### Eighteenth annual report of the trustees of the State Lunatic Hospital at Worcester. December, 1850.

### **Contributors**

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### EIGHTEENTH

### ANNUAL REPORT

OF

### THE TRUSTEES

OF THE

### STATE LUNATIC HOSPITAL,

AT WORCESTER.

DECEMBER, 1850.

BOSTON:

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### EIGHTEENTH ANNUAL REPORT

OF THE

### TRUSTEES OF THE STATE LUNATIC HOSPITAL.

DECEMBER, 1850.

To His Excellency the Governor and the Honorable Council:

THE Trustees of the State Lunatic Hospital respectfully submit their Eighteenth Annual Report.

From the accompanying report of the Superintendent, it appears that there were 429 patients in the Hospital at the commencement of the past year; that 241 patients were admitted and 229 discharged; that 670 persons thus became patients during the course of the year, and that 441 remained such at its close. The largest monthly average is shown to be 454, (in August,) and the average for the year, 440.

The number of admissions is not so large as during each of the two preceding years. The number of discharges is smaller. The number and also the proportion of deaths is larger than in any preceding year. The proportion of recoveries slightly exceeds the average of the entire term of seventeen years during which the Hospital has been in operation.

Of the number of patients at the close of the year, 181 are state paupers and 169 are foreigners. The statement of this fact discloses a recent and rapid change in the character of the institution, which should be duly regarded by the Legislature. As the institution advances in age, there is also, of necessity, a gradual accumulation of incurable cases, in which discharges cannot properly be granted. From the operation of these two causes, it is plain that, unless provision be made elsewhere, this Hospital, in a very few years, must be appropriated to the accommodation of the incurable and of state paupers, to the exclusion of almost all other patients.

As has been stated in former reports, the Hospital, with its successive enlargements, is fitted to accommodate not more than 375 patients. It is seen that during the year the Superintendent has been obliged to

provide, as well as he could, for upwards of 450 patients, and there is every reason to suppose that the number will continue to increase. The Trustees cannot recommend a further enlargement of the Hospital; but they deem it their duty to represent to the Legislature that no such institution can be conducted as it should be, if required, for any length of time, to receive more patients than can be suitably accommodated. If another Hospital should be established, they would respectfully suggest, that the important object of a classification of patients may be more satisfactorily accomplished than it can be under existing circumstances.

Except that it is overcrowded with patients, the Hospital is at this time in a particularly satisfactory condition. The Trustees are not aware of many important wants that remain to be supplied, as respects the state of the buildings and grounds, or of any change which should be made in the organization and administration of the government. The completion of the new strong rooms for males and females has accomplished all, which, as yet, seems to be practicable alike for the security and comfort of the violent insane. The construction of additional clothes-rooms, and the extension and improved arrangement of the fixtures in the laundry, have greatly facilitated the daily operations in one of the most important of the interior departments. The introduction of gas, if, at its present cost, it should not promote a diminution of expenditure, will undoubtedly prove, in other respects, the most advantageous mode of lighting such an establishment.

The Trustees resident in Worcester have had the opportunity of observing that the farm has been in all respects well managed, and the results are fully exhibited in the Superintendent's report. It now contains what is deemed a sufficient quantity of land; and if it be not and cannot be made a source of great profit, it is far from being a pecuniary burden, while it affords many conveniences and advantages which experience constantly proves to be of great importance to a hospital for the insane.

It has been an object of the Trustees, during the past year, to devote a portion of the surplus earnings which had accumulated in the treasury, to the commencement of some necessary repairs both within and without the buildings. A good deal of work has been done in a thorough manner under the supervision of the Superintendent, as is shown in his report; and, with a continuance of this policy for the few next years, the buildings and grounds may be placed in a more permanent good condition than has heretofore been aimed at.

The Treasurer's report will show that the receipts and expenditures

for the year have been nearly equal, the balance in the treasury at the close of the year but slightly exceeding the balance at its commencement. This balance must be materially reduced in providing for the repairs which are contemplated; but, in view of contingencies always liable to occur, it is deemed important that it should not be exhausted.

The rate of board of patients, as charged during the last, and established for the next year, is \$2.25 per week,—a rate as low as is consistent with a proper regard to comfortable accommodation and the supply of good food, and which can only be maintained by the most judicious and economical management on the part of the Superintendent.

The awful calamity which has recently occurred at the Insane Hospital in Maine, makes it proper that the Trustees should represent to the Legislature the means of guarding against and of escaping from the dangers of fire, which are provided at this Hospital.

The Hospital establishment is so remote from other buildings that there is no risk of fire unless it should originate upon its own premises. It is scarcely possible that a fire should commence in any of the outbuildings in the day-time, and at night no fires are kept there, and the only lights used are lanterns of the safest construction, which are entrusted exclusively to careful attendants. Within the main buildings no fires are kindled except in the furnaces placed in the basement, in the cooking ranges in the kitchen, and in a few stoves in the central building, in apartments occupied by officers. The cooking ranges, while they are in use, are under the supervision of attendants, and they are so constructed and managed that they cannot be considered as at all dangerous. There are fifteen furnaces; and, upon a recent reëxamination, careful mechanics could not discover any cause of danger, arising from their construction, location, or present want of repair. There is no wood-work of any description which is connected with the furnaces, or the smoke and warm-air flues proceeding therefrom. All the interior partitions in the halls, occupied by the patients, are of brick, and have been plastered without the use of any wooden furrings or laths. The furnace flues are built in connection with these partitions, and, like them, are composed entirely of brick, plastered on both sides. The halls are now lighted with oil or gas, and, in a short time, will be lighted exclusively with the latter. No lights are carried about the house excepting lanterns, and these always in the hands of officers or attendants. All lights, except in the apartments occupied by officers, and in rooms of the sick under the care of attendants, are regularly extinguished at an early hour in the evening;

and, as soon as the lights are extinguished, the watchman commences his nightly patrol, and is required during the night to visit every furnace three or four times, and to perform such a course of examination, both inside and outside of the buildings, that it would seem that he must be seasonably apprized of any cause of danger.

If, however, under circumstances not foreseen, a fire should break out in any part of the buildings, all ordinary, and some extraordinary, means have been provided, for promptly arresting it; and it is believed that, in any supposable case, it will not be difficult to put out a fire, in whatever part of the Hospital, with very little delay after it is discovered.

In various modes an inexhaustible supply of water may be availed of, and it is scarcely possible that it should be cut off. Besides a rainwater cistern of more than 2,000 gallons, near the central building, and a large well by the side of the south wing, an iron aqueduct, leading from a reservoir supplied by springs and elevated more than a hundred feet above the site of the Hospital, has been conducted within the premises, and is made to keep constantly filled six cisterns, each of the capacity of 400 gallons, which are placed at intervals in the attic story, and can be easily reached in several directions. If a fire should commence anywhere upon the inside in the vicinity of the roof, an abundance of water may be at once obtained from these cisterns for the purpose of extinguishing it. Water from this aqueduct is also conveyed in pipes into every part of the Hospital, and is delivered by taps and faucets in every hall, so that each attendant can have immediate access to it.

In addition to the Hospital aqueduct, a branch of the city aqueduct, proceeding from a reservoir of still greater elevation and capacity, has been brought near the eastern entrance, and a hydrant, connected with it, occupies a convenient position not far distant from the central building. A hose is fitted to this hydrant, of sufficient length to be so placed that it will throw a large volume of water upon any part of the roof of even the most remote wing. The management of the hose, as connected with the hydrant, is entrusted to a portion of the subordinate officers and attendants, who are specially detailed for this duty, and are regularly trained, by formal practice at least once a month, to the efficient performance of it. It is expected of the hose-men, as soon as an alarm of fire is given, to get out the hose-cart immediately, and to connect the hose with the hydrant; and they are to remain in readiness to operate the hose in any direction, at the instant of receiving an order from the Superintendent. If every other resource should

fail, it would seem that the use of the hose alone might be sufficient to put out a fire anywhere, even after it should have made considerable progress. Its working power is much superior to that of any engine, and a much smaller amount of labor is sufficient to manage it.

The Hospital is thus shown to possess within itself ample means of protection against fire. But it is not required to rely upon itself alone. Although sufficiently removed from other buildings to be in no danger from a fire originating elsewhere, it is still situated near the centre of the city of Worcester, and can always command, at the shortest notice, the services of a numerous and efficient fire department, with its engines, ladders, and other apparatus, as well also as the active services of a large population, no where exceeded in skill, energy, and public spirit. Suction engines may be at once attached to the city hydrants in front of the Hospital, and a sufficient quantity of hose will always be in readiness to conduct water from that direction to any and all parts of the establishment.

With such a variety of resources at command, the Trustees have come to the conclusion that no reasonable apprehension can be entertained of the security of this Hospital against fire. If a fire should occur and make extensive progress, it would in most cases be practicable, with judicious arrangements on the part of the officers, to remove the patients and prevent the loss of life. The Superintendent has carefully considered supposable contingencies, and, as far as possible, is prepared to overcome all difficulties which can be anticipated.

The report of the Superintendent will enable the Legislature and the public to understand,-in respect even to the most minute details,-in what manner and with what success the administration of the Hospital has been conducted by Dr. Chandler. The Trustees are unanimous in expressing their entire satisfaction with his discharge of the very arduous duties that have devolved upon him. That the health and comfort of the patients have been in all respects provided for; that the medical treatment has been judicious and skilful; that quiet and good order have been steadily maintained; that the most exact regularity has been enforced in every department; and that the expenditures have been in all respects sufficiently economical, the Trustees entertain not the slightest doubt. They have not received a complaint of neglect or mismanagement from any quarter; and the relations between the Superintendent and subordinate officers, and between both of them and the patients, are manifestly such as indicate the prevalence of mutual respect and good will, and of more than usual readiness to sympathize and cooperate with each other. The Trustees

are satisfied that the subordinate officers generally deserve the commendation which is bestowed upon them by the Superintendent.

It deserves also to be stated, in this connection, that the relations between the Hospital and the citizens of Worcester continue to be, as they have always been, entirely amicable and harmonious. The patients, as they pass through the streets, seldom suffer any annoyance, or are treated otherwise than with courtesy and kindness; there are no attempts to commit trespasses or make disturbances within the Hospital enclosures; and many proofs are afforded of the deep interest which is generally felt in the success of the institution, and the welfare of its inmates.

This Hospital has been in successful operation for the period of eighteen years. Not less than 3,598 patients have been admitted; 366 have died; 6 have eloped; 1,691 have been "discharged recovered;" 456 have been "discharged improved;" and 648, "not improved," and for the most part incurable, have been sent away to be taken care of by their friends, or in county asylums, or town almshouses, either upon the application of those interested in their welfare or liable for their support, or because the Trustees found it necessary to direct their removal as the only means of making room for other patients entitled to admission, and who might prove to be "curable." Of the whole number received into the Hospital, 2,445 have been committed by order of the courts, and 1,153 have been taken as private boarders. It will be seen upon referring to the tables, that the proportion of the sexes has been singularly equal, alike in respect to the number of admissions, the number of discharges, and the number of recoveries. The number of "single" patients is also shown to be just about equal to the number of those who were at the time or had been married. In point of age, there have been during almost every year a few patients upwards of 70, and occasionally some upwards of 80 years old; a small number, averaging, of late, from 15 to 20 annually, under 20 years of age; while the large remainder is variously distributed amongst intervening periods, the principal part appearing to have been between 20 and 50 years of age. Of the whole number of deaths, 17 have been caused by suicide, and 349 by the several diseases which are specified in Table 13, included in the Superintendent's Report. The causes of the insanity of patients for the term of 18 years are carefully detailed in Tables 7 and 8, and the average annual number of cases attributable to the more prominent causes is shown in Table 15. It is gratifying to perceive that the proportion of cases produced by intemperance and vice has been strikingly diminished during the last few years.

The total amount of "current expenses" for eighteen years, is \$544,967 52, averaging \$118 75 annually for each patient. Under this head are included all expenses paid for the support of the Hospital, with the exception of what have been defrayed by special appropriations made by the Legislature for the purchase of land and the erection of buildings, and the payment of the salaries of Superintendent, one Assistant Physician, Treasurer, Steward and Matron. To compare the last year with the first, the amount of expenditure has increased from \$12,272 91 to \$46,776 13, while the average number of patients has advanced from 107 to 440.

The several visitations required by law,—monthly, semi-annual and annual,—have been performed by the Board, and the usual record has been made of them.\*

The Hospital has been fortunately, thus far, under the charge of but two superintendents. The death of Dr. WOODWARD, which occured during the last year, is properly referred to in the report of Dr. Chandler. The fidelity of friendship is not more conspicuous than the love of truth and an accurate discrimination of character in the tribute which is therein recorded to the memory of one of the best of men. This Hospital may henceforth be regarded, and, by the grateful hearts of a long succession of trustees, officers and patients, it will be always recognized, as the Woodward Monument. The evidence of what he was and what he did for the institution is indelibly inscribed upon all its buildings and all its grounds. The influence of his presence is still felt in every ward, in every workshop, in the office, the chapel, the kitchen, the laundry, the garden, and the fields. The benediction of his smile is scarcely yet withdrawn from the gloomiest cell; while the results of his judicious arrangements, and the manifold proofs of his practical wisdom, are and must long continue to be everywhere discernible. In the connection in which the subject is now introduced, the Trustees are prompted to acknowledge that he performed one of his most important benefactions to the Hospital in training for its service a worthy successor.†

\* A large part of the time and labor necessary for this purpose is exacted of the resident members of the Board; and it well becomes their associates, in reference to this and many other duties, to concur with the Superintendent in making a due acknowledgment of the cheerfulness with which they assumed their greatly disproportionate share of the burthens of the past year, and of the remarkable fidelity with which they discharged all the trusts devolving upon them.

S. C. P.

W. A. E. H. K.

<sup>†</sup> The following extract from the Record of the Monthly Visitation, immediately succeeding the death of Dr. Woodward, is a "memorial" such as might be expected from a former

The Superintendent has seen fit to refer in respectful terms to the successive Boards of Trustees with whom he has been officially connected, and especially to commemorate the merits and services of those members who have ceased to be among the living. As the entire catalogue of Trustees is exhibited in the annual report, it is shown to

member of the Board of Trustees, than whom none knew Dr. Woodward more thoroughly, or had cooperated with him more efficiently in the service of the Hospital:—

" January 7, 1850.

"It is proper that this record should contain a memorial of a recent event of Providence, which deeply interests the feelings, not only of all concerned in the administration of this Hospital and of all who are or have been recipients of its benefits, but of the friends of the insane within this Commonwealth, and throughout and beyond the extent of our country.

"On the 3d inst. at 6 o'clock, P. M., Hon. Samuel Bayard Woodward, the first Superintendent of this Hospital, died at his residence at Northampton. For several weeks he had suffered successive attacks of the severely painful disease which affected him while at the Hospital. By these attacks, it is understood that his constitution seemed to be so impaired, that a restoration to his former health was not confidently expected; but the immediate cause of his death was found to be the rupture of an aneurism of the aorta, just above the

diaphragm.

"Dr. Woodward was born at Torringford, Conn., on the 10th of June, 1787. In early life he established an extensive medical practice in Weathersfield, Conn., and the adjacent towns, with great success and reputation. In the year 1330, the confidence of his fellow-citizens called him to the civil service of his native State in the office of a member of the State Senate. He directed his studies to the subject of insanity, and had considerable experience in the treatment of mental disease before he was connected with this Hospital. He was appointed Superintendent on the 26th of September, 1832, before the Hospital was opened for patients, and continued in office till June 30th, 1846,-a term of nearly fourteen years,-in which he applied to his laborious duties all the powers of his body and his mind with little indulgence for social pleasure or domestic comfort, or even for the demands of exhausted nature or painful disease. At the date of his resignation, he had had charge in the Hospital of 2642 patients, of whom nearly all received perceptible benefit, and more than half the number should pray for blessings on him, as one who had raised them from death to life. The system of this Hospital was in many respects peculiar and new, and it was chiefly instituted by him. His example has always been recognized here as a perpetual presence by his worthy successor, who carries on the same good work with distinguished ability and success. His copious reports, which were appropriate to such an institution, and his occasional writings, gave him authority and wide-spread influence, and he had the happiness to see the fruits of his benevolent labors in other institutions established or improved in accordance with his wise suggestions, and in the progress of more correct opinions on the subject of insanity.

"For the important office of a superintendent of a hospital for the insane, Dr. Woodward had extraordinary qualifications in his person, his disposition and his mind. His person was a rare model of strength and manly beauty. On his brow sat courtesy and command in entire harmony, and it is no exaggeration to say, that his form and carriage were majestic. His stature was 6 feet  $2\frac{1}{4}$  inches, and, without the deformity of obesity, his weight was 260 pounds. His temper was benevolent, liberal, sanguine, decided, and persevering. He understood readily the characters of men, had great power over their feelings, and easily gained their confidence and love. He was prompt and systematic in business, and unsparing in labor. His mind was of a practical character. His powers of observation were vigilant and discriminating; and expression and life rather than books were the chosen sub-

have been the privilege of many distinguished citizens to share the labors and responsibilities, and therewith the peculiar satisfactions and even pleasures, inseparable from the office. Called upon, as they are, to act as the Christian representatives of the State government in relation to a class of citizens who can hope for nothing except from a government which recognizes Christian duties, appointed always in disregard of political and religious divisions, and subject, of course, to the influence of none other than the highest and purest motives, and the most interesting and agreeable associations, all who hold the office may congratulate themselves upon the true honor to which they have attained, as well as upon the opportunity of usefulness which is placed within their reach. The Superintendent has made a just acknowledgment of the extent to which this opportunity was improved by the deceased ex-members of the Board. Their memory is blessed by the labors which they performed in behalf of this institution, and their example remains for the guidance and encouragement of all successors. As, under the salutary operation of the peculiar organization of the Board, each member in his turn is expected to retire from this important sphere of duty, it is gratifying to reflect that he may always carry away with him the assurance, that, whatever service has been faithfully undertaken here, cannot, through the kindness with which it is regarded, have been rendered in vain.

In conclusion, the Trustees earnestly commend a favorite institution of the people to the continued support of the Legislature. May the blessing of Heaven rest upon the Hospital, and upon all who are, or shall become, connected with it, as trustees, officers, attendants or patients; and may it prove to be the constant effect of the various

jects of his studies. Hence his thoughts had a freshness and confidence of truth, which carried them to the hearts of men. All that he learnt he kept in readiness for use, and he enforced his arguments with copious illustrations. His quick invention, under the control of sound judgment and common sense, gave him abundant resources for the many exigencies of his arduous office. His attention was not confined to the circle of his own pursuits. Being a watchful observer of the signs of the times, he was ready to give his sympathy and aid to such objects as he approved. He retired with a physical system wasted and disordered by the labors and anxieties, inseparable from his position here, to a beautiful estate at Northampton, where, for a time, he seemed to find the benefit which he sought. He had the care of several unfortunate victims of mental disease, and still continued his studies in the science in which he was so eminent, and was sought, for his wise counsels, in ordinary medieal practice, as he had been in all his industrious life. Highly blessed in his domestic relations and in the large circle of his friendship, prosperous in the great objects of his life, and beloved and honored in the world, he was called away, when the cup of his earthly happiness was full. While we mourn the loss of our friend and guide, strangers will unite their voices with ours to lament that the presence and example of the strong reaper has been removed, though the rich harvest of his good work remains."

(Signed) STEPHEN SALISBURY.

relations which are sustained here to promote the diffusion of benevolent sentiments, to facilitate the interchange of kind offices, to strengthen the ties of human brotherhood, and thus to contribute to the distinctive glory of Massachusetts as a Christian Commonwealth!

(Signed,)

STEPHEN C. PHILLIPS, WILLIAM APPLETON, LEVI LINCOLN, ENSIGN H. KELLOGG, JOHN S. C. KNOWLTON.

STATE LUNATIC HOSPITAL, 19th December, 1850.

598 69

59 18

299 62

### TREASURER'S REPORT.

To His Excellency the Governor, and the Honorable Executive Council of Massachusetts:

of Mas	sach	usetts					
The Treasurer of the State L presents the following Report on							aw,
The balance in the hands of the 'his last report, was Received within the year ending from the State, for the support	g N	ovemb	er 30	, 18	50,	\$14,134	28
from cities, towns and individual Received for articles sold, and	als,		oibo I			48,050	33
steward,						286	33
						\$62,470	94
The expenditures in the year er as follows:—	nding	Nove	ember	30,	185	00, have b	een
For salaries, wages and labor,						\$11,655	74
Improvements and repairs, .						3,303	56
Furniture, clothing, &c., .						3,268	04
Fuel-Wood, 626 cords, .			\$3,	028	54		
Coal, $222\frac{9}{20}$ tons, .			1,	532	40		
Charcoal, 2756 bushels,				323	25		
			_	-7	-	4,884	
Gas light, including pipes and ap	-	tus,				878	
Provisions—Flour, 573 barrels,						3,586	
Meal, 1,044 bushels,						781	
Rice, 3,105 pounds,							74
Biscuit,							
Potatoes, 1,796 bush							
Beans, 20 bushels,							
Apples, \$774 79;							
Butter, 24,737 pound	ds,					4,129	43

Cheese, 10,463 pounds,

Salt fish, 10,100 pounds, .

Lard, 730 pounds, .

Mackerel and halibut,	\$56 75
Fresh fish, 2,937 pounds,	88 14
Beef and pork, 67,035 pounds,	4,357 28
Salt pork and hams, 3,304 pounds,	262 50
Poultry, 799 pounds,	87 89
Molasses and syrup, 1,551 gallons,	428 43
Honey, 159 gallons,	93 80
Sugar, 22,512 pounds,	1,554 83
Tea, 1,615 pounds,	549 10
Coffee, 1,122 pounds,	491 38
Small groceries and fruits,	220 72
Vinegar and cider,	137 26
Salt,	44 22
Medical supplies, drugs, &c ,	364 93
Soap, \$109 52; lime, \$77 12; starch, \$29 80,	216 44
Stationary hooks fra	63 02
Freight of wood and other articles,	443 80
Straw, 46,700 pounds,	167 79
Trustees' expenses,	32 00
Music and clerk-hire, \$15 04; expenses of chaplain, \$29	92, 44 96
Expenses of officers in travelling on business of the	
Hospital, \$47 84; in recovering elopers, \$15 95, .	63 79
Postage,	32 04
Sexton's bills,	365 00
Removal of persons deceased, and charges placed to	
accounts of patients,	139 28
Six cows, \$198 50; oxen, \$90; bull, \$25; ten pigs, \$148	D. COTTO DE TROPINS
Damage for diverting water by aqueduct, paid Wm. Hove	CONTRACTOR OF THE PERSON OF TH
Zumago 101 dili omaga 1, -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	0260
	\$46,776 13
Balance, November 30th, 1850,	15,694 81
	\$62,470 94
Meal, 1,044 bushels, 781 93	
Of the appropriation for the construction of additional	
Strong Rooms in the Hospital, the balance on hand,	
November 30th, 1849, was	\$4,742 98
The expenditures of the year have been,	3,731 29
The belong the man and die	61 011 60
The balance unexpended is	\$1,011 69
Respectfully submitted,	

SAM'L JENNISON, TREASURER.

Worcester, Dec. 17, 1850.

### SUPERINTENDENT'S REPORT.

Eighteenth Annual Report of the Superintendent to the Trustees of the State Lunatic Hospital.

Gentlemen:—Another year of Hospital life has passed. Like those that preceded it, general prosperity and increasing numbers have marked its progress. Many of its details will be succinctly presented in this report. To sustain us in meeting and passing through the daily trials of our station, we have cherished an enduring faith that the Allwise Disposer of events would certainly crown well-directed efforts with success. Although many things have turned out differently from what we could have wished, the general result is all we dared to expect.

My assistants in the various departments of the institution have been competent to their duties and willing to afford all necessary aid in its management. When faithfully performed, their duties are sufficiently arduous and peculiarly trying to their patience. We have been fortunate in our selection of them from the many who have applied with the offer of their services. Their pecuniary compensation is not large, but the pleasure of doing good to our neighbor is, with many, one of the strongest incentives to action.

I am under great obligations of respect and gratitude to the present and former members of your Board, for their ready counsel and advice in the direction of the affairs of this Hospital. While the confidence you have seen fit to repose in my suggestions and opinions, in matters relating to this Hospital, has been encouraging to me, it has, at the same time, increased the weight of responsibility I feel in superintending this arduous trust. Those residing near this institution I call upon almost daily, with business relating to its inmates, the buildings, or its grounds. I have often been surprised to see with what cheerfulness business men can lay aside their own private engagements to attend gratuitously to that of the public. Whole days have been spent here in the duties of your office. The records show that this Hospital has, for eighteen years, been visited, and the visit recorded for every calendar month, by some member or members of your Board. While additions to the establishment, or improvements on an extensive scale were being made, -and such has been the case almost every year,your whole Board, or a majority of its members, have visited the Hospital several times during the year. From two to three hours is the shortest time in which you have been able to accomplish your monthly visits through the wards. It is a duty upon which the success and good repute of the institution very much depends, and should therefore be done. For this to them not always a pleasant duty, this State has thus far been fortunate in obtaining the gratuitous services of some of her best citizens.

Four of the former members of your Board have been taken from among the living. The Hon. Bezaleel Taft, Jr., of Uxbridge, the Hon. E. D. Bangs and William Lincoln, Esq., of Worcester, and the Hon. Daniel P. King, of Danvers. Mr. Taft was one of the commissioners for building, and did much towards erecting the original Hospital. He was faithful to his trust, for no addition to it, since, shows better material or more faithful workmanship. Now, after eighteen years of hard usage, his works here do praise him.

He assisted in locating and erecting the building, and in putting it in successful operation, and then watched its progress for one year, when his commission expired by law.

Mr. Bangs had just retired from the office of Secretary of this State when he entered upon the duties of Trustee. He was removed by death in 1838, a few months after his appointment, but not until his courtesy and attention to the duties of his office gave large promise of future usefulness.

Mr. Lincoln was a very attentive Trustee to all the duties. He urged the keeping of the various statistics of insanity, and, through his agency, the Meteorological Table was commenced at this Hospital. He died a few years after his commission expired.

Mr. King has just died. He was very much interested in this institution, and, while an officer, was attentive to its duties. He was chairman of your Board in 1843, and wrote the report of that year. Since that time, until his death, he took frequent opportunities of forwarding, for the use of our patients, valuable public documents which his position in Congress enabled him to obtain.

Since my last report an afflictive dispensation of Providence has occurred, which my feelings prompt me to notice here. Doct. Samuel Bayard Woodward, my predecessor in office, and, for more than nine years, my superior and instructor, died at his pleasant residence in Northampton, Mass., to which place he retired in July, 1846. Dr. Woodward died on the third of January, 1850, suddenly, of the rupture of a blood vessel just above the diaphragm. But he had, for several weeks, suffered severely from repeated attacks of the same disease that had for years afflicted him, and in consequence of which he

and his friends felt it to be his duty, to himself and his family, to retire from the service of this Hospital. The liver was found, on postmortem examination, to be the principal seat of organic disease. The acute attacks of pain in the bowels he had been afflicted with for years, resembling bilious colic, were probably caused by gall-stones passing through the gall-duct. In one of so keen susceptibility of the nervous system as he was, these attacks are exquisitely painful.

It was strongly hoped that relief from these dangerous attacks would follow the relinquishment of his arduous duties here. For six or eight years they had been increasing in frequency and severity. Partial amendment of his general health had followed in two or three instances of temporary absence from his duties, but a feeling of responsibility would attach itself to him, and his mind would be employed about the affairs of the Hospital although his body was absent. As it was anticipated by his friends and himself, his health was better after leaving this Hospital and engaging moderately in the general practice of his profession, to which he was ardently devoted. But even away from all care and responsibility of this institution, he found the slightest exposure would endanger a relapse of his malady. This led his professional brethren to fear organic lesions of important internal organs, which the sad results proved too true.

Dr. Woodward was born in Torrington, Conn., June 10th, 1787. He early adopted the profession of his father, who was a physician of that place, and a most respectable man. At the age of twenty-one years he was prepared and settled himself in the practice of medicine in Weathersfield, Conn., where he soon obtained the confidence of the community, and where, for nearly twenty years, he was the sole physician for about three thousand people. His office was the greatest resort in that vicinity for young men who wished to enter the profession. He was one of the medical examiners of the Medical School at Yale College. In 1830 he held a seat in the Senate of his native State. He was very efficient in establishing the Retreat at Hartford, Conn., and he was one of the medical visiters of that institution while he remained in that vicinity. His attention was called to this special department of his profession by the occurrence of several cases of insanity in his own practice and that of his professional brethren whose adviser he was. The difficulty of managing these cases in their private practice led Dr. Woodward and his particular friend, Dr. Eli Todd, to take the first step towards the establishment of the Retreat. Before coming to this Hospital he was known as one of the few physicians who had paid particular attention to the subject of insanity, for some negotiations had taken place for his taking charge of the Retreat, but which he overruled in favor of

Dr. Todd, to whom he always referred as the wisest manager of the insane, and the one who first carried out most fully the modern reform in their treatment,—the law of love and kindness. Afterwards, some steps were taken for Dr. Woodward's going to the Asylum for the Insane at Bloomingdale, N. Y.

Such was the state of affairs when the first Board of Trustees of this Hospital most fortunately, for the honor of this Commonwealth and for the poor insane, consulted Dr. Todd about taking charge of this Hospital. Dr. Todd, knowing the man and his extraordinary qualifications for the place, at once recommended Dr. Woodward to their favorable consideration, and when appointed Superintendent urged him to accept the office. He was appointed Superintendent in September, 1832, and came to Worcester in December following, and moved into the Hospital as soon as some of the rooms could be furnished for the reception of his family. On the 19th of January, 1833, the first patient was brought to the Hospital while the mechanics were still at work upon the interior. He retired on the 30th of June, 1846, after having spent more than thirteen years of the best portion of his life in the laborious and perplexing duties of this Hospital. He was a noble specimen of his race, and he had many qualifications which peculiarly fitted him for the office of Superintendent of a Hospital for the Insane. His personal appearance was large, and his carriage was truly majestic. He was erect and rather full in his figure, but his motions were quick and graceful. Although very civil and accessible to all, he seemed born to command. Dignity, and ever-enduring cheerfulness, sat upon his countenance, and betokened the serenity of mind and a happy state of feelings within. Several of his elderly personal friends have mentioned to the writer of this, that they had often been struck with the close resemblance of Dr. Woodward, in his physical man, to that of the Father of his country.

Dr. Woodward was well fitted to commence this then almost new department of philanthropic labor. His education; his experience on the subject of insanity; his ardent temperament; his business habits; his knowledge of men; his benevolent spirit; his habit of looking upon the bright side of human nature; his perseverance and his noble personal appearance all conspired to sustain and carry him successfully through an undertaking beset with manifold difficulties.

His powers of observation were great, and he readily understood the character of men with whom he came in contact, and perceived quickly the true relations of things. He was systematic in his business and energetic in the execution of his plans. He was industrious and untiring in his labors. In his intercourse with others he was dignified, courteous, and pleasing. He was very social, and soon gained the confidence of those around him. The insane as well as the sane were always gratified by being in his presence.

His mind was eminently practical and ready. Whatever he had learned from books or from observation of nature, was always at his command. He was apt and full in his illustrations drawn from his experience. His temperament was sanguine, ardent and cheerful, never desponding. He remarked to the writer of this, that he "always felt cheerful." He had a remarkable power of sympathizing with others in their feelings, and of communing with their minds and of controlling their actions.

By his labors here, and in his Annual Reports to your Board, he did much to disseminate correct views on the subject of insanity in this whole community, and improve the management of the insane. He favored such of the benevolent movements of the day as tended to elevate his fellow-man and improve his condition. By a large circle of persons, now in the use and enjoyment of sound minds, he will be particularly and affectionately remembered as the honored instrument of their recovery of themselves. By all who were any way associated with him, he will be remembered as the wise counsellor and most agreeable companion. By those who shall come after us, he will be regarded as one of the noblest benefactors of his day.

That his value was appreciated by his friends and the then Trustees, in their private capacity, was manifest in their obtaining, at a cost of about one hundred and fifty dollars, by one of the best masters, a portrait of him, to be always kept in the Hospital with which his fame is so closely associated. He was at the time fifty-two or three years old, with physical powers in full vigor, and mental well matured. It is a faithful likeness of one who has done the State that adopted him imperishable honor. It is hoped that this portrait will never be removed from this institution, where its original, for more than thirteen years, labored so successfully to string anew the jarring sense of his fellow-man, but will remain as an honorable testimonial of his public labors.

A marble bust of Dr. Woodward, costing about \$700, obtained after his labors closed here, by many of the citizens of this place, to be always kept in the Hospital also, bears testimony to the value with which his labors were held and his memory cherished in this vicinity. The bust is an exact figure of the original as he was when he lived and swayed, with his noble mind, this vast household.

TABULAR VIEW

Of the Condition of the State Lunatic Hospital, from December 1st, 1849, to November 30th, 1850, inclusive.

Homicidal.	ary. Homicidal. from Virginia ; col'd. from Ireland. ary. Homicidal.	ę	Ireland.	do do Foreigner. ary.
Suicidal. Hereditary.	Hereditary. Pauper. do from do from Hereditary. do	do Hereditary.	do Pauper from Ireland. Hereditary. do Pauper from Ireland.	do do do Foreig Hereditary.
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w od is	17 yrs 17 yrs 17 yrs 17 yrs 17 yrs 17 yrs 17 yrs	16 yrs 16 yrs 15 yrs 15 yrs	14 yrs 13 yrs 13 yrs 13 yrs 13 yrs 13 yrs	12 yrs 12 yrs 12 yrs 12 yrs 11 yrs
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Duration before admission.	years 57 years 55 do 66 do 64 do 65 do			. Unknown . 20 years . 2 do . 3 do
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Supposed cause.	Religious,	Jealousy, Unknown,	Ill health,  Masturbation,  Followed fever,  Love affair,  Family trouble,  Unknown,  Loss of property,	Unknown, Intemperance, Ill health, Unknown,
Civil condition.	Widower do Widow Single Married Single Widower Single	do Single Married Single	do do Single do do Widower	Single do do o do
Sex.	Male do Female Ado do d		Female Male do Female do Male do	Female do Male do Female
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Duration before admission.	10 years	2 do 6 do	6 months		3 years		9 do		. 7 do		-	2 weeks	1 year	4 do	2 Vears			2 months	months	2 do	2 weeks 5 years
Supposed cause.	Inventions,	Love affair,	Religious,	Unknown,	do Til health	Unknown,	Loss of husband, .	Unknown.		Unknown,		do Rheumatism.	Religious,	Intemperance,	Intemperance		Hard study,	Love affair	Ill health.	Intemperance,	Religious, Intemperance,
Civil condition.	Married	Single	Married	Single	do	op	Widow	op op	Single	Single		op op	Married	op	Single	op	Single	9 9	qo	Married	Widow
Sex.	Male	op op	op op	Female	op	op	op	op op	Male	op op		Go	Male	op.	9 9	qo	op.	op op	Female	Male	Female
Age when admitted.	26	9 33	200	200	es & 1-12	43	32	200	200	57		84 62 63 75	44	64	25.	57	127	69	4	35	45
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# TABLE-(Continued.)

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# TABLE—(Continued.)

Homicidal. Periodical.		m Ireland.	. Indind.				n Iraland	do Nova Scotia.			Periodical.					Periodical.			do						Periodical.	3-	do	
Suicidal. Hereditary.		Pauper from Ireland.	do do	do			Panner from Ireland	do do			do		Hereditary.								Hereditary.					7	op	00
In what state.	Stationary	900	do	do	do	op	000	Recovered		Sationary	do	do	Improved			, op	Improved	Stationary	op	qo	op	Immed	tunbroved,	op ·	do do	Stationary	OD C	qo op
Discharged or Remaining.	Remains	7 mile Bischarged	Remains	do	do	op	000	D	0	10 mths Remains	do		do	Ö		mths Remains	do	op	do .	Discharged	Se	do	000	-0	op	000		qo
Time spent in the Hospital.	yrs 1 mth	yrs 7 miles		) TS	yrs	yrs	yrs vr 11 mths			vr 10 mths			vr 10 mths	10	yr 4 mths	10	10	yr 10 mths	yr 9 mths		yr 9 mihs	yr 9 mins	200	200	50 0	5 0	50 0	yr 8 mths
By whom com- mitted.	Friends	The Court	- C3	ourt 2	C5	01 0	do do	1		The Friends 1	-	-	The Overseers 1		-	s I	ourt 1	do 1		The Court	The Friends I	The Court	-	-	-		lends 1	
Duration before admission.	1	I month	+ 03	5 do	=	. 12 do	00 21 9 do	4		1 month	_		2 weeks	qo	3 months	00			qo	months	years	17 do		SUMOUNT OF	zo years	90	years	Unknown The Court
Supposed cause.		Unknown,	op	Unknown,			Witness on crim'l case.	Unknown,		do		op	do ob	Fall upon ice,	Injury of head,	Epilepsy,	Disappointment, .		00		op	Hard lahor	Talendani, .			Trabucana.	Christiani,	Loss of friends,
Civil condition.	Single	do	Married	Single	do	Married	Single	Widow		Married			Married	qo	qo	Single	op	Widow	Single	Widow	Married	oligie do	Marriad	done	on on	Marriad	Single	Widow
Sex.	Female Single	Male	qo	qo	do	Female	do	do		do	qo	Female	op	op		do do	e			do		9	do	do de				ale
Age when admitted.	30	586	1-9	35	- 100	20	33	83		35				344	56				25.0	000	60			2 10 10	100	2 15		
Time of admission.	1848. Oct. 2	do ob	-		do 29	Day 23	do 11	do 11	1849.	Jan. 3				O.S				do 13		900		ch	do ob	do		do do	-	do 13
No.	3065	3.173	3076	3035	3083	3035	3039	3090			3103	3114	3115			3120	3122	0210	0010	2121	3133	3136	_	3133	3130	3141	3145	3146

Hereditary.	Pauper from Ireland.  do do do do do Periodical.  Pauper. do	Pauper from Ireland.  do do do  Hereditary. Periodical.  do do do	do do	Pauper from Ireland, do do do Hereditary, Periodical.  Pauper from England. do do Ireland.
8 mths Remains Stationary 2 mths Discharged do 5 mths Discharged do 5 mths Discharged Recovered 8 mths do 7 mths do	mths do do do mths Discharged Improved mths Died Stationary mths Died do mths Died do mth Discharged Recovered mths Remains Stationary mths Remains Stationary		6 mths Died Stationary 1 mth Discharged Recovered 5 mths Remains Stationary 8 mths Discharged Recovered do do do 10 mths do Improved	5 m 5m 5
6 weeks The Court  6 years  18 months do 1 yr  19 Unknown do 1 yr  5 years do 1 yr  10 do do 1 yr	999999999	iends 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 do do do 1 yr 4 years do 2 months The Court 1 yr do The Overseers 2 do The Overseers The Court 1 yr do 2 do The Overseers	. 3 years The Court 1 yr 2 weeks do 1 yr 1 do do . 1 week do . 4 months do 1 yr 2 do do . Unknown do 1 yr
Cuknown,				Hard labor, Sun-struck, do Unknown, Ill healtn Pecuniary trouble, Sun-struck,
17 Male Single do do do do do do do do Single Single Married Single do	do Female Male Female Si Male Female M Male Female Si Female	Male do do do do Male do Female do do	Male do	
3147 March 14 3151 do 17 3155 do 22 3156 do 21 3159 do 27 3162 do 31 3167 April 4 2173 do 7	do do 9 do 10 do 19 do 26 May 11	do d	00000000000000000000000000000000000000	3223 do 25 3 3229 do 26 2 3231 do 23 1 3240 do 7 3 3241 do 9 4 3242 do 9 3

## TABLE-(Continued.,

Homicidal.	Pauper from Ireland.  do do do do  do do Periodical.  Hereditary.  Go do N. Hampshire.  Hereditary.  Go do  Pauper from Ireland.  Pauper from Ireland.
Suicidal. Hereditary.	Pauper from do do do do do do Hereditary. Hereditary. do do do do do do
In what state.	aths Remains Improved and a Stationary acts of a Stationary and Discharged Recovered and Bremains and a Stationary acts of a Stationary
Discharged or Remaining.	4 mths Remains Improved do
Time spent in the Hospital.	1 yr 4 mths 1 yr 5 mths 1 yr 3 mths
By whom com- mitted.	weeks The Court year days weeks months year of
Duration before admission.	6 weeks 1 year 1 year 1 year 1 week 4 days 1 week 4 mouths 1 years 1 co 10 days 3 years 1 mouth 3 years 1 mouth 3 years 6 weeks 6 weeks 1 mouth 3 years 1 week 6 mouths 6 years 1 week 7 mouths 6 years 1 week 8 d mouths 9 mouths 10 do 2 do 2 do 2 do
Supposed cause.	Unknown,
Civil condition.	Single  Onkno'n  do  do  do  do  Go  Unkno'n  Single  Married  Married  Go  Single  Married  Go  Married  Go  Married  Go  Married  Go  Single  Go  Single  Go  Married  Married  Go  Married  Go  Married  Go  Married  Go  Married  Married  Married  Married  Go  Married  Married  Married  Married
Sex.	Male Female Male Female Male Go do
Age when admitted.	888888888888888888888888888888888888888
Time Age of when admitted	1849. 1849. 1949.
No.	2243 July 2244 do 3244 do 3254 do 3255

Pauper from England.  do do Ireland.  do do do do do	Hereditary, Periodical. Pauper, Hereditary, do	op op op	op op op	Pauper from Ireland.  Periodical. Pauper from Maine. Hereditary.	do Periodical. do do
Stationary co do do do	333333	Recovered do do Stationary do Improved		do do Recovered Stationary do Improved Stationary	Recovered do do do do Recovered Improved
3 mths Remains 3 mths Died 3 mths Remains 6 mths Died 5 mths Died	mths Remains mths do mths Discharged mths Discharged	2	muths and Statemary and Remains and Bischarged Recovered and and and and and and and and and an		5 mths Discharged 5 mths do 7 do 11 mths Discharged 5 mths Remains 6 do 7 Remains
1 yr 3 1 1 yr 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	177	1 yr 6 mg 1 mg	1 yr	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 yr 1 yr 1 yr
The Court The Court do do	do do The Overseers The Court do	The Friends The Court do The Friends The Court do	do do do do do The Overseers The Court do	do do do do do The Friends	The Court The Overseers The Court do do do
20 _ 20	4 months 7 do 5 years 3 weeks	1 week 15 do 15 do do	S years	30 months 3 years 4 weeks 1 do 15 years 6 do	. 4 years . 3 do . 1 day . 10 years . 3 weeks rry, 3 months
Domestic affiction, Unknown,	Ill health,	do	Loss of child, Fever, Puerperal, Ill health, Loss of child, Took cold, Unknown, Masturbation,	Ill health, Injury of head, Pecuniary trouble, Love affair, Abuse of husband, I ove affair,	Intemperance, do do
SO DE		N SS N	do do Single Widow'r do		Married do do Single do Married Widow
	do do Male Female		Male Female do Male do do do Female		Male do do do do do do do
	328883 328883 328883		64888885584 64888885584	3308839 300855 300855 30085 30	0 8 0 5 5 5 5 4 5 6 6 5 8 8 6 5 6 6 6 6 6 6 6 6 6 6 6 6
Sept.		895999	\$359 do 1 3525 d	88888°88	3335 do 3337 do 3338 do 3339 do 3341 do

### FABLE-(Continued.)

-	
Homicidal. Periodical.	do do do do do Periodical.
Suicidal. Hereditary.	Hereditary.  Hereditary.  do  do  do  do  Hereditary.  Pereditary.
In what state.	Discharged Improved do do do do do do do do do Discharged Recovered Co Stationary Discharged Recovered Remains Stationary do Discharged Recovered Remains Stationary Co Discharged Recovered Remains Stationary do Discharged Recovered Go Discharged Recovered do Discharged Recovered do
Discharged of Remaining.	Discharged Improved do do do Bemains Stationary Conscharged Recovered Remains Discharged Recovered Remains Discharged Recovered Remains Discharged Recovered Conscharged Conscha
Time spent in the Hospital.	9 months 4 do 5 do 5 do 1 year 1 do 2 do 2 do 3 do 1 year 1 year 1 do 4 months 11 do 6 do 6 do 6 do 6 do 7 do 8 days 1 year 1 do 9 do 6 do 6 do 6 do 6 do 7 do 7 do 7 do 8 do 8 do 8 do 9 do 11 do 9 do 9 do
By whom com-	3 months The Overseers 4 weeks 9 months 1 year 1 do 2 years 6 months 6 weeks 1 do 2 years 6 months 6 weeks 7 he Friends 7 he Friends 8 years 8 years 9 do 7 he Friends 6 do 7 he Friends 6 do 7 he Friends 7 he Friends 7 he Friends 8 years 9 do 1 week 1 month 2 weeks 1 week 1 month 2 weeks 2 do 1 month 2 weeks 3 do 1 week 4 do 6 do 6 do 7 he Friends 6 do 6 do 7 he Friends 7 he Court 6 do 7 he Friends 7 he Go 7 he Friends 7 he Go 7 he Friends 7 he Go 7 he Friends 8 he weeks 8 he weeks 9
Duration before admission.	S months Unknown 4 weeks 9 months 1 year 1 do 2 weeks 2 years 6 months 6 weeks 1 do 1 do 1 do 2 weeks 2 weeks 3 days 2 weeks 3 days 2 weeks 1 month 2 weeks 1 week 1 week 1 years 1 week 1 week 1 years 1 week
Supposed cause.	Unknown, do do do Loss of wife,
Civil condition.	Married do
Sex.	Female Male Male do do Male do Male Female Go Male Female Go Male Female Female Go Male Female Go Male Female Male Female Male Female Male Male Male Male Male Male Male M
Age when admitted.	488886018846488864888646884688468848848848848848
Time of admission.	No. No. 1849.  No. O
No.	\$3542 Nov. \$3542 Nov. \$3542 Nov. \$3545 Per

	Pauper from France. Periodical.	Homicidal. Periodical.	op	op op	<b>୫</b> ୫୫୫
Hereditary.	Pauper fre	Suicidal.		op op	୫ ୫ <b>୫</b> ୫୫
Recovered Stationary Recovered Stationary	Recovered Stationary Recovered Stationary do do do Stationary	Recovered do Stationary Recovered Recovered Stationary	Stationary Recovered do Stationary do do	Improved Stationary Recovered Stationary	Stationary do Recovered do Stationary Recovered do
Discharged Recovered Stationary Discharged Recovered Remains Stationary	Discharged Recovered Remains Stationary Discharged Recovered Remains Stationary Died do Remains do Discharged Improved Remains Stationary		Remains Discharged do do Remains Died Died Died Died	pa	Remains Improved Discharged Stationary do do Remains Go Hemains Stationary Discharged Recovered do do
9 months 8 do 4 do 11 do	4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		100 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	9 months 9 do 4 do do	00000000000000000000000000000000000000
The Overseers The Court The Overseers The Court	99999999		do do do do do The Friends		do do do do The Friends
2 weeks Ti 3 years Ti 6 months Ti 5 weeks Ti	2 weeks 2 years 4 weeks 6 menths 5 years 3 do 6 do	E VE S	7 months 9 do 1 year 1 do 3 weeks 5 do Ti	si s s	
Unknown, do do do Ins'y of wife & hard w'k Puerperal,	Unknown,		Injury of the head, Epilepsy, Onknown, do do Go	Masturbation, Fright, Disappointed ambition, Trouble in business, Watching & loss of sl'p,	do Poverty, Being published, Unknown, Unknown, do do
Male Married do do do do	Single do Widow Single do do do	S 20	Married Single do do	SEE	SUSSU
Female Male do Female	do do Male do do Female Male	Female Male Female Male do	Female do do d	Male Female Male do Female	0 0
83 83 85 65 85 65 65 65 65 65 65 65 65 65 65 65 65 65	85 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	880 10 10 10 10 10 10 10 10 10 10 10 10 10	8618888	8882233	4084888
3373 Dec. 24 3374 do 25 3375 do 29 3376 do 29	3377 Jan. 1 3378 do 2 3380 do 3 3381 do 10 5382 do 14 3383 do 14	8888888	F8888888		March do do do

## TABLE—(Continued.)

Homicidal. Periodical.	Suicidal.  Periodical.  do d
Suicidal. Hereditary.	Hereditary.  do  do  do  do  do  do  do  do  do  d
In what state.	Remains Stationary do
Discharged or Remaining.	Remains Discharged do do do do do do do do do Discharged do do Remains Discharged do do Remains Discharged do do Remains Discharged do do Remains Discharged do do do do do do Remains Discharged Remains Discharged do
Time spent in the Hospital.	9 months 8 do 7 do 3 do 19 days 8 months 8 do 19 days 8 do 7 do 7 do 7 do 6 do 6 do 6 do 6 do 6 do
By whom com- mitted.	The Court do d
Duration before admission.	3 weeks 2 do 2 months 3 do 3 years 1 week 6 years 3 months 6 do 2 years 1 do 2 months 1 do 5 years 2 months 1 do 5 years 3 weeks 3 months 1 do 5 years 6 months 7 do 6 months 6 months 6 months 7 years 7 years 8 weeks 8 do 9 do 6 do 6 years 7 years 8 do 6 months 6 months 6 months 6 months
Supposed cause.	Unknown,
Civil condition.	Female Married do
Sex.	Female do do do do do do do do Male Cemale Male Female Male Female Male Female Male Female Go do
Age when admitted.	######################################
Time of admission.	April 30 220 220 220 220 220 220 220 220 220
No.	3412 3413 34113 34113 34114 34114 34115 3415 34

Periodical.	9 op	op	ę es	Madalater
	Hereditary.	\$ B p	op op	Zitalotali Stranburge
pa pa	Kemains Improved do do Discharged Recovered do do do do Butionary Discharged Recovered		Remains Stationary do do Discharged Recovered do	Discharged Recovered Remains Stationary do Discharged Recovered Remains Improved do Stationary Discharged Recovered Remains Improved
4	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	15.	sk	2 do Dis 5 do Rei 4 do Dis 5 do Rei 5 do Rei 5 do Ges 5 months Rei
The The	3 months do 1 week do 2 years do 1 do do 2 weeks The Overseers 1 year The Court 6 months do		The The	3 months do 1 do do 6 years do 3 months do 1 year do 4 months do 1 year do
Amenorrhaea, Unknown, do do do do Cho do do do do do do do do Lnjury of head, Unknown,	Cross in love, Unknown, do do do Paralysis,	Epilepsy, Puerperal, Unknown, do Disappointed affection,. Measles,	Unknown, Fright, Unknown, Puerperal, Domestic affliction, Ill health, Unknown, do Turn of life,	Injury of head, do do
Female Male Female do do do Male Female Male	do Female do Male Female do Male		do do do Male do Female do	Male Married do Single do Go T Male do T Male do T Male do Married Male do Married do Male do Male do Male do
April 25 do 25 do 27 do 30 do 30 do 30 do 30	3452 do 4 38 3455 do 11 65 3455 do 13 40 3455 do 13 40 3455 do 13 40 35 3455 do 12 33 3455 do 22 25 25	888888 18188888	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3475 do 18 40 3476 do 18 25 3477 do 18 25 3479 do 18 25 3481 do 20 26 3482 do 21 35

## ABLE—(Continued.)

Homicidal. Periodical.	Periodical.
Suicidal. Hereditary.	Hereditary.  do  do  do
In what state.	Remains Stationary Discharged Recovered Remains Recovered Remains Recovered Remains Stationary do Go do Go Bischarged Recovered do Go Bischarged Recovered Bemains Recovered Co Bischarged Recovered Remains Recovered Remains Recovered Remains Recovered Remains Recovered Remains Recovered Remains Recovered Go Discharged Recovered Go Discharged Recovered Go Go Discharged Recovered Go Go Discharged Recovered Go
Discharged or Remaining.	Remains Stationary Discharged Improved Recovere Remains Discharged Recovered do do do do do Discharged Recovere Remains Improved Go Boscharged Recovere Remains Improved Recovere Remains Improved Recovere Remains Improved Recovere Remains Improved Go Discharged Recovere Remains Improved Go Discharged Recovere Go Discharged Recovere Remains Improved Go Discharged Recovere Remains Improved Go Discharged Recovere Remains Go Go Go Discharged Recovere
Time spent in the Hospital.	5 months 5 months 5 co 6 weeks 5 months 5 co 6 co 6 co 7 co 7 co 7 co 7 co 8 co 8 co 8 co 8 co 9 co 8 co 8 co 9 co 8 co 9 co 8 co 8 co 8 co 9 co 8
By whom com- mitted.	The Court  do do  do do  do do  do do  do do  The Overseers  The Court  do do  do do  The Friends  The Friends  The Court  The Court  do do  do do  The Court  The Court  do do  The Court  do do  The Court  do do  The Court
Duration before admission.	7 weeks T weeks B months B years B months B years B wonths B years B wonths T weeks T a do T do T weeks T weeks T weeks T weeks T weeks T weeks T week T week T week T week T week T weeks T week T week T weeks T weeks T a wonths B wonths B wonths B weeks T a weeks T
Supposed cause.	Puerperal, Jealousy, Unknown, do do do do do do do do Hapoplexy, Unknown, do do do do do Hard labor, Religious, Unknown, Religious, Unknown, Religious, Hard labor, Religious, Unknown, Religious, Hard labor, Religious, Unknown, Epilepsy, Hard labor, Conknown, Epilepsy, Hard labor, Beligious, Unknown, Epilepsy, Hard labor, Domestic affliction,
Civil condition.	Female Married do Single do
Sex.	Female Married do Ado do Go
Age when idmitted.	318888844888844888888888888888888
Time Age of when admission, admitted.	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
No.	3483 June 3483 June 3483 June 3483 June 3484 do 3484 do 3487 do 3487 do 3489 do 3499 do 3500 d

Periodical.	op .	op op	op op	op
Hereditary.	8	op op op	op op	op
Stat Rec Stat Rec Stat	do do Died do Discharged Recovered Remains Improved do Stationary do do	Remains Stationary do do do do Died do do do Semains do Discharged Recovered	Stationary Recovered Stationary do	do do do do do do do Discharged Recovered Remains Stationary
Remains do do Discharged Remains do Discharged Remains do Discharged Remains do Discharged Discharged Discharged Go Discharged Discharged Discharged Go Discharged	do Died Discharged Remains do do	Remains Died do Died Remains Discharged	Remains Discharged Remains do do	do do do do Discharged Remains
4 months 4 do 43 days 4 months 4 do 6 do 6 do 6 weeks 7 do	3 do 15 days 3 months 3 do	2 do	ස වෙන ස ස සි සි සි සි සි	පිපිපිපිපිපි පිපිපිපිපිපි
3 weeks   The Court   4 do   5 do   6 months   7 weeks   5 weeks   5 do   6 months   7 he Court   6 do   7 he Court   7 do   7 he Court   7 do   7 he Court   7 do   8 months   8 months   9 do   9 do	years do months do months do year do months do	s The The The The	The	5 weeks 2 months The Friends 2 weeks 6 years The Overseers 4 do The Court years do
ess,	imiction,	nce,		
	do Sun struck do Domestic a do Unknown, do Puerperal, do Epilepsy, single Unknown,	e w l	Rel D I	Single do Married do Single do do Married Intempera Single Unknown,
Female do do do do Male Go Male do do Go Female do Remale do Male Male Male	do do Female do Male Female	Male do do do do do do do do do	Male do Female	do Male Female Male do
	24 17 17 19 19 19 19 19 19 19			01 00 10 10 10 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15
3514 July 3515 do 3516 do 3516 do 3518 do 3520 do 3522 do 3523 do 3525 do 3525 do 3525 do 3525 do 3526 do 3526 do 3526 do	3529 do 3530 do 3531 do 3532 do 3533 do 3533 do		32	3548 do 3550 do 3550 do 3551 do 3552 do

## FABLE-(Continued.)

Homicidal. Periodical.	Periodical.  do do do do do
Suicidal. Hereditary.	Hereditary.  do  do  do  do
In what state.	Remains Stationary do Discharged Improved Stationary do Go
Discharged or Remaining.	Remains do Discharged Remains do
Time spent in the Hospital.	252 days  552 days  6 do  7 do  11 do  11 do  11 do  12 do  29 days
By whom committed.	The Court do do do do The Friends The Court do do do do do do do do The Friends The Court do do do do do do
Duration before admission.	years do do 3 weeks 8 do 1 do 4 months 20 do 1 do 8 months 6 weeks Unknown 13 months 6 weeks 7 do Unknown 2 weeks 5 do Unknown 2 weeks 6 do 4 do 6
Supposed cause.	Unknown,  do Epilepsy, Unknown, Loss of husband, Loss of husband, Loss of child, Loss of property, Bite of dog, Unknown, Intemperance, Unknown, Over excitement, Onknown, Ado do do do do do Excitem't frantavelling, Unknown, Excitem't frantavelling, Unknown, do do do Hydw'rk & loss of sleep. This,
Civil condition.	Married do
Sex.	Male do do do Male Female Male Female do Male do
Age when admitted.	888888888888888888888888888888888888888
Time of admission.	Sept
No.	3554 3555 3555 3555 3555 3556 3556 3557 3557

ET TREMANDE - January

Page Ann		Periodical.
Hereditary.	, 99	op
Stationary do do do	888888	3999
Remains do do do	888888	8888
7	999899 22222	9999
3 do	10 years do 3 do 1 month do 3 weeks do 1 year do	6 weeks do 8 years do 3 months do
Unknown, Puerperal, Solitary vice,	Kicked by horse, . Unknown, Hard work, Ill health, Loss of children, .	Unknown, do
and the last	Male Single Female Married do do do do do do	Male Unkno'n Female Single Male do Female do
8 19 86 18 18 35 18 41 41	200 200 200 200 200 200 200 200 200 200	110
3585 Nov. 3586 do 3587 do 3588 do	3590 do 3592 do 3593 do 3594 do	3595 do 3597 do 3598 do

TABLE 1.

Showing the Admissions from each County the last and previous years.

***		100 DE 100 DE	EX MATERIAL CONTRACTOR	MATERIA DE	THE PROPERTY OF THE PARTY OF TH	The same as a series are an		
			4		-4	1850.	Previously.	Total.
Barnstable,	-	-	Males, Females,	-	6 —	8	85	93
Berkshire,	-		Males, Females,	-	3	6	105	111
Bristol,		-	Males, Females,	-	<sup>2</sup> / <sub>8</sub> —	10	208	218
Dukes,			Males, Females,	-	1	1	14	15
Essex,	-	-	Males, Females,		20 9 —	29	428	457
Franklin,	-	-	Males, Females,	-	3	5	88	93
Hampden,	-	-	Males, Females,	-	6 7 —	13	162	175
Hampshire,	-		Males, Females,	-	3	5	155	160
Middlesex,	-	-	Males, Females,	-	15 25	40	374	414
Nantucket,	-		Males, Females,	-	0	0	26	26
Norfolk,	-	-	Males, Females,	-	22 14	36	401	437
Plymouth,	-	-	Males, Females,	-	9	17	153	170
Suffolk,	-	-	Males, Females,	-	12 5	17	332	349
Worcester,	-		Males, Females,	-	30 24	54	816	870
Other State	98,	-	Males, Females,	-	0	0	10	10
				,		241	3357	3598

## TABLE 2.

Showing the Admissions and State of the Hospital, from December 1st, 1849, to November 30th, 1850.

Patients in the Hospital, December 1st, 1849, 429 Males, 220	Committed by Overseers of the
Males, 220 Females, - 209	Males, 4 Females, - 12
Patients admitted in course of the year, 241  Males, 129  Females, - 112	Private boarders on bonds, - 31 Males, 12 Females, - 19
Whole number in the Hospital in	Foundation of the west of the
Course of the year, 670  Males, 349  Females, - 321	Foreigners—those who have no legal residence in this State—admitted during the year, - 95
Patients remaining in the Hospi-	Males, 48 Females, - 47
tal, November 30th, 1850, - 441  Males, 228  Females, - 213	Foreigners discharged during the year, 58  Males, 31 Females, - 27
Of the admissions, there were cases of less duration than one year, 155  Males, 83  Females, - 72	Foreigners remaining in the Hospital at the end of the year, - 169 Males, 80 Females, - 89
Of one year and more, 81	Kerl deep
Males, 41 Females, - 40	State paupers remaining in the Hospital at the end of each year, as near as they can be
Cases the duration of whose in-	ascertained:—
sanity before admission not ascertained, 5  Males, 5	1842, 34
Males, - 5 Females, - 0	1843, 38 1844, 38
no courts have sixed arrest some	1845, 57 1846, 52
changed by their residence been	1847, 121
Patients committed by Courts, - 194	1848, 150
Males, 115	1849, 167

leaving the Hospital before we had become fully satisfied that it was

TABLE 3.

Showing the number of Discharges and Deaths, and the condition of those who left the Hospital, from December 1st, 1849, to November 30th, 1850.

Overseen of the	sach Sex.	Ming No.	Rec		Impr		Incur and harm	d	Incur and gere	dan-	Deat	hs.	
21 - 48 ets on bonds, 4 31	Whole No. each	Total.	Each Sex.	Total.	Each Sex.	Total.	Each Sex.	Total.	Each Sex.	Total.	Each Sex.	Total.	Total.
Patients discharged, Males, Females,	120 109	229	60 65		- 11 4	15	17 11	28	3 1	4	29 28	57	120 109
Recent cases—less than one year—discharged, Males, Females,	54 60		45 54		3 0	3	2	3	0 0	0 -	4 5	9	54 60
Chronic cases—one year and more—discharged, Males, Females,	62	111	13 11	24	- 8 4	12	15 10	25	3 1	4	23 23	46	62 49
Patients discharged, the duration of whose discase not ascertained,  Males, Females, -	- 4	4	200	2	0 0	0	0 0	-	0 0	0 -	200	2	4 0
	229		125		15	-	28		4	bo	57	7 3	229

As the Hospital has been so much crowded for some years past, the discharges must correspond very nearly with the admissions. Two hundred and twenty-nine have been discharged, of whom one hundred and twenty-five have recovered and returned to their families and former pursuits. Fifteen have left with some amendment of their condition, but not fully restored. The courts have discharged some whose condition had not essentially changed by their residence here. When patients have, in my opinion, become rational and able to control their actions, I have recommended them to the favorable consideration of two or more members of your Board for permission to let them leave the Hospital. Sometimes the friends have urged their leaving the Hospital before we had become fully satisfied that it was for the best good of the patient to do so. In some instances of this

kind where the cause of their commitment, the violence of their malady, had ceased, I have complied with the wishes of friends and recommended the discharge of the patient. It is not uncommon for persons who, as we supposed, left the Hospital nearly or quite recovered, to feel and afterwards say, that they left too soon. On the trial they found they had not regained sufficient strength of mind and body to meet and endure the vicissitudes of a business life. But we are happy to know that most of those, who left the Hospital as recovered, continue in the enjoyment of their reason.

TABLE 4.

Showing the number of Admissions and Discharges, and the average number in the Hospital, each month in the year.

10-00	1681	101	187	Monthly Average.	Admissions.	Discharges
December, 184	9		8.00	432	19	16
January, 185		-	-	435	21	10
February, "	-	-	-	440	7	16
March, "	C-00	- 100	(C) 10-	437	22	19
April, "	10-11	-	100	435	22	23
May, "		-	-	435	18	23
June, "		-		430	24	19
July, "	10.00	-	-	445	26	12
August, "	-	-	-	454	27	21
September, "	-	-	-	450	17	30
October, "			1012	444	21	17
November, "	-	-	-	444	17	23
Average for th	e year,	-	-	440		

Statistics of the different Seasons.

36     49     46     38     42     37     48     58     60     80     70     56     52     67     62       42     40     47     59     44     51     40     56     71     68     74     61     84     88     77       24     53     38     43     44     44     60     55     54     84     71     78     57     67     55	14     18     31     29     35     37     44     48     40     47     43     62     44     42       36     37     38     38     33     46     49     60     34     73     48     65     67     65       29     44     48     41     37     46     40     65     46     83     54     46     84     52       33     29     29     32     50     50     42     55     55     67     68     73     58     70	10     15     13     18     20     24     24     31     25     28     15     35     25     28       17     23     24     22     10     22     34     33     29     47     25     39     31     28       15     18     23     20     22     25     29     23     28     39     27     19     44     29       27     20     20     22     30     19     29     37     40     40     36     43     38     45	1 3 5 6 1 4 5 2 4 10 6 9 7 10 1 5 7 1 3 3 2 12 5 5 9 20 5 3 5 2 4 4 8 4 11 8 11 8 17
49     46     38     42     37     48     58     60     80     70     56     52       40     47     59     44     51     40     56     71     68     74     61     84       53     38     43     44     44     60     55     54     84     71     78     57	18     31     29     35     37     44     48     40     47     43     62       37     38     38     33     46     49     60     34     73     48     65       44     48     41     37     46     40     65     46     83     54     46       29     29     32     50     50     42     55     52     67     68     73	15 13 18 20 24 24 31 25 28 15 35 29 20 20 20 20 20 20 20 20 20 20 20 20 20	3 5 6 1 4 5 2 4 10 6 9 5 7 1 3 3 2 12 5 5 3 5 7 1 8 8 8 8 5 2 4 4 8 4 11 8 11 8 11 8
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49     46     38     42     37     48     58     60     80     70       40     47     59     44     51     40     56     71     68     74       53     38     43     44     44     60     55     54     84     71	18     31     29     35     37     44     48     40     47       37     38     38     33     46     49     60     34     73       44     48     41     37     46     40     65     46     83       29     29     32     50     50     42     55     52     67	15 13 18 20 24 24 31 25 28 23 24 25 28 30 20 22 25 29 37 40 40	3 5 6 1 4 5 2 4 10 5 5 6 2 1 3 3 2 12 5 7 1 5 3 6 6 7 8 3 5 2 4 4 8 4 11 8
49         46         38         42         37         48         58         60         80           40         47         59         44         51         40         56         71         68           53         38         43         44         44         60         55         54         84	18 31 29 35 37 44 48 40 37 38 38 33 46 49 60 34 44 48 41 37 46 40 65 46 29 29 32 50 50 42 55 52	15 13 18 20 24 24 31 25 29 23 29 20 20 20 20 20 20 20 20 20 20 20 20 20	3 5 5 6 1 4 5 5 7 1 5 3 8 6 6 7 7 8 6 6 7 7 8 8 6 6 7 7 8 8 6 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
49     46     38     42     37     48     58     60       40     47     59     44     51     40     56     71       53     38     43     44     44     60     55     54	18 31 29 35 37 44 48 37 38 38 46 49 60 44 48 41 37 46 40 65 29 29 32 50 50 42 55	15 13 18 20 24 24 31 18 20 24 24 31 18 20 22 25 29 23 20 20 22 25 29 23 20 20 20 20 20 20 20 20 20 20 20 20 20	3 5 5 6 1 4 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
49     46     38     42     37     48     58       40     47     59     44     51     40     56       53     38     43     44     44     60     55	18 31 29 35 37 44 37 38 38 33 46 49 44 48 41 37 46 40 29 29 32 50 50 42	15 13 18 20 24 24 24 29 20 20 20 20 20 20 20 20 20 20 20 20 20	3 5 5 6 1 4 2 3 2 4 4 4 8 8 6 8 8 6 8 8 8 8 8 8 8 8 8 8 8
49     46     38     42     37     48       40     47     59     44     51     40       53     38     43     44     44     60	18 31 29 35 37 37 38 38 33 46 44 48 41 37 46 29 29 32 50 50	15 13 18 20 24 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	3 5 5 5 6 6 5 5 7 5 6 6 7 5 7 6 6 7 7 7 8 6 7 7 7 7 7 7 7 7 7 7 7 7
49     46     38     42     37       40     47     59     44     51       53     38     43     44     44	18 31 29 35 37 38 38 33 44 48 41 37 29 29 32 50	15 13 18 20 23 24 22 10 18 23 20 22 20 22 22 30	35 55 57 55 57 16 6 20 1
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282	33110	0 0 6 9 1	0180
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In Spring, In Summer, In Autumn,	harges— In Winter, In Spring, In Summer, In Autumn,	Recoveries— In Winter, In Spring, In Summer, In Autumn,	Deaths— In Winter, In Spring, In Summer, In Autumn.
	93	8110 383	ring, 72 mmer, 93 ntumn, 0 inter, 0 ring, 11 ntumn, 23 inter, 0

TABLE 6.

Showing the whole number of Residents during each year, the average number each year, the number at the end of each year, and the Expenses of each of the seventeen years the Hospital has been in operation.

The Year.	Whole No. of Residents dur- ing the year.	Average No. each year.	Number at the end of each year.	Current Expenses of each year.	Annual Expense per Patient.
1833	153	107	114	\$12,272 91	\$114 67
1834	233	117	118	15,840 27	135 38
1835	241	120	119	16,576 44	137 30
1836	245	127	138	21,395 28	168 44
1837	306	163	185	26,027 07	159 64
1838	362	211	218	28,739 40	136 20
1839	397	223	229	29,474 41	132 16
1840	391	229	236	27,844 98	121 59
1841	399	233	232	28,847 62	123 81
1842	430	238	238	27,546 87	111 12
1843	458	244	255	27,914 12	114 40
1844	491	261	263	29,278 75	112 17
1845	556	316	360	43,888 65	138 88
1846	637	359	367	39,870 37	111 06
1847	607	377	394	39,444 47	104 62
1848	655	404	409	42,860 05	106 09
1849	682	420	429	40,870 86	97 31
1850	670	440	441	. 46,776 13	106 40

In consequence of our large number, the expense per patient has the last year been moderate. Most of the necessaries for the support of this establishment have borne a medium price. Wages and salaries have been the same as they have for a few years past, but the item for improvements and repairs is a large one. Many things, which circumstances seemed to require should be done this year, have been. As the building for strong rooms for males was to be heated with steam from a boiler placed in the laundry which is contiguous, the occasion was taken for making extensive improvements there. A dash wheel for washing was placed there, to be driven by an engine. It cost about \$125. The attic of the laundry was fitted up for drying clothes in the winter and rainy days in the summer. This room is heated with steam pipes coming from the boiler below. The airing room, in which the clothes are hung to take out all dampness after being ironed, has been fitted up with sliding clothes-frames. The whole of the laundry, inside and out, has been painted. The facilities for doing this work, which is always hard, have, by these changes, been much increased.

Nine large clothes-rooms or closets have been fitted up in the Johonnot wards. Something of this kind has been much needed for a long time.

The floors in four of the wards have been repaired by supplying new boards in place of those most worn out or splintered up, and by smoothing with a plane the whole surface. These floors, and those in six other wards, have had the cracks between the boards and the nail holes puttied up, and two or three coats of stained oil put upon them.

The rooms for the sinks and water-closets have been changed in the south Johonnot wing. An iron bathing-tub has been put in, and two iron sinks have been substituted in place of those worn out. Some alterations, and it is hoped improvements, have been made in the water-closets in that wing. One of Collin's ventilators has been connected with them. This alteration was deemed advisable that the strong rooms might be accommodated by them.

The outsides of the south Johonnot and old wing both have been painted. The roof of the Johonnot Hall and three of the kitchens, and the fence in front, have been painted.

A ventilator and vane have been put upon the barn.

The cistern in the centre court has been covered with stone, at an expense of \$140.

The steps in front, at a cost of \$200, have been reset, and seven new ones added, and cast-iron hand-rails placed on each side of them, all of which cost \$260.

There have been set out 360 fruit and ornamental trees on this hill this year.

There has been paid one individual \$500 to settle his suit for damages, caused by taking water in our aqueduct from six wells in the valley of a stream that passes through his land, half a mile below.

The barn-yard has been enlarged, and a new board fence, with stone posts, has been erected on the east side of it. This yard has been graded by adding, on the lower side, more than one hundred cart loads of clay.

The twenty-one new rooms for violent male patients, erected the last year, have of late been fully occupied. They answer the purpose for which they were intended very well. They are accessible, light enough, airy, and as free from noisome exhalations as rooms occupied constantly by such a class of patients can well be made.

The floors are warmed, and a current of heated air is thrown into

each story. The foul air in the rooms is drawn off, through several openings in the internal brick partitions, by steam-pipes placed in one common trunk in the attic. Since these rooms have been finished we have not occupied the six rooms in the basement of the old south wing, where we had been obliged to place some violent male patients occasionally for some years past.

Gas.—On the eighth of January last, gas was burned for the first time in this Hospital. By order of your Board gas-pipes and burners were fitted up in the north half of the institution. The pipe measured in length 1,393\(^3\) feet at 32\(^1\) cents per foot, fitted up. The pendants and forty-four burners cost \$139 35. The whole charge for the gas fixtures was \$592 31.

The expense of lighting this building with gas we find, by some experiments we tried, to be somewhat greater than lighting it with oil; but still I apprehend the same amount of light can be obtained from gas cheaper than from oil. When we use gas we almost necessarily have our rooms a great deal more brilliantly lighted than we do when we use oil. Gas light is as safe as oil. It is much more cleanly and requires less attention. In the large wards of hospitals for the insane it is particularly desirable, its light is so diffusive and genial.

TABLE 7.

Showing the Causes of Insanity, as affecting persons pursuing different Occupations.

Proviously.	E830.	elni.	Intemperance.	Ill Health.	Masturbation.	Domestic Afflic-	Religion.	Property.	Disappointed Affection.	Epilepsy.	Jealousy.	Total.
Farmers,	10.	-	70	22	30	30	28	31	4	11	3	229
Laborers,	- 53	-	91	15	17	8	11	9	4	9	2	166
Seamen,	- 8	-	34	6	8	3	7	7	1	1 3	3	70
Merchants,	OI	_	15	5	32	5	4	22	1	3	0	87
Carpenters,	.0	-	18	8	10	4	11	8	3	2	0	64
Shoemakers,	- 11	-	10	11	30	7	11	6	3	1 1	. 0	78
Blacksmiths,	- 6	-	4	1	2	1	2	4	3	1	0	18
Students.	- 5	-	- 0	3	24	2	2	0	0	2	0	33
Clergymen,	-	_	- 1	2	4	0	1	1	1	0	0	10
Lawyers,	-	-	2	0	4 2	1	1 0	1	0	0	0	1
Physicians,	- 4	-	2	0	0	0		1	1	0	0	4
Painters,	-	-	2	1	11	2	0 1 5	1 5	1	1	0	20
Manufacturers,	-	-	9	3	4	2	5	5	1	0	0	29

TABLE 8.

Showing the Causes of Insanity, and the circumstances connected with the causes and predisposition to Insanity, the last and previous years.

				L 16 6	1850.	Previously
Ill Health,	Eon.	•17 h	4019	0 1-1	. 16	487
Intemperance,		-			6	345
Domestic Affliction, -	uninea	Laur :	0 1111	or market	11	306
Religion, -	.lool-	400 8	40	132	8	240
Masturbation,	- Links		-10	-	5	178
Property,	on a	-00	0010	-	5	169
Disappointed Affection, -		_	-	-	6	88
Disappointed Ambition, -	- L	ALTERIA	-		1	38
Epilepsy,	- N	-	-	-	13	84
Puerperal,	renter	o lady	THOU	DO OT	10	98
Wounds on the Head, -	TTO	-	-	-	6	42
Hard Labor,		-	-	-	6	32
Jealousy,	on gan	OWYER	HE AN	-110	3	13
Fright,	vlinai	Zind o	1611	100	4	20
Palsy,		-	-	-	2	30
Periodical cases,	at the	Thor sa	-	-	45	708
Hereditary,	to alm		nd od	Lat.	44	832
Homicidal,		-	-	-	33	76
Have committed Homicide,	en unio	-	2	1000	1	20
Suicidal,		-	-	-	43	267
Have committed Suicide,		-	_	-	1	16
Cases arising from Physica	l cause	es.	-	-	58	1322
Cases arising from Moral c	auses.	Z. Carrier	-	-	42	904

TABLE 9.

Previous Occupation of Patients.

						billion.	1850.	Previously
Farmers,	-		101-		*	-	16	367
Laborers,	-	-	-		-		12	280
Merchants,	-	-				-	2	122
Shoemakers,	- 1	-	-				10	112
Seamen,	- 8	2			-	GI	6	105
Carpenters,	- 9				-	OLO -	11	88
Manufacturers,	- 1	-				11.	3	60
Teachers,	-	18	-				2	47
Students,	- 0	88	181		8	0 -	ĩ	44
Blacksmiths,						15	1	31
Painters,	1				0	8 -	2	25
Tailors,		10	0			8 -	ő	18
Clergymen,			8 -		J	8 -		17
Lawyers,	6	0,	8		T	6 -	2	17
Physicians,			-		-	-	0	0
Comples assesses	mad 4	a nating	1			-	0	-0
Females accusto	med t	o active	emple	oyme	nt,	-	41	711
Females accusto	med to	seden	itary ei	mpioy	men	-	8	271

TABLE 10.

Showing the Duration of Insanity, the Ages, and Civil State when admitted, the last and previous years.

0. Total.	258 112 10 110 110	24 25 25 25 26 27 27 27 27 27 27 27	-
. 1850.		24	1447
1849.	159 59 20 13 6 6 0	273 158 158 141 142 32 32 33	AOO
1848.	145 79 79 75 75 8	261 164 164 144 144 144 144 144 144 144 1	ADD
1847	157 41 16 8 8 2 1	240 134 69 69 69 151 20 20 20	100
1846.	167 50 18 15 15 20	772 701 701 73 60 19 8 8 8 30	200
1845.	156 89 151 150 150 150	293 63 63 66 18 77	000
1844.	127 68 12 10 10 3	236 51 84 45 49 7 7	000
1843.	129 62 15 17 1	220 74 74 74 75 75 75 75 76 76 77	240
1842.	106 58 13 5 7	198 89 89 89 37 10 10	000
1841.	18 10 10 10 10 10 10	163 254 254 254 254 254 254 254 254 254 254	000
1840. 1	73 10 10 10 10 10 10	162 163 163 163 163 163 163 163 163 163 163	000
1839. 1	\$850-LG	179 84 44 52 14 14 12	000
1838.	82 50 16 8 7 7 13	28 28 44 44 41 18 19	0.0
1837.	52 82 14 14 15 15	168 29 38 113 13 13	40+
1836.	25 E E E E E E E E E E E E E E E E E E E	125 125 335 31 935 935 935 935 935 935 935 935 935 935	400
	37 15 15 17 7	E 12 22 22 E 4 2	000
1834.	85 84 84 84 84 88 88	119 24 24 24 25 25 26 27 26 27 26 27 26 27 26 26 26 26 26 26 26 26 26 26 26 26 26	000
1833, 1834, 1835	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	26 22 24 28	414
Transite before admission	Less than 1 year,	Duration of Insanity with those remaining in the Hospital at the end of each year.  Less than 1 year,  From 1 to less than 5 years,  " 5 " " 10 "  " 20 " " 20 "  " 30 and upwards, "  Unknown,	

TABLE 10-Continued.

	1888.	1833, 1834, 1835,	-	1836.	1837.	1838.	1839	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	Total.
Ages of patients when admitted— Under 20 years,	100	12	4	11	13	17	10	10	12	14	15	16	20	24	12	16	18	20	-
From 20 to less than 30 years,	34	31	23	53	58	47	47	46	50	35	48	64	35	69	99	55	69	67	
. 30 " 40 "	46		36	35	34	51	49	40	45	44	62	65	83	62	83	08	8	63	
40 50	35	31	288	56	31	35	30	34	31	46	33	43	45	62	42	59	49	45	
" 20 " " 90 " " " ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	14	00	13	14	13	20	51	21	19	24	38	56	49	38	35	31	35	33	
" 02 " " 09 "	17	5	9	13	12	00	14	9	6	12	11	17	18	15	14	17	19	10	
" 08 " " 02 "	ಣ	0	ಣ	0	1	CS	00	20	1	CS	2	00	00	00	1	C)	4	3	
" 80 and upwards,	cv	-	0	0	0	0	0	0	-	1	3	cs	-	0	1	T	cs	1	
	153	119 113	113	125	168	177	179	162	163	198	550	536	293	277	240	261	273	241	
Civil state of patients when admitted—	95	7	52	89	94	101	08	23	88	108	66	114	165	134	117	116	120	116	1797
Married,	38	40	46	49	19	65	75	7	83	92	103	105	105	121	92	125	130	111	1473
Widows,	12	4	00	9	11	5	17	12	13	12	17	17	16	14	18	17	11	12	222
Widowers, -	11	4	1	CS	C)	9	1	4	10	CS.	00	က	7	2-	00 10	en c	9	0,0	28 5
CHKHOWH, -	-		,	,		,	, .		-		,	,	-	1	9			1	15
	153	153 119 113	113	195	168	177	179	169	163	108	066	986	806	277	940	196	973	941	3598

TABLE 11.

	Ages of P		in the I 1st, 185		ι,	Duration of Insanity Hospital, D			-	in the
	r 10 year				1 3	Less than 1 ye From 1 to 2			-	38 65
r rom	10 to 15 15 to 20	years	66	-	9	" 2 to 5	year	16	-	109
"	20 to 25		44		33	" 5 to 10	"	66	-	97
"	25 to 30	66	46	-	49	" 10 to 15	66	66		49
"	30 to 35	"	66		80	" 15 to 20	66	66		23
46	35 to 40	44	66	-	61	" 20 to 25	"	44		16
"	40 to 45	"	44	-	51	" 25 to 30	"	44	-	7
44	45 to 50	"	46	-	38	Over 30	- 66	46	_	10
"	50 to 55	44	44	-	39	Unknown,		44	-	27
44	55 to 60	66	44	-	25					
44	60 to 65	"	44	-	19					441
44	65 to 70	66	66		17	PRESSE				
44	70 to 75	"	66	-	6					
44	75 to 80	"	"	-	9	PERSONS				
Over	80	66	44	-	1					
					441	PRESERG				

TABLE 12.

Statistics of the Hospital, from January 18th, 1833, to November 30th, 1850.

TABLE 13.

Diseases that have proved Fatal.

				100	1850.	Previously
Marasmus, -	Annual I	-	11		2	59
Apoplexy and Pals	sv	-		-	6	37
Consumption, -			-	-	7	32
Epilepsy, -	1 2 - 1	1 2 8	-	-	9	29
Disease of the Hea	art	-		-	1	17
Suicide, -	-	-	-	-	1	16
Disease of the Bra	in	1	-	- 1	2	15
Typhus Fever, -	-	-	1-	-	3	7
Lung Fever, -			-	-	1	11
Hemorrhage, -	torder ov	a sign i			Ō	5
Dysenteric Fever,	Marine V		00-W	-	1	7
Cholera Morbus,	-	-	-	-	0	
Inflammation of the	e Bowels.	-		-	0	4 4
Mortification of the					0	3
Dropsy, -	-	-		-	2	
Chronic Dysentery,			Militaria	0.00	Õ	4 4
Erysipelas, -	i an inga y	of the last	102011		5	7
Diarrhœa, -					1	15
Disease of the Bra	in from Int	omnorar	000		ō	
Bronchitis, -	m nom m	emperar	ice,		1	2 2 3 4
Old age,					2	3
Gastric Fever, -	Familia -	-		-	õ	1
Land Scurvy, -	-Jawa Bi		- 5 0		0	1
Congestive Fever,	-	-	-		0	2
Concussion of the	Dunin	-	-	-	0	î
Disease of the Bla	ddan,	-			0	1
	duer,	-	-		0	1
Fright, -	-	-	-	-	0	1
Rupture, -	1010 1 759				10	9
Exhaustion, -	distributed to	and the second	and the same		0	2
Convulsions, -	-	-		-	0	4
Cholera, -	THE PARTY OF	-	-	-	1	0
Asthma, -	Terrana Taran	-	-	1 3	1	0
Hydro Thorax, -	-	-	-	-	1	0
Cancer, -	-	man o	de a		1	0
					57	309

Our mortality has, the past year, been greater than usual. But it has been confined almost wholly to feeble patients whose physical systems were worn out and whose mental recovery was hopeless. In several of the fatal cases their insanity was only one of the symptoms of the lingering dissolution of their physical powers. Some few of the poor and friendless have been brought to us in their last sickness, when delirium had rendered them troublesome, to be taken care of where they were.

The usual summer complaints visited our household but very lightly. The month of August, which is usually the sickly month, brought less sickness of any kind this year than ever before. We have had nothing like an epidemic, unless about twenty-five cases of erysipelas, which occurred in the spring, may be so called. These cases made their appearance from the last of February to the first of June, in a majority of the wards, without being in any instance contagious. No cause can be assigned with certainty for their breaking out then more than any other time. The inflammation was, in a majority of the cases, confined to the head and face, and when the disease extended down into the body it was apt to be fatal. In some few, the inflammation extended to the integuments under the skin, and then sloughing and purulent matter was formed.

By the above table, it is shown that five patients died of this malady. The lady, Mrs. Eliza F. Richardson, who assisted in my family, also died of it.

It was noticed that those patients who occupied rooms nearest our hot-air furnace, and were consequently the warmest, were most liable to its attack. The air in our wards in the winter is rather hot and dry than otherwise. Some of the floors where this disease prevailed are but seldom wet.

Consumption and its near associate, marasmus, has found, as heretofore, some victims among us. Wasting away of their lungs and emaciation of the whole system, are the very common results of chronic insanity.

Epilepsy is one of the most common causes as well as one of the most common sequels of insanity. It is very often one of the prominent symptoms of insanity brought on by habitual intemperance; and, where it is so, fatal results follow in a short time. When epilepsy comes on in childhood the mind almost ceases to expand, and, although the person may grow up to manhood, the mind becomes fatuitous.

Of twenty-eight epileptic patients who have died in this Hospital, and whose history was in certain particulars known, the following table (No. 14) shows that, on the average,

	Insane before coming to the Hospital—	Remained in the Hos- pital—	Died at the age of-
23 males,	36 months,	13½ months,	42 years.
5 females,	60 months,	14 months,	38 years.

The number of males afflicted with epilepsy in this Hospital is greater than that of females. The males died at the most advanced age, but they may have been, and probably were, attacked with epilepsy later in life than the females in the cases considered.

The accessions of the fits of epilepsy are very irregular as to time and severity in different persons. Some have one or two fits every day or two, or every month or two. Some have ten or twenty fits in quick succession and are much disturbed in mind for several days, to be followed by an interval of some weeks or months of freedom from fits and by serenity of mind. Some are seized only while asleep and some only while awake. In some, the fits amount only to slight dizziness which hardly takes away consciousness. In others all the senses are locked up for the time, and the physical system is racked with convulsions horrid to behold. As a general thing, these persons are unconscious at the time of the fit, and, after apparently suffering the most frightful tortures, wake up and inquire of those around what has happened. A very few have a short warning of the coming on of a fit, but generally they know nothing of it except as they are told by others. Most epileptics enjoy the pleasing delusion of believing that their fits are constantly becoming lighter and more unfrequent.

The management of them should be kind and conciliating. About the time of having fits they are irritable, jealous, and easily provoked to violent actions. They will not be driven, but must be flattered. They should have exercise, but should never get fatigued. Their diet should be sparing but nutritious. They should never overload the stomach or become surfeited.

But little can be done effectually in the way of medical treatment. In slight cases, stramonium, nitrate of silver and sugar of lead have got some reputation. In a few cases, unconnected with insanity, a mitigation and a cure even has followed their protracted use. But the instances of recovery are rare.

The prospect before these persons is to us always cloudy; and experience tells us that it will invariably grow darker.

TABLE 15.

Per Cent.

0 1			83	95
. 1850.	254	V-400000	10	12
1849.	22.22	81 01 444	52	6
1848.	86 13 19	81-150,700	64.	7.92
1847.	72 49 17	7.950.00	70	7.95
1846.	57 28 28	101100	9	7.59 10.58
1845.	894 624 314	E 7 4 0 0 0	43	7.59
1844.	24 24 24 24	75000000	ಣ	5.74
1843	88 68	35 v 9 s	44	6
1842.	91 46 16	80 55 8 4 8 8 5 5 6 8 4	23.	70
1841.	91 49 21	84 24 23 9	ಣ	5.15
1840.	25.53	25 4 7 7 2 2 2 7 7	33	6.55
1839, 1840.	90 47 17	72 25 0 8 8.	50	986
1838.	86 52 15	86 10 10 10 10 10 10 10 10 10 10 10 10 10	43	7.58
1837.	32 23	21 6 10 10 21	25.	5.5
1836.	84 53 19	25 16 15 16 16	321	6.3
1835.	85 46 18	21 7 17 23 23 7	331	99.9
-	82 54 20	18 6 11 24 6	331	6.8
1833. 1834.	1 1 1	864725	25	3.7
	1.1.1	-im	each -	resi-
	Per cent. of recovery of recent cases, -  " " of all discharged,  " " of old cases, -	Per cent. of the admissions of the most prominent causes in each year—  Ill Health, Religious, The Affections,	Per cent. of deaths of all in the Hospital, each year,	Per cent. of deaths of average number of residents each year,

The farm connected with this Hospital is comprised of about one hundred acres. It is well adapted to grazing and tillage. Its productions are abundant to sustain our stock of four horses, two oxen and twenty-three cows. The milk of the cows has been wholly used by the inmates of this establishment. About seven acres were tilled for raising vegetables for the table and the stock. A list of them below shows their abundance and their value as estimated by Mr. Thomas Hill, the steward. The three great ends or purposes of our farming are the raising of vegetables for the table, producing milk and meat from our stock, and supporting the horses for the pleasure of the patients and use of the establishment.

The profits of our farming cannot be ascertained with much accuracy. The business is secondary to the care of the patients. It is necessary to have always about the Hospital some men, who have no particular duties assigned them, to take the places of those who may be necessarily absent. These, when not otherwise employed, work upon the land with such patients as will labor with beneficial results, or be themselves benefited by the labor. Labor tends to give health and strength to the physical system; and, as it requires a certain amount of thought and attention, it is thus effectual in diverting the thoughts of the insane, for the time, from their morbid channels. Whatever will do this most effectually is the great moral means in the recovery of their reason and self-control. We often have twenty or thirty male patients out about our premises at work, and as many females in our kitchens and laundry, besides those who knit and sew in the wards. Much valuable labor is accomplished by them. They are encouraged to labor, for its immediate benefit to their health, and for its ultimate effect in lessening, in some degree, the price of their support here. For the support of those patients who have no means of their own, and no legal settlement in this State, a certain fixed sum for each has been annually drawn from the treasury of the Commonwealth; but for the support of all others in the Hospital the price is annually determined by the current expenses. It has always been our wish, and towards which point our efforts have been directed, to bring the price of board here within the means of the unfortunate insane and their friends, who are too often ill prepared to sustain their pecuniary burdens.

The products of the farm and garden consisted of

8

Potatoes,	75	bushels,	at	60	cents,	(00	WO PL	0 39	moVI	na y	\$45	00
Green pea	s, 30		44	\$1	,		blin	dint	ALT.		30	00
Beets,	220	44	66	25	cents,		N. P.			-	55	00
Turnips,	180	66	66	66	44		mom y	ana	HO 07	H OND	45	00

Parsnips, 35 bushels, at 67 cents,			bot	20000		\$23	45
Onions, 130 " " 67 "	1 hond	nhn is				87	10
Apples, 55 " " 50 "	19.100	a quali	08.0	Moob		27	50
Winter squash, 7,000 pounds, at 1	cent,					70	00
Cabbages, 1,500, each 4 cents, .						60	00
Quarts of milk, 39,000, 31 cents,	han a		. 10	- Politi		1,365	00
Beef, 4,032 pounds, 6½ cents, .	7 3181	(I )				262	08
Pork, 11,986 " 6 " .		THE PERSON NAMED IN				719	16
e bornes for the pleasure of the					8	32,789	29
There was raised for wintering	the sto	ck,					
Hay, $58\frac{1}{2}$ tons, at \$10,		10.00				\$585	00
Carrots, 2,130 bushels, at 25 cents			1.00		Lat	532	50
Oats, 13 bushels, at 40 cents, .						5	20
Oats, cut green, 5 tons, \$10,						50	00
all dates with beneficial results, or						C DOM:	Ogli
					5	\$1,172	70

Besides the above, the garden produced a large supply for the establishment, of cucumbers, lettuce, tomatoes, &c.

Our patients have spent their time the past year in labor, amusements, and socially, in their wakeful hours. The amusements most in vogue, are our in-door ball and pins, cards, chess and back-gammon. Mental diversion and bodily exercise are the objects we have in view. The more intelligent class read the daily prints and the books from a library of several hundred volumes devoted to their use. The local newspapers of this State find readers particularly interested in each of them. Many such, by the favor of their editors and by exchanges from the printing offices in this city, for which we are very grateful in behalf of our patients, are distributed weekly in all our wards.

The following are sent our inmates gratuitously. For such valuable gifts our inmates are very thankful. The Daily Advertiser, Evening Gazette, Olive Branch, Puritan Recorder, Christian Witness and Church Advocate, Christian Watchman and Reflector, Youth's Companion, Monthly Religious Magazine, and Boston Saturday Rambler, from Boston; Register and Mercury, from Salem; Sandwich Observer; Lynn News; Old Colony Memorial; Gospel Messenger, from Utica, N. Y.; The Daily and Weekly Spy, Palladium, Cataract, Christian Citizen, and The N. E. M. T. Journal from this city. Besides these, there are as many more sheets taken by the various members

of our family just from the press. These pass from one patient to another as they are read.

Our patients walk out pleasant days with their attendants, over the neighboring hills, and they ride in two carriages devoted to their use. The matron's parties are still kept up; and, occasionally, dancing parties for the patients of both sexes, with their attendants, are got up during the winter evenings.

The "Macomber Troupe" most kindly volunteered their services, and entertained our assembled household, in the chapel, on the afternoon of the 13th of May, for an hour, with their agreeable music. Madam Lovarney, with her assistants, also gave us a delightful concert, August 13th, in our chapel, at which between two and three hundred of the insane were present; and they seemed to be much gratified in having made our household happy for an hour.

For the President's Message in 3 vols, and other valuable public documents, we are indebted to the Hon. Charles Allen. During the year, Charles Calhoun, Esq., forwarded, for the use of our inmates, two large packages of printed documents of the legislative proceedings. Other friends have occasionally remembered us in like manner. The Hon. Horace Mann sent us a large box of books and pamphlets, and Miss Dix a beautiful engraving. From the honorable senator in Congress from this city, we have just received two volumes of the President's Message, the Patent Office Reports of 1848 and 1849, and a copy of the Congressional funeral rites of President Taylor.

The religious services have been ably performed and appropriately conducted by the chaplain, who has for many years dispensed the word to this peculiar congregation of about three hundred persons. The patients usually observe great decorum in the chapel, and many fully appreciate this privilege of assembling for social worship. Many of the insane, as well as the afflicted, receive, with grateful hearts and very susceptible emotions, the consolations of the gospel.

Most respectfully,

GEO. CHANDLER.

STATE LUNATIC HOSPITAL, Worcester, Dec. 2, 1850.

REGISTER OF THE WEATHER, kept at the State Lundic Hospital, Worcester, Mass., Lat. 42º 15' 49"-Elevation 483 ft.

REMARKS.	otab vilas sald sald sald ino	Windy at night.	Ground frozen.		יוו מוכ ווופוורי	Hall and snow-		Snow squalls,	in the sale of the			Cake Call of anomy in the winds	Slight fall of show in the ment.	Cold winds.				PUM	mar.		The state of the s	Cold winds.	0	Snow melting. I men snow.		2 inches snow.	Rain in the night.	I inch snow.	Snow squalls.				In inches snow.	· 自次色の湯 母 門 門 は の	2 inches snow.	Amount of Snow, 83 inches.
Inches	Rain.	-	9	45		1 21.					03	2000						N		000	20.				.50	2	H .45 K	-	80.					.18	- 25	10 inches
	Sunset.	Cloudy	Fair	Dain	nam C	Cloudy	op	op	Fair	Cloudy	Doin	Mailli Cil. 1	Cloudy	Fair	op	Cloudy	do	do	Don	L'ain	rair	do .	Cloudy	Kain	Fair	Snow	Cloudy	qo	op	op	Fair	Cloudy	Rain	Fair	Cloudy	Ameni of Dain 2 10 inches
WEATHER.	2 P. M.	Fair	do		Kain	Cloudy	qo	Fair	do	Cloudy		L'ain		Fair	op	Cloudy	do	00	000	Kain	Fair	op	op	Cloudy		_		Snow	Fair	Cloudy	Fair	qo	Snow	Fair	qo	A mount of
W	Sunrise.	Fair	Fair	1007	Kain .	Cloudy	op	do	Fair	Cloudy	Conord	Fair	Cloudy	Fair	do	do	do	000	Smoky	Cloudy	Fair	qo	qo	Cloudy		dy		Snow			qo	Cloudy	Snow	Fair	Snow	
	Sunset	N. W.	2		N. E.	W.	qo	do	do	M N		E.	S. W.	N. W.	do	do	000	2	S. W.	i i	N. W.	N. W.	N. E.	S. E.	N. W.	N.E.	S. W.	op	N. W.	W.	S. W.	qo	S. E.	N. W.	do	1000 . 0000
WIND.	2 P. M.	N. W.	2		N. E.	ż	S. W.	W	do	W W		. F.	S. W.	N. W.	do	do	211	S. W.	00	S.	N. W.	op	do	có	N. W.	N.E.	W.	ò	N. W.	W.	S. W.	N. W	S. E.	N. W.	do	00000
	Sunrise 2 P. M. Sunset.	W. S.	M W		· ·	op	o.	W.S.	N		on	op	W.	N. W.	do	W	. M.		N	S. E.	S. W.	N. W.	op	σά	N. W.	Z	W.	E.	N. W.	qo	S. W.	W.	S. E.	N. W.	N. E.	
ER.	Sunset.	1		23.11	29.32	29.31	29.10	100		20.00	29.00	29.40	29.32	99.48		00.55		_		-1-1	29.38		99.79	29 10	99.49	28.90	29.01	99.95		-	30	-	99.90	29.50	29.52	
BAROMETER	2 P.M.	90 06	00.00	23.16	29.31	29.32	99.10	90.05	00.00	10.00	29.01	29.43	29.30	99 45	00 00	00.00	40.02	29.40	29.70	29.49	99.98	29.70	99.80	29.20	99.39	12.62	28.90	00 66	98.96	99.56	00 40	90 74	99 95	29.52	29.44	
BAE	Sunrise	00 00	00000	23.70	29.51	29.28	99.90	90 11	00 00	20.40	23.01	29.51	99 20	99.83	90.75	000 21	10.62	29.43	29.60	29.60	29.20	29.60	99.81	29.86	29.20	29.48	28.70	99.10	98.87	99 42	00 40	90 65	90.55	99.40	29.42	
TER.	Sunset.	9.4	200	20	9%	34	37	200	66	320	25	23	555	96	000	000	250	33	33	40	88	94	16	447	253	96	200	30	29	11	90	95	98	24	20	
THERMOMETER.	2 P. M.	12	140	20	27	255	477	0.3	00	25	56	223	27	00	000	9.0	20	34	37	40	43	98	16	46	98	92	200	44	7	13	30	000	8	300	21	
THER	Sunrisc	00	20.	II	23	55	600		40	7 .	18	17	33	000	10	250	17	63	65	35	7	0.6	16	98	65	000	16	00	10	40		000	0.50	91	16	
1849. DECEMBER.	Day of the Week	0	Saurday	Sunday	Monday	Tuesday	Wodnosday	The canceaga	Inursday	Friday	Saturday	Sunday	Monday	Tuesday	Wadana	wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Priday	Saturday	Sunday	Monday	
DEC	Day of Month.	1-	1	25	8	4	10	00	10	- (	00	6	10	11	10	200	13	14	15	16	17	18	10	20	91	666	600	10	92	976	26	000	000	30	315	

REGISTER OF THE WEATHER-Continued.

12888	417	So l	Sum Sun. 299.	Sunrise 2 P. M. Sun 29.60 29.60 29 29.50 29.49 29 29.50 29.49 29	M 02 1	Sumrise of N. W. N. W. W.	S. W. N. W. W. W. W.	. m Z		M O E	. 7 50	Inches of Rain.	REMARKS.  A inch of snow in the night.  do do do
250 33 37 2		828822	25.50 25.60	29.45 29.50 29.50 29.50	89.89 89.89 89.89 89.89 89.89	N. K. K. K. K. S. S. K.	88 × 88	NNN S	Fair do Cloudy Snow Cloudy Fair		do Fair Cloudy do do do	4 .	Commenced snowing at night. 54 inches snow. 4 inch of snow in the night.
91491二898		80 80 80 80 80 80 80 80 80 80 80 80 80 8	28.25.25.25.25.25.25.25.25.25.25.25.25.25.	29.30 29.30 29.71 29.72 29.44 29.44	29.10 29.11 29.70 29.45	N.W.S. S.W.N.	S & W & W	N. S.	Cloudy Foggy Fair Cloudy Fair Snow	Rain Fair do Cloudy Fair do	Rain Cloudy do do do do Cloudy		Commenced raining at 10g A. M
95223338		888888	88888888 8886888 5445	29.19 29.45 29.58 29.55 28.73 29.66	29.09 29.59 29.59 29.59 29.59 29.59	N. W.	NN Se WN	S.N. S. K.E.	Hazy Cloudy Fair Cloudy Rain	Hazy Fair do Cloudy Rain Fair	Snow do Snow Fair do	22	5 inches snow. Windy. Halo around the moon.
83444888	1010-10-10-00	83443888	2000 00 00 00 00 00 00 00 00 00 00 00 00	224458888888888888888888888888888888888	29.29.29.29.29.29.29.29.29.29.29.29.29.2	S.S. S.S. S.S. S.S. S.S. S.S. S.S. S.S	S. N. N. S. W.	S do S E	Hazy Rain Fair Foggy Fair Cloudy Fair do	Hazy Cloudy Fair do Cloudy Fair do	Cloudy do Fair Snow Fair do	. 18 . 00 . 24	do do do do sinches snow.

The Thermometer has ranged from 2° to 45°. The Barometer from 28.73 to 29.90 inches. Amount of Kain 4.79 inches. Amount of Snow 15 inches.

## REGISTER OF THE WEATHER-Continued.

REMARKS.	A Comment of the Comm	Jainch of snow.  do  do  do  do  Halo around the sun. Jainch of snow in the night. High winds. Jainch of snow in the night.
Inches	Rain.	1.65
	Sunset.	Fair Hazy Fair do do do Cloudy Snow Rain do Cloudy do do cloudy
WEATHER.	2 P. M.	Fair Hazy Go Go Go Go Go Go Go Go Gloudy Fair Go Go Go Gloudy Fair Go G
4	Sunrise.	Fair Hazy Rain Fair do
	Sunset.	N. N
WIND.	2 P. M. Sunset.	N.N.N. S.
	Sunrise	N. S.
SR.	Sunset	29.60 20.60 20.60
BAROMETER.	2 P. M.	29.50 20.50 20.50
BAB	Sunrise	25.55 25.55
FER.	Sunset	88222-124449842882222288488
THERMOMETER.	2 P. M.	\$
THER	Sunrise 2 P. M.	888°04,4011488888888888888888888888888888888
FEBRUARY.	Day of the Week.	Friday Saturday Monday Tuesday Wednesday Thursday Friday Sunday Monday Tuesday Wednesday Tuesday Wednesday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Wednesday Tuesday Tuesday Wednesday Tuesday Wednesday Tuesday Tuesday Tuesday Tuesday Tuesday Tuesday Saturday Sunday Thursday
FEB	Day of Month.	

The Thermometer has ranged from 4°. below 0 to 48° above. Barometer, from 28.52 to 30.05 inches. Amount of Rain, 3.23 inches. Snow, 2 inches.

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REGISTER OF THE	
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MA	MARCH.	THER	THERMOMETER.	TER.	BA	BAROMETER	SK.	L	WIND.		The second	WEATHER		Inches	DEMADES
Day of Month.	Day of the Week.	Sunrise	3 P.M.	Sunset.	Sunrise	2 P. M.	Sunset.	Sunrisc	2 P. M. Sunset.	Sunset.	Sunrise.	2 P. M.	Sunset.	Rain.	
1	Friday	31	44	37		28.46	28.59	S. E.	S.W.	N. W.	Rain	Fair	Fair	1.05	3 inches of snow in the night,
4.	Saturday	95	35	33		29.07	29.09	W.	op	W.	Fair	op	Cloudy	,	
-	Sunday	30	900	31	90.12	29.20	99.95	N. W.	E.	N.	Cloudy	Cloudy	Fair		Robins appeared.
-	Mondoy	20	486	000		90.58	99.51	op	MN	N. W.	Fair	Fair	op		and do compare
	Tuesday	90	350	66		69 06	69 06	do	do	Z	do	do	do		
-	I ucsudy	P 0	250	2 0		90 46	00 00	M S	3	C C	do	do	do		
-	Wednesday	400	200	000	00.00	000 11	12.52		5 2	iz	900	Cloudy	Sugar		
	Inursday	000	200	000		20.01	20.00	N W	N.F.	900	On do	Poin	Cloudy	1.16	9 inches cnow
-	Friday	200	20	07		23.10	23.25		:-	an an	L'ain	Lygill	Cloudy	000	Williams show.
	Saturday	220	60	200		29.49	29.00	N.	op.	N. W.	Fair	rair	rair	20.	windy.
-	Sunday	31	44	37		29.25	29.37	S.E.	. W.	op	op	op	op		
	Monday	21	31	30	29.38	99.47	29.47	N. W.	qo	op	Snow	Cloudy	Cloudy		
-	Tuesday	25	36	32	29.45	99.53	29 55	N.E.	do	op	Fair	Fair	Fair		Cold winds.
	Wednesday	.31	50	474	09 66	99 50		S. W.	T.	oi.	Snow	do	op	.15	3 inches snow.
*	Thursday	516	58	58	90.13	90.04		V.	do	W.	Fair	do	Rain		Blue birds appeared.
	Friday	98	48	48	00 00	90.30		W W	MN	N. W.	Rain	Cloudy	Fair		Showers in the night.
- 4	Saturday	08	44	557	90 58	09 06		do	do	Z	Fair	Fair	do	45	Warm and muddly
	Sunday	000	80	56	90.70	60.20	90.65	do	E X	S	do	Cloudy	Cloudy		
	Monday	660	90	66	90 49	98 06	90.30	-	NE	NE	Clondy	do	do		
	Theoday	000	25.	000	90.00	00 42	00.50		N	N IN	Snow	Sugar	Sugar		4 inches encw
-	Wodnosday	101	Ue	000	90.20	00.00	00.00		do	do	Fair	Fair	Fair	. 35	a de la companya de l
-	Thursday	=	000	300	90.58	90 46	90.85	do	do	do	do	do	do		
	Friday	011	30	40	90 00	90 93	Pe 00	do	do	do	do	do	do		
. 3.	Saturdan	15	- 00	0.6	06 06	90 05	98 99	7	NE	N. E.	do	do	do		
	Sunday	0.6	30	355	99.00	00 10		N. W.	N. W.	N. W.	Cloudy	Snow	Snow		
	Monday	00	175	27	99.04	99.04	-	do	do	qo	Fair	Fair	Fair	.33	6 inches snow.
-	Tuesday	06	36	30	20.05	99.10		S. W.	W.	W.	do	do	do		
	Wednesday	97	37	10	90.20	90.01		W.	N. W.	N. W.	do	do	qo		
-	Thursday	30	39	66	99.05	90.00	90'66	Z	N.E.	Z.	Cloudy	Cloudy	Cloudy		
	Friday	93	44	36	90 16	90.93	90 95	N. W.	N	S.W.	Snow	Snow	Snow	91.	2 inches snow.
-	Saturday	98	44	40	29,38	29.44	29.46	W.	W.	N. W.	Fair	Fair	Fair		Frogs peeped.
-	Sunday	66	47	60	00 40	00 40	00 40	do	W N	do	do	do	do		

REGISTER OF THE WEATHER-Continued.

REMARKS.		Chick weed in blossom.	Puss willow.		Spow at 91 P M	Chow at 25 to me.	Dealers messesses America moderate	eon.	Junemes show.		High winds. Clear sunset.	Crocus m blossom.	Trailing Arbutus.	3 inches snow. Equalls.	Snow with rain.	2 inches snow. High winds.	Dandelion in	Snow last night, 3 inches. High winds		Hyacinth in blossom.		Cinquefoil. Halo around the moon.	Saxifrage.	-	Loughan Sound none	George Hyperinth Periwinkle	Woodnest in annound liverwort	Scotch I amb Barn ewellows anneared	Delic Learn at 10 A M	Kam began at 10 A. M.	High winds in the alternoon.		inches. Amount of Snow. 13 inches.
Inches	Rain.	78				101	1.30							.15		.50					,				91.						2.10		n 5.53
	Sunset.	Fair	do	Cloudy	Suma	Chande	Cloudy	Fair	op	op	qo	do	do	Cloudy	Suow	Fair	do	- op	op	op	qo	qo	qo	Rain	Fair	900	op	0D	do	Cloudy	Fair	00	not of Rai
WEATHER	2 P. M.	Fair	Hazv	Enin	Dain	Walli	Cloudy	Snow	Fair	op	do	do	do	Snow	do	Fair	do	op	do	do	Cloudy	Hazy	Fair	Rain	Cloudy	Fair	do	qp -	do .	op	Kain	Fair	m m ac co co co 60 67 inches Amount of Rain 5 53 inches.
M.	Sunrise.	Fair	do	do	Dana	Main .	Cloudy	Show	Fair	qo	do	do	do	Snow	Cloudy	Fair	do	do	do	do	Cloudy	Fair	do	Hazy	Cloudy	Fair	op	op	Hazy	Cloudy	Rain	Fair	3 CT inches
-	Sunset.	W W	do	20	0.0	00	S.	N. W.	qo	qo	qo	qo	W.S.	Z.	N	do	do	do	qo	op	qo	op	do	S. W.	N. W.	op	op.	op	. E.	qo	N.E.	S. W.	0 - 00
WIND.		N N	- do	200	. F.	op.	N.E.	qo	N. W.	S. W.	N. W.	qo	do	S. S.	100	N N	do	do	do	do	do	qo	qo	S. E.	N. W.	op.	op	qo	S. E.	qo	lo l	S. W.	00
-	Sunrise 2 P. M.	W	. M. O		5. E.	00	N.E.	op	N. W.	S. W.	N. W.	do	do	E S	1	N W	. 3	90	do	do		N. W.	op	S. W.	op	N. W.	c <sub>o</sub>	qo	N.E.	S. E.	qo	S. W.	
R.	Sunset. 8	00 00				28.85	29.52	29.16	29.22		2014	200	00 An	05 00	00.00		23.00	00.00	90.00	29.00		100	200	99,39	-		29.50	29.34	29.37	29.30	_	29.50	
BAROMETER.	2 P. M. S	100				-	-		-			-		-	-		-	00.00			- 0	44		-		-		-			-	29.43	
BARC	Sunrise 2	_	00.62	1		46	-		-				-				26.69		40.02		-	90.49		19	63	09	44	488	35	36		-	
ER.	Sunset. S	1	48				4		45							27 6					45			45	46		t	199				09	
TOMET	2 P. M. S	100	000	20	65	34	314	24	57	32	000	000	82	00	90	25	223	250	100	3	41	100	50	45	55	49	69	7.1	65	737	99	65	
THERMOMETER.	Sunrise 2	1	320	35	96	43	27	200	0.7	21	00	200	4.20	42	62	53	52	5.5	62	100	020	210	07	333	7 7	30	42	48	7.47	59	48	45	
APRIL.	Day of the	-	Monday	Tuesday	Wednesday	Thursday	Priday	Cottordor	Sanday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	
A	Day of Month.	1	-	64	65	A	P 10	2 11	10	-	000	6	10	=	12	13	14	15	16	17				22	250	94	100	36	500	000	06	30	

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The Control of the Co		REMARKS.	Anemone Sanguinaria. Slight rain. High winds. Cat birds appeared. Crown Imperial.	Rain last night. Cherry Tree. [Tree. Pyrus Japonica Missouri Currant. Peach	Shad Bush. Cowslip. Bright Auroral cor- Common Currant. Blue Violet [onal.	Rain at 5 A. M. Scrub Oak. Wild Columbine. Strawberry. Blue Berry.	Flowering Wintergreen, Plum Tree, Moss Pink, High winds, Aurora faint.	High winds. Leatherwood.	Rain last night. Matholia. Buttercup. Elder. Yellow Violet.	Orioles appeared. High winds. Apple tree.	Frost last night. Bob.o-link.	Rain continued. False Cohosh. [Robins.	Flowering Almond. Night Hawks app'd.	Wird Sarsaparina, Den Wort, Solomon's Tulip, Slight rain in the afternoon, [Seal.	Rain continued. Gooseberry, Narcissus.	red. Shower	Cornus Florida, Enower last night. Shower last night	America Comment St. Johnswort.
	Inches	Rain.		2.10	9			, ,	.45			.75	. 62	3.	1.50	5.8	9.3	
REGISTER OF THE WEATHER-Continued.	3.	Sunset.	Fair do do	Rain	Fair	do	Hazy Fair	do	Rain	စု စု	do	Cloudy	do	Foggy	Cloudy	Cloudy	Cloudy	0
ER-C	WEATHER.	2 P. M.	Cloudy Fair do	Rain do	Fair	Rain	Hazy	Fair	Rain	Hazy	Fair	do	Rain	Cloudy	Rain	Cloudy	Cloudy	do Rain do Garage
EATH	8	Sunrise.	Fair do do	Rain do	Fair	Rain Far	မှ မှ	do do	Rain	Fair	op op	Rain	Rain	Hazy	Rain	Fair	Cloudy	do ob
E W	N. P.	Sunser		do N. W.	S. E.	S. W.	V. W.	유달	N.E.	e e	S.S.	N. W.		N.E.	N. W	SE	N.Y	op o
TIII	WIND.	2 P. M.		NZ.	e e	S. E.	× ×	N. E.	-	N. W	-	N. W	S.E.	N.	W.		N. S.	7
3 OF	THE RE	Sunrise	r.	N.E.	-	S. S.	do N.	op op		N. W.			E S	do	N. N.	. W.	Z. Z	N. E.
STE	IR.	Sunset.				28.88	29.16	29.20		Free			. ,			29.35	3000	29.39
EGI	BAROMETER	2 P. M. 8		28.8			29.21			28.85				-	-	-	20.25	-
I	BARG	Sunrise 2	29.34 29.49 20.57		10.00					28.86			200		29.27		-	29.32
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	ТН	Numrise		\$25	45	‡8	37	52	46	99	45	348	4	45	3.2	57	200	43
850	MAY.	Day of the Week.	Wednesday Thursday Friday	Saturday Sunday Monday	Tuesday	Thursday	Saturday	Monday	Wednesday	Friday	Sunday	Tuesday	Thursday	Friday	Sunday	Tuesday	Wednesday	Friday
1		Day of Month.	- 01 00	4100	r-00	90			15	17		62.6	23.5	488	22	82	28	5

Range of the Thermometer from 37° to 75°. Barometer, from 28.35 to 29.68. Amount of Rain, 7.50 inches.

REGISTER OF THE WEATHER-Continued.

Sag mag	MESHARIAS.	Rain last night. Cornel Tree. King-birds-	Housing Change of 9 D M (1 hoter.	Hawmorn, Ellowers at 2 1, In. Louvel	Calycanthus, Shower last might, Wille	Twin Berry. High Winds, Slight rain.	Fleur de Lis. Single Peony. Brideswreath.	Snow ball. Mountain Ash Maple. [mine.	Phlox. Persian Lilae. Bladderroot Jes-	Russian Rose. Thunder shower at 44 P. M.	Star of Bethlehem. Thunder shower.	Rain continued. Thunder shower. Lupine.	Slight show'r. Spiderwort. Strawb'ry tree.	Grass Pink, Italian Honeysuckle, Pea.	Monkshood, Dwarf Cornel, Rose Acaria.	Bach, Button, White Peony, Scotch Rose.	Syringa. Low Blackberry. Water Lily.	y. Wild Iris.	Hawkweed. Starr Grass. Orange Lily.	Sage, Rubarb, Rock Rose, Mock Orange.	Shower at 23 P. M. A gale.	Southern wood, Locust, Tulip I ree.		Rain in the morning. Showberry, [F. M.	High Laurel.	Loose Strife.	Water Hemlock.	Shower in the mght,	D	M.	Fringe Tree, Yarrow Mullen.	Wild Sage.	
Inches	Rain.	-	00	02.	90.					.95		.45	.45				,						30.		.40						.93	.30	
Committee of	Sunset.	Pair	1 1	op.	op	do	op	op	do	Rain	Cloudy	do	Fair	do	do	do	do	do	do	op	op	qo	op	Cloudy	Fair	op	qo	do	Cloudy	Rain	op	Fair	
WEATHER.	2 P. M.	Pois	100	Kain	Fair	qo	do	do	do	do	op	Rain	Cloudy	Fair	op	do	do	op	do	do	op	do	do	-		Fair	qo	do	do	Rain	Fair	op	
N	Sunrise.	Claude	Ciona	Fair	do	do	do	do	do	do	do	Rain	Fair	do	do	op	do	qo	do	qo	do	do	do	Foggy	Ram	Fair	op	op	op	Cloudy	Fair	op	
	Sunset.	N	1	W.	S. E.	N. W.	W S	S.	N S	do	N. W.	do	do	do	do	do	op	qo	S.W.	N. W.	S. W.	N. W.	op	S.E.	N. W.	W.	N. W.	qu	S. W.	S. E.	qo	S. W.	
WIND.	2 P. M.	100		op	N. W.	do	do	O.	S. W.	do	NE	N	do	do	do	op	S	N. W.	do	S. W.	do	op	N. K.	S. E.	Z	N. W.	op	do	do	S. E.	op	op	
	Sunset, Sunrise 2 P. M. Sunset.	N E		op	N. W.	op	S. W.	- 14	do	do	N	N	NW	do	do	do	O.	N. W.	qo	30	N. W.	S.W.	op	is E		N. W.	qo	op	op	72	op	S.W.	
ER.	Sunset.	90.40	20.40	29.34	29.47	29.67	29.74	99.50	09 66	00 00	99.19	00 06	99.47	90 58	00 00 To 00	99.33	99.37	99.58	29.57	29.53	29.48	99.40	29.54	29.60	29.45	29.38	99.40	29.40	-	29.35	-	-	
BAROMETER	2 P. M.	00 42	14.62	29.32	29.43	99,62	99.74	19 06	02 06	00 02	90 18	90 03	90 45	87 be	06 06			-	29.58		-	-	-	-	-		-	-	-	99.36	-	-	
BAI	Sunrise	01 00	23.40	29.33	29.38	29.50	99.71	20 64	90.71	90.38	90 18	90.00	99.19	90.40	08 56	99.30	99.38	29.54	29.58	29.54	29 50	29.46	99 39	29.60	29.50	29.36	29 39	29.42	29.40	29.36	99.28	29.27	
TER.	Sunrise 2 P. M. Sunset.	100	040	99	28	19	78	200	20	7.4	38	55	989	689	200	80	69	99	73	83	43	78	92	71	62	2	92	11	94	71	75	94	
THERMOMETER	2 P. M.	1 1 1	cc	19	27	-	83	888	200	25.5	200	64	64	200	29	88	77	71	78	98	98	16	87	75	67	92	75	20	600	20	84	85	
THEF	Sunrise	1	11	200	58	50	en de	60	69	200	65	64	209	7,00	69	89	35	58	5.5	99	20	777	77	59	26	63	65	63	19	99	63	7.5	
JUNE.	Day of the Week.		Saturday	Sunday	Monday	Thooglan	Wadnasday	Thursday	Linden	County	Sanday	Menday	Treeder	Wadnesday	Thursday	Endson E	Colordon	Samilar	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
5	Day of Month.	1	-	61	65	A	1 15	20	10	0	00	101	111	10	200	34	1 2	25	17	8	19	070	31	000	633	24	6.5	96	0.7	33	66	30	

Range of the Thermometer from 44° to 94°. Barometer, from 29.00 to 29.93 inches. Rain, 3.35 inches.

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64         20.35         20.34         N. W.	Day of the Week. Monday Tuesday Wednesday			THERMOMETER.	BAR	BAROMETER	The state of							Inches	REMARKS.
Weeknesday         55         64         29.30         29.34         N. W. W. W. W. W. W. Fair         Fair         Fair         Fair         Fair         Fair         Fair         Fair         Theeday         50         56         63         63         29.44         29.35         29.34         29.35         29.34         29.35         29.34         29.35         29.34         29.35         29.34         29.35         <	1	unrise 2			Sunrise 2			Sunrise			Sunrise.	2 P. M.	Sunset.	Rain.	Epotest at 87 B. M.
Monday   69 75 64 20.30 20.34 N. W.	Monday Tuesday Wednesday	1	1	1	-	1	1			1					M d I has M of to war S
Tuesday 57 60 58 29.33 29.44 5.E. N.E. N.E. N.E. N.E. N.E. N.E. N.E.	Tuesday	69	7.5		_			1. 1			Fair	Fair	Clanda	30	Shower at 12 m. and 11 . m.
Verliesday   55   65   65   65   65   65   65   6	Wednesday	5.7	A 03	58 1	-	-		E.	N. E.	-	Kain	Cloudy	Cloudy	000	Showers communed. A long man potent
Wednesday 55   55   20.53   20.53   20.53   20.54	Wednesday		000	000		-	-	_	-	-	Foggy	Kan	Kann		
Friday 64 87 22.35 22.24 N. W. do do do do do .40 Thursday 65 77 22.16 22.15 22.15 N. W. do do do do do .40 Thursday 70 75 74 22.34 23.35 29.24 N. W. do do do do .40 Thursday 62 77 72 22.36 29.49 29.52 do do do do do .40 Thursday 62 77 74 29.34 29.35 29.24 N. W. do do do do .40 Thursday 62 77 74 29.34 29.35 29.35 do do S. W. do do do .40 Thursday 62 75 74 29.36 29.56 29.54 do S. W. do do do .40 Thursday 63 76 78 29.56 29.54 29.55 29.54 do S. W. do do do .40 Thursday 64 83 72 29.56 29.54		CC	00	200			00.00	-	1117		do	Fair	Fair	.30	Chrysanthemum. Mullen Pink.
Friday 64 87 85 29,34 29,32 29,24 N. W. do do rate do	Thursday	63	84	80		-				:		-	do	605	Shower last night Potentia
Saturday         70         85         77         29.16         29.35         do	Tildi Sud	19	27	85		-	7	· W .	op	op	Fair	QO.	ao.	3.	
Sauurday         70         53         74         29.34         29.34         29.34         29.34         29.34         29.34         29.34         29.35         40         do         Poppy. Pipoises           Numday         76         78         29.36         29.40         29.46	Friday	40	-	200		90 16	77	da	do	do	do	qo	op	04.	Thunder shower last night, Spirea.
Sunday         70         75         74         29.54         29.55         29.55         29.55         29.55         29.55         29.56         29.56         29.56         29.66         40	Saturday	70	CS	11		23.10	23.20	on	000	27	de	do	do		Ponny Pinsisewa, Pyrola,
Namesday   69 79 72 2936 2940 2942   do   do   do   do   do   do   do   d	Sdan	00	7.5	74	29.34	29.35	29,35	op	qo	0D	00	on.	op.		M. M. M. Monthan Odorolo
Monday         Colored by Transcription         Tran	Sumaay .	000	200	000	27,00	00 40	60.00	do	do	do	do	op	op		Marsh Mallows. Itymphea Ouoraca.
Tuesday 62 75 74 29.44 20.52 400 S. W. S. E. Go do do Sauraday 62 77 82 29.62 29.63 29.65 S. E. Go do do Go Friday 62 77 82 29.62 29.56 29.54 S. E. S. E. Go do do do Sauraday 62 77 2 29.49 29.55 29.54 S. E. S. E. Go do do do Sauraday 71 82 82 82 29.45 29.54 S. E. S. E. Cloudy do Go do Go Sauraday 77 89 80 29.65 29.55 S. E. S. E. Cloudy do Go Go Go Wednesday 77 89 80 29.65 29.55 S. E. S. E. S. E. Go do Go Go Wednesday 77 88 80 29.55 29.55 S. E. S. E. S. E. Go do Go Go Wednesday 78 72 29.49 29.50 29.50 S. W. S. W. S. W. Go Go Go Go Fair Go	Monday	69	6/	7/	23.00	04.07	20.00	on.	25	W S	do	do	do		Apple tree second time.
Friday   68   76   78   29.63   29.64   S.E.   S.E.   40   40   40   40   40   40   40   4	Tuesday	65	7.5	7.4	29.44	29,50	29.62		OD	0	00.	25	7	1000	Line less
Phursday   Colour		000	200	200	69 06	8906	9063		W.	E.	qo	qo	00		
Friday 65		000	0/	01	A.C. C.	00.00	00.00		5	do	do	do	do		
Friday 60 85 80 29.56 29.54 do Go S.W. Goudy 61 83 72 29.59 29.56 29.54 S.W. S.W. Goudy 62 Goudy 77 82 29.49 29.59 29.55 29.59 29.54 Goldy 60 Go Goudy 77 88 80 29.65 29.55 29.55 S.W. Go	Thursday	62	77	80	29.63	29.00	40.62	i	. E.		-	70	do		Michigan Rosa
Saurday 61 83 72 29.49 29.49 S.W. S.W do do do do Saurday 71 82 72 29.49 29.45 29.44 S.E. S. E. S. E. Cloudy do Gloudy 71 82 72 29.49 29.45 29.50 29.50 G. S. W. S. W. do do do Go Fair Needay 77 88 80 29.65 29.50 S. E. S. E. S. E. S. E. Cloudy do Go Fair Go 29.55 29.50 S. E. Go Go Go Fair Go Go Go Fair Go Go Go Go Go Fair Go		09	85	80	99 59	99.56	29.54	op	op	S. W.	qo	op	on		TI COLUMN TO THE TANK
Saturday 64 83 72 29.49 29.45 20.44 S. E. S. E. Cloudy do Cloudy 71 82 72 29.49 29.52 20.52 do S. W. S. W. do do do do Go Wesday 78 88 80 29.63 29.63 29.63 S. W. do do do Fair do Go Wesday 78 88 80 29.63 29.63 29.50 S. W. do Go Wesday 74 88 80 29.55 29.50 S. W. do Go Wesday 77 73 73 29.47 29.22 29.50 S. W. S. W. S. W. Goudy Cloudy Cloudy 72 73 74 29.43 29.49 S. W. S. W. S. W. Cloudy Cloudy Cloudy 72 87 81 29.41 29.49 S. W. S. W. S. W. Goudy Cloudy Go Go Wednesday 77 88 85 29.49 S. W. W. W. W. W. W. W. Go		00	33	200	00.00	00 00	00 40	M S	M S	do	do	op	qo		
Sunday 71 82 72 29.49 29.45 29.44 S. E. S. E. S. E. Oloudy Counday 76 87 80 29.66 29.52 29.56 S. W. S. W. Go do do Fair Go 29.66 29.52 29.50 S. W. Go do Go Fair Go Go Go Go Fair Go Go Go Go Fair Go		19	83	7	00.62	20.00	23.40			0 0	Clandy	do	Chandy		8
Name         Fried         Fried         Price		12	288	67	29.49	29.45	29.44	3. 5.	3	i	Cloudy	000	C. mary		Wild L. den Greent Slight rain.
Monday         77         89         80         29.63         29.64         29.22         29.29         29.20         30.60         40         do         do         do         Hazy         40         40         70         40         70         40         70		200	0.7	00	90 46	00 50	90,59	do	S. W.	S. W.	qo	op	qo		Wild Indigo. Garget, Signi tain.
Tuesday         71         89         80         29,63         29,55         29,56         29,57         29,47         29,29         20,29<		10	100	000	00.00	00 00	00 63	M	do	do	do	op	Fair		
Wednesday         78         88         80         29,63         29,62         29,50         29,40         29,4		77	63	80	29.00	23.00	20.00		200	0 1	Dais	de	do		
Friday 74 88 80 29.55 29.50 S. W. do S. E. do do Hazy 2.10 Friday 72 73 73 29.47 29.22 29.20 G. E. do do do Go Rain Rain Cloudy 2.10 Saturday 59 75 71 29.16 29.23 29.30 do S. W. S. W. Cloudy Cloudy Go		781	88	80	29.63	29.62	29.56	S. E.	. E	do	Fair	on	LI		Description Charton
Friday 72 73 73 29.47 29.22 29.20 do S.W. S.W. Cloudy Cloudy Z.10 Saurday 59 75 71 29.16 29.23 29.30 do S.W. S.W. Cloudy Cloudy do Go		17.1	88	80	90.55	90 52	99.50	S. W.		S. E.	qo	QD.	LIBEY	0.0	Dwar Holse Chesting
Saturday 772 71 29.16 29.23 29.30 do S.W. S.W. Cloudy Cloudy do Saturday 59 75 71 29.18 29.49 29.49 S.W. N. W. N. W. Fair Hazy .05 Saturday 77 81 29.41 29.47 29.49 N. W. N. W. S. W. do		4	000	000	00.47	00 00	00 00	G C		do	Rain	Rain	Cloudy	2.10	Kamati A. M.
Saturday 59 75 71 29.16 29.23 29.40 S.W. N. W. N. W. Fair Hazy 0.5 Sunday 66 87 75 29.38 29.39 29.40 S.W. N. W. N. W. Fair Hazy 0.5 Sunday 77 81 29.41 29.49 N. E. N. E. N. E. N. E. do do do do do Hazy 77 88 85 29.53 29.59 29.57 S. E. N. E. N. E. W. do do do do Hazy 77 88 29.44 29.49 29.49 N. E. S. W. N. W. N. W. do do do do Hazy 57 5 29.49 29.45 29.49 do do S. W. do do Hazy 62 74 75 29.49 29.45 29.47 S. E. S. E. S. E. Rain Foggy Cloudy 77 84 29.49 29.53 29.54 do S. W. do Hazy 75 84 29.49 29.53 29.54 S. E. S. E. S. E. Rain Foggy Cloudy 77 84 29.49 29.53 29.54 S. W. do N. E. Fair 75 84 29.49 29.53 29.54 S. W. do S. W. Foggy Fair 75 Fair 29.44 29.41 29.41 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.41 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.40 29.44 29.44 29.44 N. W. do S. W. Foggy Fair 75 84 29.44 29.		7.5	13	(1)	14.0%	20.02	02.02		3	O W	Cloudy	Cloudy	do		Dahlia.
Sunday 66 87 75 29.38 29.40 S. W. N. W. N. W. Fair Fair Fair Fair Monday 72 81 29.41 29.47 29.49 N. W. do do do do Fair Fuesday 75 81 29.41 29.47 29.49 N. E. S. W. S. W. do do do do Fair Friday 65 74 29.59 29.53 80.49 N. E. S. W. S. W. do Gloudy do Friday 62 76 74 29.59 29.48 60 do S. W. do do Fair do Hazy Saurday 63 74 75 29.49 29.48 29.41 S. E. S. E. S. E. Rain Foggy Cloudy 75 84 29.40 29.53 29.59 S. W. do S. W. Go Fair Fair 75 29.49 29.45 S. W. do S. W. S. W. do Fair 75 29.49 29.44 S. W. do S. W. Foggy Fair 75 29.49 29.44 N. W. do S. W. Foggy Fair 75 29.49 29.44 N. W. do S. W. Foggy Fair 75 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.49 29.44 29.44 29.44 N. W. do S. W. Foggy Fair 75 70 29.49 29.49 29.40		59	75	71	29.16	23.23	22.30	do	. W.	0:	Common	English of	Hann	0.50	Caulthoria Procumbene Lightning.
Monday 72 87 81 2941 2949 N. W. do do do do Fair Fuesday 75 84 79 29.53 29.59 N. E. N. E. N. E. do		es.	257	7.5	99.38	29.39	29.40	S. W.	N. W.	N. W.	Fair	Fair	LI dey	2	Gaumetta Licenseau Co.
Monday 75 84 79 29.53 29.59 29.57 S. E. N. E. do		300	0.4	001	00 41	CP DO	99 44	N	do	op	op	qo	Fair		Commis.
Tuesday 75 84 79 29.53 29.54 10. E. S. W. S. W. do do do Fair Go 29.44 29.59 29.58 N. W. N. W. N. W. Go Go Go Fair Go 29.44 29.59 29.59 N. W. N. W. N. W. Go Go Go Fair Go 29.44 29.59 29.49 Go		27	100	000	00000	00 00	00 57	D C	N	Z	do	do	qo		Portulacea, Tiger Lily.
Wednesday 77 88 85 29.53 29.57 29.49 N.E. S. W. S. W. do Cloudy do Friday 65 74 68 29.44 29.39 29.38 N. W. N. W. N. W. M. do Goudy do Friday 62 76 74 29.50 29.43 do do S. W. do Go Hazy Saurday 62 76 74 29.50 29.43 29.47 S. E. S. E. Rain Foggy Cloudy Sunday 75 84 29.40 29.33 29.39 Go S. W. S. W. do Fair Gloudy Rain 75 93 67 29.33 29.35 S. W. do N. E. Fair Cloudy Rain 25 W. do S. W. Foggy Fair Fair 25		75	18	13	23,53	20.03	23.01	12	111	111	a P	do	do		Thistle, Candy Tuft.
Thursday 74 88 76 29.44 29.39 29.38 N. W. N. W. do do Fair do Friday 65 74 29.50 29.48 29.49 do do S. W. do do Hazy Saturday 62 76 74 29.50 29.48 29.47 S. E. S. E. Rain Foggy Cloudy Sunday 63 74 75 29.49 29.48 29.47 S. E. S. E. S. E. Rain Foggy Cloudy Sunday 75 84 29.49 29.33 29.30 do S. W. S. W. do Fair Gloudy Rain 75 93 67 29.33 29.35 S. W. do N. E. Fair Cloudy Rain 25 W. do S. W. Foggy Fair Fair 29.41 N. W. do S. W. Foggy Fair	-	77	888	85	29.58	16.62	29.43	N.E.	0		on.	NI TO	9		Shoht rain Searlet Zinnia.
Friday 65 74 68 29.44 29.48 do do S. W. do do Go Hazy - Lobelta Pallida. Saturday 62 76 74 29.50 29.54 29.48 do do S. W. do do Go Hazy - Lobelta Pallida. Saturday 63 74 75 29.49 29.48 29.47 S. E. S. E. S. E. Rain Foggy Cloudy - Thoroughwort Nouday 75 84 29.49 29.33 29.30 do S. W. S. W. do H. E. Fair Cloudy Rain - Showers with light Wasday 76 93 87 89 49 29.41 N. W. do S. W. Foggy Fair Fair 75 510 Weeks with light	-	2.0	00	35	99 44	99 39	99 38	N. W.	3.	N. W.	op	Cloudy	on		Shell land. Scanor sammer
Friday 63 74 29.50 29.48 do do S. W. do do Hazy - Lobelia Pallida. Saurday 62 76 74 29.50 29.48 do do S. W. do Gody - Thoroughwort Sunday 63 74 75 29.49 29.45 29.47 S. E. S. E. Rain Foggy Cloudy - Thoroughwort Fair 30 American Bell Flowers with light Thorough World Gody 75 84 29.49 29.35 29.39 S. W. do N. E. Fair Cloudy Rain - Showers with light World Gody 76 93 89 40 29.44 29.44 N. W. do S. W. Foggy Fair Fair 75 81 80 80 80 80 80 80 80 80 80 80 80 80 80	ì	+ 1	000	000	4.00	00 40	00 40	do	do	do	do	Fair	do		
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Sunday 63 74 75 2949 2948 2947 S. E. S. E. S. E. Kain Foggy Cloudy Nonday 75 84 2949 2933 2930 do S. W. S. W. do Fair Fair 30 Thesday 76 93 67 29.33 29.34 S. W. do N. E. Fair Cloudy Rain 25 Thesday 76 93 67 29.44 29.44 N. W. do S. W. Foggy Fair 30		62	26	74	29.50	29.52	_	op	OD	0	000	200	City of the		
Sunday 75 84 84 29.49 29.33 29.30 do S. W. S. W. do Fair 500 3. W. S. W. do N. E. Fair Gloudy Rain 76 93 67 29.33 29.34 S. W. do N. E. Fair Gloudy Rain 75 83 83 89.44 29.44 N. W. do S. W. Foggy Fair 29.4		000	27.4	200	90 40	99 48		S	S. E.	S.	Kain	Foggy	Cloudy		Thorogen and a second
Thesday 75 93 67 29.33 29.34 S. W. do N. E. Fair Cloudy Rain 25 W. do S. W. Foggy Fair Fair 25	ì	20	4	20	0000	00 62	-	da	3	V.	do	Fair	Fair	.30	American Bell Flower.
Thesday 76 93 67 29.33 29.35 S. W. do N. Fair Fair 25 85 W. do S. W. Foggy Fair 55	Ī	75	*	250	23.40	20.00	-	111	2		Dais	Cloudy	Rain		Showers with lightning.
Wardandar 20 83 90 40 29 44 29 41 N. W. do S. W. Foggy Fair Fair		26	93	19	29.33	29 35	-	3. 2		1		Cunan	D	95	0
	i	20	255	83	99.40	29.44	-	N. K		S. W.	Foggy	Fair		Ca. 1	

REGISTER OF THE WEATHER-Continued.

5	i,	- Complete C	Dogspane.	Silahi asin	American Come	American Senna,	5	ur. Francisco						-	The state of the s											The state of the s							
a second	REMARKS	1	Pain at 4 D M 1 com	Letti	Sculleap.	. 5	Thornomotor 010 of 10 M	Shower at 5 P. M.	Agrimonia, Hibiscus		2000	Pickerel weed.	Digitalis.	Fair at 5 P. M. Dodder.		Rain during the day.	6		Isanthus.	***************************************			Dwarf tree Primrose.	Wild Bean	The Real Property lies	Rain began at 74 A. M.	Shower at 24 P. M.			Purple Gerardia.		Chelone Glabra.	Amount of Rain 6 05 inches
Inches	Rain.	15.	669	***	02	3.		.03							.85	10		,				,				3.70	.17	80.					Amount
R.	Sunset.	Fair	do	op	do	Cloudy	Fair	do	Hazy	, op	Fair	qo	op	Rain	Fair	Cloudy	Fair	do	do	do	Hazy	Fair	do	op	Hazy	Rain	Fair	qo	qo	op	Hazy	do	
WEATHER.	2 P. M.	Rain	Hazv	Fair	op	Cloudy	Fair	op	op	Cloudy	Fair	do	Cloudy	Hazy	Fair	Cloudy	Fair	op	Hazy	do	qo	Fair	op	op	op	Rain	Fair	op	op	op	op	Hazy	The Barometer from 98 80 to 99 67 inches
	Sunrise.	Forev	Rain	Foogs	Rain	Foggy	Fair	op	qo	Cloudy	Fair	op	qo	Cloudy	Rain	Fair	op	qo	do	qo	qo	qo	op	Hazy	Fair	Foggy	Fair	op op	do	op	qo	Hazy	from 98 8
	Sunset.	N. W.	op	S	op			-	S. E.	W.	N. W.	op	W.	S. E.	N.	S. E.	N. W.	op	S. E.	qo	qo	N. W.	op	op	. M.	N.E.	. M	. W.	op	op	S W.	'n	motor
WIND.		E.E.	M N	S	S. W.	S. E.	S.W.	Z.	S. E.	S. W.	N. W.	qo	S. W.	qo	N.E.		. W.	qo	op	E.	S. E.	. W.	op	op	op	. E.	. W.	do	op	qo	. W.	qo	o Baro
18	Sunrise 2 P. M	3.				-	N. W.		do	-	. W.	op	qo s	-	N.E.	-	S. E. N	N. W.	op	S. E.	qo	N. W. N	op	op	qu	×.	N. W. N	op	op		do S.	S.W.	
.B.	Sunset.	29.38	29.39	29.30					_			29.44					_			-	-	29.45	29.58	29.96	29.29	28.80		29.38	59.60	59.66		-	35 to 8
BAROMETER	2 P. M. 8				29.33				29.55			39		33	23		-		29.50										-	29.66		-	from 4
BARC	Sunrise 2		29.38			29.39					29.22 2	-				_					-	29.49		29.28				-	9	29.63		-	Thermometer has ranged from 432 to 889.
ER.	Sunset. 8	75	74	75	80			26											1						ã				T	73		-	ter has
OMET	2 P. M. S	83	08	100	87	83	18	87	7.5	1.1	11	20	7.5	33 1	0/	28	9/	12	69	33	-	00	2	9	2	0	9;	+	0	00	001	-	rmome
THERMOMETER	Sunrise 2	4					74	_		-	17	923				180	- 2	7			-			-	-	+	+	-				-	-
T		-	9	9	9	-				9	-	9	58				2	4	4	4			5	000	90	9	65		_	10	30	9	The
AUGUST.	Day of the Week.	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	I uesday	Wednesday	Fhursday	Friday	Saturday	
NA.	Day of Month.	1	65	00	Ť	5	9	-	8	6	10	11	25	13	14	15	91				50	21	222	253	-		200	177	228	62	99	31	

# REGISTER OF THE WEATHER-Continued.

0,50	KEMAKKS.		on and evening.					A. M. Thunder.					nds.							bit.						nged.	[P.	Thunder shower at 74	g and at 4\$ P.		
-	KEN		Showers in afternoon and evening.					Storm began at 10 A. M.	Rain continued.		Elecampane.	Shower at 3 P. M.	Squalls, High winds.					White frost.	Leontodon. Frost.	Slight rain last night.						Blue Gentian or frin	Rain began at 74 A. M.	Rain continued.	Slight rain in the m		
Inches	of Rain.			3.25	.10			1.85	1.85			10.							,									.05	57.		
ř.	Sunset.	Hazv	Cloudy	op	Fair	op	do	Rain	Fair	qo	do	qo	qo	Hazy	Fair	qo	do	do	Cloudy	Hazy	Fair	op	op	qo	Hazy	Cloudy	Rain	Cloudy	do	Fair	op
WEATHER	2 P. M.	Fair	do ,	Rain	Fair	op	qo	Rain	Cloudy	Fair	qo	qo	qo	qo	do	do	op	op	qo	Hazy	Fair	- op	op	op	Hazy	Cloudy	Rain	op	Fair	op	op
	Sunrise.	Foggy	do	Rain	Fair	Foggy	Fair	Foggy	Rain	Fair	qo	do	qo	qo	op	do .	Hazy	Fair	Hazy	Foggy	Fair	do	do	do	Hazy	Fair	Cloudy	do	op	Fair	op
	2 P. M. Sanset.	7	S.	N. W.	do	S. W.	op	N. W.	op	op	do	qo	qo	op	op	op	S.E.	N.E.		S.E.	N. W.	S. W.	N. W.	S. W.	op	N. W.	N.	N.E.	Z.	N. W.	op
WIND	2 P. M.	S. W	S. E.	N. W.	S.E.	S. W.	op	N. W.	op	op	op	W.	N. W.	op	op	op	S.E.	op	N. E.	S.E.	N. W.	S. W.	op .	op	do	N. W.	N.	N.	N. W.	qo	op
43	Sunrise	S. W.		N. W.	op	20	S. W.	0	N.E	N. W.	do	do	op	op	op	op	S. E.		N.E.	E.	N.		qo	S. W.	op	N. W.	N. E.	Time.	N. W.	qo	op
SR.	Sunset.	29.58	100	0000	29.49	29.40	29.48		_			29.29	29.30	29,30	29.36	29.45	29.59	29,55	29.35	-	-	29.63	19.63	29.55			29.42	-	12-27	29.43	29.63
BAROMETER	2 P. M.	29.56	29.63	99.40	29.48	-			29.13	29.44	29.46	29.30	-								-		-	-		29.41	-				29.62
BAR	Sunrise	29.52	63	-	94	48	29.40	29.58	29.15	29.40	85.68	29.38	99.29	29,30					95.46		23	555	89	09	52	29.38	29.48	29.33	50	66.66	29 58
rer.	Sunset.	78 %	15	69	75	71	78	65	67	69	64	71	. 10	54	54	19	28	65	62	99	64	19	89	71	69	19	49 1	20	09	49	55
THERMOMETER.	2 P. M. S	83	83	71	11	20	83	20	20	72	15	75	58	59	89	89	99	23	65	20	23	7.1	75	11	78	7.0	487	51	68	55	58
THER	Sunrise	19	29	89	55	63	19	69	63	52	99	767	51	43	43	43	44	416	4.2	55	59	47	45	54	53	26	45	48	99	43	36
SEPTEMBER.	Day of the Week.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
SEP	Day of Month.	1-	61	00	4	5	9	1	00	6	10	11	13	13	14	15	91	17	13	19	30	21	200	23	24	25	56	27	98	66	30

The Thermometer has ranged from 36° to 83°. The Barometer from 29.04 to 29.68 inches. Amount of Rain, 7.92 inches.

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REMARKS.	The second of th	Delishan at 51 B M. Aurora		righ whos.		Shower in the night.	Great frost Brilliant Auro					Rain in the night.		September 19 Septe	Great frost.		Mild.	Apple tree in blossom.				Spokes or appealone and section				Snow flakes.					Amount of Rain 3.37 inches.
Inches	Rain.	. 6	24.			07						.15							78.					1.15	88						Amou
-	Sunset.	Fair	on on	op o	op P	000	do	qo	op	op op	Hazv	Clondy	Fair	do	do	op	op	Rain	Cloudy	Fair	qo.	op -	Rain	Cloudy	Rain	Cloudy	Fair	do	op	op	3 inches.
WEATHER.	2 P. M.	Fair	Cloudy	Fair	op.	q <sub>0</sub>	do	do	do	900	Cloudy	do	Fair	do	do	do	qo	Rain	Fair	op	op	op.	Cloudy	Cloudy	Rain	Cloudy	Fair	do	op	op	The Barometer from 28.85 to 29.68 inches
A	Sunrise.	Fair	Foggy	Fair	op	do	Cloudy	Fair	do	000	Doggan	Clouds	Paris.	Fall	000	op	Forer	Rain	Cloudy	Fair	do	do	Foggy	Cloudy	Dain	Clouds	Fair	r do	do	qo	from 28.8
	Sunset.	S. W.	N. W.	op	op	25.	N. W.	do M		000	0 0		N IN	40	900	M	S. W.	do	N. W.	Z	W.	S. W.	200	n o	io	i i	. A.	N AN	M	3. 1	rometer
WIND.	2 P. M.	S. W.	zi.	N. W.	op	zi.	N. W.	op		op	in	. W.	N. 117	. W.	00	do do	An a	300	N.	N.E.	N. W.	S. W.	qo	op.	op	in co	N. W	W. V.	88	S. W	Che Ba
	Sunrise 2 P. M.	N. W.	S. W.	N. W	op	op	op	op.	qo,	op -	000	in in	S. W.	. W.	CIO	000	40.	A W	do .	N. W.	do	S. W.	op	oci i	. N	in in	S. W.		900	M.	700.
ER.	Sunset.	29.50	29.10	29.15	29.40	29.38	29.30	29.53	29.48	29.44	23,08	29.40	29.00	29.10	CZ.6Z	29.41	29.41	60.69	90.13	99.13	29.23	29.27	29.97	29.40	29.44	29.17	28.87	23.00	-	29.63	-
BAROMETER	2 P. M.	16.62	29.14	99 09	29.40	29.40	29.39	29.50	29.50	29.44	29.67	29.51	29.08	29.13	23.21	29.40	00.00	23.23	00.10	99.19	29.99	29.30	29.27	29.31	29.45	29.20	28.86	23.38	29.50	99.63	ed from
BAI	Sunrise	29.60	29.34	29.05	99.29	29.42	29.28	29.39	29.51	29.44	29.60	29.61	29.12	29.05	29.20	29.38	20.00	00.00	20.00	06 06	99.90	29.29	29.30	29.30	29.46	29.34	28.85	29.30	29.37	99.57	as rano
FER.	Sunset.	58	51	946	99	63	46	37	00	69	63	59	90	94.	47	99	29	999	63	300	98	25	09	19	09	29	99	49	200	255	motorh
THERMOMETER.	2 P. M.	62	57	52	62	89	19	. 391	200	09	68	09	09	53	09	28	99	200	400	200	250	19	99	99	29	65	20	20	4:	10	"harmo
THER	Sunrise	41	49	49	42	41	55	35	939	44	43	45	52	44	37	38	3	43	09	09	10	80	50	09	53	634	24	33	36	202	The T
OCTOBER.	Day of the	Thiesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		Thoughan	ABI				Sunday			5	Lucrsons
000	Day of	-	- 3	13 0	0 7	* 15	200	-10	00	0 5	0	-	19	13	14	15	91	17	18	19	20	177	253	574	25	978	27	28	67	30	3

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BEMARKS		The state of market the sense of the state of			Birth Charles and the second s			The second secon	N 0 40	Began to half at 2% F. M.		The second secon						Mild. Commenced raining at 81 P. M.	=	Rain squalls. High winds.			Table 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	High Winds in the night.			-		Muddy.		Ground not feason	Ground not nozen.	
Inches	Rain.			70							.07				,				0.00									C7.		01.	1.10		
i.	Sunset.	Fair	Rain	Cloudy	Fair	Cloudy	Comany	roger	Fair	Hail	Fair	qo	do	Cloudy	Fair	do	op	Cloudy	qo	Fair	op.	op	00	op d	op	000	op .	Kam	Cloudy	Kall	Logo,	Lan	
WEATHER.	2 P. M.	Faur	Cloudy	do	Fair	do	900	00	op	op	op	op	clo	Cloudy	Fair	op	qo	Cloudy	Kain	Fair	op	do	op	go	do.	QD -	00	Kain	Cloudy	Kann	Clemdin	Clouday	
II	Sunrise.	Cloudy	do	Fount	do	do	000	000	Fair	qo op	Cloudy	Fair	do	qo	do	do	qo.	Cloudy	Ram	Cloudy	Fair	op o	Cloudy	Fair	do.	Cloudy	Fair	Cloudy	Fuggy	f loudy	Foggy Coggy	Jeronay	
	sunsei.	W.	S. W.	do	2	11 7		00	N. W.	op	op	op	op	qo	N.E.	N. W.	S. E.	qo	op	N. W.	. M.	N. W.	op	op.	op.	op.	op.	Z.	N.		F. F.		
WIND.	2 P. M. Sunset.	W.	. W.	do	2	. 7			. W.	op	op	qo	op	op	Z.	N. E.	S E	υż	N.E.	N. W.	W.	op.	N. W.	op	op.	op.	op	op	o,o	E	. i.		
	Surrise	S. W.	do	do	M N		-	2	. W.	ż	N. W.	do	do	do	Z.	N.E.	qo	S. E.	N.E.	W.	qo	do.	N. W.	00	op	cio	Z	N. W	do	Z	2	N. 1	
R.	Simset. S			000						-		99,51	15.66	99.28	29.35	90.42	99.50	29.45	98.89	29.03	29.13	29.40	50 14	29.45	99.43	29.57	29.58	29.45	29 40	69.63	\$ 66	29.40	
BAROMETER.	2 P. M.																	29.50			29.02	29.97	20.12	29.39	29.45	20.30	29.32	99.41	20.12	29.60	29.45	29.35	
BAR	Sunrise	29.63	20167	00.00	00.62	10.02	20.02	1967	29.60	29.62	29.40	29 48	29.52	90.80	86.48	93.89	29.49	29.50	29.00	98.81	29.05	29.30	29.20	29.30	29.41	29.98	29.29	2043	29.50	69 68	29.45	29.30	
ER.	Sunset.			-	-	-	_		_						-			45								X							
THERMOMETER	2 P. M. 8	19	99	200	100	200	10	28	43	49	45	49	57	57	48	90	46	46	44	45	42	96	40	35	33	990	33	31	50	31	37	45	
THER	Sunrise	45	90	25	10	96	48	500	45	-54	37	3	353	30	3 25	06	06	900	455	333	3%	63	35	176	187	- 65	96	-		+	30	40	
NOVEMBER.	Day of the	Paidon	7	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Kumlac	Monday	Tunedan	Wadmarday	Thursday	Pridov	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sonday	Monday	Tursday	Wednesday	Thursday	Friday	Saturday	
NOV	Day of Mouth.	1-	- 3	100	2	4	5	9	1	- 00	0	30	11	10	201	10	+ 10	10	17	18	10	50	21	- 600	63	13	9.5	96	12	88	68	30	

The Thermometer has ranged from 18 to 67°. Barometer, from 28.31 to 29.70 inches. Amount of Rain, 2.14 inches. Amount of Snow, & inch.

SUMMARY OF THE REGISTER OF THE WEATHER.

TOTAL	30.05 inches. 28.46 '.	94° 4° below.	Fair days,	Inches of rain, 54.67 Inches of snow, 59.	Days on which N. wind prevailed, 10  " N. W. " 167  " W. " 17  " S. W. " 55  " S. " " 55  " S. " " 51  " S. E. " 41  " E. " 81
Nov.	29.70 29.70 29.25	67° 18° 24°	= 1- 00 24	61.40 41.40	-4400000
Oct.	29.26 29.26 29.26	70° 33° 51°	19	3.37	0521-000
Sept.	29.68 29.04 29.36	83° 36° 59°	55 0 0	7.92	-500040-
Auz.	28.80 29.23 29.23	38° 43° 65°	£ = 0	6.30	02000000
July.	29.64 29.15 29.39	93° 55° 74°	16 10 0	3.75	0510000000
June.	29.93 29.00 29.46	046 440	5a 50	3.35	0+000000
May.	29.26 29.26 29.26	37° 37° 55°	80 80	7.50	02010801
April.	29.67 28.70 29.18	73° 18° 45°	3 5 5	5.53	0 20 0 31 0 20 0 61
March.	29.72 28.46 29.09	58° 5° 31°	16 44	3.67	es & 200es
Dec. Jan'y Feb'y. March		43° 4° be- low 26°	179 ss 4	3.23	95-2000 95-2000
Jan'y	29.90 28.73 29.31	93° °5°	ထက ၈ထ	4.79 15.	812040-0-
Dec.	29.81 28.70 29.25	60°0°3°0°0°3°0°0°0°0°0°0°0°0°0°0°0°0°0°0	60 60	3.12	0.5740-0-0
1819-50.	eight of the Barometer, tht of the Barometer, tht of the Barometer, .	height of the Thermometer, ght of the Thermometer, ght of the Thermometer,	Fair days, Cloudy days, DAYS ON WHICH Bain fell, Show fell,	Inches of rain,	Days on which N. wind prevailed,  "" " " " " " " " " " " " " " " " "

FLOWERING SEASON ON THE HOSPITAL HILL, FOR TWELVE YEARS.

1850.	April 10	96 ,,	May 13			April 10			9 ,,,			18		100		7 "	April 23		9 "	April 15	9 ,	May 6	April 18	May 8	, ame		Inno o		" 14	May 22	-
1849.	April 20	. 3(	,,		May 6	April 18			May 7	61 ,,		18 17	44 93	16 21		4 "	-		63		64	23 6	23 3	Imay 2	,	G	Indy 24	5	" 14	July 19 N	9
1848.	April 10	54	- "	77	06 33	9 "			26	May 13		6 "	12	17	91 "	6 5	pril 16 /		-	15 /	00 3 :	0	4.0	3.0	141		1 86 1	2.10	. 27	31	1.1
1847.	1 8	5	April 25	May J	10		67	112	u 11			66 33	44 25	62 25	12 27	6 "	21 A		66 27	10	April 20	7	24 6	31		1 20 11	une A			- July	-
1846.	e lirq	15	13		76 33	17		28	44 25	1, 27				8 77		pril 27	10			pril 19	00		2 6	May 17		91 3	17 1	,		•	
1845.	April 12 A		720	CZ	11 98				May 1			8 M		15		-	21	May 20 M	83	23 A	800	ay o	-	M 61 3	-	66 33	760	12	, 20	, 15	
1844.	V -	2	April 16	. 18	44 21	" 10	11 "		" 24 M			May 2		\$ 11		April 20	63	- M		23	W 8 W	20	118	27			-	6 5			
1843.	April 15	000		may o	6 "			8 "	" 12	4 15	28		44 25	24		13	April 28	May 29	25	6 ,		A 1 00	Alon 1	44 90	866 33	000 11				. 21	
1842.	April 7			. 93	\$60 11		ay		pril 22			6 "			" 14	66 "	2		_	91 ,,											
1841.	001	April 25	Mines C	udy o	4 15	17	0 May 8 1	91 "	7 61 %	100	,, 23	42.	4 25	27	27		April 25	June 4	538	May 1		,		30	44 93	11 93					1
1840.	April 1	01 2	07 20	64 94	44 95		61	61	1,y	24	14	" 11	(4 13	91 "	-			33	-	April 23					May 14	4 18	June 3	May 3	36 ,,	20	
1839.	April 8	21 2		4 20	800				ly.			01 "		91 ,,		65				April 23				May 18	11	11 21	65	37	27		
																									-						
D PLANTS.	,																														
TREES, SHRUBS AND PLANTS.	,					ıtus, -		ant, .					mond,	.:	neysuckie,			,								eulatum.				ur, -	
TREES,	Crocus, .	Liverword, -	Blood root	Wind Flower.	Cherry Tree,	Trailing Arbu	Fever Bush,	Missouri Currant,	Peach Tree,	Wild Cherry,	Cohosh, -	Apple Tree,	Flowering Almond,	Lilac,	Tartarian Ho	Shad Bush,	Red Maple,	Calicanthus,	Mountain Asn,	Dandellon, -	Pyring Janonica	Hvacinth.	Blue Violet.	Persian Lilac,	Actea, -	Geran'um Maculatum	Russian Rose,	Rhodora, .	Scotch Rose,	Narcissus.	

A List of Trustees from the commencement of the Institution, with the Building Commissioners,—the first three,—who were appointed Commissioners in 1830:—

Names.	Residence.	When appointed.	When services ended.	In what way services ended
DE CARE	D. VI	1000	1834	Commission expired.
Horace Mann,	Dedham,	1832 1832	1834	" "
Bazaleel Taft, Jr.,	Uxbridge,	1832	1835	
Wm. B. Calhoun, -	Springfield,	1832	1836	44 44
Alfred D. Foster, -	Worcester,	1832	1836	
Francis C. Gray, -	Boston,		1837	" "
Thomas A. Green, -	New Bedford,	1834	1838	
Thomas Kinnicutt, -	Worcester,	1835	1839	
Horace Mann,	Boston,	1836	1837	Resigned.
Emery Washburn, -	Worcester,	1836	1841	Commission expired.
Abraham R. Thompson,	Charlestown,	1837	1840	" " "
Myron Lawrence, -	Belchertown,	1837	1840	44 44
Stephen Salisbury, -	Worcester,	1838	1838	Death.
E. D. Bangs,	Worcester,	1838	1840	Commission expired.
William Lincoln, -	Worcester,		1844	66 Commission expired:
Daniel P. King,	Danvers,	1839 1840	1842	
Alfred D. Foster, -	Worcester,		1843	44 44
Maturin L. Fisher, -	Worcester,	1840	1845	46 46
Henry Gardner,	Boston,	1840		Dogienod
Robert Campbell, -	Pittsfield,	1841	1843	Resigned.
Edwin Conant,	Worcester,	1842	1844	Commission expired.
H. H. Childs,	Pittsfield, -	1843	1846	Commission expired.
Joseph Sargent,	Worcester,	1843	1848	" "
Stephen Salisbury, -	Worcester,	1844	1850	
Stephen C. Phillips, -	Salem,	1844	-	G i i a amino
Jesse Murdoch,	Carver,	1845	1847	Commission expired.
Thomas F. Plunkett, -	Pittsfield,	1846	1849	
Thomas French, -	Canton,	1847	1848	Resigned.
Isaac Davis,	Worcester,	1848	1849	
William Appleton, -	Boston,	1849	-	
Levi Lincoln,	Worcester,	1849	-	
E. H. Kellogg,	Pittsfield,	1849	-	
J. S. C. Knowlton, -	Worcester,	1850	-	

## BOARD OF TRUSTEES:

STEPHEN C. PHILLIPS	,	Presiden	ıt,	-	-	Salem,
WILLIAM APPLETON,	-	-	-	-	-	Boston,
LEVI LINCOLN, -	-	-			-	Worcester,
E. H. Kellogg, -	-	-			-	Pittsfield,
J. S. C. KNOWLTON, S	Sec	retary,	-	-	-	Worcester,

## TREASURER:

SAMUEL JENNISON,	-				Worcester,
Office at	the	Institution	for	Savings.	

## CHAPLAIN:

REV. GE	o. Allen,				-	-	Worcester.
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## RESIDENT OFFICERS:

GEO. CHANDLER, M. D.,			. ,	Superintendent,
JOHN R. LEE, M. D., -	-			Assistant Physician,
MERRICK BEMIS, M. D.,	-	-	-	
THOMAS HILL,				Steward,
MISS ELIZABETH A. REID,	-	-		Matron,
JOHN T. MIRICK, -				Supervisor,
MRS. PHEBE S. MIRICK,				"
EDWARD A. SMITH, -			-	Clerk.

Deniel Tell, Ja.
Deniel Tell, Ja.
Deniel B. Gelteger
Alfred B. Fostog. Womanier 1888. Washing 12 1888. Miss Burgarin Avitan, and