

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

Vol. 10.

LANSING, MICHIGAN, TUESDAY, FEBRUARY 14, 1905.

No. 21



WELLS HALL HAS GONE UP IN SMOKE.

At 4:30 Saturday morning the cry of fire rang out from the west ward of Wells Hall. In a few moments that ever dreaded fire whistle gave the alarm and almost immediately nearly every dwelling and room on the campus was astir. In from five to seven minutes after the whistle blew the fire company was on the ground with the hose carts, connections made and everything ready for action. In the meantime, at the boiler house the valve had been turned connecting the river with the water system and the big pump was started with a man standing at the throttle and another at the boilers. Immediately two streams of water with 150 pounds pressure were in play.

The fire had broken out in the partition between the Hesperian rooms and the boarding club, and also in the ceiling over the entrance way to the Hesperian rooms. Although the west ward was dense with smoke the firemen forced their way into the basement and with the heavy streams of water extinguished the fire at this point. The other bunch of firemen were on the first floor and extinguished the fire in the partition next to the middle ward and in the closet under the stairway. All the fire visible was extinguished, but very soon it began to break forth from the partitions and ceilings on the second and third floors. Greatly to the surprise of every one the fire broke out in the front corner rooms of the middle ward.

It was supposed that the fire walls between the wards would act as a barrier, but they did not seem to do so. In a very short time the fire was sweeping through the middle ward, and from this it ate its way very rapidly throughout the entire building. When it was discovered that the partitions and floors were honeycombed with fire, a message was sent to the Lansing fire department, which responded very promptly with several lines of hose and five or six men. They made a very fast run considering the condition of the roads and their team was very much exhausted. The fire had just reached the east ward when they arrived and it was thought there might be a possibility of saving this ward. Four streams of water were then put into play with pressure sufficient to throw the

water over the building, but they had no effect and the fire spread through the attic and slowly down through the other rooms until the ruin was complete.

The fire was discovered by Mr. Brass, a student rooming in the small room over the entrance to the west ward. He awoke choking with smoke and rushed to all the rooms in the ward and pounded vigorously on the doors to awake his fellow students. When the second and third floor boys got out of their rooms the smoke was so dense and coming up the stairway in such volumes, that they had to flee to the fire escapes for safety. Those rooming on the first floor were able to save part of their goods. After waking the occupants of his ward Mr. Brass went to the basement and with a pail of water supposed he had put out the fire before the fire company arrived.

The night watchman, Mr. Fox, had passed the building just thirty minutes before the alarm was given. When the first cry was raised he was at the bath house and ran immediately to the hall. He entered the basement and discovered the fire in the ceiling of the passageway to the Hesperian rooms. The boys in the west ward at that time had been aroused, and the smoke was so dense on the second and third floors that he could not enter. He immediately awoke all of the occupants of the middle and east wards. A few minutes later he returned to these rooms to make sure that all were up, but found one boy fast asleep again. Secretary Brown, President Snyder, and other members of the faculty were on the grounds immediately after the alarm was given. Very little excitement was manifested by any one. The fire company, under the direction of Mr. Gunson, worked like old veterans. Each man stood at his post to the last and obeyed orders. This meant a great deal to some of the young men, who in so doing realized that everything in their rooms would be lost. By deserting their posts for a few minutes they could have saved some of their personal effects.

An old ventilating system connecting all the rooms by air ducts along the floors to flues extending up the wall to the attic seems to have been the means of the fire spreading so rapidly. While the fire was not visible at first, it is apparent that it extended perhaps to

the attic before the alarm was given and under these conditions there was no possible way to reach it. The attic was high and filled with dry pine timbers and the slate roof with its steep pitch made it impossible to attack it from the outside.

While every precaution was taken to make the risk of life as small as possible, yet there were many chances taken. One hundred and twenty-five people sleeping in a building, part of which is honeycombed with fire, and all escape without injury is rare good fortune. It is not, however, due to good luck alone. Last November orders were issued that the inspector in each ward make every student thoroughly familiar with the fire escapes so that he could reach it at any time and under any conditions. Every student seemed to be able to feel his way through the smoke when it was so dense that one young man nearly fell through the window in trying to find it.

It makes one almost shudder when he thinks that this building was without fire escapes until five years ago. While the fire company was unable to save the building, it is gratifying to know that it was in excellent working condition and that it did as much as any fire company could have done under like conditions. Had the hydrants been frozen, a hose broken or the pump failed to work, we might have thought that such a mishap caused the loss of the building; but within six or seven minutes after the alarm was given two streams of water with excellent pressure were playing upon the fire. This work was under the direction of a cool headed man who had studied the business and knew what he was about. The young men having charge of both hose had been drilled regularly three times a week during the year and some of them for several years. They certainly had everything in excellent condition and did splendid work.

The cause of the fire is unknown. It was thought at first that it might have originated from an open fire place in the Hesperian rooms. The Hesperian boys were in their rooms until eleven o'clock Friday evening preparing for a party. They allowed their fire to die out early in the evening and later lifted their ashes and emptied them outside of the building. The fire when seen first was twelve or fifteen feet from this fireplace with a brick wall intervening. It is possible that the fire may have originated higher up in the partition and dropped down and burned through into the basement. As there was no smoke in the club rooms on the opposite side of the partition, it is not likely that it originated from that source. A careful investigation will be made and if possible the cause determined.

FUTURE PLANS.

There has been but little time to determine plans for the future. It is very probable, however, that the legislature will grant the funds necessary to erect another dormitory at once.

ALUMNI.

'65-'67.

A. J. Pierce writing from Grand Forks, N. D., states that they are having a spell of rather cool weather just now—20 to 30 below zero and not half trying. Not much snow—sleighting in spots. Mr. Pierce makes favorable mention of our Prohibition Club and states that he would be glad to learn more concerning the death of Mr. Beasley who was at one time a classmate of his. He has the following to say concerning Mr. Beasley: "One incident of his college life has left an indelible impression on my mind. It was at class rhetoricals, Mr. Beasley recited that blood-curdling poem of Matthew Gregory Lewis, 'Alonzo the Brave and the Fair Imogene.' His impressive rendering of that weird ballad struck my youthful fancy. So I soon had it committed to memory and have since recited it many times, but always with a consciousness that my effort was no match to the pattern set by my chum George F."

'85.

T. D. Hinebauch, of Tower City, N. D., visited the College Feb. 10 and 11. For a number of years he held the position of veterinarian to the North Dakota experiment station and also occupied the chair of veterinary science. Dr. Hinebauch is now devoting his time to his farming interests, which have become quite extensive, the farm embracing over 800 acres. He is an enthusiast on the subject of grain and stock raising.

Dr. Hinebauch states that with his knowledge of veterinary science and its application on the farm that he would recommend all who intend to make farming their life work, to take one year at a veterinary college. The west he believes to be more prosperous, its farmers more wide-awake and the method used in farming away in advance of those in this section. Many of the farmers there are graduates of agricultural colleges and universities, depending for their success more on brain than hand work. The North Dakota Grain Growers' and Stockmen's Association meets at Fargo the second week in January and is attended by a large number of farmers and stockmen. It continues for four days, meeting in the opera house. Although the building accommodates from 1,000 to 1,200 persons it is often much too small to accommodate the crowds that attend. Institutes are held throughout the state, and these are always well attended and are very enthusiastic.

Geo. McMullen, '04, spent a day or two with College friends the past week.

It is well known that the state does not carry insurance on its buildings. By this policy it has saved enough in premiums on the buildings of the College to erect a new dormitory.

THE M. A. C. RECORD.

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COLLEGE YEAR BY THE
MICHIGAN STATE AGRICULTURAL COLLEGE

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TUESDAY, FEB. 14, 1905.

WE HAVE wondered for some time how best to remind the students that items of interest for the RECORD would be gratefully received. A suggestion was made recently, which we have carried out, and hope by the method to receive each week something for publication. Five galvanized iron boxes have been made and placed one in each of the dormitories and one in College Hall. Those in the dormitories have been placed by the side of the mail boxes where they can be gotten at easily and will be where they can be seen by those having letters to mail, thereby serving as a reminder that the RECORD is after news. The box will be labelled "Record" so you cannot mistake it for a waste basket,—we have one of those in the office.

We believe there is no better medium for creating good feeling (commonly known as college spirit) among students and college people generally than the college paper. The paper will serve this purpose just so far as those interested in old M. A. C. will, when something is to be said, speak out so that all may hear. When you hear of something which you believe would be of interest to a number of readers, use the box. Has an interesting article been read by some student before a literary society?—let us have it. We may not be able to use it all, but will do our best. Have you a thought on some phase of college life or work?—write a pointed paragraph and drop in the box. One thing more,—Do not forget to sign all articles when they are to be placed in these boxes. Unless it be a report of some of the usual club meetings, such as Engineering, Farmers, Debating, etc., we cannot use the article unless full signature of the article appears. The name need not be published, of course, unless so desired, but we must ask that the same be given. Use the Box.

M. A. C. FORESTERS.

On Tuesday evening last Mr. F. J. Phillips addressed the M. A. C. Foresters in an entertaining and instructive manner.

He said that the lumbermen of the northwest were becoming convinced that harvesting the present

crop would be much more profitable by employing scientific methods than by the wasteful and short-sighted ways of the common lumberman. He is convinced that such companies, now that they can see the end of the present crop, would soon be calling for men trained in forestry. He told of the massive size, great age, and magnificent but graceful form of the mammoth trees of the northwest. Timber cruisers from the east, who are accustomed to see from five to fifteen thousand feet per acre, were dumb-founded when they saw large tracts that would cut from 70 to 100 thousand feet per acre. He also mentioned some interesting facts in regard to the life one may lead in the field and emphatically asserted that a man should have good moral habits well fixed before he went into the field and then live up to them. He had seen in others the folly of living without restraint.

OPEN HOUSE.

The open house at the Women's Building on Friday evening was enjoyed by about 200 guests, who had assembled for a jolly good time, and judging from the comments made the affair was a success in every way. It being a valentine party, the room was decorated with red hearts. A character was pinned upon each guest and a lively guessing contest took place as to what the character might represent. Music and games were also enjoyed, and when the hour for leaving came all felt that it had been an evening well spent.

Another open house will be given on next Friday evening, this being the third Friday of the month.

Y. W. C. A.

The topic for last week was, "Using the Sabbath." Ways in which we may use it to gain strength and to help others, also some dangers that threaten our Sabbath were brought out by the leader, Cora Feldcamp.

FARMERS' CLUB.

The question of intensive farming (its future) was discussed at the meeting last Tuesday evening. Mr. C. A. Willson introduced the question with a very interesting and instructive paper. He defined intensive farming as the use of brains and business methods in the management of a farm, and then showed by some examples how better methods could be applied and forecast the future, pressing the importance of the question to each and every one.

The discussion was enthusiastic and the general sentiment was that if it was possible, the present generation of young men would make "two blades of grass grow where only one grew before" by adopting intensive farming as their method, as opposed to that of extensive farming which too often has characterized numbers in the past.

Remember the Club meets every week, and note the subjects on your program or in a previous issue of the RECORD.

HORT. CLUB.

The M. A. C. Hort. Club met in the horticultural building last Wednesday evening with a large attendance. Mr. C. E. Bassett, of Fenn-

ville, a very successful fruit grower and secretary of the state and national Horticultural Society, gave a very interesting talk before the local club on "Co-operation in Marketing Fruits." His talk was very practical in every respect in that he showed how his association alone was able to reduce the rate from Fennville to Chicago from 25 to 20 cents per hundred weight with promise of a better rate this coming season.

Mr. Robinson, who was to address the club last Wednesday evening on fertilizers, will give his talk this coming Wednesday evening.

ATHLETICS.

M. A. C. 30—D. A. C. 39.

M. A. C. put up a strong game against the big D. A. C. team on last Friday and the latter had to admit that it was the hardest contest of the season for them—a better game than Yale put up some time ago. The number of baskets from field secured by each was the same and the game was won on fouls. We quote from the Tribune of Saturday which gives a very full statement of the game:

"The game in the first half was very close, each team scoring five field baskets. M. A. C. showed a tendency to rough, and this cost her eight points in the first half. The first half ended 18 to 14 in D. A. C.'s favor.

At the opening of the second period and for 10 minutes thereafter D. A. C. went with a rush and things looked as though the Farmers had gone back. Mazer got eight points on foul in a few minutes, and also affixed three field baskets before the Farmers broke into the tallying. When they did start they came fast and Krehl looped for three, Shafer got a dandy from the side line, and Tuttle added two more. The score for the second half was: D. A. C. 21, M. A. C. 16.

For the visitors, Krehl was the brilliant star and made good his reputation of a wonderful basket thrower. Mazer for D. A. C. was in the lime light all through and Shinnick garnered a beauty from off the side.

To sum up the contest, it was the fouling on the part of the Aggies that cost them the game. Both teams made 11 baskets from the field, but D. A. C. added 17 points on foul to 7 for the Farmers.

The teams lined up as follows:

D. A. C.—Shinnick and Richards, forwards; Lundy, center; Lidington and Mazer, guards.

M. A. C.—Shafer and Krehl, forwards; Wessels, center; Bauld and Tuttle, guards.

Baskets from field—Shinnick 4, Richards 1, Lundy 3, Mazer 3, Shafer 1, Krehl 6, Wessels 1, Tuttle 3. Baskets from fouls—Mazer 17, Krehl 7. Final score—D. A. C. 39, M. A. C. 30. Time of halves—20 minutes. Referee—Cooper. Umpire—Graham.

The class game between the juniors and seniors resulted in a victory for the juniors by the decisive score of 22 to 4. The junior players were all in the game from start to finish and some excellent team work was also exhibited by them. The final game for the championship will be played next Saturday afternoon between the freshmen and juniors and will no doubt be a very interesting one.

The sports advertised to come off

last Saturday were postponed until next Saturday at 3:00 p. m.

The department is planning on a first class entertainment to be given on Feb. 22 which will consist of a gymnastic and athletic exhibition. Much time is being spent in the preparation of this entertainment, a program of which will be given in next week's RECORD. Everyone should make arrangements to be on hand on the date named.

Following is an itemized account of receipts and expenditures of the games played at M. A. C. the past year.

Receipts	BASKET BALL	Expense
\$31.25	Chicago	\$30.00
8.50	Alma	28.95
3.50	Ypsilanti	35.00
11.75	Grand Rapids	26.80
	TRACK	
25.75	Alma	27.00
	BASEBALL	
8.20	Howell H. S.	18.81
24.00	Detroit	50.00
246.45	Michigan	106.65
30.80	Olivet	32.75
49.40	Hillsdale	53.68
42.65	Alma	36.68
62.25	Kalamazoo	58.40
145.95	Wisconsin	101.23
401.94	Olds Mobile	185.87
108.85	Toronto	82.92
Rain	Albion	30.90
	FOOTBALL	
31.00	Flint	36.91
144.90	Ohio	126.75
40.25	Hillsdale	54.00
139.35	All Fresh	81.70
72.70	Alma	58.50
144.25	Kazoo	156.50
	FIELD-DAY	
263.48	M. A. C. share	
	Medal Tax	165.75
	Baseball Team	56.55
	Track "	86.58
	Tennis "	15.15

It would seem at first sight that the expenses were greater than the receipts, but it has been the policy of the department to put the surplus into supplies and permanent improvements. The season was, in fact, a very successful one as the added improvements would indicate.

SENIOR ENGINEERING SOCIETY.

The discussions following the papers read at the Senior Engineering Society last Wednesday evening would have done credit to the Mechanical Engineering Society. Several members of the teaching force had accepted the general invitation to attend and their talks and questions added greatly to the interest of the meeting. The papers were practical in every respect and it is well worth one's time to at least endeavor to keep abreast with general engineering work of today by being present.

J. P. Haftenkamp gave a talk on the construction and problems met with in the construction of the big cement bridge built last summer at Grand Rapids. F. L. Johnson spoke on the "Circulation of Water in Boilers." His talk applied more particularly to water tube boilers and gave an easy and practical method of determining the horsepower of boilers of such type. W. C. Straud read a paper on the "Electric Locomotive" and its present use in and about New York City. Wednesday evening H. S. Hunt will talk on the "Control of the Nile," and S. Hinds will give a paper on the "Heating and Ventilation of the Minnesota Capitol."

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ABOUT THE CAMPUS.

President Snyder was in Ann Arbor on Friday of last week.

Miss Alice Earle is confined to her home in the Terrace with rheumatism.

Miss Carpenter will do institute work at Cassopolis and Pontiac this week.

Lost.—Three keys on plain key ring. Finder please leave at Secretary's office.

Prof. Shaw attends institutes at Salem, February 15, and Pontiac, February 16.

The Round Up Institute program in our last issue should have been dated Feb. 28 to March 3.

All companies will drill the remainder of this term, each company drilling one night each week.

Miss Sadie Saltmarsh who has been ill for several weeks is now slowly regaining her health.

Prof. Taft is in Grand Rapids today, where he speaks before the Grand Rapids Horticultural Society.

Prof. Jeffery will be in Ionia, February 16-17, where he has charge of an institute and acts as judge of corn.

Prof. King was called to his old home in New York State last Saturday on account of the death of his father. He returns tonight.

The *Michigan Farm and Live Stock Journal* of Feb. 10 presents two views of College Victoria C., a dual purpose shorthorn cow owned by the College.

The M. A. C. Foresters meet this Tuesday evening at the residence of Prof. Bogue on the Delta. Mr. Talladay and Mr. Robson will present papers.

Several members of the grocerymen's association visited the College the past week and were much pleased with the surroundings, especially the new tunnel.

C. B. Cook, '88, has an interesting article in the last issue of the Michigan Farmer on "General vs. Special Farming—Which is Best Adapted to Michigan Agriculture?"

A young man arrived from Mexico on Friday of last week who is seeking a place to study agriculture. He does not speak English very fluently. His name is Jesus Loera.

The State Board of Agriculture held a meeting in the Board Rooms at the College on Feb. 8. Those present were President Monroe, Messrs. Graham, Buskirk, Marston, and President Snyder.

The work of drilling the new well has been completed and the connections will soon be made. The well is practically 300 feet deep and the water rises to within a few feet of the surface of the ground.

W. O. Thompson, '04, who has been employed at the Olds Motor works for some time, had the misfortune to break his right leg just above the ankle Friday of last week. Dr. Bauch reduced the fracture.

Corporal Finlay of Co. D, 17th Infantry, who was on his way home from service in the Philippines,

stopped for a short visit with his sister, Anna Finlay, on Wednesday, February 8, '05.

A. Hendrick, sp. left college last week and will not probably return this year. His address is Kingston, Mich.

Several cameras were kept busy at the fire Saturday morning and we hope to be able to present to our alumni readers a half tone showing how Wells Hall looked "after taking" as well as before.

The freshman knows not and knows not that he knows not; the sophomore knows not and knows that he knows not; the junior knows and knows not that he knows; the senior knows and knows that he knows.

The College authorities are certainly very grateful to those friends in the city who sent messages of sympathy and offers of accommodation for the students who were left without a place to stay as a result of the fire Saturday morning.

Three sleigh loads of seniors, or about 30 couple, left the college Saturday at 3:00 p. m., and after a fine ride of several miles drove to the Palace Restaurant about five o'clock where a bounteous supper was partaken of. From here the party drove to the K. O. T. M. hall and danced until 9:15. The day was an ideal one for the ride and the afternoon and evening thus spent will long be remembered as a jolly, good time by those who made up the party. Dr. and Mrs. Waterman acted as chaperones.

The annual reunion of the M. A. C. Alumni Association of Washington, was held Friday evening, Feb. 3rd, at the home of Mr. and Mrs. Jas. H. Tibbitts, 118 5th st. N. E. About thirty members of the Association and friends were present, and all enjoyed an unusually pleasant evening. This was the first time that the reunion has been held at the home of one of the members of the association, and everybody thoroughly enjoyed the digression. Mr. Roy Stannard Baker was present at the meeting and favored the association with a short talk relative to his work and his connections with the Agricultural College. Others present were Mr. A. Adelman, Mr. Geo. Chadsey, Mr. and Mrs. D. J. Crosby, Mr. M. A. Crosby, Mr. and Mrs. L. H. Dewey, Mrs. S. H. Fulton, Mr. and Mrs. W. D. Groesbeck, Miss Florence Hedges, Mrs. Elva Hicks, Mr. and Mrs. C. L. Himebaugh, Miss M. R. Keller, Mr. H. W. Lawson, Mr. R. M. Lickley, Mr. W. J. Myers, Mr. Guy Mitchell, Mr. and Mrs. L. S. Munson, Mr. O. Meade, Mr. J. H. A. Schreiber, Mr. W. F. Staley, Mr. W. W. Tracy, Jr., Mr. and Mrs. W. A. Taylor, Mr. W. F. Wight and Prof. and Mrs. C. F. Wheeler. The following officers were elected for the coming year: President, Mr. D. J. Crosby; 1st vice president, Mr. H. W. Lawson; 2nd vice president, Mr. R. M. Lickley; secretary, Mr. L. S. Munson; treasurer, Mr. W. A. Taylor; executive committee, Messrs. H. W. Lawson, W. D. Groesbeck and W. F. Staley. L. S. MUNSON, Sec.

Y. M. C. A.

One of the best addresses the students of M. A. C. have enjoyed for a long time was given by Pres. E. G. Lancaster last Sunday evening in the chapel. His talk on "Christianity as a Life" held the most intense interest of a chapel full of students and faculty during his whole discourse. The most convincing proofs were brought forth to prove every point of his argument that Christianity is a life and not a belief. The faculty and students of M. A. C. congratulate Olivet on securing the services of such a man.

Miss C. C. Ford, Jas. Fisk, E. P. Robinson and Sec. F. R. Hurst will represent M. A. C. at the state convention in Battle Creek, Wednesday and Thursday of this week.

Mr. A. A. Fisk conducted the Thursday evening meeting, ably developing the subject, "Personal Sacrifice," as shown in Jno. XV.

The last of the short course Bible lectures will be given by Pres. Snyder in the Y. M. C. A. room Sunday at 2:30. Prof. Weil, in his talk last Sunday, brought out very forcibly the idea that it is the desire back of the crime that is the real guilt. He quoted from W. W. Atkinson, "The gist of a crime is in its desire," and showed that it is the universe of desire that is to be looked at and not the petty desires. It is certain that everyone present carried away some new ideas well worth remembering.

Rev. R. C. Dodds preached in chapel Sunday morning.

DEBATING CLUB.

At the last meeting of the club the following question was discussed: Resolved, That a bill should be passed by the Michigan legislature adopting capital punishment. The affirmative speakers were R. F. Bell and L. J. Smith. The negative speakers were H. C. Owen and F. S. Dunks, and succeeded in winning the debate. Prof. Gunson acted as critic, and clearly showed how the speakers could present better and more forcible arguments.

The question for next Thursday night will be, Resolved, That fraternities other than scholarship fraternities as they exist in Michigan colleges today are detrimental to good scholarship. Every one is invited to attend and profit by these meetings.

Comparative Statement of Secretary-Treasurer for M. A. C. Sunday School for 1902-'03-'04.

	RECEIPTS, 1902	1903	1904
Class Collection for year	\$35 92	\$31 41	\$35 83
Add Easter Collection	2 19	1 61	3 14
" Children's Day Collection	2 58	1 62	1 84
" Special Collection for State S. S. work			5 67
" Home Department Contributions			4 21
From Primary Class for purchase of Testaments		80	15
From Socials for Christmas purposes	13 23		
From Friends of School for Christmas		0 85	
From Sale of Christmas tree		50	
From Interest Bank Acct		29	
Jan 1st, Cash on hand		13 85	2 33
Total Receipts	\$53 92	\$56 93	\$50 84
	PAYMENTS, 1902	1903	1904
For General S. S. Supplies	\$20 74	\$34 33	\$28 19
" Money Orders and postage		07	97
For Christmas Entertainment	13 23	5 85	
For Testaments for Primary Class		1 89	

For S. S. Worker for one Year	25		
For Expenses of Delegate to Convention	20	45	99
For purchase of School Organ	2 25		
For Song Books		6 20	
" Curtains		80	1 52
" Chairs			3 71
" Printing Easter Cards		2 00	
" Plants, Easter Gifts		30	
" Flowers to Sick			65
" State and County S. School Work	1 00	1 50	5 67
For Missions	2 58		
Dec. 31, Balance on hand,	\$40 07	\$54 60	\$41 83
	13 85	2 33	9 01
	\$53 92	\$56 93	\$50 84
1902, No. Sessions of Sunday School, 52. Average attendance per Sunday, 40. Average collection per Sunday, 78c.			
1903, No. sessions of Sunday school, 45. Average attendance per Sunday, 38. Average collection per Sunday, 86c.			
1904, No. sessions of Sunday school, 38. Average attendance per Sunday, 41½. Average collection per Sunday, \$1.16½.			

*Does not include Home Department contribution.
Respectfully submitted,
CHAS. H. HINE,
Sec. and Treas.

Jan. 1, 1905.

The weather conditions for the month of January are shown in the following summary taken from the observers meteorological record.

Date	Temperature maxi- mum	mini- mum	Amount Rainfall or Snow	Prevailing Wind Direction	Character of Day.
1	49	32			
2	43	18	1.5		
3	17	5			
4	25	4	5.0		
5	23	18			
6	24	19		N. W.	Cloudy
7	25	18		W.	"
8	23	12	1.0	N. E.	"
9	28	3		N. E.	"
10	18	4		S. E.	Fair
11	32	10		W.	Cloudy
12	35	19		N. W.	"
13	25	14		W.	Fair
14	15	7		W.	Cloudy
15	16	2		W.	"
16	21	15		W.	"
17	28	13		S. W.	Fair
18	35	22		S. W.	Cloudy
19	34	22		S. W.	Fair
20	38	20		N.	"
21	28	14	2.0	N. W.	"
22	19	18		S. E.	"
23	21	2	1.25	W.	Cloudy
24	20	13		N.	"
25	12	3		W.	Fair
26	20	-1		W.	"
27	26	15		W.	Clear
28	22	0		S.	Fair
29	19	1		S. W.	Cloudy
30	19	-1		W.	Fair
31	26	10		N. W.	"

103.

Chas. H. Hine a student in the Beet Sugar Course, 1903, writes from Sugarland, Tex., stating something of the work he has in hand. The firm has a 1000 ton cane mill and a 200 bbl. refinery. The plantation consists of some 15,000 acres, of which 8000 are in cane. Cane is also received from neighboring plantations. M. A. C. is well represented with Collier, La Port. Humphrey and Hin, and out of 12 chemists our Michigan boys lead as to accuracy and rapidity. No other two can do the amount of work La Port and Humphrey are doing. Mr. Hine is in charge of the general laboratory and the juice laboratory with five assistants under him.

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