.W. but the surface wind is from the S.E. Light rain late in the evening.

Credits - .10

Debits - .12

Tuesday, July 28

Arose quite early and went into the garden, but was not very well. I paid five cents for silk and 15 for vinegar and I paid 20 cents for meat. In the afternoon I assisted Polk in making papers and deeds for Henry Vaughan and they paid me two dollars. I am now very busy in making out grades for the railroad and I want those grades to fit the surface of the road-bed as near as possible. Have now gone about half way through the western division. Stratus clouds in the forenoon and a shower between 12 and 1 o'clock p.m. and thunder from three to four o'clock p.m.

Credits – 2.00

Debits – .20, .20

Wednesday, July 29

It is too rainy for work in the garden and I early went to the office to work on the profiles of the railroad. Was called away to visit with Mrs. Prudence Thompson from Troy, N.Y. Her husband Benjamin Thompson died some ten years ago, and she continued in the same business as fruit dealer. I suppose they are doing very well, that is, she and her children. She took her mother's picture with her for it was painted by her uncle Thomas Ware, about fifty years ago. Rainy through the latter part of the night and this morning. It began about two o'clock a.m.

Thursday, July 30

Mrs. Thompson staid here through the night and left in the Ludlow stage at six o'clock this morning. She has lived in Troy for a long time, but thinks now of going west. Today I had a very long talk with H.S. Dana on the subject of pictures of the old Marsh office. They have taken some very nice pictures of that office and of the trees and buildings around. One of the pictures taken for R.A. Perkins is one of the finest

I ever saw. But the old sign must be placed right and taken again. A bright lunar corona at three o'clock in the morning. A remarkably clear day.

Friday, July 31

I saw my friend Edwin Pierce who is now teaching in Cleveland, Ohio. He is a very amiable man and an excellent teacher. John Cone paid me ten dollars for the surveying and deed. I paid Billings 78 cents as the balance of our accounts, and I paid Polk one dollar for taking acknowledgment of deeds. Spencer and Matilda called here in the afternoon and staid till nearly night. We thought of taking supper with Mrs. Russell, but we put it off till another time. There were some showers towards night. Paid Mrs. Page as change 30 cents. Partially cloud stratus clouds in the morning with S. wind. A light shower at three p.m. and a Thunder shower from 6 to 7 p.m.

Credits – 10.00

Debits - .78, 1.00, .30

Saturday, August 1

Began to work very early on the meteorological report, and finished it in time for the mail. I have tried to send them out by the first mails after they can be finished. I paid Paul for two lamp chimneys 24 cents, and Billings 82 cts for sugar, lamp top and cr. tartar and I paid Eddie Leonard \$1.00 for berries. Received of Frederick Billings \$14.50, which was the balance of my account against him. Mrs. Dunham was here in the afternoon. It began to rain at 4 o'clock in the morning and was showery through the forenoon. Aurora at 2 o'clock a.m. streamers.

Credits – 14.50

Debits - .24, .82, 1.00

Sunday, August 2

Some cooler and a good time to go to church and we went to hear Mr. Parker of Bethel who exchanges with Mr. Hewitt. He preached from Rev. III: 20th. "Behold, I stand at the door and knock; if any man hear my voice, and open the door, I will come in to him and will sup with him and he with me." There were some very good points in Mr. Parker's sermon. There were light showers quite frequently through the day, but the last night was mostly clear and cool.

Monday, August 3

Paid Paul 20 cents for soap and 18 cents for eggs. Paid Murdock for lamp chimneys 20 cts, and 3 cts postage. Saw Mr. Smith with Polk and he looks very well indeed. His two little boys are with him. Saw H.S. Dana and we arranged about having the old Marsh sign whitewashed and taken again by Cushing. Wrote for a time to adjust my note and memorandum books, but was too dull and jaded to write or work much. Paid 2 cents for meat for the kittens. A heavy bill for a heavy purpose! Chapman began to recite in algebra. Cooler and partially cloudy in the morning with N.W. wind.

Debits – .38, .23, .02

Tuesday, August 4

Heard Chapman's lesson at 8 o'clock a.m. and at 9 Mrs. D. started for Horace Dunham's. I went to the office and worked on meteorological work and must copy all my notes into one book for future reference. I have now copied a great part of 1873 and much of 1874, and I have begun 1868 and the years since, and when completed the book must be very valuable for it will contain nearly all the meteorological phenomena from the beginning of the year 1868. Cooler still and partially cloudy. Wind north. Nearly clear through the latter part of the night and this morning.

Wednesday, August 5

I got word this morning that Mr. Thompson would be here this week to arrange work on the Railroad and I must go to West Windsor for my leveling rod. I got a team of Mr. French and we went carefully of course for our horse was lame. Started from home at 12 and got to Winn's at 20 minutes past three o'clock, and we started for home at 6 and reached home at 9 o'clock and 40 minutes. We did not find Mr. Winn but

had a very pleasant visit and a very pleasant ride home though it was dark before we reached home, and we were compelled to drive very slow. Clear in the morning but cumulo stratus clouds in the middle of the day and showers in the afternoon at a distance in the southeast, southwest and west. Clear in the evening.

Thursday, August 6

I paid Richmond 45 cents for meat and paid Mr. French three dollars for horse hire. Miss E. Latimer called on us this forenoon. In the afternoon she and Mrs. D. went to visit Dr. Russ and family. They had a very good visit and returned about six o'clock. I paid Fay for use of horse 75 cents. Found no letters from Mr. Thompson and so I shall expect him tomorrow, and then I hope the railroad will take a start. Am very tired tonight and must finish my writing and chores and retire to rest. Clear again in the morning but cumulo stratus clouds soon formed. There was a light shower soon after noon and a thunder shower a little before three.

Debits – .45, 3.00, .75

Friday, August 7

After hearing Chapman's lesson, I took a walk by the river but the bushes had become some wet. Miss Latimer called and wished to go to H. Dunham's and I got a horse & buggy and carried her out there. In the afternoon I worked about home and at the office. Polk is now at Pomfret and I think will stay till next week with his friend Mr. Smith. Mr. S.S. Thompson came this afternoon and I hope will stay till after the railroad meeting tomorrow. I feel quite sure that the road will be built. Very light showers from 9 to 11 o'clock a.m. A thunder storm about 4 p.m. and the thunder continued till night. A very heavy shower north of us.

Saturday, August 8

In the morning I arose quite early to prepare for going to Pomfret and to Barnard but was hindered by the railroad work and by the shower from starting and we did not go till afternoon. I paid Paul 30 cents for matches. We had a very pleasant call at Mr. Chamberlin's and a very pleasant ride home. I found the folks all engaged in the railroad business and the caucus. The directors continued their session and closed their trade with Mr. Thompson, and he is now to build the road. Dense stratus clouds in the morning. Wind S.W. A shower from 9 to 10 o'clock a.m.

Debits – .30

Sunday, August 9

A cloudy autumn morning and quite warm. We felt too tired to go to church but concluded that I must go. Allen Thompson called and I did not get ready to go very early. But I went and heard Mr. Hewitt preach from John IX: 4th. "I must work the works of him that sent me, while it is day." He first spoke of the work and its importance and the work for us to do, which was to strive to elevate mankind intellectually, morally and spiritually to try to turn them from sin to holiness. I was too dull to take as much notice as I ought to do. A very good sermon and there were many to hear it. Some came from other churches. The air was very bad in the house and it was very difficult to give attention to the sermon. Stratus clouds in the morning but they soon changed to cumulo stratus and there at times strong signs of showers.

Monday, August 10

Heard Chapman's lesson and then went to the office to look up R.R. papers. I paid Mr. Woodbury 40 cents for fixing springs to target of leveling rod and paid 3 cts postage. In the afternoon I went to the Thompson Mill to measure a piece of wall. I then went to the fair ground to run the curves at ends of the track ground. But all our stakes were pulled up so we must run the whole again tomorrow. In the evening I assisted Mrs. D. in potting slips, etc. I do not hear from Mr. Thompson and do not know when he is to go to the hill to work. Clear in the morning with surface wind N.E. Cumulus clouds soon formed and came from the west.

Debits - .40, .03

Tuesday, August 11

In the morning I heard Chapman's lessons and then I went to the office and from there to the fair ground to lay off the track, but found our stakes all removed. The trotting folks are a little too free with them. Polk, Eddie Munger and myself worked there the greater part of the day. I have paid Chapman three dollars for bond purposes but I did not know how to space it. We find the track and the lines very much torn up and we tried to lay it out again, and we must be there again tomorrow. Clear in the morning but cumulo clouds formed in the forenoon with stratus.

Debits – 3.00

Wednesday, August 12

Worked again on the Fair ground and finished it in the afternoon. Polk, Eddie Munger and John Stearns assisted me. Paid Paul 29 cents for groceries and I paid Billings 62 cents for tea. In the afternoon I tried to finish the track, that is, the survey of it. After getting through it I went home quite unwell and exhausted through the intense heat, and as soon as the chores were done and the instruments were read, I retired to rest. A very warm day with strong signs of showers. Early in the evening lightning could be seen but the showers did not come till past eleven in the evening.

Debits - .29, .62

Thursday, August 13

I could not rise very early in the morning I was too tired, but after hearing Chapman's lesson I went to the office, but I could not work. I had been extremely busy on railroad matters and had felt quite unwell. It began to rain at a quarter past eleven last night and it continued to be showery through the night and forenoon. Rain 0.25.

Friday, August 14

I heard Chapman's lesson in the morning and then went to the office. Pd. three cents postage and went to the office and had a long talk with Mr. Dewey on Railroad matters. In the afternoon I worked on the specifications for the contract with Mr. Thompson. Mrs. Dunham and Carlie called here in the evening. The specifications are somewhat difficult to make out for they include almost every part of the work to be done on the line. It was slightly rainy in the morning but it was cloudy with little rain through the day. Some very light rain in the evening. Rain 0.19.

Debits - .03

Saturday, August 15

After doing the chores and hearing Chapman's lesson, I went to the office and continued my writing on the Railroad contract. Had a long talk with Mr. Dewey on railroad matters and I am fully sure that he will manage the matter with caution and care. Paid 50 cents for sugar at Billings'. The mass convention met here today and it was truly a mass. They did not make so many changes as we thought they would and, indeed, we hoped they would make more. Slightly rainy in the morning but it cleared away by eight o'clock.

Debits – .50

Sunday, August 16

How fine a morning, a truly good one to go to church. We walked and the morning was very beautiful. Mr. Hewitt preached from Phil II: 15th. "That ye may be blameless and harmless, etc." The morning was very beautiful and the speaker seemed to feel the inspiration, and he poured out to us some good and noble thoughts and encouragement to well doing & well being. The general character and object of the letter of the sermon was good and it was excellent in spirit. If all would live the true and noble lives that are so earnestly set forth and described by our speaker, this would be a noble and good world. Clear in the morning but a few cirrus clouds in the middle of the day and clear in the evening. Wind north or northwest. A very fine autumn day.

Monday, August 17

I this morning began on the work afresh for I called on Simeon Dunham and he has been with me in the office. I worked on the agreement with Mr. Thompson, and Simeon worked on the grades and profiles I mailed a letter to Amelia and a postal card to Peter Prou of the Crawford House near the White Mountains. Clear in the morning with surface wind N.E.

Tuesday, August 18

After hearing Chapman's lesson, I finished the writing on the railroad agreement, and in the afternoon Simeon and I went to the work on Shallies Hill and we began at Champion's cattle pass and ran the line to the cut and then corrected the long tangent set it in readiness for work tomorrow. Paid 36 cents for groceries at Paul's. In the morning the wind was in the east but it changed to north or northwest.

Debits – .36

Wednesday, August 19

We went to Shallies Hill again and ran the line through the cut and far down the descent towards the gulf. I found some difficulty in following the first part of the line and was compelled to make some changes to fit the embankments and all such I made. Mrs. Bates and her sister Miss Latimer came here from West Fairlee. Mrs. Doton will start for West Salisbury. Some time ago I placed ten dollars in her possession to go with. Partially cloudy with N.W. wind and this was quite strong in the middle of the day.

Debits – 10.00

Thursday, August 20

We intended to start from home early this morning but rain and errands prevented. Mrs. D., Joanna and Miss Latimer started for Salisbury this morning and I started for the Shallies Hill a little earlier so the stage did not overtake us. We spent much of the day in running levels over the hill and the line that we ran yesterday, and are fixing benches on the line to work from. It was quite late when we got back to Woodstock. Rainy in the morning and again in the evening. It began at 1 o'clock a.m.

Friday, August 21

We started quite early in the morning for the work at Shallies Hill and went to the Tracy hill culvert and tried to study it out and get the best way to dispose of that bad place, but the only way we could think of was to change the line so as to cross the stream a little higher up. Mr. Thompson came along and we came to the hill to look over the line as I ran it a few days ago, as he had not seen it. It needs but little more changing. Stratus clouds in the morning with N.W. wind, but the wind soon changed to N.E. The clouds increased in density till it began to rain at 6 p.m.

Saturday, August 22

Did not go to the line today but concluded to work out the levels and the grades as we worked the lines and levels during the week. I received a letter and a postal card from Mrs. D. and I am glad they are going to the mountain that is to Kearsarge. It must be very pleasant for them if they do not get too tired. I am some tired, but on the whole am getting along very well. Slightly cloudy through the day with North wind. The air is clear and cool. It ceased raining at 3 a.m.

Sunday, August 23

Am feeling some better this morning and before breakfast I looked over the level and tried to fix it in adjustment. I went to church and heard Mr. Hewitt speak from Rom. II: 8th, 9th, 10th & 11th: "But unto them that are contentious, and do not obey the truth, etc. But glory, honor and peace to every man that worketh good, etc. For there is no respect of persons with God." From this text we had one of his best, very best sermons. The singing too was excellent. Mr. Hewitt's two daughters were in the choir and the older one sang a duet with Emma Dunham the whole of it was most admirably performed. I think I have not heard any thing better for a long time. Mrs. Bates came in the morning from Dr. Russ' and went to church to hear Mr. Kidder. Light cirrus or cirro stratus clouds in the morning with North or Northeast wind. Slight frost, but enough to kill the leaves on vines. Nights and mornings quite cool.

Monday, August 24

Went down the line and set some grades on Shallies Hill and in the afternoon we went to the easterly side of the hill to run the line at the Tracy crossing. Spent the day on the line and came home in the evening. Mrs. D. came home from Salisbury and had had a very pleasant visit. She spent the greater part of the time with her sister Abbie and Amelia. She visited the Kearsarge mountain and that must have been very rich and pleasant. Light frost again this morning.

Tuesday, August 25

We kept the work going on the line of the road, and do not get home till quite late in the evening. Dr. Russ called with Mrs. Bates. She is not very well and remains here with us. She is a very pleasant woman and, I hope, is having a pleasant visit. A light frost.

Wednesday, August 26

Concluded not to go down the line today, but we staid in the office and worked out grades and plans for the line at the hill and at the curve at the east side of the Tracy hill. I find there is some work in keeping the grades and the estimates up to the work, and certainly shall find it so after there is a full force of men at work. Cool in the morning with easterly wind. Cloudy in the forenoon but it began to clear away in the afternoon.

Thursday, August 27

I was compelled to spend a few hours this forenoon in fitting out the meteorological report for the week. I did not carry it to the office till about noon. In the afternoon we remained in the office till night preparing the books and field notes for the work tomorrow. Dr. Russ called for Mrs. Bates this morning to carry her to Windsor, and Miss Latimer went to see her sister Mrs. Russ. Cloudy in the morning with easterly wind.

Friday, August 28

Jason Dunham went down the line with us this morning and was of some help to us on the line east of the hill. Set some grades in the forenoon in the pit at the Shallies Hill cut. We ran the line through the deep ravines and had very good luck in getting the curves in, having to make but few changes. This afternoon, Miss Latimer and Mrs. D. went to Horace Dunham's and they came back at night. It was very late when we came from our work, and we were very much jaded out. Partially cloudy in the forenoon but the clouds increased in the afternoon and evening. The wind remains easterly.

Saturday, August 29

We started quite early for our work on the line of the railroad. We went to the work on the easterly side of the hill and set up references and continued the line to the Champion pasture. The first 800 feet of the long curve went very well, but the latter part of it is very difficult to fit to the embankment. The afternoon was very warm and we were quite unwell and jaded from our work yesterday. We however got home a little earlier. Cool and partially cloudy in the morning, but very warm in the middle of the day.

Sunday, August 30

Am very lazy this morning but must go to church and hear Mr. Hewitt once more during the warm days of summer. He preached from Psalms LXVI: 7th: "He ruleth by his power forever; his eyes behold the nations; let not the rebellions exhalt themselves." I have worked too busily and with too much earnestness to allow me to go to church and enjoy the services. Here we had a very excellent sermon and I comprehended it as it was delivered. But it is not easy for me to give a synopsis of it here. Partially cloudy cirro stratus clouds in the morning. A Thunder shower from 12 a.m. to two o'clock p.m., that is, from noon to two o'clock afternoon. Distant showers in the afternoon. A very severe hail storm at North Bridgewater.

Monday, August 31

We went to the hill this morning and spent the day in making some changes in the line as it approaches the hill, putting it on the upper edge of the present embankment so as to make the fill less. We set some grade stakes in the cut before the workmen, so as to keep them safely at work. But to keep a gang of hands at work correctly is no easy matter, for they often do not know or care how work is done, their only care being to have their pay for it. Partially cloudy through the day but clear in the evening. Wind northwest tending westerly.

Tuesday, September 1

Freeman's Meeting, or Vermont State election, but it seemed impossible to raise any enthusiasm about it. Miss Latimer started for home and goes by way of Montreal. Very clear early in the morning and a most beautiful day.

Wednesday, September 2

We went to the Tracy hill culvert and ran in the curve that I have had in mind so long. The day was some warm but I had very good success in fitting the curves into the plans. I set grades for the men at Shallies Hill and gave directions about filling the cut at the southerly side of the hill. Came home rather late and had a call from Albert Darling and his sister Ella, but they left before nine o'clock. There was some fog early in the morning but the forenoon was quite clear. Light stratus clouds in the middle of the day, but clear in the evening.

Thursday, September 3

We started for the line as early as convenient and took our folks with us to get some berries and to see the gulf at Dewey's Mills. Light stratus clouds in the morning & they increased in density till it began to rain at 5 o'clock p.m. and rained till about ten in the evening. 0.13 inches fell.

Friday, September 4

We did not go down the line till afternoon. Albert Darling took dinner with us, and then rode with us to Taftsville to see Homer. We met Mr. Thompson at the Hill and then laid out some ditches to be excavated on Shallies' land. We worked on the hill till night and did not get home till late in the evening. Clear in the morning with easterly wind.

Saturday, September 5

In the forenoon I worked in the garden till eleven o'clock when I went to the cemetery and met Mr. Billings, and I assisted him in arranging for a lot he thinks of buying from Mr. Miller. In the afternoon we went to Pomfret to get some berries from our home farm. Polk and Abbie went with us and we had most remarkable luck in getting them. Partially cloudy in the morning and dense clouds in the afternoon. Clear in the evening.

Sunday, September 6

Although it was Sunday and a pleasant day to go to church we did not go and we hardly move out of the house, but gave ourselves up to resting. A cloudy morning but the clouds broke away in the afternoon, and the evening was very nearly clear. Wind southwest. It was cool in the evening.

Monday, September 7

We went down the line in the morning and went to the cut on Judd's land and laid out some work for McCarthy who will begin his work soon. Some material has come in from the slopes and it is some work to clear the road bed. McCarthy takes all there is between the Champion road and the Tracy hill road. Very light rain at 10 p.m.

Tuesday, September 8

We did not start very early in the morning, but we went to the work on White River road and laid out some work near the road crossing. It seems quite natural to be coming home from our work at seven, eight or nine o'clock in the evening. I received from the bank \$75.87 and paid for flour 10.00, tea .63 cents at Billings, and paid six dollars at Chapman's for truss. Light rain at 5 a.m.

Credits – 75.87

Debits – 10.63, 6.00

Wednesday, September 9

I paid Savings Bank forty three dollars and ninety three cents as interest on the Thompson note, and Mr. Chapman paid me \$2.50 as tuition for Charlie. And I paid for groceries eleven cents and Paul \$1.57 for groceries bought a few days ago. Clear through the day excepting a few stratus clouds in the afternoon. Wind northwest veering west.

Credits – 2.50
Debits – 43.93, .11, 1.57

Thursday, September 10

Paid Billings 62 cents for tea. Almost every day now calls us to work on the road, and I find but little time for reading or for office work. Aurora from midnight to one o'clock a.m.

Debits - .62

Friday, September 11

Mr. L.A. Miller paid me one dollar for deed with Mr. Billings, of a piece of land west of the Cemetery, and I paid four cents postage. Lightning in the S.W. at 9 o'clock p.m.

Credits – 1.00
Debits - .04

Saturday, September 12

We went to the lower end of the work today and laid out some work by changing the line in the cut below the Braley culvert. The day was very warm but we succeeded in laying out the work though not entirely to my satisfaction. The curves are too much like those used for the side tracks. But I went to Mr. McCarty's work and then up the station road to Quechee, and we came home some earlier than usual. Paid Paul 84 cts. Light shower at 4 a.m. Partially cloudy in the forenoon, then saw very beautiful cirro stratus clouds in the southeast. Surface wind S.E. Clouds from the N.W. Aurora in the evening.

Debits - .84

Sunday, September 13

Did not arise very early in the morning but we concluded to go to church to hear Mr. Hewitt. He spoke from 1st John IV: 14th.

Monday, September 14

The funeral of Mrs. R.H. Bailey takes place this afternoon and Simeon Dunham is to remain at home. Mr. Clarke and I went down the line and out to the work at White River. We did not find Mr. Thompson, for he was away to the White Mountains. We got home a little before dark. Had a very beautiful view of the conjunction of the Moon & Venus. The evening was cool though the day was quite warm.

Tuesday, September 15

Paid ten cents for postal cards, Simeon and I went down the line to White River village, and we changed the line making some improvement in the durability of the road; and I believe that in the present state of the work some light changes might be made that would be beneficial to all parties.

Debits - .10

Wednesday, September 16

Horace Dunham went with us down the line. We first went to the Shallies Hill cut and laid out some work there, and then we put our horse up at McCarty's and went to the great cut between the two ravines. Here we cross-sectioned all there was in that cut. It began to rain before we began the work but we worked in the rain till it was done. Leland Doten began to dig my potatoes in the garden. Stratus clouds in the morning and they increased in density till noon when it began to rain. 0.91 inches fell before six o'clock. This was a local rain and extended over only a small portion of the county.

Thursday, September 17

The rain prevented our going down the line, and we worked in the office. I spent some of the forenoon in writing out the meteorology for the past week, Mrs. D. went again to take care of Polk while Abbie is at school, and I went there to dinner. In the afternoon I worked in the office preparing books and notes for the railroad surveys. Paid Leland Doten for work in the garden one dollar and one dollar towards the

wood sawing. The rain continued slightly through the night, and there has been some rain through the day.

Debits – 1.00, 1.00

Friday, September 18

A rainy day and we did not go down the line, but worked in the office through the day. In the morning I called on Polk and found him some better, and did not call on him again for my time was all taken up. I read the proof of the meteorological article for the "Post." In the evening I received a dispatch to meet Mr. Thompson at the Shallies Hill tomorrow morning at nine o'clock, and we must attend to it. I called on Mr. Clarke in the evening. Paid Billings \$1.00 for eight pounds of sugar. The rain continued and it rained nearly through the day though quite steadily.

Debits – 1.00

Saturday, September 19

We went to the Shallies Hill in the forenoon and met Mr. Thompson as he stated. He had written out the agreement between him and the railroad company, and I took it to examine and brought it home and Mr. Clarke took it in the evening.

Sunday, September 20

We went to church to hear Elder Hazen, for we had not heard him for a very long time. He spoke from Acts III: 19, 20, 21. "Repent ye, therefore, and be converted, that your sins may be blotted out, etc." To hear him preach and to notice his manner and the doctrines preached really seemed like being placed back thirty or forty years. He clings to the old notion of the resurrection of the body, a notion that seems to have been left behind in the later views drawn from scripture teachings. I admired his reading for it was very critical and correct. Some of our friends had decorated the pulpit with flowers and I was glad to see that respect shown him, for his age and life seem to entitle him to full respect; and I am glad our folks so regarded it. No rain except a very light mist through the day, or at times during the day and evening.

Monday, September 21

In the morning we started as soon as we could get away or the Junction or White River. We called to see Mr. Dewey but did not find him at home. We called again at night and found him at home, and we had a long talk about the contract with Mr. Thompson. I wish they could see it best not to have any other papers than those they now have.

Tuesday, September 22

We ran a line of levels from a bench on the Porter place to the stone on Braley's land, testing the benches as we go down the line. We find some of them three or four-tenths out of the way. Saw Mr. Thompson at the Roberts cut. Mr. Clarke did not get an interview with Mr. Thompson, but will come down tomorrow. I paid Billings \$1.52 for chopping knife, tea and kerosene. A severe frost that injured vines, etc. but the dense fog prevented great injury.

Debits – 1.52

Wednesday, September 23

We went in the morning to Shallies Hill where we met Mr. Thompson, and Mr. Clarke came while we were there. Mr. Barker assisted us in setting up the lines over some of the embankments from the Tracy road-crossing down the line to where Chipman is at work. We determined the necessary lines and curves to make the best and safest road for the least money. Paid Mr. Hewitt four dollars for milk tickets. Some frost but the fogs have prevented injury. The middle of the day was very warm.

Debits – 4.00

Thursday, September 24

In the morning I went with Simeon Dunham and set the stakes for Mr. Standish's smoke stack guys. I then did the writing for the "Post" and hope they will see that the proof is correctly read. I called on Polk and got his watch from the express office and set it, as I thought, exactly right. Cloudy and there was some appearance of rain but the rain did not come here. There was a Thunder shower at about six o'clock in the north.

Friday, September 25

We spent nearly the whole day on the great curve at the Champion fill. We began it at the station where the work was first begun and ran it a 6 degree and 20' curve for nearly eleven hundred feet and then started a 7 degree curve, and after running two hundred feet changed it to a 7 degree 15' curve for two hundred feet, then 7 degree 12' to the end. Our horse got away from us and we got Mr. Shallies' horse and went to Woodstock but our horse had not got back as we hoped. Very foggy in the morning but the middle of the day was nearly clear and very warm.

Saturday, September 26

Went back to the Shallies Hill and then looked for our lost horse but did not find it till past noon. After dinner we went to the lower end of the line and laid out some work for Mr. Chipman near the Braley Culvert. Saw Mr. Dewey and had a talk with him about the contract with Mr. Thompson. I paid Mr. Shallies one dollar for his horse. We came home in the evening with our own hired horse.

Debits – 1.00

Sunday, September 27

Rested rather badly for we had walked very much to search for our horse and to see the work. There were no services in the chapel and I think, but one in town owing to the funeral of Ivory Vaughan that takes place this afternoon at the "flat" where he lived. I am feeling better this afternoon and must try to write some. We spent the day nearly alone and if we had both been well it would have been pleasant. Robert called in the evening. Very foggy in the morning and cloudy through the day with some signs of rain.

Monday, September 28

We went down the line going on the north side of the river. Spent the forenoon in setting grades at the Shallies Hill, setting them at both ends of the cut and marking the amount of filling. In the afternoon we went to the work at White River and met Mr. Thompson and Mr. Dewey. Am glad to meet Mr. Dewey there for I am anxious to have him see all the work that is done. Cloudy in the morning but only partially cloudy in the afternoon and clear in the evening. Wind southeast through the day.

Tuesday, September 29

Paid Paul for groceries 75 cents. Simeon attended the Fair and I was at the office the greater part of the day. Saw Mr. Clarke and we should have gone to look out water for the tank at the depot but the storm and rough weather prevented. Had a long talk with Mr. H.S. Dana about a clock for his office (Probate Office). The day was too cool for comfort at the Fair but many attended. Dense stratus clouds that increased till night. It began to rain.

Debits - .75

Wednesday, September 30

Paid postage, etc. not named at the right dates twenty two cents. This is thrown in here for I do not get the exact dates for all of the little items. I worked in the garden through the greater part of the day though it was cloudy, cool and rough. The Fair seems to be in good operation and the music seems almost constant. I can easily hear all that is going on there of importance. My writing on the meteorology has been and is quite oppressive, but I shall get the observations tonight. Very rainy through the night but it ceased in the morning though the dense stratus clouds continued through the day. Rain 0.63.

Debits - .22

Thursday, October 1

The late rains make it very unhealthy being at the Fair, but neither of us go at all. I spent the forenoon with Mr. Dewey on railroad business and he remained here to dinner. In the afternoon I went to the office and Mr. Clarke called. We had some talk on railroad matters, but it is much easier to talk on railroads than to build them. Paid Mrs. Ward \$2.42 for goods. Dense stratus clouds through the day. Slight showers in the afternoon.

Debits – 2.42

Friday, October 2

Paid Richmond for bread 12 cents and Ezra Occan 5 cents. Leland Doten sawed wood for me and I paid him 25 cents for it. Friday was the day set for Mr. Dewey to close the trade with Mr. Thompson to finish the railroad and we went down the line to carry the papers to Mr. Dewey. We went to the Champion curve to make some change in it, and we were driven from the work by a heavy shower. We got some cold before getting home. Rainy in the morning. A very hard Thunder shower in the afternoon from three to five o'clock.

Debits - .12, .02, .25

Saturday, October 3

Did not go down the line but spent or time in the office. I paid Slack for vinegar 20 cents. Simeon and I worked on our note books and I computed the rock that we laid out a few weeks ago.

Debits - .20

Sunday, October 4

We did not rise very early this morning for we were very tired last evening and hardly got rested. We started early for church to set the clock and regulate the time of ringing the bells. Heard Mr. Hewitt preach from Rom. VI: 1st. "What shall we say then? Shall we continue in sin that grace may abound?" It seems quite refreshing to hear him after being absent two weeks and he seems now to be somewhat rested.

Monday, October 5

This morning we started for the work and went to the "Hill" and ran some lines in the forenoon, and in the afternoon we went down the line to where Chipman is at work, and I ran in some new lines near the Braley culvert. We worked some late and then rode home to Woodstock. I paid Slack 18 cts for sweet potatoes. Paid 25 cents for postage stamps. Sent Polk fifty cents.

Debits - .18, .25, .50

Tuesday, October 6

We rode down again to the work on Braley's and found it going with much dispatch, and I think the work is going very well. Mr. Clarke rode down and had a fine interview with Mr. Thompson. I went to the office in the morning and I paid Richmond 12 cents for bread. I rode home from the work with Mr. Clarke coming a little more readily.

Debits – .12

Wednesday, October 7

Took cold yesterday and we do not go down the line today but work in the office. But after all I was too unwell to work at the computations. Simeon copied the grades, etc. into our note books. Rainy in the morning though it partially cleared away in the forenoon. Dense stratus clouds in the evening. Light S.E. through the day.

Thursday, October 8

I finished out the meteorological report for the Post and left it at the office, and after breakfast we started for White River. We ran the line through the long rock cut, and continued it till our field notes failed. We

then left and returned home, but it was nearly dark when we were at Mr. Shallies' where we left a part of our instruments. It was late when we arrived home, very tired of course. The southeasterly wind continues though at times it seems to be S.W. It began to rain at 10 o'clock in the evening.

Friday, October 9

The rain in the morning prevented our starting for the work, but a little before eleven o'clock we started but we met Mr. Thompson at Taftsville and we came back and went to our work in the office. I made out the estimate of work for the months of August and September and found that it amounted to \$2700.00 dollars. This was some money but I think they have earned it. Paid Paul 20 cents for eggs. Rainy this morning but it stopped raining about nine o'clock in the forenoon.

Debits - .20

Saturday, October 10

Arose quite early this morning and called at Polk's and at Simeon's and then went to Mr. Fay's stable to have our team ready to start soon after seven o'clock. We went directly to Shallies Hill where I stopped to set some center lines. We then went to White River and soon ran one line of levels over the part of the work measured off last Thursday. But the rain prevented our work in the afternoon, and we returned home by way of the Hartford school house. Cloudy soon after daylight though it was only partially cloudy when I got up. It began to rain at eight o'clock a.m.

Sunday, October 11

A very beautiful sabbath morning the sky being nearly clear and the wind southwesterly, and the Autumn colors almost at their highest beauty. We went to church and heard Mr. Hewitt speak from Mark IV: 28th. "For the earth bringeth forth fruit of herself; first the blade, then the ear, after that the full corn in the ear." The speaker first noticed the order in which the growth proceeded and then made the application to the way in which the pure principles of the gospel grow in our hearts. The sky was nearly clear in the morning, but some clouds sprang up in the middle of the day. The wind was southwest through the day. There was a very light sprinkle of rain in the afternoon but not enough to notice.

Monday, October 12

Simeon and I went down the line with all the instruments. Mr. Barker went with us and assisted us in chaining out the work, and we chained to the Junction. Mr. Clarke paid me 20 dollars on the railroad account for Sept & October, and I let Simeon have half of it, to go on his account. So I have received of the R.R. or Mr. Thompson 10 dollars. The day was too uncomfortable to work, but we did our measuring, etc. I paid Mr. Royce for clothing \$6.75 in full. A cold and cloudy day with northwest wind. Dense stratus or cumulo stratus clouds.

Credits – 20.00

Debits – 10.00, 6.75

Tuesday, October 13

Today I went to the work alone and Mrs. D. went to Taftsville. I went first to Mr. Dewey's and then to the east side of the hill. I left the horse at the Tracy crossing, and went down the line on foot. I met Mr. Thompson at the Pierson's cattle-pass and we came up the line together. Had a long talk with him on the contract and he will meet us at the Mills (Dewey's Mills) in the morning to close it off entirely. I did not get home till dark, or about 7 o'clock in the evening. Sent two dollars to Vick. Very cool with strong north wind and dense cir. stratus clouds. First flakes of snow seen this forenoon.

Debits – 2.00

Wednesday, October 14

This morning Mr. Clarke and I went to Mr. Dewey's to meet Mr. Thompson and to see the contract closed and after staying there till after noon we saw the contract signed by the president of the road and Mr. Thompson the contractor, and now I think there is some hope of having the road completed. It was some unpleasant to hear the two sides of the question discussed on a 200,000 dollar trade, but the parties

agreed at last and the contract was signed. A cloudy but not very cold day though the wind is in the north. The clouds broke away in the afternoon.

Thursday, October 15

We went to our work down the line after fitting our estimates for Mr. Clarke so that he can get his money for Mr. Thompson, and we went to our work near Mr. Mann's. We put in a long curve in Pierce's pasture. Mr. Thompson paid me fifty dollars and Simeon the same amount. The estimate should have contained the expense of engineering but it was omitted. A very beautiful day though partially cloudy. The clouds diminished till night when the sky was nearly clear. Ground frozen one inch deep in the morning.

Credits – 50.00

Friday, October 16

We started quite early in the morning and went to the Junction, or rather Mr. Pierce's and went to work near his house. We ran a very long curve and at last got it so that we were fully satisfied with it, though we had to work nearly all day to make it right. The day was very warm and we kept at our work with some difficulty. The evening was not so cold as last evening, though we were some cold before we got home. A very beautiful day, and so warm in the middle of the day as to be uncomfortable.

Saturday, October 17

I paid the Savings Bank \$18.30 interest, and Miss Knapp 80 cents for the International, and Billings 90 cents for handkerchiefs, and Randall & Myers 1.50 for a flat heater, and I received 1.50 cents of Mr. Brower for computing tin roofs. In the afternoon I went into the garden to fix a bed for tulips, etc. and hope they will grow as they did last year. Morning pleasant, but cool. Clouds began to gather in the middle of the day and the afternoon was cloudy. Westerly wind.

Credits – 1.50

Debits – 18.30, .80, .90, 1.50

Sunday, October 18

Coolish this morning but somewhat pleasant and only slightly cloudy. We walked to church and heard Mr. Hewitt. In the afternoon I got a horse and buggy of Mr. Fay and we rode to Pomfret. We found Spencer entirely alone. He, of course, was feeling very lonely and perhaps some sad. We all went to the old place to take tea and then came back to Spencer's. Fred had come home and it took a little from the loneliness. We left for home just before night, but it was some dark when we came home. The morning was quite pleasant and we walked to church. The clouds soon gathered and it appeared some like having rain. The wind came to the north and the weather was quite cool in the evening.

Monday, October 19

We went down the line and tried to run the levels from White River down to Mr. Pierce's. The day was too cold and rough for work. A very cold and rough day with a strong northwest wind. Dense stratus clouds through the day.

Tuesday, October 20

This morning I paid Richmond & Pinney \$3.46 on an account and also 25 cents for meat. We went down the line and ran the centers through to the Junction and found the line nearly as Phillips had run it long before. Having got our line through, we came home over the station road and brought our instruments with us. The day was much more comfortable than yesterday when it was so rough and windy. Cold in the morning but it soon began to grow warmer and today was quite pleasant.

Debits – 3.46, .25

Wednesday, October 21

This morning I lent to Abbie eleven dollars for a few days to pay Leland Doten for wood. We do not go down the line today for we were disappointed about a horse & wagon. We worked in the office a part of the day and did some chores about the house and garden. It is pleasant at times to have a day of rest

besides Sunday, though we do not get very much of rest owing to frequent calls and hard work. The morning cloudy but it cleared off and was pleasant through the day and evening.

Debits – 11.00

Thursday, October 22

Started quite early and went down the line of the road to finish the levels to the Junction. We had very good luck in getting through but we found that Mr. Phillips' grade were not very well kept up. Finished the work at half past four o'clock and started for home. In the evening I paid express bill on box of grapes from Mr. Gookin, thirty cents, and I paid Richmond thirty five cents for sausage. Am very tired tonight and can do but little writing. An extremely pleasant day. Nearly clear with high barometer and increasing temperature. The morning was cool.

Debits - .30, .35

Friday, October 23

We started quite early for the work at Shallies Hill and on the Tracy place. Laid out some work for McCarty in the great cut at the latter place and also ran some levels at the Hill. Not feeling very well, we started for home quite early, as we wished to hear Dr. Hayes' lecture at the Town Hall in the evening. Paid for ticket five dollars. Mrs. Marcy came up from Taftsville to attend the lecture. The evening was cool but pleasant. Another cool morning but the day was pleasant with southerly wind and very high barometer.

Debits – 5.00

Saturday, October 24

We remained at home and attended to office work in the forenoon and in the afternoon I worked in the garden. We are copying work into our field note books, so as to have the work safe. Joanna called in the afternoon. Mr. H.B. Thompson called and I let him take my map of the county for a short time. Paid Billings 30 cents for kerosene and 25 cents for soap. Mr. Paul brought us a second load of wood in the evening. The morning was more pleasant and it continued through the day. Easterly wind and clearing weather.

Debits - .30, .25

Sunday, October 25

The day was too beautiful to allow us to remain in the house and we walked to church and heard Mr. Hewitt speak from Leviticus XX: 7th. "Sanctify yourselves therefore and be ye holy; for I am the Lord your God." This text seems to have been taken more as the subject, or as containing the truth that he wished to inculcate than as needing any illustration or explanation. He therefore urged its precepts with much force and power. In the afternoon we walked to the Fitch place and found Mrs. Fitch and Miss Gardner alone as Joanna had gone to Pomfret to see Mrs. Page who is quite unwell. We remained there till evening and after tea Joanna came home, but it was then after dark. The day and the evening were extremely pleasant. The air was somewhat clear, warm and balmy, as much so as May or June, and all was as pleasant as could well be. Foggy in the morning but the fog soon vanished and the day was one of rare beauty and loveliness.

Monday, October 26

We went down the line to the Tracy Hill crossing, and then we laid out the work in the great cut north of that work. But in the afternoon Mr. Dewey and Mr. Pratt came for me to meet Dr. Boynton in the evening and to discuss the matter of signing the bonds. We came home as early as possible and in the evening Mr. Pratt and myself called on Dr. B. and had a very long chat and heard his eloquence. After that I called at the Post Office and Edward Dana & Charles called. Partially cloudy with light easterly wind through the day. Very warm for the season and pleasant.

Tuesday, October 27

I paid 25 cents for baking powders. I was compelled to remain at home to meet the R.R. directors and Dr. Boynton and Mr. Hatch. We first met at Mr. Billings' store, and after some talk concluded to meet in Mr. Marsh's office at two o'clock in the afternoon to discuss the matter more fully. At the appointed time we all met at Mr. M.'s office and after a long hearing, Dr. B. concluded to sign the bonds, and we left fully satisfied.

Debits - .25

Wednesday, October 28

We went to the Champion curve and spent nearly half a day in trying to fit it to the cut. It will not come round right and keep on the banks without some desperate cramping. We worked some time on it but I am not suited with the result, and shall try it again as soon as I can find an opportunity. Cloudy in the morning but the clouds broke away in the forenoon and the day was very pleasant.

Thursday, October 29

Today we went again down the line of the road and stopped at the hill and set grade stakes from the hill north to station 501 where the steeper part ends. In the afternoon we went to the Tracy crossing and set up a line there, and then went to McCarty's work and made a measurement for his monthly estimate. It was quite late when we left for home, and we found the concert of darky ladies going on and it seemed to be a very good one. Partially cloudy with a high south wind in the middle of the day.

Friday, October 30

We went to the Hill and made a sort of measurement of the rock at the south end of the hill. We then went to the Champion curve and made some changes in the line on the embankment. Mr. Dewey and John Dewey came and assisted us in fitting a curve for four hundred feet or from station 529 to 534 by using the two transits. I do not know as we can get in a better line than the one we have now. Mr. Oliver paid me two dollars and is anxious to have me adjust a land line for him. Warm and pleasant though partially cloudy. The clouds increased and the strong wind from the southwest made it very chilly through the greater part of the day.

Credits – 2.00

Saturday, October 31

Rested rather badly last night as I took cold by working in the wind and chill yesterday and last evening. Mr. Elisha Smith staid here last night and is some insane on account of his religious excitement. It would be well for him if his brethren could understand him better. Mr. Wilson an insurance agent called here and took dinner and I changed to the Union plan of Life Insurance and Mrs. D. is also insured. Paid Dr. Sherwin one dollar, and Billings 50 cents for sugar. Partially cloudy, cumulo stratus, with southerly wind in the forenoon, but in the afternoon it came to the northwest. Wind very high in the middle of the day.

Debits – 1.00, .50

Sunday, November 1

Rested badly again last night for I took a severe cold at my work last Friday. We thought we could not go to church, and I remained at home and tried to rest me by being extremely lazy. How well I succeeded time will tell. In the evening I called and got Mr. Parker's book of meteorological notes and copied such as was needed to make our report for October entire. In the evening I copied the whole for the Signal Service at Washington, and must mail it tomorrow. Cool, but not cold for the season. Strong breeze from the northwest but it changed to west in the forenoon. Light cirro stratus clouds in the morning but dense stratus clouds in the afternoon.

Monday, November 2

Self was much too unwell to go down the line, and I so wrote to Mr. Thompson. I worked in the office what I was able to do and also did some chores about the house and door-yard. Horace Dunham came here to look over the barn to see how to repair it, and I have engaged him to attend to it. Mr. Donohue, the

foreman at the Shallies Hill, called for an estimate of what he had done on the rock. Snow on the hills in the morning.

Tuesday, November 3

Did not go down the line for I am too unwell, and it is the day for election of member of congress, and I must be here and cast my vote for Judge Poland. Met Dr. Powers and Horace Lockwood at Mr. Blossom's to try to arrange a settlement with him in relation to his road line near his house. But we soon left for our own work. In the afternoon I worked in the office on the computations of R.R. work. Mrs. D. went to Horace Dunham's on its being her "birth day." Cold in the morning with very light cirro stratus clouds that continued through the day. Wind west in the morning but it veered to the south and southeast in the afternoon.

Wednesday, November 4

Am rather dull this morning but must go down the line to see about the estimates. I failed to see Mr. Thompson for he was detained about making settlements with Donahue and others. Mr. Clarke went to the Junction and saw Mr. Thompson and others and made some arrangements about the fence. Paid Paul for tea fifty cents and I paid postage, etc. four cents. Very smoky through the day. No wind in the morning, but before noon it began to blow from the south.

Debits – .50, .04

Thursday, November 5

We went to the hill to see Mr. Thompson and found the work going on finely at the south end of the place left by Donahue. Very smoky and chilly through the day.

Friday, November 6

The agricultural society paid me for laying out the Fair grounds \$25.00 and I paid Hatch for our R.R. surveying one dollar and twenty five cents, and I paid Miss Knapp for International Review 80 cents and I paid Bradley for Polk \$3.10 and this pays for wood that I spoke to Bradley to get of Mr. Murdock. Rainy in the morning. Dense cloudy and very dark from 7 to 8 o'clock in the morning.

Credits – 25.00

Debits – 1.25, .80, 3.10

Saturday, November 7

Did not go down the line this morning but continued to work on the estimates for the month and have completed them. I paid Paul 27 cts for kerosene and Myers 6 dollars for making pants and vests. I went to his shop and after some delay I found him and found the work fully done. Paid Mrs. Taft 2.25 for boots and Billings 1 dollar for stockings. Was out rather late for me, but met with no inconvenience except taking a little cold. Paid Chapman for glycerine 20 cts. Warm in the morning though the wind was northerly.

Debits – .27, 6.00, 2.25, 1.00, .20

Sunday, November 8

In the forenoon we went to church and heard Mr. Hewitt from Prov. III: 33. "The curse of the Lord is in the house of the wicked; but he blesseth the habitation of the just." This has been called one of Mr. Hewitt's best sermons. The singing was remarkably good, especially the voluntary, which was one of W.B. Bradbury's best pieces. His pieces are much superior to those of ordinary composers. In the afternoon we rode to Elmer Emery's to see Mrs. Page. We found her much better than she had been, though weak and feeble. It is a long time since I saw her or the family. The children have grown very much, so that I hardly knew them. Some cool in the morning but the thermometer rose some in the middle of the day. Wind changed from west to south. Clear in the evening.

Monday, November 9

Paid 24 cents for postage stamps. We went down the line to set up the curves through the rock cuts in the pine woods. We had hardly got there before it began to rain, and this prevented much of our work. We waited some time but the rain did not cease and we left for home about the middle of the afternoon. The clouds broke away before night and the evening was clear. We made but little progress with our line, and we call it an unfavorable day. Some rainy and very foggy or smoky. It rained some in the afternoon.

Tuesday, November 10

Went down the line and left note books and dinner at home. But we could remember the work and run the line through the rock cut in the pine woods. We took our horse and buggy through the woods and reached the line near Morse's land. The day was very pleasant for a November day, and we used it to the best possible advantage. We continued on our curve to Morse's line, or nearly so, and left the work quite late. Clear and cool in the morning but cirro cumulus clouds formed and increased in density till night. Wind west through the day. Very slight rain in the evening.

Wednesday, November 11

We went to our work again and took it up where we left last night and worked on the great Morse curve. The day was very windy and we tried to keep our work along correctly but it was very difficult. The wind was so unsteady that we could not stand still enough to set the instrument or take the sight, but we worked till night and then left for home. Dense cumulo stratus clouds with very strong westerly or northwesterly wind prevailed through the evening.

Thursday, November 12

Mr. Clarke called this morning and paid me the money left by Mr. Thompson \$444.24, the whole cost of engineering except 100 dollars that Mr. T. paid us last month. I paid Savings Bank 200 dollars and Simeon Dunham 65 dollars and inclosed for Mr. Fay \$76.50. Paid Mr. Shurtliff \$3.50 for a load of wood and barber 20 cents for hair cutting. Paid school tax 5.12.

Credits – 444. 24

Debits – 200.00, 65.00, 76.50, 3.50, .20, 5.12

Friday, November 13

The morning was cold but we must go down the line. We went to the Dewey flat and ran the great curve, and after some study and thought we got it to fit the bank most admirably. It was one of the most uncomfortable days that I ever worked in, for the wind was high and very cold. We continued the work till nearly night and came home in the evening thoroughly chilled. Paid Billings 13 dollars for dress goods. A very cold, rough and windy day. Dense stratus clouds with strong northwest wind through the day.

Debits – 13.00

Saturday, November 14

We concluded not to go down the line today, for we have office work to do, and the day is cold and some windy. I paid Taylor 1 dollar for the I & II volumes of the survey of a Railroad from the Mississippi River to the Pacific Ocean. These make my set complete and I call it extremely valuable. Paid Eaton for mending boot 65 cts and Sherbeno for work 30 cts. Paid Miss McCollum \$3.15 and I paid Billings 1.10 for sugar and suspenders. Cold and partially cloudy in the morning but it soon became clear and continued so through the day. Mr. Parker reports meteors from midnight to two o'clock in the morning.

Debits – 1.00, .65, .30, 3.15, 1.10

Sunday, November 15

A very cold morning but we must go to church and hear Mr. Hewitt. He took three passages from scripture for texts, one from Psalms XXV: 5. Cool in the morning but the temperature increased through the day. Dense stratus clouds and southerly wind.

Monday, November 16

In the forenoon we went to Shallies Hill and gave levels at the south side of the hill. We then went to the line in the pine woods and ran the levels from the Strong orchard to the road near Morse's. The day was pleasant but cold, and the evening was colder. Came home as usual in the evening, and were very much chilled. If there was snow on the ground it would be fully winter. Mrs. Bridge came in the afternoon and will remain through the night. Paid for yarn \$1.55 of Mrs. Latimer. Cold but pleasant. Stratus clouds in the morning but they broke away in the forenoon.

Debits – 1.55

Tuesday, November 17

There were strong signs of rain in the morning but we went down the line to finish out the levels on the Dewey flat. It began to snow very lightly at noon but changed to rain very soon and the storm continued lightly through the afternoon and evening. We finished our work at about two o'clock and left for home riding in a light rain all the way. But we cannot complain of the weather this fall for it has been remarkably fine. Wind southerly veering easterly in the morning. Dense stratus clouds that changed to nimbus in the forenoon. It began to storm, snow at first and then rain at eleven o'clock. Ponds in the river are frozen over and the boys are skating.

Wednesday, November 18

We concluded to remain at home today and work in the office and try to get the work copied in our note books. Paid Billings for dress trimmings \$2.06 and I paid Billings for tea 63 cents. The day was pleasant but we remained in the office or at home, and copied our work what we could. Partially cloudy through the day with westerly wind veering north. A remarkably pleasant day for the season.

Debits – 2.06, .63

Thursday, November 19

Paid H.F. Marsh for use of machinery and lumber \$7.69. We went down the line to the Junction to look out for a crossing. Mr. Dewey and Mr. Thompson were both there and we partly agreed where to fix the line across the Central railroad tracks. The afternoon was some cold and we did not leave till night. The task of riding home from the Junction in the evening is not a pleasant one, and we were nearly chilled through before we got home. A cool, windy and cloudy day, and wind southeast.

Debits – 7.69

Friday, November 20

Though we were out so late last evening we started early this morning to go to the great culvert at the Tracy hill crossing. It began to snow some before we got there and the storm continued to increase. We took what levels and measurements we wanted to fix the length of the culvert and the height of the parapet walls. We left for home at about two o'clock or a little later. I paid 50 cents for a pair of thin gloves, and 15 cents for mending boots. There were strong appearances of storm and we began to see flakes of snow at nine o'clock and it continued to snow till night.

Debits - .50, .15

Saturday, November 21

Am some unwell today. Did not rest well last night. Mr. Wm. Clarke called in the morning and talked about his misunderstanding with Mr. Shaw. They have a difficult thing to adjust for the measurements must be made with the utmost care to hit the same corners with the old lines. Paid Mrs. Parker one dollar for fixing dress, and Paul 59 cents for Molasses and ginger, and Mr. Eaton 25 cents for alcohol. Partially cloudy through the day with westerly wind. Clouds increasing.

Debits – 1.00, .59, .25

Sunday, November 22

A cold morning and some snowy but we went to church in the forenoon and heard Mr. Hewitt preach from Jeremiah XXVII: 9th: "The heart is deceitful above all things and desperately wicked: who can know it?" The sermon was much of it made up of illustrations and of examples to show the wickedness of the heart, and to show that where very wicked acts were committed it was kept concealed in the heart as far as possible. He cited Judas betraying his master with a kiss; also the great rebellion in the United States, the plotting of it, etc. This is the coldest morning we have had this season.

Monday, November 23

A stormy morning and I was not in much haste about starting. We could not go down the line on account of the storm. I remained at home and did chores about the house in the forenoon, and in the afternoon I went to the office and remained there through the afternoon. Sent to Polk one dollar.

Debits – 1.00

Tuesday, November 24

Gilman Henry paid me one dollar for levels etc. last spring and I paid Billings for lantern 1.15 & 5 cts for cotton wicking. In the afternoon we made a measurement of fence made by Mr. Barker and found he had made 399 rods, or very nearly that. The weather grew cold through the day and we had a long tramp through the snow. We did not measure the fence made by Mr. Pierce, but by the stations it was 61 rods. Slightly stormy early in the morning.

Credits – 1.00

Debits – 1.20

Wednesday, November 25

Paid Mr. Hewitt two dollars for milk tickets, and I paid 10 cents for soda. I spent the day at home and in the office and much of the evening in writing out the meteorology for the papers. We ought to have gone down the line and set grade stakes and slope stakes at the Shallies Hill where the great fills are to be made. I bought Worcester's Dictionary today which adds one more to my good list of such books. Paid Paul 30 cents for kerosene. Cloudy in the morning with slightly falling flakes of snow.

Debits – 2.00, .10, .30

Thursday, November 26

I spent the morning in writing out the meteorology for the week, and after finishing that and leaving it at the office we walked over to Sunny Side and made our Thanksgiving visit. The day was pleasant and we had a pleasant time. Partially cloudy in the morning with northwesterly wind, but the clouds vanished in the forenoon and the afternoon was clear. Thanksgiving today.

Friday, November 27

We started to go to the Junction but found the sleighing so bad that we gave up the idea and went to the work near the Tracy crossing. We laid out the work near the culvert for Mr. McCarthy to work in. It was a little difficult to lay out work without instruments but our long level and tape was all that we absolutely needed. Our ride home was very chilly but we got home soon after dark. In the evening I paid Zenas Adams Jr. 20 dollars by an order from Polk. Very cold in the morning but it grew warmer fast during the day. Lunar halo from one to three o'clock a.m.

Debits – 20.00

Saturday, November 28

Paid Richmond 18 cts for oysters and Paul 19 cents for crackers. I remained in the office and did not go down the line. There is much of office work to be done. I can wish that the company or the contractor would furnish us with an office to work in and I do believe they are able to do it. Partially cloudy with southeasterly wind. Lunar halo from midnight to 4 o'clock a.m.

Debits – .18, .19

Sunday, November 29

This is my birth day and we had Polk and Abbie come here to dinner. The storm prevented us from going to church. I should have been glad to hear Mr. Ballou but the storm is too fearful. Polk and Abbie came here soon after noon, and remained here till towards night, and we all had a very pleasant time. Robert called in the evening, and complained of the blues and all sorts of miseries. Though the early part of the day was stormy and rough, the evening part was clear, cool and pleasant. In the evening we copied a part of the meteorological report for the present month. Rainy in the morning but it changed to snow at ten o'clock a.m. The storm ceased at three o'clock p.m.

Monday, November 30

The morning was cold and rough and we did not go down the line. Simeon took his work home with him and I worked on the notes and meteorology to close up the month of November. I tried to finish up the report to send to the war department. Today Polk paid me ten dollars towards what I paid him in buying Leland Doten's wood. Cool with a strong breeze from the west. Meteors seen from 0 to 4 o'clock a.m.

Credits – 10.00

Tuesday, December 1

The morning was rough and very cold, so that we did not go down the line, but worked in the office. I have tried to arrange the plans of the land taken of the several land owners, and I find all but one and that is Henry Johnson's, but I can get the description from the town records. Wm. H.H. Murray lectured here in the evening but the storm prevented our going. Brought 10.02 cents forward to the cash account.

Wednesday, December 2

It was cloudy in the morning with signs of storm, but we went down the line to see the work at the Hill and to take notes for the monthly estimate. We met Mr. Thompson at the Hill and found work going on as usual, though on Sunday and Monday the laborers had a "spree." We found the sleighing very bad and were obliged to come home on the north side of the river from Quechee. A cloudy but pleasant day with very light northwest wind but hardly enough to bend the smokes. Six inches of snow now on the ground.

Thursday, December 3

We did not go down the line for it appeared so much like rain, but we worked in the office and at our house. Made some of the computations necessary for the estimate. Rainy in the forenoon and cloudy and thawing through the day.

Friday, December 4

Spent the day on the estimates and plans, etc. We must try to get some of the measurements more correctly than it is easy to do it, for on the quantities that are limited on the contract with Mr. Thompson we must try to measure correctly. Paid Billings 5 cents for candle wicking. Very light cirro cumulus clouds in the morning but the sky has been perfectly clear. Wind north and northeast.

Saturday, December 5

We concluded not to go down the line today but to work on the notes already collected in the office. I kept about my room in the forenoon, but in the afternoon I went to the office and worked on Mr. Clarke's book of the road lands. Paid Billings for tea and sugar \$1.12 and I paid Jones 25 cents for shade frame for lamp. Cloudy through the day with light northwest wind. Clouds increased in density through the day. Solar halo at noon.

Debits – 1.12, .25

Sunday, December 6

The morning is cloudy and there is much appearance of a storm. But we must go to church and we started off on foot the road is very slippery but we managed to go along safely. Mr. Hewitt spoke from I Kings XVIII: 21st. "If the Lord be God, follow him. But if Baal, then follow him." He preached what might be

called a doctrinal discourse as his text seemed to lead him. He first rehearsed the story of Elijah's interview with Ahab and of the test of the true God. He then examined the different characters of the God worshipped in this world. First, the God of Calvinism, then the God of Arminianism. But none of these was the loving father of the Christian Universalist. He then gave us the character of the true God, the God that we must adore and worship. Rather light stratus clouds but they increased in density till night. It began to snow lightly at eleven o'clock forenoon and the storm increased till night. 2 inches of snow. 0.14 inches of rain, etc.

Monday, December 7

The snow yesterday has improved the sleighing and we concluded to go to the Junction to test some measurements that we made some time ago. The sleighing was tolerably good when we started but it diminished very rapidly as we went towards the Junction. We kept the line of the railroad nearly to White River village. We took such notes at the Junction as we wished and were ready to start for home about sunset. Paid postage ten cents. Robert called in the evening. Very low stratus clouds till nearly night when they partially broke away.

Debits - .10

Tuesday, December 8

Today I staid in the office the greater part of the day. Paid Kimball for lamp 99 cents. We worked on the estimate and I tried the plan of the connection of the tracks at the Junction. I must try some of that work again for I think a good connection can be made. In the afternoon stage, Miss Marcy E. Shaw came to Simeon Dunham's to live and to go to school. She has been living with Mr. Thompson's sister in Massachusetts. Stratus clouds in the morning but they broke away in the forenoon. Wind northwest. Clear in the evening.

Debits - .99

Wednesday, December 9 (Mrs. Doton)

Paid Montague \$1.20 for blank book like this, and I hope I shall be able to keep it better than I have this one. We paid Mrs. Ware \$1.25. And we paid Mrs. Wm. Billings (Edith Palmer) 25 cts. We went to Shallies Hill and then to the culvert at station 579 near the Tracy Hill road crossing. That southeast wind was very chilly and it did not change to northwest till evening. Paid 9 cents at Jones' store. I tried to write in the evening on the meteorology but was too tired to continue. A cloudy day with a strong S.E. wind in the forenoon and till near night.

Debits - 1.20, 1.25, .25, .09

Thursday, December 10

This morning I tried to finish the meteorology, and I continued the work till it was done, which was nearly noon. In the afternoon I went to the office. But there is so much of plan and railroad talk that we can hardly work on the computations as we ought to. Cloudy and cool in the morning. Light west wind that changed to northwest then to the east. Cloudy in the evening with signs of storm.

Friday, December 11

Paid 20 cents for kerosene. Spent the day at my room and in the office. Miss Gardner came here in the afternoon and remained here through the afternoon and till evening. She made a very pleasant call and our folks enjoyed it finely. There was a lecture at the Town Hall. Mr. Field of the Atlantic Monthly gave a lecture that was much admired by some. We did not hear him. Paid National Bank 4.15. Cloudy in the forenoon and dense squalls of snow in the afternoon. About one inch fell.

Debits - .20, 4.15

Saturday, December 12

We started early in the morning for West Windsor. We made a full survey of the road that I began last spring. We found the sleighing very good the greater part of the way, but the last mile or two were rather

hard. I took Simeon Dunham with me and we made such measurements as we had time and thought necessary to make to get a perfect view of the lands in that neighborhood. Cold in the morning but the cold abated some in the middle of the day. Wind west, and the weather was some squally.

Sunday, December 13

We must go to church as we did not go last Sunday it will not do for us to stay out again. We heard Mr. Ballou from Rom. XIV: 17: "For the kingdom of God is not meat and drink, but righteousness and peace, and joy in the Holy Ghost." He had prepared two sermons from this text, but as we have but one service he was compelled to condense the whole to one sermon. He spent some time in explaining the uses of the term "kingdom of God," as used in the bible. He touched upon Prof. Tyndall's late lectures on molecular attraction, and seemed to have some fears of the atheistic tendencies of science and scientific men. Dense stratus clouds and some squalls of snow during the day. Early in the morning wind east but changed to south in the forenoon. Cold in the morning but it grew warmer towards night.

Monday, December 14

We staid in the office in the forenoon and in the afternoon we went to the work at Shallies Hill. The weather was very cold, but we ran levels into the cut and on the south side of the hill, and also set grade stakes for Chipman in the pine woods. We met Mr. Thompson who came down from Lyndon in the forenoon. We came home some earlier than usual, for the temperature falls very fast. Snowy in the forenoon about 2½ inches fell in all. North wind through the day. Large and brilliant meteor in the evening.

Tuesday, December 15

This morning I mailed a letter to Amelia, and I paid 6 cents for stamps. I worked much of the day on the plan for the West Windsor case and I hope to get it so that the case can be fully understood. Mr. Clarke and Mr. Thompson called in the evening and had a very pleasant time of it on railroad work. They are thinking of putting in a bank wall on the east side of the track at the summit. Clear and very cold. Clear through the day. The surface wind was east in the morning but it very soon changed to north.

Debits - .06

Wednesday, December 16

This morning seems almost too cold for work. The Trustees paid over to Mr. Thompson the amount of the estimate less ten percent, and he paid me \$196.00 and I paid Mr. Fay 51 dollars and Clarke for Mr. Fay 45 dollars which is half pay for a bond he subscribed for. I paid Mr. Fay 9 dollars for my own horse hire. I also paid Billings 12.71 on an account. Paid Mrs. Palmer 25 cents and I paid Simeon Dunham Railroad hire 50.00. I received the money inclosed for Fay 76.50, which was, in part, the money paid to him & Clarke. Very cold in the morning. Ther. minus 18.5. Clear but clouds soon formed.

Credits – 196.00, 76.50

Debits – 51.00, 45.00, 9.00, 12.71, .25, 50.00

Thursday, December 17

This morning I spent some time in writing out the meteorology of the last week. Paid 25 cents postage and paid Paul 35 cents for groceries. In the morning I paid Montague 10 dollars on account, and in the afternoon I paid 13.50 to Mr. Royce. In the evening we went to hear Mr. Warren's lecture on the stars. I do not call him a very pleasant speaker. Much warmer and some flakes of snow falling. Very light southwest wind. About one inch of snow fell in the evening.

Debits - .25, .35, 10.00, 13.50

Friday, December 18

I went to the office and had a little talk about the lecture last evening. It is strange that people would not rather read these truths for themselves. Very nearly all of his lecture can be read in Dr. Dick's books, though some of the facts are of late discovery. I paid Mr. Smith for a pair of boots \$3.75. I am fearful the boots are too narrow. Paid 2 cts for sponge. I worked the greater part of the time on the plan of the West Windsor case. Paid Ora Paul for wood 36.00. Partially cloudy through the day with westerly wind.

Debits – 3.75, 36.00

Saturday, December 19

Last evening we received a dispatch not to meet Mr. Thompson at the Junction today, and Simeon and I went to the hill to see the work there and then to the second great ravine to take some cross-sections there. We found the banks so steep and so frozen that it was impossible to take them satisfactorily and we only took one side of the ravine. We were very tired and chilly when we got through, but we came home bringing a note to Mr. Kidder from Quechee. Cloudy in the morning and squalls of snow in the middle of the day.

Sunday, December 20

Was too unwell to go to church and we concluded to remain at home and try to rest. I slept in my chair the greater part of the forenoon and felt some better for the rest that I got. I had taken cold in my head and was almost giddy in consequence of it, and was really too unwell to sit up. A cloudy and chilly day with a southerly wind.

Monday, December 21

I found in the morning that the trial of Mr. Winn was not to come off till Wednesday and we concluded to go to the Shallies Hill and run a line for Mr. Fish to place his bank wall. Mr. Thompson came as we started to come away so we did not see him at all. I went to where Mr. Chipman's gang are at work and find them doing a good work. I paid just one cent at the post office and paid Edward and Richard Leonard 60 cents as part pay for piling wood in the shed. Paid for pencils 25 cents. Paid for directory two dollars. Cirro stratus clouds in the morning but they soon vanished and the day was very clear and cold. Wind north through the day. Aurora halo at 1 o'clock a.m. Bright aurora at 11 o'clock and 12 o'clock p.m.

Debits - .01, .60, .25, 2.00

Tuesday, December 22

I worked the greater part of the day on the plan to be used in the Winn trial that is to come off very soon. I hope they will get a good jury, one that will judge for themselves. Let him have a fair trial. Paid Richmond & Pinney \$4.97 in full on account. Paid for eggs 40 cents. Lunar halo at 1 o'clock a.m. and halo and corona at 2 o'clock a.m. and halo again at 4 o'clock a.m.

Debits – 4.97, .40

Wednesday, December 23

Paid school tax on Pomfret list \$2.75 and this is fully thrown away. Paid 37 cents for sugar & lemons, and for other groceries 30 cents. Paid Miss Knapp \$2.70 for Nautical Almanac and Review and I paid Polk one dollar. Snowing at two and three o'clock a.m.

Debits – 2.75, .37, .30, 2.70, 1.00

Thursday, December 24

This morning I was called to the Court house a short time before the court went in, and I called on Simeon Dunham and we were released till about ten o'clock. I went about eleven and was soon called to the stand. I was there till the court adjourned. In the afternoon I went again but was not called. Paid for groceries, tea, etc. 1.39. Cloudy and a squall of snow between 8 and 9 o'clock a.m.

Debits – 1.39

Friday, December 25

I spent nearly all day at court or waiting for the Winn case to be closed. As this is Christmas day Abigail and Joanna and Mortimer Spear came here to dinner, and we expected Mrs. Fitch and Miss Gardner. Some cloudy in the morning.

Saturday, December 26

In the morning I went to the Court house to hear Mr. Dennison's argument, but I did not remain there long before I left for home and went to work, but it was with some difficulty on account of the intense excitement that prevails on account of the trial. I paid 75 cents for oatmeal and 22 cts to Billings. Cloudy with signs of storm.

Debits - .97

Sunday, December 27

Staid in my room in the forenoon for our Sunday service is now in the afternoon. I tried to rest all that was possible. In the afternoon we walked to church and hear Mr. Hewitt speak from Isaiah XXXIII: 22nd. "For the Lord is our Judge, the Lord is our lawgiver, the Lord is our King; he will save us." He first took up the subject of God's dealings with us in the character of Judge, and made many quotations to show that as a judge he would judge in righteousness as he was still our Father. He went over the whole ground of his text making an extremely valuable sermon, though largely doctrinal. There were many from the other churches to hear it, and we do not wish to have them think that our sermons are always of just that character. The choir did very well and gave us a very excellent voluntary. Very light cirro stratus clouds and these continued through the greater part of the day.

Monday, December 28

The appearance of rain was so strong that we did not start for the work this morning. It had rained some in the night and it rained again in the middle of the day. This afternoon we found that the jury would not agree in the Winn case, and they were discharged. I spent the afternoon in writing or rather drawing plans for Mr. Clarke. I find the people are much stirred up in relation to the trial of Mr. Winn. Cloudy in the morning and it had rained some in the night. The rain began again in the forenoon.

Tuesday, December 29

In the morning we started for the work at Shallies Hill and we went to the gulf to take some levels. We ran from the Bridge seat to the top wall and found it to be 25.5 feet, that is 25.5 feet below grade. But Phillips intended to have it 2 feet below. Perhaps that wall has settled as the boys have tried to tear it down. We then went to the hill to look at the work there. A very severe squall of snow in the afternoon at the hill, but there was but little here. Warm and cloudy in the morning with southwest wind.

Wednesday, December 30

We started in the morning for our work near Mr. Champion's. We met Mr. Thompson, Mr. Fisk and another of Mr. Thompson's men and we put ourselves in readiness for the work. We took cross-sections through the greater part of the space left of the great Champion Fill, in order to lay out the Trestle work at that place. I took 2 dollars of Joanna's money to pay Cushing and Abbott \$1.85 cents that she was owing them. I paid it and returned the 15 cents. Slightly cloudy in the morning and the clouds increased rapidly and squalls of snow began to come at eleven o'clock and they continued till night.

Thursday, December 31

Was not very well in the morning but I hurried and got Mr. Thompson's plans ready to send, and sent them to Boyce as Mr. Thompson directed. I paid Elisha Gallup ten dollars for butter. Polk and Abbie came here to dinner and then went home and visited with Elisha Gallup & wife. The reading that we expected at the town hall is postponed till tomorrow. Mr. Thompson called in the evening. A very clear and cold day with a dense and heavy north wind.

Debits - 10.00

People

Betsey Latimer Bates of West Fairlee, Vermont was an aunt of Elvira Doton and a regular visitor of the Dotons.

Frank Noble Billings was a dealer in groceries and dry goods. He operated the Jones & Billings store in Woodstock from 1854 until it was destroyed by fire in 1860. He opened a new store in the Woodstock's Phoenix Block and operated it until 1894. His son Franklin S. Billings was governor of Vermont from 1925-1927.

Frederick H. Billings was a lawyer and financier who first became successful in California at the time of the gold rush. Billings was a millionaire by age thirty through legal fees, business investments, and real estate. In 1869, Billings bought the former home of Charles Marsh in Woodstock and implemented new methods of farming and conservation. He was a major investor in the Northern Pacific Railway and served on the board when the railroad completed its line from Minnesota to Seattle, WA in 1883. Billings was involved in civic and charitable activities until suffering a stroke in 1889. He died the following year.

Norman Bridge lived on Cloudland Road near the Doton homestead. He was a gifted but sickly young man who studied science and music though confined to bed. Hosea often called on him on Sundays to check on his health and to write for him. Norman composed several poems that Hosea submitted to publishers. He died in 1860 at age thirty-eight.

James Knox Polk Chamberlin was a student of Hosea Doton and married his daughter, Abbie, in 1867. He was an attorney with an office in the Phoenix Block in Woodstock.

Captain Seth Conant was a neighbor of Hosea Doton on Cloudland Road in Pomfret.

Rev. O.K. Crosby was the preacher for the Woodstock Universalist Society in 1880. He was the father of Ward Crosby who was a student of Hosea Doton prior to being hired as a surveyor by the Eastern Railroad in 1880.

Henry Swan Dana was born in Woodstock in 1828. He graduated from Dartmouth College in 1849 and became a teacher. He published an account of Woodstock's first meeting house in the *Vermont Standard* and was encouraged to write a history of the town by his schoolmate Frederick Billings. Dana's *History of Woodstock, Vermont* was published in 1888 with funding from Mr. Billings.

Abigail Everts Doten was a sister of Hosea Doton. She was born in 1817 and died on October 5, 1900.

Electa Doten was a sister of Hosea Doton. She was born in Pomfret in 1813. She married Henry Leach on January 23, 1873. She died on September 21, 1898 and was buried in North Bridgewater, VT.

Joanna Doten was a sister of Hosea Doton. She was born in Pomfret, in 1823 and died in 1908.

Louisa Doten was a sister of Hosea Doton. She was born in Pomfret, on October 19, 1819. She married Henry Leach on September 5, 1865. She died February 28, 1871 and was buried in North Bridgewater, VT.

Sorell, Franklin, and Orlando Doten were sons of Isaac and Rosilla Doten of Barnard, and cousins of Hosea Doton.

Spencer Doten was Hosea Doton's brother. He was born in Pomfret in 1811 and died there in 1891. Spencer spelled his last name Doten as did Hosea Doton's sisters.

Abbie Doton was the daughter of Hosea Doton and his first wife, Lois Paddock Doton. She married James Knox Polk Chamberlin. Abbie was a teacher who became the first librarian at the Abbott Memorial Library in Pomfret. Hosea sometimes spells her name Abby or Abba and this diary preserves all spellings.

Julia Elvira Doton was the third wife of Hosea Doton. She was born in Hartland, VT in 1840 and died in Woodstock in 1910. She remained close to her sisters Caroline Dunham and Abigail Gookin through her life.

Horace F. Dunham was the brother of Simeon C. Dunham and the husband of Elvira Doton's sister Caroline. He was a surveyor who worked with Hosea Doton on the Woodstock Railroad.

Simeon C. Dunham was the brother of Horace F. Dunham. He was a businessman and community leader in Woodstock.

Charles Fitch owned a house on the Old River Road in Woodstock where his mother Mrs. Woodward Fitch lived. Charles Fitch worked in Boston and Hosea and Elvira moved into his house in January 1874 to care for his mother. When Hosea bought a house in Woodstock, his sister Joanna moved into the "Fitch place," to care for Mrs. Fitch.

Amelia Gookin was the daughter of Elvira Doton's sister Abigail Gookin and her husband David Carter Gookin. Amelia lived with Hosea and Elvira Doton at times and graduated from Woodstock High School in 1874.

William Henry Harrison, known as "Old Tip" became President of the United States on March 4, 1841. He died thirty-one days after his inauguration.

Zerviah Harvey was the wife of Nathan Harvey and sister of Hosea Doton's first wife Lois.

Frank Hatch was president of the Windsor County Mutual Fire Insurance Company. Hosea tutored his son.

Felicia Hemans was an English poet. Hosea Doton bought books of her poems for his daughter Abba, and Hosea framed a portrait of Mrs. Hemans done by Caroline Wyatt, which was presented to the Abbott Library in Pomfret in 1909.

Delia Hewitt was the daughter of William R. Hewitt. She was a longtime teacher in Woodstock.

Etta Latimer (1851-1914) was Elvira Doton's aunt and a frequent visitor as were her sisters Hannah Latimer Russ, Betsey Latimer Bates, and Mary Latimer Marcy.

Henry W. Leach married Hosea Doton's sister Louisa in 1865 after his first wife died. Louisa died in February 1871 and Henry married another of Hosea's sisters, Electa, on September 5, 1873. Henry, Louisa, and Electa are buried in North Bridgewater Cemetery.

Mary Latimer Marcy was an aunt of Elvira Doton and a regular visitor of the Dotons.

F.D. Maurice was an English theologian, professor, and proponent of Christian socialism. He wrote nearly forty books with a focus on the poor and working classes.

John Paddock was the father of Hosea Doton's first wife Lois Paddock.

John Paddock Jr. was the brother of Hosea Doton's first wife Lois Paddock. Hosea's diaries suggest he was a peddler who sold goods from a wagon in Windsor County.

Lucy Vaughan Paddock was the mother of Hosea Doton's first wife Lois Paddock. Hosea refers to her as Mother Paddock.

Henry L. Page was the husband of Hosea Doton's sister, Matilda.

Kimball Perkins was the son of Nelson Perkins and Lucy Paddock Perkins. He was a nephew of Hosea Doton who served as his guardian after Kimball was declared non compos mentis. After Hosea's death, Kimball lost his guardianship and died at the Barnard town farm.

Patience Paddock Perkins was the wife of Alva. C. Perkins and sister of Hosea Doton's first wife Lois.

Lucy Paddock Perkins was the wife of Nelson Perkins and sister of Hosea Doton's first wife Lois Paddock Doton.

Nelson Perkins was the husband of Lucy Paddock, sister of Hosea Doton's first wife Lois. He was the brother of Alva C. Perkins.

Norman C. Perkins, son of A.C. Perkins, was a student of Hosea Doton who attended Yale and became editor of the Yale Review, which is America's oldest literary magazine. Norman moved to Chicago and later Detroit. He corresponded with Hosea for years.

Robert A. Perkins, son of A.C. Perkins, founded the Otta-Quechee Post in 1871 and served as editor and publisher. The name was changed to the Woodstock Post in 1872 and it was published until 1875. He later worked for the Rutland Herald. He was a frequent visitor to Hosea and Elvira Doton and wrote an obituary for Hosea in January, 1886.

Lewis Pratt Jr. owned a bookstore in Woodstock where Hosea Doton had an office for surveying and engineering. He founded the Vermont Temperance Standard in 1853 and managed it until 1854. The name was changed to the Vermont Standard in 1857.

O.L. Richmond was a dealer in beef, pork, lard, mutton, poultry, tripe, sausages, candles and all kinds of provisions usually kept in a country market. Old Stand, Central Street, Woodstock.

Mortimer Spear, born in 1845, was a farmer in Pomfret who was unmarried, enjoyed reading, and became a friend of the Doton family. Hosea sold him a farm near the Doton family homestead on Cloudland Road in 1878. While there, he helped Hosea's sister Joanna care for the Doton farm, provided transportation for family members, and delivered wood to Hosea in Woodstock. Mortimer sold his farm after Hosea died and continued to help Joanna maintain the Doton farm. When Joanna Doton died in 1908, she passed the farm to Mortimer.

Samuel Thomson was a proponent of herbal medical practices in the early 1800s.

Joseph Vose was the brother of Hosea Doton's mother Elizabeth.

Otis Winn was the father of Spencer Doton's wife Charlotte. He sometimes worked for Spencer and Hosea Doton.

H.L. Williams M.D. operated Williams Dental Rooms in the Stone Block on Elm Street in Woodstock.

Caroline Wyatt visited Hosea and Lois Doton regularly. In 1846, she painted a portrait of poet Felicia Hemans that Hosea framed and kept for the rest of his life. His widow Elvira presented it to the Abbott Library in Pomfret in 1909.

Glossary

Aneroid barometer – A barometer in which air pressure is measured using a small vacuum chamber.

Azimuth – One of two coordinates, in addition to altitude, used by an observer to chart the position of a celestial object in relation to a fixed position, usually true north. Hosea Doton calculated the azimuth of the North Star, which varies from 002° to 358° during the year.

Bay rum – a mixture of bay leaves and rum used as a cologne or after shave.

Bemired – Covered with mud.

Book slates – Two pieces of slate that can be written on and erased, hinged with a cloth binding.

Boot gore – A lining inserted into boots to make them more comfortable.

Cambric – A light cotton fabric.

Chaise – A carriage for one or two people, sometimes with a folding top.

Chilblain – Itchy swelling on the hands or feet caused by exposure to cold.

Cock – A stack of hay or grain.

Court plaster – An adhesive plaster used to cover small blemishes and scrapes. Sometimes made of silk and coated with glycerine.

Cutter – a light sleigh with a single seat and usually pulled by a single horse.

Declamation – An artistic form of speaking or recitation.

Dock root – Yellow dock is an herb that was used to improve digestion.

Equation of time - The equation of time describes the discrepancy between apparent solar time and mean solar time. The equation of time values for each day of the year were often reported in almanacs.

Firkin – Container of something such as butter that holds about nine imperial gallons,

Froward – Willful or disobedient.

Glycerine – In the 1800s, glycerine was used to treat constipation, and was also a base for herbal remedies.

Grapery – An area or building where grapes are grown.

Helve – The handle of an ax or hammer.

Ladies Repository – A monthly publication of the Methodist Episcopal Church in the nineteenth century devoted to literature, art, and religion.

Mensuration – The use of geometry to measure areas or volumes.

Parhelion - An atmospheric optical phenomenon that consists of a bright spot to one or both sides of the Sun.

Parley's Magazine – A publication for children and youth issued from 1833 to 1844.

Pent road – A road that may be closed by a gate or bar.

Quire – A measurement for sheets of handmade paper. Formerly twenty-four sheets.

Ruche – Pleat of fabric for decoration of a garment or home furnishing.

Salerates – Bicarbonate of soda used to help bread and cakes rise.

Sector – A tool used for measurements and calculations. Sometimes called a *proportional compass*.

Sere – Withered, as in sere leaves.

Shoat – A young pig, especially one that is newly weaned.

Sled rave – Runner for a logging sled.

Snath – The long wooden handle on a scythe.

Southing of the moon – When the moon appears to the south of an observer.

Spider pan – A frying pan with legs.

Swill – Liquid food for animals.

Taking the time – In the 1800s, towns would set clocks at noon when the sun reached its highest point in the sky.

Theodolite – An instrument used to measure horizontal and vertical angles in surveying.

Thill – Either of the pair of shafts from the front of a carriage or sleigh between which a draft animal is harnessed.

Thralldom – State of bondage or slavery.

Transit – A telescope with a level used by surveyors to lay out roads and building foundations.

Vendue – A public sale or auction.

White lead – A mineral that was mixed with water for use as paint.

Winnow – To remove chaff from a grain or other crop.