

**Twenty-sixth annual report of the trustees of the State Lunatic Hospital, at Worcester. October, 1858.**

**Contributors**

State Lunatic Hospital at Worcester.

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TWENTY-SIXTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

STATE LUNATIC HOSPITAL,

AT WORCESTER.

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OCTOBER, 1858.

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WORCESTER:  
PRINTED BY CHAS. HAMILTON.  
1858.



## OFFICERS OF THE HOSPITAL.

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ROBERT W. HOOPER, M. D.,	.	.	.	:	.	.	Boston.

### TREASURER.

HENRY WOODWARD, Esq., . . . . . Worcester.

OFFICE—MECHANICS' BANK, MAIN STREET, WORCESTER.

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TWENTY-SIXTH ANNUAL REPORT  
OF THE  
TRUSTEES OF THE STATE LUNATIC HOSPITAL,  
AT WORCESTER.  
1858.

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*To His Excellency the Governor, and the Honorable Council.*

The Trustees of the State Lunatic Hospital at Worcester, in accordance with the requirements of the law, have the honor to submit this, their Twenty-Sixth Annual Report.

The discrepancy noticed in the last Annual Report of the Trustees, between the Act of the legislature of 1857, requiring that the Annual Reports of the various state institutions should be made up to the 30th of September in each year, and the provisions of the Revised Statutes that the annual meeting of the Trustees of the Worcester Hospital should be held in the month of December in each year, has been reconciled by the passage of an Act of the legislature of 1858 repealing section 5, chapter 48, of the Revised Statutes, and requiring the Trustees of the hospital to hold their annual meetings in October. The reports of the different officers of the hospital are accordingly made up to September 30th, 1858, and embrace a period of only ten months since their last Annual Report. The Trustees having altered their contracts with the patients for the payment of board, there will hereafter be no difficulty in submitting full reports for the year, from the different officers of the hospital at the time prescribed by the Act of 1857.

In commencing our Report, we desire to express our acknowledgments and thanks to Divine Providence for the continued goodness and care which during the last year has kept the hospital from the ravages of unusual disease, has protected it from any great calamity, and by the prosperity vouchsafed to it seems to have marked its approval of the efforts that have been made to alleviate the sufferings of the greatest of human misfortunes.

There has not been a great amount of sickness among the inmates of the hospital, and the deaths have been almost wholly confined to worn-out and demented cases of long standing. No epidemic disease has prevailed, and the general health of the hospital has been unusually good.

The Report of the Superintendent, which is herewith transmitted, exhibits in full the general condition of the hospital and the results of its operations during the last ten months. We have great pleasure in saying that the confidence we had in Dr. Bemis, and the high expectations we had of his abilities at the time he was appointed to the responsible position of Superintendent of this old and large hospital have in no particular been disappointed, and we congratulate ourselves and the State that the institution possesses a man so well adapted to the position he occupies. The affairs of the hospital have been managed with prudence and economy, and yet with liberality towards its inmates in the matters of food, clothing and exercise. An increasing disposition to orderly and quiet behavior and cheerfulness of intercourse which has been manifest during the whole year, proves to the Trustees that the true remedial measures in the treatment of the insane, are those of gentle kindness, and only by these can be secured the co-operating efforts of the patient himself, which are so necessary to effect a permanent cure.

With great gratification we repeat, what was said in our last Report, that Dr. Bemis has not in a single instance made use of the so called strong-rooms for the confinement of patients; and we are satisfied from past experience, that their use is by no means necessary in the treatment of even the very worst cases of insanity. Most of these rooms have been removed during the last year and their places occupied by rooms for the exercise and labor of the patients. A few of the rooms have been dismantled and left for the present as a curious relic of the mistakes and misunderstandings of the past.

The restraint placed upon the patients has been slight, being simply a confinement to their own bed-room when too noisy and turbulent, and in a very few (only four) instances of suicidal mania, the camisole has been used. In most instances an appeal to the self-respect and sense of propriety of the patient has been sufficient to insure their good behavior and to prove that even the most insane do not entirely lose their power of self-control.

The Superintendent has made efforts during the year to give employment to the patients, and though he has succeeded in some measure, we regret it cannot be done to a greater extent. We deem a light and cheerful occupation of the bodily faculties an important curative element in the treatment of mental disease, and this is the most important reason for introducing manual labor into an insane asylum. As a secondary object, it might be made a source of revenue to the institution. Most of the patients are willing and desirous to work. Their labor should certainly never be compulsory. But we see no reason why an insane asylum may not be a large industrial establishment, where the cheerfulness and gratification of voluntary and successful labor shall drive out the despondency of long days of weary listlessness, and by diverting the mind from the contemplation of its own disease, help to restore it to its natural health.

During the year, Dr. Frank H. Rice has continued, as Assistant-Physician, to render valuable aid to the Superintendent, and by his skill as well as interest in all the affairs of the institution, has earned the approbation of the Trustees and of Dr. Bemis. His fidelity to his duties make him a valuable officer of the hospital.

The Trustees have appointed only one Assistant-Physician, Dr. Bemis having preferred to manage the hospital without further medical assistance. This arrangement has imposed greater labor upon himself and Dr. Rice. As long as they find themselves equal to the task, the Trustees deem it for the best interests of the hospital that there should be but one Assistant-Physician.

The duties of Matron have been performed by Mrs. Bemis in a manner creditable to the hospital and highly acceptable to the Trustees.

The Rev. Isaac Horsford has officiated as chaplain during the year in a manner entirely satisfactory to the Trustees and Superintendent.

By reference to the report of the Superintendent it will be seen that, at the close of the last year the number of patients in the hospital was . . . . . 372

Males,	. . . . .	177
Females,	. . . . .	195
Admitted during the last ten months,	. . . . .	307
Males,	. . . . .	142
Females,	. . . . .	165
Discharged during the same period,	. . . . .	376
Males,	. . . . .	180
Females,	. . . . .	196

Whole number of patients who have received the care of the hospital during the last ten months, 679.

There are in the hospital at the close of this year 301 patients.

Males,	. . . . .	141
Females,	. . . . .	160

127 patients have been discharged from the hospital as recovered, and many more of those discharged have been very much improved; so much improved as to return to their accustomed employments. Of the 376 patients discharged, 149 were discharged to enter the new lunatic hospital which the State has erected at Northampton, and the Taunton Hospital. In previous years, when this lunatic hospital was the only one founded by the State, there has been crowded into its walls 570 patients—a number which at once destroyed in a great measure the objects of the institution and rendered it a place to be carefully avoided by those who sought the means of *curing* an insane relative or friend. So great an evil as this crowded condition of the hospital, demanded an immediate remedy which the State has provided by the erection of two new lunatic hospitals, one at Taunton and another at Northampton, thus excelling as she does in all her charities, in the provision she has made for the most unfortunate of all human beings.

In the Worcester Hospital there are private sleeping rooms for 276 patients. By placing several beds in the same room, the hospital can accommodate 306 patients, without being obliged, as was the case previous to the opening of the Northampton Hospital, to place

any patients at night in beds laid upon the floor. But the rooms in which the associated beds can be, and are placed, were designed for other uses, such as the exercise and recreation of the patients and for work rooms when the patients have employment. To use them for dormitories is a perversion of them from what we deem a very important purpose. The hospital is full with 276 patients, but can accommodate 306 by crowding the beds; and a larger number cannot be accommodated without injury to the favorable condition of the patients.

When the hospital is in a crowded condition there is a tendency to discharge patients sooner than it is proper, in order to give more room to new applicants. A patient who relapses on account of premature discharge is almost always sure to be returned to the hospital in a condition greatly worse than at first, if not entirely incurable. In this way the evil of an over-crowded state of the hospital, reacts upon itself.

The Trustees have made such alterations in the wards of the hospital as will increase the entrance of light and air into every part of the different wards, and give to the patients opportunities of enjoying the beautiful prospect which the elevated position of the hospital buildings commands. Recesses have been formed in most of the wards, and furnished in such manner as to give them the appearance of a social sitting-room, instead of the comfortless look of a hospital hall. Pictures, and books, and plants, have been placed in the several wards, and the use and care bestowed upon them by the patients shows how acceptable they have been.

The Superintendent has given much attention to the classification of patients, classifying and separating them according to their previous social position in life. The Trustees desire to express their approval of such a classification, and their belief in its importance in the ultimate cure of the patients. The finer sensibilities of the insane are by no means lost in their affliction, and it would be no wonder if the insanity of a highly educated, intelligent and refined person should be increased rather than cured, if the person is brought into close contact with those who were always coarse in their habits and tastes, rough in disposition, and filthy in their dress. We have no doubt that persons in the better walks of life have often been deprived of the benefits of a hospital from the dread of the associations they would be obliged to make within its walls. A classifica-

tion into different wards can be made without depriving any class of patients of its rights and privileges, and we hope such a classification may be completely carried out. Private lunatic hospitals, as demonstrated in the experience of other countries, more than our own, are liable to become great evils, and it is only by affording in public institutions the best medical aid and the most comfortable accommodations, that irresponsible and unwatched private hospitals can be rendered harmless.

The Trustees have been highly gratified with the perfect operation of the heating and ventilating apparatus which has recently been placed in the hospital. It has answered our expectations in every particular. The accompanying report of the Superintendent will show how economically it is worked, and how perfectly it answers its purpose.

During the year many improvements have been made on the farm. Stone wall has been built, under-drains have been made, ditches have been dug, water pipes repaired and relaid, buildings kept in order, and the land and out-buildings of the hospital carried on to a greater state of improvement. The hospital now possesses a choice lot of pure blooded animals, obtained, by careful breeding, at comparatively small cost to the hospital. Necessary furniture has been purchased for the hospital, so that the expenses for general improvements and repairs during the last ten months has been large. These expenses are always necessary to make and keep the Worcester hospital what it may, and should be, and what it has heretofore been,—a model institution, creditable to the State and worthy of the public favor with which it has always been regarded.

During the last year the Trustees have added to the farm of the hospital two small pieces of land, one by exchange of a small piece previously owned by the hospital, and the other by payment of \$1,275. One of these pieces was purchased to prevent the necessity of opening a street through some portion of the hospital grounds, and the other piece was deemed a desirable purchase to preserve the proper and convenient shape of the farm.

The Treasurer's report transmitted herewith, shows a favorable pecuniary condition of the hospital.

The Treasurer of the hospital finds some difficulty in the adjustment of his accounts with the State as settled by the State auditor. The account of the hospital against the State, for the support of

State paupers for one of the quarters of last year, was returned to the Treasurer of the hospital with several deductions made from the balance due the hospital. One deduction was to the amount of \$622.24, being the amount already paid to the hospital, by the State, during the last six years for the support of a patient who, the agent of the Board of Alien Commissioners now decides, possessed, at the time of his commitment to the hospital, a legal residence in one of the towns of this Commonwealth, and consequently that the said town is liable for his support. In another instance the auditor has deducted \$200 for the amount paid four years ago for the support of a patient who has not been in the hospital since that time. No objections were made to these charges by the State authorities at the time they were paid, and now so long a time has elapsed that it is utterly impossible for the officers of the hospital to procure any legal proof that shall compel the towns to refund the amount taken by the State from the balance due the hospital. In some instances, in which the proofs of residence were deemed by the State auditor sufficient to warrant the deduction from our account, these proofs have been submitted to the legal adviser of the hospital, and he has declined to commence a suit against the towns designated because he did not consider such proofs strong enough to justify the risk of the action. It seems proper to the Trustees that if such deductions are to be made from the hospital accounts, there should be some limit to the time during which they shall be liable to such deduction, so that the hospital can find a remedy against the parties who may be legally liable. But it is the opinion of the Trustees that in the matter of the support of State paupers the hospital acts simply as the agent of the State, and any claims against any town for the support of an insane pauper, should be prosecuted by the State and in its name, and that the hospital should be relieved from the burden of prosecuting for the board of a patient, whose support in any case, costs the institution more than it ever receives.

Of all the public charities which are justly the pride and boast of this Christian Commonwealth, there are none which more warmly commend themselves to the sympathies and watchful care of every citizen than the institutions which she has erected for the care and cure of the insane. For there is no inhabitant of the whole State of any age or sex, no person however high his social position, however strong his physical health, or however great and just his pride

of intellect, that can feel always sure that he will never call for the experience or care that can only be obtained from these institutions. While he feels gratitude that accident or disease has not made him one of their inmates, he should be eager to alleviate in every possible way the condition of those upon whom so great a calamity has fallen.

THOMAS COLT.

C. H. STEDMAN.

J. N. BATES.

WM. T. MERRIFIELD.

R. W. HOOPER.

## TREASURER'S REPORT.

The Treasurer respectfully submits the following report.

Cash on hand, December 1, 1857,	. . . . .	\$182 91
Received for interest on bonds,	. . . . .	15 00
From the Commonwealth for support of patients,	. .	25,760 31
From towns and individuals, for support of patients,	. .	33,600 23
From Mechanics Bank,	. . . . .	793 97
		<hr/>
		\$60,302 42
		<hr/>

The disbursements have been as follows:—

Steward's orders,	. . . . .	\$38,267 26
Worcester Bank,	. . . . .	8,955 46
Mechanics Bank,	. . . . .	8,273 25
Bills payable. Treasurer's note due Jan. 11, 1858,	. .	2,000 00
Interest to Worcester and Mechanics Banks,	. .	351 64
Real Estate,	. . . . .	1,275 00
Recording Deeds,	. . . . .	1 00
Printing for Treasurer,	. . . . .	16 25
J. M. Barker, examining Treasurer's accounts,	. .	5 00
Town of Waltham. Expenses of suit,	. .	72 79
Treasurer's salary,	. . . . .	480 93
Cash on hand,	. . . . .	603 84
		<hr/>
		\$60,302 42
		<hr/>

H. WOODWARD, *Treasurer.*

WORCESTER, October 13, 1858.

## SUPERINTENDENT'S REPORT.

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*Twenty-Sixth Annual Report of the Superintendent to the Trustees  
of the State Lunatic Hospital, at Worcester.*

GENTLEMEN,—In obedience to the By-Laws of the State Lunatic Hospital, the Superintendent presents to its Board of Trustees the Twenty-Sixth Annual Report.

It is needless to remark that the year has been one of peculiar trial and severe labor.

In reviewing its history we hope it may be found that our efforts have been crowned with some degree of success.

Our aim has been to sustain the high character of the hospital, increase its usefulness, and to extend its curative facilities.

Whatever of good has been accomplished, must be attributed to your constant oversight, ready assistance, and wise direction in all the affairs of the institution.

During the entire year the general health of the patients has been good, with complete exemption from all epidemic diseases. For this blessing, we must all feel abundant cause for renewed thankfulness to God, as well as for the discipline, good order, and harmony which have always marked our household.

The hospital has accommodations for three hundred patients. Our tables will show that during almost the entire ten months, the period which this report covers,—we have been greatly crowded.

By order of his Excellency, Governor Banks, there were transferred to the hospital for insane at Northampton,

August 16, 1858—

Males, . . . . .	35
Females, . . . . .	16
	— 51

September 20, 1858—

Males, . . . . .	32
Females, . . . . .	31
	— 63

September 30, 1858—

Males, . . . . .	00
Females, . . . . .	28
	— 28

Total to Northampton, . . . . . 142

And to the State Lunatic Hospital at Taunton,

September 2, 1858—

Males, . . . . .	3
Females, . . . . .	4
	— 7
Whole number transferred, . . . . .	149

By the same authority we have received from the State Lunatic Hospital at Taunton,

August 30, 1858—

Males, . . . . .	17
Females, . . . . .	26
	— 43

September 17, 1858—

Males, . . . . .	4
Females, . . . . .	11
	— 15
Total from Taunton, . . . . .	58

From the Boston Lunatic Hospital,

September 20, 1858—

Males, . . . . .	12
Females, . . . . .	19
	— 31
Whole number received by transfer, . . . . .	89

Thus diminishing the number of patients in this hospital by the several transfers—

Males, . . . . .	37
Females, . . . . .	23
	— 60



The whole number discharged from December 1, 1857, to September 30, 1858, inclusive, was—

Males,	.	.	.	.	.	.	.	180
Females,	.	.	.	.	.	.	.	196
Total,	.	.	.	.	.	.	.	376

As follows:—

	Males.	Females.	Total.
Recovered, . . . . .	55	72	127
Improved, . . . . .	97	77	174
Not improved, . . . . .	10	31	41
Died, . . . . .	18	16	34
Total, . . . . .	180	196	376

The whole number remaining in the hospital September 30, 1858, was—

Males,	.	.	.	.	.	.	.	141
Females,	.	.	.	.	.	.	.	160
Total,	.	.	.	.	.	.	.	301

One hundred and twenty-seven patients have been discharged and have returned to their families and friends in the enjoyment of a degree of mental health and strength equal to that possessed by them previous to the attack of disease which placed them under our care.

One hundred and seventy-four have been discharged improved; and although not recovered, many of them were sufficiently well to return to their accustomed occupation, and assist in the support of themselves and their families. Some of this class are periodically insane, having intervals of apparent health, of longer or shorter duration, during which they transact all the ordinary business of life, and are esteemed valuable members of society.

It is extremely difficult, in many cases, to decide whether or not, the patients have recovered. A large class of persons who are

brought within the care of hospitals for the insane never possessed strong and active minds,—could never manage well for themselves, or control at all the affairs of others. While under the care and guardianship of friends, they meet well enough the common events of life. But when oppressed by care and anxiety,—when afflicted with disease, or when bereaved by the loss of those upon whom they have leaned for support they become the ready victims to insanity. After a time they improve; but old and familiar faces do not again shine upon the invalid with their accustomed cheerfulness. Arms once their willing support are not now outstretched. The charity of the almshouse is all that is offered them. Under a different state of things many of this class might be said to have recovered.

There has been during the year the usual amount of sickness; confined mostly to the habitually feeble, demented, and long insane patients. During the winter several of the aged patients suffered from influenza. In the spring there were several cases of fever. During the summer and autumn there has been some diarrhoea and dysentery, generally of a mild character and yielding readily to proper remedies.

The mortality of the patients has been confined almost entirely to cases of marasmus, consumption, epilepsy and palsy.

It is not to be supposed however, that the inmates of hospitals for the insane are in the possession and enjoyment of robust health. With few exceptions they are all feeble. The excitement of distempered imaginations may keep up for a time a state of feverish activity, but it soon subsides and shows too plainly how sure and fatal have been the approaches of disease.

TABLE No. 1,

*Showing the Admissions and State of the Hospital, from November 30, 1857, to September 30, 1858, inclusive.*

Patients in the Hospital December 1, 1857, . . . . .	372
Males, . . . . .	177
Females, . . . . .	195
Patients admitted in the course of the year, . . . . .	307
Males, . . . . .	142
Females, . . . . .	165
Whole number in the Hospital in the course of the year, . . . . .	679
Males, . . . . .	319
Females, . . . . .	360

TABLE No. 1—Continued.

Patients remaining in the Hospital September 30, 1858,	.	.	.	301				
Males,	.	.	.	141				
Females,	.	.	.	160				
Of the admissions, there were cases of less duration than one year,	.	.	.	120				
Males,	.	.	.	59				
Females,	.	.	.	61				
Of the admissions, there were cases of one year or more,	.	.	.	144				
Males,	.	.	.	63				
Females,	.	.	.	81				
Of the admissions, there were cases, the duration of whose insanity could not be ascertained,	.	.	.	43				
Males,	.	.	.	18				
Females,	.	.	.	25				
Patients committed by Courts,	.	.	.	151				
Males,	.	.	.	79				
Females,	.	.	.	72				
Patients committed by Overseers of the Poor,	.	.	.	22				
Males,	.	.	.	10				
Females,	.	.	.	12				
Patients committed by order of the Governor,	.	.	.	88				
Males,	.	.	.	32				
Females,	.	.	.	56				
Patients on bonds,	.	.	.	44				
Males,	.	.	.	21				
Females,	.	.	.	23				
Foreigners, and those who have no settlement in this State, admitted in the course of the year,	.	.	.	136				
Males,	.	.	.	53				
Females,	.	.	.	83				
Foreigners, and those who have no settlement in this State, discharged in the course of the year,	.	.	.	185				
Males,	.	.	.	75				
Females,	.	.	.	110				
Patients discharged by order of the Governor,	.	.	.	149				
Males,	.	.	.	70				
Females,	.	.	.	79				
Foreigners, and those who have no settlement in this State, remaining in the Hospital September 30th, 1858,	.	.	.	86				
Males,	.	.	.	33				
Females,	.	.	.	53				
Foreigners, and those who had no settlement in this State, remaining at the close of each year, as nearly as can be ascertained :								
1842,	.	.	34	1851,	.	.	.	208
1843,	.	.	38	1852,	.	.	.	241
1844,	.	.	38	1853,	.	.	.	216
1845,	.	.	57	1854,	.	.	.	151
1846,	.	.	52	1855,	.	.	.	115
1847,	.	.	121	1856,	.	.	.	155
1848,	.	.	150	1857,	.	.	.	119
1849,	.	.	167	1858,	.	.	.	86
1850,	.	.	181					

By the foregoing table it is shown that you have discharged from this hospital, in the course of ten months, one hundred and eighty-five patients who had no settlement in this Commonwealth.

Many of them had recovered and are now supporting themselves and families by their own labor. A large proportion of those not recovered, were able to labor, and at the time of discharge might, with little assistance and direction, procure their own livelihood.

Nearly all of those having no settlement in this Commonwealth were foreigners, a large majority of whom were Irish.

This large class of people stand in false relations to nearly every thing about them. They are strangers in a strange land. Surrounded by circumstances novel to them, met by customs to which they cannot adapt themselves, influenced by motives often extravagant and wild, they must necessarily become involved in harrassing doubt and perplexity.

They receive in prosperous times high wages, and are able at the cheapest rates to gratify vicious indulgences. They seek for labor in the most menial capacity, huddle together in the most objectionable places, neglect all the rules of health, and prefer the excitement or solace of rum or tobacco to the quiet, intelligent influences of well-ordered homes. Under this state of things it is natural to suppose that a large percentage of insanity would be found. The table also shows that only eighty-six patients remain in the hospital who are supposed to have no settlement in this Commonwealth. A smaller number than has been in the hospital at any time during the last twelve years.

The number of State paupers has diminished by 33 in the course of ten months.

The number discharged exceeds the number admitted by forty-nine.

In preparing the preceding table it is shown most conclusively that those who had no settlement in this Commonwealth have received the first and best privileges of this hospital.

TABLE No. 2.

*Supposed causes of Insanity of Patients admitted to the hospital from January 18, 1833, to September 30, 1858, inclusive.*

SUPPOSED CAUSES.	1858.		Previously.	
	Males.	Females.	Males.	Females.
Apoplexy,	—	—	2	—
Asthma,	—	—	2	—
Bowels, Disease of,	—	—	1	—
Brain, Inflammation of,	—	—	1	5
Bronchitis,	—	—	2	13
Chorea,	—	—	—	2
Congenital,	—	—	4	—
Constipation,	—	—	—	1
Convulsions,	—	—	8	6
Dysentery,	—	—	1	2
Dyspepsia,	—	—	2	—
Epilepsy,	8	4	73	30
Eruptive Diseases,	—	—	2	1
Eyes, Disease of,	—	—	1	—
Loss of,	—	—	1	—
Fever,	—	—	25	32
Scarlet,	—	—	1	3
Ill-health,	19	35	135	467
Influenza,	—	—	1	5
Insolation,	—	—	12	—
Laryngitis,	—	—	—	1
Measles,	—	—	3	4
Nervous Irritation,	—	—	—	4
Nymphomania,	—	—	—	1
Old Age,	1	1	7	3
Otitis,	—	—	3	—
Palsy,	4	2	34	21
Periodical,	—	—	48	56
Pneumonia,	—	—	—	1
Rheumatism,	—	—	3	1
Satyriasis,	—	—	1	—
Serofula,	—	—	—	2
Sea-sickness,	—	—	—	1
Somnambulism,	—	—	—	1
Sore Finger,	—	—	—	1

TABLE No. 2—Continued.

SUPPOSED CAUSES.	1858.		Previously.	
	Males.	Females.	Males.	Females.
Spinal Disease, . . . .	—	—	—	1
Suppressed Eruption, . . . .	—	—	5	4
Ulcer, . . . .	—	—	1	3
Tic Doloureux, . . . .	—	—	—	1
Tumor, . . . .	—	—	—	1
Whooping Cough, . . . .	—	—	—	1
Amenorrhœa, . . . .	—	—	—	14
Lactation, . . . .	—	—	—	5
Menorrhagia, . . . .	—	—	—	2
Menorrhagia, suppressed, . . . .	—	—	—	1
Miscarriage, . . . .	—	—	—	1
Pregnancy, . . . .	—	—	—	3
Puerperal, . . . .	—	5	—	136
Turn of Life, . . . .	—	5	—	21
Amputation of Leg, . . . .	—	—	1	—
Bathing in cold water, . . . .	—	—	2	—
Cut Foot, . . . .	—	—	1	1
Dog Bite, . . . .	—	—	1	—
Drinking cold water, . . . .	—	—	1	—
Dye-house, fumes of, . . . .	—	—	1	—
Exposure to cold, . . . .	—	—	6	—
Fall, . . . .	—	—	—	4
Fracture of Arm, . . . .	—	—	—	1
Injury, . . . .	—	—	4	3
Injury of Head, . . . .	1	1	43	7
Kick of Horse, . . . .	—	—	1	—
Lead, poison of, . . . .	—	—	2	—
Lightning, . . . .	—	—	1	1
Loss of Blood, . . . .	—	—	1	—
Malformation of Head, . . . .	—	—	1	—
Poison, . . . .	—	—	1	—
Spinal Injury, . . . .	—	—	1	1
Excess of Labor, . . . .	—	—	28	51
Loss of Sleep, . . . .	—	—	—	3
Fatigue and Exposure, . . . .	2	1	1	2
Study, excessive, . . . .	—	—	25	6
Inventions, . . . .	—	—	1	—
Excitement, . . . .	—	—	2	4
Excitement of Politics, . . . .	—	—	1	2
Anticipation of Marriage, . . . .	—	—	—	1
Fortune being told, . . . .	—	—	—	1
Enthusiasm, . . . .	—	—	—	1
Mesmerism, . . . .	—	—	—	1

TABLE No. 2—Continued.

SUPPOSED CAUSES.	1858.		Previously.	
	Males.	Females.	Males.	Females.
Spiritualism,	1	1	10	13
Light Reading, Novels, &c.,	—	—	—	1
Anxiety,	—	—	2	11
Criminal Trial,	—	—	2	—
False Accusation,	—	—	—	1
Imprisonment,	—	—	1	—
Death of Brother,	—	—	1	3
Children,	—	—	3	19
Father,	—	—	2	1
Friends,	—	—	2	3
Husband,	—	—	—	19
Mother,	—	—	1	6
Niece,	—	—	—	1
Sister,	—	—	—	3
Wife,	—	—	10	—
Husband, departure of,	—	—	—	1
sickness of,	—	—	—	3
intemperance of,	—	—	—	2
desertion of,	—	—	—	2
abuse of,	—	—	—	7
Abuse of master,	—	—	1	—
parent,	—	—	1	2
Domestic trouble,	2	9	57	127
grief,	—	—	56	137
cares,	—	—	—	1
Marriage, unfit,	—	—	4	2
Disappointment,	—	—	4	7
in Love,	—	—	47	51
Disappointed ambition,	1	1	5	5
Homesickness,	—	—	1	5
Lost in woods,	—	—	—	1
Shipwreck,	—	—	1	—
Fright,	—	2	10	15
Fear,	—	—	2	—
of Death,	—	1	1	—
of Insanity,	—	—	1	—
Being witness in Court,	—	—	—	1
Seduction,	—	—	—	1
Millerism,	—	—	5	5
Religious,	—	—	89	142
Religious anxiety,	—	—	1	4
excitement,	—	—	13	8
fanaticism,	—	—	13	7

TABLE No. 2—Continued.

SUPPOSED CAUSES.	1858.		Previously.	
	Males.	Females.	Males.	Females.
Religious perplexity,	—	—	9	3
Pathetism,	—	—	—	1
Infidelity,	—	—	1	—
Mormonism,	—	—	1	—
Pecuniary anxiety,	—	—	18	5
difficulty,	—	—	55	8
loss,	—	—	43	10
Strike for Wages,	—	—	1	—
California Excitement,	—	—	2	—
Poverty,	—	—	—	1
Fear of Poverty,	3	—	25	11
Giving up Business,	—	—	1	—
Change of Business,	—	—	1	—
Indulgence of Parents,	—	—	3	1
Jealousy,	1	3	16	20
Passion uncontrolled,	—	—	—	1
Violent temper,	—	—	1	14
Anger,	—	—	—	1
Great Indignation,	—	—	1	—
Intemperance,	11	2	413	46
Opium, use of,	—	1	—	3
Tobacco, use of,	—	—	1	3
Masturbation,	3	1	232	24
Venery, excess of,	—	—	1	—

Little is known respecting the causes of insanity. They may be remote and only slightly predisposing to the influence of the disease, or they may be immediate and exciting to a greater or less degree.

Among the remote causes are constitutional predisposition, hereditary or otherwise. The influence of education, moral and physical, the peculiarities of organization, and previous attacks of disease seriously disturbing the action of the brain.

Some of the immediate and exciting causes are domestic affliction, reverses of fortune, disappointments, jealousy, and unrestrained anger. The exciting causes may also be physical, as irregular menstruation, consequence of parturition, apoplexy, blows on the head and abuse of strong drink.

It has been supposed that some peculiarity, mental or physical, is necessary to the development of insanity; without the existence of

which, causes capable of producing the disease will not affect the individual, or they will put in motion some other train of morbid phenomena.

Habitual intoxication does not always produce insanity. Some are afflicted with paralysis, some with apoplexy, others with disease of the liver or lungs.

Again, it is supposed that there is something in the state or condition of society which promotes a peculiar susceptibility to mental diseases. It is well known that a false system of education increases the susceptibility to mental disease.

By lack of moral discipline and by capricious indulgence, the passions acquire a controlling power, and thus form a character subject to violent emotions. An overstrained and premature exercise of the intellectual powers is equally destructive to mental health. During the early years of existence the brain is inadequate to perform the task of reflection to any great extent, or to accomplish any purely intellectual labor.

The artificial forcing of young minds is utterly destructive to sound health of body or mind. Parents and teachers ambitious for the intellectual prowess of their children and pupils destroy their own hopes and lay the foundation for early bodily disease and mental decay.

Notwithstanding the extensive religious awakening and excitement during the early part of the year the insanity of few if any of the patients admitted during the ten months had any connection with the doubts, fears, and anxieties respecting a future state of existence.

We believe that the number of persons made insane by the influence of religious hopes and fears has been greatly overstated. The insane mind is frequently occupied by delusions of a religious nature when it is well known that the cause of its derangement has no connection with feelings or impressions relating to a future state of existence. No richer or wider field than the invisible world, can be offered to the gloomy misanthrope whose mind is already diseased, none his imagination will be more apt to choose to wander in and dwell on, when the whole origin of his derangement may have been nothing more than the influence of dyspepsia or some trivial reverse of fortune.

Ill health in its various forms, as usual, stands at the head of our table, sending us twice the number of females that it does of males.

Intemperance sends us thirteen, and domestic affliction, frequently caused by intemperance, eleven.

TABLE No. 3.

*Diseases which have proved Fatal, from January 18, 1833, to September 30, 1858.*

	1858.		Previously.	
	Males.	Females.	Males.	Females.
Apoplexy,	.	.	-	-
Asthma,	.	.	1	-
Anæmia,	.	.	-	-
Asphyxia,	.	.	-	-
Bronchitis,	.	.	-	-
Brain Fever,	.	.	-	-
Consumption,	.	.	2	4
Convulsions,	.	.	-	-
Cholera Morbus,	.	.	-	-
Cholera,	.	.	-	-
Cancer,	.	.	-	-
Congestion of Lungs,	.	.	-	-
Brain,	.	.	-	-
Chronic Dysentery,	.	.	-	-
Meningitis,	.	.	2	-
Dysentery,	.	.	-	-
Dropsy,	.	.	-	-
Delirium Tremens,	.	.	-	-
Disease of Heart,	.	.	-	-
of Bladder,	.	.	-	-
of Brain,	.	.	-	-
Diarrhoea,	.	.	-	-
Enteritis,	.	.	-	-
Epilepsy,	.	.	4	2
Exhaustion,	.	.	-	-
Erysipelas,	.	.	-	-
Gangrene of Lungs,	.	.	-	-
Hydro-thorax,	.	.	-	-
Hemorrhage,	.	.	-	-
Hemoptysis,	.	.	-	-
Inflammation of Bowels,	.	.	-	-
Jaundice,	.	.	-	-
Marasmus,	.	.	1	4
Mortification,	.	.	-	-
Maniacal Exhaustion,	.	.	-	-
Malignant Fever,	.	.	-	-
Old Age,	.	.	2	1
Palsy,	.	.	4	2
Pneumonia,	.	.	-	1
Pleurisy,	.	.	-	-
Rupture,	.	.	-	-
Syncope,	.	.	-	-
Suicide,	.	.	-	-
Suppurative Phlebitis,	.	.	-	-
Typhoid Fever,	.	.	-	1
Typho Mania,	.	.	2	1
Total,	.	.	18	16
			311	294

Three persons died, within the ten months which this report embraces, who were more than eighty years of age.

Four were between the ages of seventy and eighty years, and six were between the ages of sixty-five and seventy years. Making thirteen of those the cause of whose death is stated in the table of mortality upwards of sixty-five years of age each.

Of the patients who died, seven were admitted since December 1, 1857. Two had been inmates of the hospital more than fifteen years, and two more than ten years each.

Two patients died within thirty-six hours after admission; three within one week after admission, and two within two weeks after admission.

TABLE No. 5,

*Showing the Ages of Patients admitted from November 30, 1857, to September 30, 1858.*

Less than 15 years of age, . . . . .	3
Between 15 and 20, . . . . .	18
20 and 30, . . . . .	63
30 and 40, . . . . .	93
40 and 50, . . . . .	78
50 and 60, . . . . .	35
60 and 70, . . . . .	12
70 and 80, . . . . .	3
More than 80 years of age, . . . . .	2
Total, . . . . .	307

TABLE No. 6,

*Showing the Ages of Patients remaining in the Hospital, September 30, 1858.*

Less than 15 years of age, . . . . .	1
Between 15 and 20, . . . . .	9
20 and 30, . . . . .	52
30 and 40, . . . . .	128
40 and 50, . . . . .	84
50 and 60, . . . . .	40
60 and 70, . . . . .	15
70 and 80, . . . . .	8
More than 80 years of age, . . . . .	4
Total, . . . . .	301

TABLE No. 7,

*Showing the Duration of Insanity before admission, of those admitted from November 30, 1857, to September 30, 1858.*

Insane less than 1 year, . . . . .	135
more than 1 and less than two years, . . . . .	52
2 and less than 5 years, . . . . .	40
5 and less than 10 years, . . . . .	23
10 and less than 15 years, . . . . .	19
15 and less than 20 years, . . . . .	12
20 and less than 25 years, . . . . .	8
25 and less than 30 years, . . . . .	1
30 years, . . . . .	2
Unascertained, . . . . .	15
Total, . . . . .	307

TABLE No. 8,

*Showing the Duration of Insanity of those remaining September 30, 1858.*

Insane less than 1 year, . . . . .	41
more than 1 and less than 2 years, . . . . .	33
2 and less than five years, . . . . .	52
5 and less than 10 years, . . . . .	95
10 and less than 15 years, . . . . .	30
15 and less than 20 years, . . . . .	15
20 and less than 25 years, . . . . .	9
25 and less than 30 years, . . . . .	11
30 years, . . . . .	3
Unascertained, . . . . .	12
Total, . . . . .	301

TABLE No. 9,

*Showing the Civil Condition of Patients admitted from November 30, 1857, to September 30, 1858.*

Unmarried, . . . . .	158
Married, . . . . .	122
Widows, . . . . .	14
Widowers, . . . . .	6
Unascertained, . . . . .	7
Total, . . . . .	307

TABLE No. 10,

*Showing the Civil Condition of Patients remaining September 30, 1858.*

Unmarried, . . . . .	165
Married, . . . . .	84
Widows, . . . . .	23
Widowers, . . . . .	8
Unascertained, . . . . .	21
Total, . . . . .	301

TABLE No. 11,

*Showing the Occupation of Patients admitted into the Hospital from January 18, 1833, to September 30, 1858, inclusive.*

OCCUPATION OF PATIENTS.	1858.	Previously.
MALES.		
Auctioneers, . . . . .	—	3
Armorers, . . . . .	—	3
Author, . . . . .	1	—
Blacksmiths, . . . . .	2	32
Bakers, . . . . .	—	6
Butchers, . . . . .	—	5
Book-keepers, . . . . .	—	5
Book-binders, . . . . .	1	6
Boot-makers, . . . . .	—	15
Brokers, . . . . .	—	2
Britannia-workers, . . . . .	—	2
Brickmakers, . . . . .	—	5
Bellows-makers, . . . . .	—	2
Brewers, . . . . .	—	2
Basket-makers, . . . . .	—	—
Bricklayers, . . . . .	—	3
Butlers, . . . . .	—	2
Barbers, . . . . .	—	3
Clergymen, . . . . .	2	16
Carpenters, . . . . .	8	107
Coppersmiths, . . . . .	—	6
Coopers, . . . . .	1	15
Cabinet-makers, . . . . .	—	9
Calico-printers, . . . . .	—	3
Clothiers, . . . . .	—	17
Comb-makers, . . . . .	—	4
Coach-makers, . . . . .	—	7
Card-makers, . . . . .	1	1
Chair-makers, . . . . .	—	3
Cigar-makers, . . . . .	—	3
Coachmen, . . . . .	—	16

TABLE No. 11—Continued.

OCCUPATION OF PATIENTS.	1858.	Previously.
Clerks,	2	24
Carpet weaver,	—	1
Curriers,	—	7
Cashiers of Banks,	—	4
Cordwainers,	—	4
Collectors,	—	2
Caulkers,	—	4
Chandlers,	—	5
Camphene distiller,	—	1
Conductor on railroad,	1	1
Dyers,	—	4
Druggists,	—	3
Draymen,	—	3
Drover,	—	1
Dancing master,	—	1
Daguerreotypist,	—	1
Engravers,	1	2
Editors,	—	4
Express-men,	—	3
Farmers,	30	420
Fishermen,	1	12
Fruiterers,	—	4
Gunsmiths,	—	3
Gardeners,	—	9
Grocers,	—	3
Glass-blowers,	—	3
Gilders,	—	2
Hotel-keepers,	—	15
Hatters,	—	3
Hostlers,	—	9
Housewrights,	—	7
Harness-makers,	—	7
Ironmongers,	—	3
Jewellers,	—	11
Lawyers,	—	12
Laborers,	32	290
Last-maker,	—	1
Manufacturers,	—	31
Millers,	—	6
Merchants,	4	107
Masons,	—	17
Miners,	—	5
Mat-makers,	—	3
Miniature painter,	—	1
Musicians,	—	7
Machinists,	1	29
Messengers,	—	2
Moulders,	—	6
Millwright,	—	1
Millers,	1	3
Nailer,	—	1
Newsmen,	—	3
Optician,	—	1

TABLE No. 11—Continued.

OCCUPATION OF PATIENTS.	1858.	Previously.
Operatives in mill,	2	47
Oystermen,	-	4
Painters,	1	27
Printers,	-	29
Physicians,	-	11
Paper-makers,	-	4
Peddlers,	-	17
Pilot,	-	1
Potters,	-	3
Porters,	-	9
Pump and Block-makers,	-	3
Pattern-makers,	1	4
Police officers,	1	3
Rope-makers,	-	9
Riggers,	-	3
Restaurators,	-	7
Shoemakers,	12	183
Sail-makers,	-	9
Soap-makers,	-	4
Sash and Blind makers,	-	2
Stage drivers,	-	4
Sea Captains,	1	14
Sailors,	3	94
Saddlers,	-	9
Silversmiths,	-	19
Students,	-	49
Stock-maker,	-	1
Silk-weavers,	-	2
Ship Carpenters,	-	17
Ship Brokers,	-	2
Shop keepers,	-	3
Stone cutters,	2	12
Soldiers,	-	5
Spinners,	-	13
Sheriffs,	-	3
Shoe dealers,	-	3
Stable keepers,	-	2
Shoe binders,	-	7
Tailors,	1	13
Teachers,	1	49
Tobacconists,	-	3
Teamsters,	1	11
Tinmen,	-	2
Umbrella-makers,	-	4
Victuallers,	-	3
Wheelwrights,	-	13
Watchmakers,	-	4
Wood-turners,	-	3
Watchman,	-	1
Whip-maker,	-	1
Weavers,	-	17

TABLE No. 11—Continued.

OCCUPATION OF PATIENTS.	1858.	Previously.
FEMALES.		
Carpet weavers,	.	2
Cooks,	.	55
Chambermaids,	.	33
Dress makers,	.	47
Engraver,	.	1
Housekeepers,	.	67
Housemaids,	.	112
Laundresses,	.	44
Milliners,	.	22
Mantua-makers,	.	6
Midwife,	.	—
Nurses,	.	12
Nursery-maids,	.	18
Operatives in mill,	.	116
Seamstresses,	.	305
Straw-sewers,	.	7
Shoe-binders,	.	16
Students,	.	4
School girls,	.	36
Teachers,	.	56
Tailoresses,	.	33
Type-setter,	.	1
Wool stapler,	.	1
Weavers,	.	17

TABLE No. 12,

*Showing the Duration of Insanity before admission of Patients, admitted from January 18, 1833, to September 30, 1858.*

MALES.		
Insane less than 1 year,	.	1,606
more than 1 year and less than 2 years,	.	326
2 years and less than 5 "	.	427
5 years and less than 10 "	.	233
10 years and less than 15 "	.	115
15 years and less than 20 "	.	35
20 years and less than 25 "	.	37
25 years and less than 30 "	.	16
30 years,	.	24
Unascertained,	.	225
Total,	.	3,044

TABLE No. 12—Continued.

FEMALES.					
Insane less than 1 year,	.	.	.	.	1,641
more than 1 year and less than 2 years,	.	.	.	.	287
2 years and less than 5 "	.	.	.	.	373
5 years and less than 10 "	.	.	.	.	202
10 years and less than 15 "	.	.	.	.	127
15 years and less than 20 "	.	.	.	.	36
20 years and less than 25 "	.	.	.	.	39
25 years and less than 30 "	.	.	.	.	9
30 years,	.	.	.	.	24
Unascertained,	.	.	.	.	237
Total,	.	.	.	.	2,975

TABLE No. 13,

*Showing the Ages of Patients admitted to the Hospital from January 18, 1833, to September 30, 1858.*

		Males.	Females.
Less than 15 years of age,	.	19	24
Between 15 and 20 years of age,	.	199	183
20 and 30 "	.	799	773
30 and 40 "	.	689	762
40 and 50 "	.	583	606
50 and 60 "	.	310	359
60 and 70 "	.	180	143
70 and 80 "	.	50	51
More than 80 years of age,	.	7	14
Unascertained,	.	8	17
Totals,	.	2,844	2,932

TABLE No. 14,

*Showing the Civil Condition of Patients admitted to the Hospital from January 18, 1833, to September 30, 1858.*

Civil Condition.	Males.	Females.
Unmarried,	1,520	1,262
Married,	1,170	1,250
Widowers,	135	
Widows,		343
Unascertained,	38	35
Totals,	2,863	2,890

TABLE No. 15,

*Showing the Number of Admissions and Discharges, and the Whole Number under Treatment for each of ten months.*

	Whole Number.	ADMITTED.		DISCHARGED.	
		Males.	Females.	Males.	Females.
December, 1857, . . .	395	12	11	11	9
January, 1858, . . .	393	9	7	5	15
February, " . . .	393	10	8	8	7
March, " . . .	397	11	8	9	10
April, " . . .	401	11	12	13	12
May, " . . .	404	16	12	14	16
June, " . . .	397	11	12	8	10
July, " . . .	402	12	11	15	8
August, " . . .	443	24	40	46	28
September, " . . .	434	26	43	51	81
Totals, . . .		142	165	180	196

TABLE No. 16,

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

	1858.		Total.	Previously.	Whole No.
	Males.	Females.			
Barnstable, . . . .	-	-	-	126	126
Berkshire, . . . .	5	2	7	177	184
Bristol, . . . .	21	37	58	281	239
Dukes, . . . .	-	-	-	19	19
Essex, . . . .	22	18	40	392	432
Franklin, . . . .	1	1	2	121	123
Hampden, . . . .	10	7	17	334	351
Hampshire, . . . .	2	4	6	214	220
Middlesex, . . . .	20	30	50	718	768
Nantucket, . . . .	-	-	-	31	31
Norfolk, . . . .	3	2	5	565	570
Plymouth, . . . .	-	2	2	229	231
Suffolk, . . . .	17	29	46	568	614
Worcester, . . . .	38	31	69	1,383	1,452
Other States, . . . .	3	2	5	12	17
Totals, . . . .	142	165	307	5,468	5,775

## TABLE No. 17,

*Showing the whole number of Patients during the ten months, the average number, the number at the end of each year, the expense of each year, and the annual expense for each Patient for each of the twenty-six years the Hospital has been in operation.*

Year.	Whole No.	Average No.	No. at end of each year.	Current expenses of each year.	Annual expense for each patient.
1833, .	153	107	114	\$12,272 91	\$114 67
1834, .	233	117	118	15,840 97	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	29,546 87	111 12
1843, .	458	244	255	27,914 12	114 40
1844, .	491	261	263	29,278 75	112 17
1845, .	656	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
1851, .	704	462	466	52,485 33	112 61
1852, .	775	515	532	43,878 35	85 20
1853, .	820	537	520	53,636 66	103 14
1854, .	819	430	381	53,221 52	123 77
1855, .	580	349	336	54,895 88	157 29
1856, .	577	357	376	45,631 37	128 64
1857, .	647	387	372	49,004 75	124 04
1858, .	679	372	301	38,267 26	102 86

## LUNATIC HOSPITAL AT WORCESTER.

[Oct.]

TABLE No. 18,  
*Showing the Statistics of the Hospital from January 18, 1833, to September 30, 1858.*

TABLE No. 19.  
*Per Cent.*

	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858		
Per cent. of recovery of recent cases,	82	82	84	89	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	
Per cent. of recovery of all discharged, .	54	46	53	57	52	47	53	49	46	59	54	62	54	57	49	53	54	54	54	54	54	54	54	54	54	54	54	
Per cent. of recovery of old cases, .	20	18	19	25	15	17	22	21	16	29	24	31	24	28	17	19	24	21	18	18	21	24	29	17	15	20	20	
Per cent. of admissions of the most prominent causes each year:—																												
Ill Health, . . . . .	8	18	21	22	21	28	27	25	23	18	16	15	13	11	17	18	18	18	18	18	18	18	18	18	18	18	18	
Religious, . . . . .	9	6	7	7	6	9	5	4	4	9	13	9	7	10	6	1	2	4	2	3	4	2	3	4	3	1	1	1
The affections, . . . . .	14	12	17	16	16	15	25	17	13	15	9	10	14	*	1	12	11	10	8	11	6	2	8	5	2	5	5	5
Property, . . . . .	7	11	9	6	6	10	6	5	4	5	7	3	9	5	3	2	4	3	2	3	2	2	1	1	1	1	1	1
Intemperance, . . . . .	25	24	23	15	10	16	8	12	12	8	6	8	10	10	7	5	4	3	4	2	2	4	2	2	2	2	2	2
Masturbation, . . . . .	5	6	7	16	21	6	8	7	6	4	3	2	6	3	2	2	4	3	4	2	4	3	3	1	1	1	1	1
Per cent. of deaths of all in the Hospital each year, 2,613,433,331,3,262,944,425,533,3,833,3.	3.79	4.08	3.05	4.31	5.96	4.94	4.58	5.42	8.05	5.53	5.81	5.	5.58	4.06	5.	5.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Per cent. of deaths of average number of residents each year, . . . . .	3.07	6.08	6.96	6.03	5.65	7.58	9.80	6.55	5.15	5.	9.	5.74	7.59	10.55	7.95	7.92	9.	12.05	8.	8.73	7.88	7.09	7.08	11.	9.1	9.1	9.1	

[Oct.

## TABULAR VIEW

Of the Condition of the Patients in the State Lunatic Hospital from December 1, 1856, to September 30, 1858, inclusive.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil Condition.	Supposed Cause.	Duration before Admission.	By whom Committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Homicidal.
											Hereditary.	Hereditary.
2	Jan. 22 1833	55	Male	Widower	Religious, .	17 years	The Court	25 yrs 8 mths	Remains	Stationary	do	do
209	April 30 1834	29	do	Single	Unknown, .	6 do	do	24 yrs 3½ mths	Discharged	Improved	do	do
582	May 26 1837	37	Female	do	Love affair, .	6 months	Friends	21 yrs 4 mths	Remains	Stationary	do	do
876	Dec. 28 1839	24	Male	do	Unknown, .	3 do	The Court	19 yrs 9 mths	do	Improved	do	do
805	Mar. 1 1840	30	Female	do	III health, .	2 do	The Overseers	19 yrs 6 mths	do	do	do	do
973	Aug. 5 1840	33	Male	do	Masturbation, .	9 years	The Court	19 yrs 6 mths	do	do	do	do
1078	Mar. 28 1842	29	do	do	Love affair, .	4 months	do	18 yrs 6 mths	Transferred	Stationary	Pauper, Indian.	do
1092	April 21 1844	26	Female	do	III health, .	6 years	do	18 yrs 5 mths	Remains	do	do	do
1144	Aug. 12 1845	50	do	do	do .	8 do	do	18 yrs 5 mths	do	do	do	do
1156	Sept. 4 1841	40	Male	Married	Unknown, .	2 do	do	18 yrs 1 mth	do	do	do	do
1228	Mar. 3 1252	32	do	Single	do .	3 years	do	17 yrs 5 mths	Transferred	Stationary	do	do
1319	Sept. 15 1842	31	Female	Married	III health, .	2 months	The Friends	17 yrs 5 mths	Remains	do	do	do
1390	Jan. 24 1406	29	Male	do	Unknown, .	1 year	The Court	16 yrs 11 months	do	do	do	do
1423	Feb. 28 Mar. 30	30	do	do	do .	6 years	do	16 yrs 8 mths	Remains	do	do	do
1481	July 15 Oct. 11	36	do	do	do .	2 do	do	16 yrs 7 mths	do	do	do	do
1531	do	40	do	do	do .	30 do	do	16 yrs 1 mth	Died	Old Age	do	do
1565	Dec. 7 1843	22	do	do	do .	13 do	do	16 yrs 2 mths	Remains	Stationary	do	do
1583	Jan. 15 1655	28	Male	do	Masturbation, .	13 do	do	16 yrs 9 mths	do	do	do	do
1696	May 18 July 15	50	Female	do	Unknown, .	3 months	do	15 yrs 9 mths	do	do	do	do
1772	Nov. 16	35	do	do	III health, .	6 years	do	15 yrs 4 mths	do	do	do	do
		29	Male	do	Masturbation, .	7 years	do	15 yrs 2 mths	do	do	do	do
								14 yrs 10 mths	do	do	do	do
1873	May 8 1935	27	do	do	Hard Study, .	2 years	do	14 yrs 3 mths	Discharged	Improved	do	do
1935	Aug. 5 do	25	Female	do	Unknown, .	10 days	do	14 yrs 1 mth	Transferred	Stationary	do	do
1935	do	27	do	do	do .	6 years	do	14 yrs 1 mth	Remains	do	do	do
1981	Oct. 2 1881	36	do	do	do .	5 do	do	14 yrs 1 mth	do	do	do	do
		12	do	do	do .	2 do	do	14 yrs	do	do	do	do

2014 Dec. 2	31	Male	Married	Unknown, .	.	.	21 years	The Overseers	13 yrs	7 mths	Discharged	Stationary
2047 Jan. 8	21	do	Single	Masturbation,	.	.	6 do	do	13 yrs	7 mths	Remains	do
2048 do 9	29	do	do	do	.	.	6 do	The Friends	13 yrs	7 mths	do	do
2053 do 20	45	do	Married	Intemperance,	.	.	6 weeks	The Court	13 yrs	7 mths	Discharged	do
2083 Mar. 8	34	do	Single	Hard study,	.	.	1 year	do	13 yrs	5 mths	do	Periodical.
2197 July 22	21	do	do	Masturbation,	.	.	2 years	The Friends	13 yrs	2 mths	Remains	do
2220 Aug. 29	28	do	do	Unknown,	.	.	5 weeks	do	13 yrs	1 mth	do	Hereditary.
2229 Sept. 8	27	Female	do	Masturbation,	.	.	3 years	The Court	13 yrs	10 mths	do	do
2248 Oct. 1	25	do	do	Unknown,	.	.	3 do	do	12 yrs	10 mths	Discharged	Periodical.
2289 Nov. 3	30	Male	do	Masturbation,	.	.	5 do	The Friends	12 yrs	1 mth	Remains	do
2310 Dec. 5	23	do	do	Ill health,	.	.	2 do	do	12 yrs	8 mths	Discharged	do
2412 April 18	20	Male	do	Disappointment, .	.	.	1 week	The Friends	12 yrs	5 mths	Remains	do
2419 May 11	48	do	do	Unknown, .	.	.	Unknown	do	12 yrs	4 mths	do	do
2443 June 10	26	Female	Single	do	.	.	2 months	The Court	12 yrs	3 mths	Transfer'd	do
2544 Oct. 5	29	Male	Married	Jealousy, .	.	.	4 do	do	11 yrs	11 mths	do	do
2645 April 16	44	Female	do	Unknown, .	.	.	2 do	The Friends	11 yrs	5 mths	Remains	do
2687 June 8	35	Male	Single	do	.	.	9 do	The Court	11 yrs	3 mths	do	do
2802 Oct. 29	27	Female	do	do	.	.	6 do	do	10 yrs	11 mths	do	do
2839 Dec. 21	43	Male	do	Intemperance,	.	.	14 do	Sup. J. Court	10 yrs	9 mths	do	Improved
2860 Jan. 8	37	Female	do	Hard study,	.	.	1 year	The Friends	10 yrs	8 mths	do	do
2875 Feb. 2	51	do	do	Disappointed affection,	.	.	31 years	do	10 yrs	7 mths	do	Stationary
2945 June 1	28	do	do	Unknown, .	.	.	10 days	The Court	10 yrs	3 mths	Transfer'd	do
2981 July 11	24	do	do	III health,	.	.	5 years	do	10 yrs	2 mths	Remains	do
3040 Sept. 18	30	Male	do	Unknown,	.	.	3 months	The Court	10 yrs	1 mth	Discharged	do
3065 Oct. 25	30	Female	do	do	.	.	38 years	The Friends *	9 yrs	11 mths	Remains	do
3076 Nov. 14	64	Male	Married	III health,	.	.	2 do	do	9 yrs	10 mths	do	do
3085 Dec. 1	37	Female	do	do	.	.	12 do	The Court	9 yrs	10 mths	do	do
3114 Jan. 30	30	Female	Single	Unknown, .	.	.	2 do	do	9 yrs	8 mths	Transfer'd	do
3125 Feb. 13	57	do	Widow	Domestic affliction,	.	.	6 do	do	9 yrs	7 mths	Remains	Stationary
3145 Mar. 13	45	Male	Single	Unknown, .	.	.	15 do	The Friends	8 yrs	8 mths	Discharged	Improved
3191 May 12	28	do	do	do	.	.	4 months	The Court	9 yrs	4 mths	Remains	Stationary
3192 do. 14	20	Female	do	do	.	.	3 do	do	9 yrs	4 mths	Transfer'd	do
3242 July 9	30	Male	do	Sun struck,	.	.	1 year	do	9 yrs	2 mths	Discharged	Improved
3247 do 16	40	do	Unknown	Unknown, .	.	.	Unknown	do	9 yrs	2 mths	Transfer'd	do
3250 do 24	33	Female	do	do	.	.	do	do	8 years	10 mths	Died	Palsy
3250 Aug. 31	60	Male	Married	do	.	.	2 years	Overseers	9 yrs	10 mths	do	Consumption
3294 Sept. 20	23	Female	Single	III health,	.	.	3 months	The Court	9 years	4 mths	do	do
3315 Oct. 3	23	do	do	Epilepsy,	.	.	9 years	do	8 yrs	4 mths	Remains	do
3334 Nov. 6	21	do	do	Unknown,	.	.	Unknown	The Friends	8 yrs	11 mths	do	Hereditary.
3365 Dec. 11	55	do	do	do	.	.	10 months	The Court	8 yrs	10 mths	do	do
3369 do 14	45	Male	Married	do	.	.	8 do	do	8 yrs	10 mths	Transfer'd	do
3380 Jan. 3	23	do	Single	Disappointed affection,	.	.	6 months	Probate Court	8 yrs	8 mths	Remains	do

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil Condition.	Supposed Cause.	Duration before Admission.	By whom Committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Homicidal.
	1850											
3420	Mar. 20	27	Male	Single	Fright,	6 years	Probate Court	8 yrs	5 mths	Transfer'd	Stationary	
3427	April 2	35	Female	Married	Unknown,	5 do	do	8 yrs	6 mths	Remains	Improved	
3488	June 28	33	Male	Single	do	18 months	do	8 yrs	6 mths	Discharged	Improved	
3529	Aug. 17	24	do	Married	Sun struck,	2 years	do	8 yrs	16 mths	Transfer'd	Stationary	
3534	Sept. 14	50	do	Unknown	Unknown,	10 do	Munic'l Court	7 yrs	6 mths	Died	Asthma	
3595	Nov. 21	30	do	Single	do	Unknown	Probate Court	7 yrs	6 mths	Transfer'd	Stationary	
3605	Dec. 11	35	do	do	Followed fever,	2 years	Overseers	7 yrs	9 mths	Remains	do	
3613	do 28	23	Female	do	do	20 do	The Friends	7 yrs	9 mths	do	do	
	1851											
3623	Jan. 6	45	do	Married	Unknown,	6 do	Overseers	7 yrs	8 mths	do	do	
3737	June 9	60	Male	do	do	6 weeks	Probate Court	7 yrs	3 mths	Transfer'd	do	
3761	July 3	21	Single	Masturbation,	do	8 years	The Friends	6 yrs	10 mths	Died	do	
3781	do 28	31	do	Unknown,	do	1 week	Probate Court	7 yrs	2 mths	Transfer'd	Improved	
3795	Aug. 19	44	Female	do	do	5 years	The Friends	7 yrs	1 mth	Remains	Stationary	
3815	Sept. 12	24	do	do	do	2 weeks	Probate Court	7 yrs	do	do	do	
3825	Oct. 9	22	do	do	do	3 years	do	6 yrs	9 mths	Transfer'd	Improved	
3857	Nov. 25	40	Male	do	do	6 months	do	6 yrs	4 mths	Died	do	
3876	Dec. 15	59	do	do	do	6 weeks	do	6 yrs	9 mths	Transfer'd	Epilepsy	
3877	do 16	40	do	Married	do	2 do	do	6 yrs	do	do	do	
	1852											
3891	Jan. 2	43	do	Single	do	do	Unknown	6 yrs	8 mths	Transfer'd	do	
3892	do 3	54	Female	Married	do	14 years	The Friends	6 yrs	8 mths	Discharged	do	
3925	Feb. 19	28	Male	Widower	Loss of wife,	2 months	Probate Court	6 yrs	7 mths	Transfer'd	do	
3936	Mar. 5	37	Female	Married	Puerperal,	2 years	do	6 yrs	6 mths	do	Improved	
3941	do 14	32	do	do	Domestic trouble,	15 do	do	6 yrs	6 mths	do	do	
3957	do 17	30	Male	Single	Disappointed affection,	8 months	do	6 yrs	3 mths	Remains	do	
4003	June 7	47	do	Married	Epilepsy,	12 years	do	6 yrs	1 mth	Transfer'd	do	
4075	Aug. 9	38	do	do	Unknown,	2 weeks	Munic'l Court	6 yrs	7 mths	Discharged	Recovered	
4116	Sept. 25	69	do	Single	do	1 month	Overseers	5 yrs	7 mths	Remains	Recovered	
4125	Oct. 5	39	Female	Widow	do	Unknown	Probate Court	6 yrs	2 mths	Died	Improved	
4187	Dec. 23	77	do	Married	do	6 months	Overseers	5 yrs	2 mths	do	Old age	
	1853											
4214	Feb. 1	34	Male	Single	Epilepsy,	years	Probate Court	5 yrs	6 mths	Died	Epilepsy	
4261	Mar. 28	35	Female	do	Unknown,	2 years	Overseers	4 yrs	8 mths	Discharged	Recovered	
4328	June 3	23	Male	do	Masturbation,	3 do	Probate Court	5 yrs	4 mths	Remains	Stationary	
4349	do 23	38	Female	Married	Unknown,	2 months	do	5 yrs	3 mths	do	Improved	
4365	Sept. 2	39	do	do	do	1 week	Overseers	5 yrs	1 mth	do	Stationary	
4401	do 9	46	Male	do	Injury on head,	10 months	Probate Court	5 yrs	1 mth	do	do	
4409	do 20	32	Female	do	Unknown,	years	Overseers	4 yrs	11 mths	Transfer'd	Improved	
4412	do 22	46	Male	do	Epilepsy,	do	do	do	do	do	do	do

Periodical.		Homicidal.		Hereditary.	
	do		do		do
4414 Sept.	23	Female Married	Unknown,		
4431 Oct.	19	do	Over exertion,		
4463 do	30	do	Unknown,		
4497 Nov.	21	Male	Unknown		
4476 Dec.	15	do	do		
4478 do	26	Female Single	do		
1854	42	do	Unknown		
4482 Jan.	3	Male	Widower		
4463 do	13	do	Married		
4497 do	16	do	Single		
4520 Feb.	20	Female	Single		
4532 Mar.	15	do	Male		
4566 April	13	do	Female		
4570 do	20	do	do		
4584 do	28	do	do		
4586 do	28	do	do		
4595 May	8	do	do		
4601 do	19	do	Married		
4613 June	4	do	Single		
4621 do	9	do	do		
4629 do	15	do	Married		
4633 do	21	do	Single		
4637 do	22	do	do		
4640 do	23	do	Married		
4650 July	3	do	Widower		
4651 do	3	do	do		
4681 Aug.	25	do	Married		
4682 do	28	do	Widower		
4684 do	31	do	do		
4688 Sept.	2	do	Unknown		
4705 do	13	do	Married		
4706 do	13	do	Male		
4710 do	28	do	Single		
4721 Oct.	11	do	do		
4727 do	23	do	do		
4728 do	24	do	do		
4733 do	25	do	do		
4741 Nov.	16	do	Unknown,		
4742 do	18	do	do		
4746 do	20	do	do		
4749 do	24	do	Married		
4755 do	25	do	do		
1855	19	Male	Single		
4773 Jan.	9	do	do		
4788 Feb.	2	do	do		
4794 do	17	do	do		
4795 do	20	do	do		
4798 do	24	do	do		
4832 April	18	do	do		

[Oct.

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitt'd.	Sex.	Civil Condition.	Supposed Cause.	Duration before Admission.	By whom Committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Homicidal.
4846	May 7	24	Male	Single	Masturbation, Spiritualism,	6 years	Probate Court	3 yrs	4 mths Discharged	Improved		
4851	do 17	40	do	Married	Masturbation, Turn of Life,	5 do	do	3 yrs	4 mths Remains			
4854	June 7	19	Female	Married	Unknown, do	5 do	Overseers	3 yrs	4 mths Remains			
4855	do 9	49	do	do	do	6 months	Probate Court	3 yrs	2 mths Transferr'd			
4858	do 11	36	Female	Married	do	Unknown	do	3 yrs	3 mths Remains			
4861	do 15	35	do	Single	do	6 years	do	3 yrs	3 mths Remains			
4865	do 23	26	Male	Married	do	Unknown	do	3 yrs	3 mths Remains			
4873	July 7	30	Female	do	do	1 month	do	3 yrs	2 mths Discharged	do		
4875	do 10	16	do	Single	do	6 months	do	3 yrs	2 mths Remains			
4882	do 27	28	do	do	Ill health, Domestic trouble,	6 years	do	3 yrs	2 mths Remains			
4894	Aug. 16	30	do	Married	Unknown, do	Unknown	do	3 yrs	1 mth Transferr'd	do		
4916	Sept. 12	32	Male	Single	do	1 week	do	2 yrs	11 mths Remains	do		
4920	do 17	40	do	Unknown	do	Unknown	do	3 yrs	2 mths Remains			
4927	Oct. 12	45	Female	Widow	do	do	do	3 yrs	2 mths Remains			
4929	do 13	30	do	Married	do	do	do	2 yrs	11 mths Transferr'd			
4936	do 25	50	do	do	Opium Eating, Unknown, do	5 years	Justice of Qno.	2 yrs	11 mths Remains	do		
4944	Nov. 16	24	do	Single	do	2 months	Probate Court	2 yrs	10 mths Remains			
4946	do 29	40	do	Married	do	3 years	Probate Court	2 yrs	10 mths Remains			
4951	do 23	39	do	Single	do	Unknown	do	2 yrs	10 mths Remains			
4958	Dec. 4	50	Male	Married	Ill health, Puerperal, do	2 months	do	2 yrs	2 mths Discharged	do		
4959	do 4	59	Female	do	Masturbation, do	weeks	do	2 yrs	9 mths Remains	Recovered		
4963	do 14	24	Male	Single	do	2 years	do	2 yrs	9 mths Remains	Recovered		
1856	Jan. 2	40	Female	Married	Uncontrolled passion, Loss of mother, do	4 years	do	2 yrs	9 mths Discharged	Improved		
4987	Feb. 2	30	do	Single	Unknown, do	5 do	Overseers	2 yrs	3 mths Remains	Recovered		
4988	do 7	22	do	Married	do	1 year	Probate Court	2 yrs	7 mths Remains	Improved		
4990	do 10	Unk.	do	Single	do	7 months	Probate Court	2 yrs	7 mths Remains	Recovered		
4995	do 20	46	do	do	do	3 do	do	2 yrs	7 mths Remains	Improved		
5006	Mar. 7	65	do	do	Domestic affliction, Unknown, do	Years	Overseers	2 yrs	6 mths Remains			
5013	do 24	24	do	do	do	1 day	do	2 yrs	6 mths Transferr'd			
5017	April 1	71	Male	Married	Domestic affliction, Unknown, do	4 weeks	Probate Court	2 yrs	6 mths Remains	do		
5033	do 19	40	Female	do	Religious, do	5 months	Justice of Qno.	2 yrs	4 mths Remains			
5040	do 29	47	do	do	Seduction, do	2 weeks	Probate Court	2 yrs	5 mths Remains	do		
5042	May 2	29	do	Single	Intemperance, do	Unknown	do	2 yrs	3 mths Transferr'd	do		
5044	do 8	27	do	Married	Unknown, do	do	Police Court	2 yrs	4 mths Remains			
5053	do 17	45	do	do	Loss of wife, do	do	do	2 yrs	4 mths Remains	do		
5059	do 22	43	Male	Married	Unknown, do	do	do	2 yrs	4 mths Remains	do		
5061	do 22	Unk.	Female	do	Disappointment, do	2 weeks	Probate Court	2 yrs	4 mths Remains	do		
5071	June 3	27	do	Single	Unknown, do	Unknown	do	1 yr	10 mths Discharged	do		
5074	do 7	63	Male	Married	do	3 months C. C. Pleas						

5079	June 14	Female Married	Family trouble, Disappointment, Jealousy,	3 months Probate Court	1 yr	10 mths Discharged	Recovered	Pauper from Germany.
do	18	Single	do	3 do	1 yr	10 mths do	do	Pauper from Ireland.
5082	do 21	Male Widower	Married	Unknown	C. C. Pleas	2 yrs	3 mths Transferr'd	Improved
5088	do 21	Male	Single	1 week	Probate Court	2 yrs	2 mths	Recovered
5090	do 23	do	Fall from building,	2 years	Police Court	2 yrs	Discharged	Pauper from Ireland.
5097	July 7	do 23	do	2 do	Probate Court	2 yrs	Remains	Improved
5102	do 16	Female	Disappointment, Ill health,	6 weeks	Justice of Quo.	2 yrs	do	Homicidal.
5103	do 16	do	do	3 months	do	2 yrs	do	Periodical.
5107	do 22	Male	Epilepsy,	6 months	Probate Court	2 yrs	Transferr'd	do
5116	do 31	Female Unknown	Intemperance, Unknown,	Unknown	Police Court	2 yrs	do	do
5120	Aug. 8	Male	Unknown	30 years	Probate Court	2 yrs	do	do
5123	do 12	do	do	Unknown	Police Court	1 yr	2 mths	do
5124	do 12	Female	Single	4 years	Probate Court	2 yrs	Remains	do
5131	Sept. 1	9	do	Unknown	do	2 yrs	1 mth	do
5137	do 8	Male	Married	18 months	do	2 yrs	1 mth	do
5140	do 10	Female	Single	2 months	do	2 yrs	1 mth	do
5142	do 15	do	Married	2 months	do	2 yrs	1 mth	do
5149	do 25	Male	Single	2 years	do	2 yrs	1 mth	do
5155	do 29	Female	do	7 do	Overseers	2 yrs	do	do
5167	do 30	do	do	4 months	Probate Court	2 yrs	do	do
5158	Okt. 1	30	do	Unknown	do	2 yrs	do	do
5162	do 4	32	do	20 years	do	2 yrs	do	do
5166	do 11	Male	do	do	Unknown	2 yrs	do	do
5169	do 15	44	Female	5 years	Probate Court	1 yr	11 mths Remains	do
5172	do 17	40	do	3 months	Justice of Quo.	1 yr	11 mths Remains	do
5173	do 18	50	Male	1 year	Probate Court	1 yr	9 mths Discharged	Palsy
5175	do 21	45	do	1 do	do	1 yr	6 mths Died	do
5178	do 24	25	Female	1½ years	Unknown	1 yr	11 mths Transferr'd	do
5179	do 28	34	do	2 months	Probate Court	1 yr	6 mths Discharged	Recovered
Nov. 4	do 30	Male	Single	2 years	do	1 yr	5 mths do	Improved
5181	do 5	Female	do	1 year	do	1 yr	10 mths Transferr'd	do
5185	do 7	35	do	1 do	Justice of Quo.	1 yr	11 mths Remains	do
5189	do 11	45	Male	3 years	Probate Court	1 yr	8 mths Transferr'd	do
5192	do 12	40	Female	2 weeks	Justice of Quo.	1 yr	10 mths do	do
5195	do 17	17	Male	3 years	Probate Court	1 yr	5 mths Discharged	do
5198	Dec. 3	23	do	2 days	do	1 yr	3 mths Died	Epilepsy
5202	do 5	45	Male	3 years	do	1 yr	10 mths Remains	Recovered
5207	do 13	82	Female	2 months	do	1 yr	9 mths Discharged	Recovered
5209	do 15	35	do	2 years	do	1 yr	9 mths Remains	Recovered
5212	do 19	31	Male	5 weeks	do	1 yr	7 mths Transferr'd	do
5213	do 26	18	Female	Unknown	do	1 yr	1 mth Died	Improved
5214	do 26	41	Male	do	do	1 yr	3 mths Discharged	do
1857			Female	do	1 year	do	9 mths Remains	do
5222	Jan. 1	21	do	do	do	1 yr	2½ mths Discharged	Recovered
5225	do 9	23	do	do	do	1 yr	6 mths Transferred	Recovered
5228	do 10	36	Male	do	do	1 yr	8 mths Discharged	Recovered
5231	do 15	30	do	do	do	1 yr	2½ mths Died	do
5238	do 17	50	do	do	do	1 yr	1 month Discharged	do

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## TABULAR VIEW—Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil Condition.	Supposed Cause.	Duration before Admission.	By whom Committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Homicidal.
524	Jan. 29	Unk.	Female	Married	Unknown, do	6 months	Just. P. and Q.	1 yr	7 mths Transferred	Improved		
5244	do 29	do	Male	Unknown	Hard labor,	1 year	C. C. Pleas	1 yr	7 mths	do		
5246	Feb. 3	57	Female	Married	Unknown, do	3 months	Probate Court	1 yr	7 mths Transferred	do		
5252	do 9	15	Male	Single	do	2 years	do	1 yr	7 mths Discharged	do		
5259	do 24	34	Male	Married	do	do	do	1 yr	3 mths Remains	Stationary		
5260	do 25	60	Female	Widow	do	4	do	1 yr	7 mths Remains	Recovered		
5262	do 26	60	Female	Widow	do	20	do	1 yr	11 mths Discharged	Improved		
5263	do 26	29	do	Single	do	do	Overseers	1 yr	3 mths	do		
5268	Mar. 5	40	do	Married	do	do	do	1 yr	do	Recovered		
5269	do 5	30	do	do	do	do	do	1 yr	do	do		
5273	do 19	40	do	Single	do	do	do	1 yr	6 mths Remains	Improved		
5275	do 20	45	Male	Married	do	1 year	do	1 yr	2 mths Discharged	do		
5278	do 21	25	do	Single	Intemperance,	12 years	C. C. Pleas	1 yr	6 mths Remains	do		
5282	do 24	35	Female	Married	Epilepsy,	do	do	do	7 mths 26 dys	do		
5290	April 2	40	Male	Married	Unknown, do	3 months	Probate Court	1 yr	4 mths Remains	do		
5295	do 13	32	do	do	do	do	do	1 yr	5 mths Remains	Recovered		
5299	do 17	23	Female	Single	do	6 weeks	Probate Court	1 yr	1 mth	do		
5301	do 18	45	do	do	do	3 years	Police Court	1 yr	8 mths 15 dys	do		
5302	do 22	22	do	do	do	do	Probate Court	1 yr	5 mths Remains	Exhaustion		
5304	do 25	45	Male	Married	do	15 do	Private Bond	1 yr	5 mths	do		
5305	do 27	38	Female	Widower	Religious excitement	1 year	Probate Court	1 yr	4 mths	do		
5306	do 27	50	do	Single	Unknown, do	25 years	Probate Court	1 yr	do	Recovered		
5310	do 29	24	do	do	do	2 months	do	do	do	do		
5311	do 29	50	do	do	do	3 weeks	Police Court	1 yr	5 mths Transferred	do		
5312	May 1	45	do	Single	do	1 week	Probate Court	1 yr	4 mths Discharged	do		
5313	do 1	30	do	Married	do	3 months	Munic'l Court	1 yr	3 mths	do		
5314	do 6	20	Male	Single	do	1 week	Probate Court	1 yr	3 mths	do		
5316	do 7	25	do	do	Epilepsy,	10 years	Private Bond	1 yr	2 mths	do		
5318	do 9	49	do	Married	Ill health,	2 weeks	Probate Court	1 yr	2 mths Remains	do		
5320	do 11	26	do	Single	Masturbation,	6 years	do	1 yr	4 mths Remains	do		
5321	do 12	30	do	Married	Unknown, do	1 month	Police Court	1 yr	do	do		
5324	do 16	24	Female	Single	Love affair,	1 year	Probate Court	1 yr	do	do		
5325	do 18	30	do	do	Unknown, do	Unknown	Munic'l Court	1 yr	do	do		
5328	do 19	Unk.	do	do	do	do	do	1 yr	4 mths Remains	do		
5330	do 22	34	Male	Single	do	6 months	Probate Court	1 yr	do	do		
5331	do 23	48	do	do	do	3 years	do	1 yr	2 mths Died	Palsy		
5334	do 29	25	do	do	do	Unknown	do	1 yr	do	Recovered		
5336	June 1	32	do	Married	Turn of Life,	1 week	Overseers	7 mths 12 dys	do	do		
5337	do 1	48	Female	do	do	3 weeks	Probate Court	7 mths 5 dys	do	do		



TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil Condition.	Supposed Cause.	Duration before Admission.	By whom Committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Homicidal.
5429	Oct. 1857	7	Unk.	Female	Widow	3 years	Overseers	6 mths	Recovered	Recovered	do	do
5430	do	7	do	do	Married	8 days	Probate Court	6 mths	do	do	do	do
5431	do	8	do	do	Widow	6 months	do	1 yr	Remains	Transferr'd	do	do
5432	do	8	Male	Married	Disappointed affection,	2 do	do	10 mths	do	do	do	do
5433	do	13	do	Single	Intemperance,	3 months	Unknown	3 mths	do	do	do	do
5434	do	13	Female	do	Masturbation,	do	Probate Court	4 mths	do	do	do	do
5435	do	14	do	do	Hard study,	do	Private Bond	12 dys	do	do	do	do
5436	do	14	do	do	Spinal irritation,	do	do	9 dys	do	do	do	do
5437	do	15	do	do	Disappointed love,	4 weeks	Unknown	3 mths	do	do	do	do
5438	do	16	Male	do	Unknown,	10 months	Probate Court	22 dys	do	do	do	do
5440	do	19	Female	do	Old age,	14 years	Probate Court	18 dys	do	do	do	do
5442	do	21	do	do	Unknown,	2 months	Probate Court	17 dys	do	do	do	do
5443	do	21	Female	do	do	do	Private Bond	18 dys	do	do	do	do
5444	do	22	Male	do	III health,	2 months	Overseers	3 dys	do	do	do	do
5446	do	22	do	do	do	do	do	11 mths	do	do	do	do
5447	do	23	Unk.	Female	do	do	Probate Court	11 mths	do	do	do	do
5448	do	23	do	do	do	do	Probate Court	16 dys	do	do	do	do
5449	do	26	do	do	do	do	Probate Court	16 dys	do	do	do	do
5450	do	26	do	do	do	do	Probate Court	11 mths	do	do	do	do
5451	do	27	Unk.	do	do	do	Probate Court	7 mths	do	do	do	do
5452	do	28	do	do	Masturbation,	3 days	Probate Court	2 mths	do	do	do	do
5453	do	31	do	do	Unknown,	4 years	Probate Court	17 dys	do	do	do	do
5454	Nov. 1	38	Male	do	do	do	Probate Court	11 mths	do	do	do	do
5455	do	1	do	do	do	do	Probate Court	11 mths	do	do	do	do
5456	do	5	Male	do	do	do	Probate Court	10 mths	do	do	do	do
5457	do	5	do	do	do	do	Probate Court	15 dys	do	do	do	do
5458	do	9	Female	do	do	do	Probate Court	6 dys	do	do	do	do
5459	do	11	do	do	do	do	Probate Court	13 dys	do	do	do	do
5460	do	18	do	do	do	do	Probate Court	10 mths	do	do	do	do
5461	do	18	do	do	do	do	Probate Court	2 dys	do	do	do	do
5462	do	18	do	do	do	do	Probate Court	10 mths	do	do	do	do
5463	do	19	do	do	do	do	Probate Court	27 dys	do	do	do	do
5464	do	23	do	do	do	do	Probate Court	1 mth	do	do	do	do
5465	do	23	Unk.	do	do	do	Probate Court	10 mths	do	do	do	do
5466	do	29	Female	do	do	do	Probate Court	14 dys	do	do	do	do
5467	do	30	Male	do	do	do	Probate Court	11 dys	do	do	do	do
5468	do	30	Unk.	do	do	do	Probate Court	4 mths	do	do	do	do
5469	do	30	Female	do	do	do	Probate Court	10 mths	do	do	do	do
5470	Dee. 1	29	do	do	do	do	Probate Court	Less 1 yr	do	do	do	do
5471	do	3	Male	do	do	do	Probate Court	10 mths	do	do	do	do



## TABULAR VIEW—Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil Condition.	Supposed Cause.	Duration before Admission.	By whom Committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Hereditary.	Homicidal.	Periodical.
	1858	Feb. 12	42	Male	Married	Unknown,	Unknown	7 mths 18 dys	Remains					
5519	do 13	30	do	Female	Widow	do	Overseers Probate Court	1 mth 15 dys	Discharged	Recovered				
5520	do 15	35	do	Female	Widow	do	Overseers Probate Court	7 mths 16 dys	Remains	Stationary				
5521	do 20	26	do	Single	Male	do	Few days Probate Court	4 mths 13 dys	Discharged	Improved				
5522	do 22	24	do	Male	do	do	do	4½ mths	do	Recovered				
5523	do 23	22	do	do	do	do	do	3 years	do	do				Homicidal.
5524	do 23	23	do	do	do	do	do	6 months	do	do				
5525	do 23	28	do	do	do	do	do	1 week	do	do				
5526	do 24	25	Female	do	do	do	do	2 years	do	do				
5527	do 24	35	Male	Married	Intemperance,	do	do	do	do	do				
5528	Mar. 1	50	Female	do	Unknown,	do	do	do	do	do				
5529	do 3	35	do	do	do	do	do	do	do	do				
5530	do 4	49	do	Single*	do	do	do	do	do	do				
5531	do 6	46	Male	Married	do	do	do	do	do	do				
5532	do 8	36	Female	Willow	do	do	do	do	do	do				
5533	do 8	40	Male	Married	do	do	do	do	do	do				
5534	do 10	30	do	do	do	do	do	do	do	do				
5535	do 10	79	do	do	do	do	do	do	do	do				
5536	do 11	33	do	do	do	do	do	do	do	do				
5537	do 16	28	do	Unknown	do	do	do	do	do	do				
5538	do 17	26	Female	Single	do	do	do	do	do	do				
5539	do 17	55	Male	Married	do	do	do	do	do	do				
5540	do 20	43	Female	do	Turn of Life,	do	do	do	do	do				
5541	do 20	40	Male	do	Unknown,	do	do	do	do	do				
5542	do 20	29	Female	Single	do	do	do	do	do	do				
5543	do 23	30	Male	Married	do	do	do	do	do	do				
5544	do 24	25	do	Single	do	do	do	do	do	do				
5545	do 25	16	Female	do	Masturbation,	do	do	do	do	do				
5546	do 26	23	Male	do	Unknown,	do	do	do	do	do				
5547	April 1	45	Female	Married	do	do	do	do	do	do				
5548	do 2	25	Male	do	do	do	do	do	do	do				
5549	do 3	35	do	Single	do	do	do	do	do	do				
5550	do 3	16	Female	do	do	do	do	do	do	do				
5551	do 5	30	do	Married	do	do	do	do	do	do				
5552	do 9	18	Male	Single	Epilepsy,	do	do	do	do	do				
5553	do 9	30	Female	do	Unknown,	do	do	do	do	do				
5554	do 10	30	do	Married	do	do	do	do	do	do				
5555	do 10	45	Male	do	do	do	do	do	do	do				
5556	do 13	27	Female	Single	Disappointment,	do	do	do	do	do				
5557	do 13	30	Male	do	Unknown,	do	do	do	do	do				



TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil Condition.	Supposed Cause.	Duration before Admission.	By whom Committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Homicidal.
5606	June 10	32	Male	Married	Intemperance, Ill health,	7 months	Probate Court	1 mth 10 dys	Discharged	Recovered Pneumonia		
5607	do 11	51	Female	do	Epilepsy,	5 weeks	Private Bond	9 dys	Died			
5608	do 12	32	Male	do	Unknown,	8 months	Probate Court	3½ mths	Remains			
5609	do 12	50	Female	do	Ill health,	6 do	Private Bond	3½ mths				
5610	do 14	38	do	do	do	6 do	do	2 mths	Discharged			
5611	do 14	55	do	do	do	5 weeks	Probate Court	1 mth	Died			
5612	do 17	34	Male	do	do	2 weeks	do	6 dys	Recovered Typhomania			
5613	do 19	50	do	do	do	Few days	do	Discharged	Recovered			
5614	do 21	40	do	do	Epilepsy,	1 week	Police Court	3½ mths	do			
5615	do 21	31	Female	do	Unknown,	5 days	Private Bond	3½ mths	Remains			
5616	do 23	26	do	Single	do	6 years	Overseers	3½ mths	do			
5617	do 28	53	Male	Married	do	6 do	do	3 months	do			
5618	do 28	37	Female	do	do	1 week	Probate Court	10 dys	Discharged	Recovered		
5619	do 28	40	do	Single	do	Unkn.	Overseers	3 months	Remains			
5620	do 29	40	Male	Married	do	1 year	Police Court	3 months	do			
5621	July 1	29	Female	Single	do	10 days	Private Bond	3 months	do			
5622	do 1	24	do	do	do	1 day	do	2 mths	Discharged			
5623	do 3	40	Male	do	do	6 months	do	12 dys	do			
5624	do 7	30	do	do	Loss of property,	1 month	Prob. & Insolv.	1 mth	Transferr'd			
5625	do 7	50	do	do	Intemperance,	6 weeks	Police Court	2 mths	Transferr'd			
5626	do 8	53	do	do	Unknown,	1 week	Overseers	2 mths	Transferr'd			
5627	do 9	86	Female	Married	do	3 weeks	Prob. & Insolv.	1 mth	Transferr'd			
5628	do 9	50	do	do	do	Unknown	Munic'l Court	3 mths	Remains			
5629	do 12	63	Male	do	do	5 months	Probate Court	2 mths	Discharged			
5630	do 13	33	do	Unknown	do	3 years	Justice P. & Q.	2½ mths	Remains			
5631	do 15	51	Female	Married	do	Long time	Probate Court	1 mth	Discharged			
5632	do 17	40	Male	Single	do	6 months	Police Court	2 mths	do			
5633	do 19	63	Female	do	do	Years	Probate Court	2½ yrs	Remains			
5634	do 20	33	Male	do	do	2 days	do	1 mth	Discharged			
5635	do 21	61	do	Married	Injury of head,	16 years	Police Court	2 mths	do			
5636	do 21	50	Female	Single	Unknown,	20 do	Probate Court	2 mths	Remains			
5637	do 22	50	do	Widow	do	12 do	Overseers	2 mths	do			
5638	do 23	39	Male	Single	do	2 months	Private Bond	2 mths	do			
5639	do 27	15	do	do	Epilepsy,	2 years	do	2 mths	do			
5640	do 28	29	Female	do	Unknown,	years	Prob. & Insolv.	23 dys	Transferr'd			
5641	do 29	43	do	Married	do	3 do	do	22 dys	Discharged			
5642	do 29	39	Male	Single	do	years	Private Bond	2 mths	Remains			
5643	do 30	28	Female	Married	do	2 months	Prob. & Insolv.	6 dys	Discharged			
5644	Aug. 2	65	Male	do	do	20 years	Probate Court	6 weeks	do			
5645	do 4	25	Female	Single	do	Unknown	Police Court	13 dys	do			

		Heredity.		Stationary		Pauper from Ireland.	
5346 Aug. 5	41	Female Married	do	2 mths Private Bond	2 mths	Remains	
5647 do 6	11	Single	do	Probate Court	2 mths	do	
5648 do 6	25	Married	do	Justice P. & Q.	1 mth	12 dys	Discharged
5649 do 9	35	Single	do	Probate Court	2 mths	Remains	
5650 do 10	40	Married	do	Justice P. & Q.	1 month	18 dys	Died
5651 do 10	25	Single	do	Unknown	1 mth	10 dys	Transferr'd
5652 do 11	45	do	do	Police Court	1½ mths	Remains	
5653 do 12	24	do	do	Probate Court	1 mth	16 dys	Discharged
5654 do 13	50	Male	do	Police Court	22 dys	do	
5655 do 13	35	do	do	Overseers	1½ mths	Remains	
5656 do 14	25	do	do	Probate Court	1½ mths	do	
5657 do 14	25	do	do	Private Bond	1½ mths	do	
5658 do 17	25	Female	do	Justice P. & Q.	1½ mths	do	
5659 do 18	35	Male	do	Private Bond	1 mth	5 dys	Discharged
5660 do 19	37	Female	do	Probate Court	1½ mths	Remains	
5661 do 23	do	do	do	do	do	do	
5662 do 25	74	do	do	do	do	do	
5663 do 27	58	Male	do	do	do	do	
5664 do 28	32	Female	do	do	do	do	
5665 do 30	50	do	Unknown	do	do	do	
5666 do 30	50	do	do	do	do	do	
5667 do 30	50	do	do	do	do	do	
5668 do 30	51	do	do	do	do	do	
5669 do 30	39	do	do	do	do	do	
5670 do 30	45	do	do	do	do	do	
5671 do 30	39	do	do	do	do	do	
5672 do 30	42	Male	do	Masturbation,	do	do	
5673 do 30	38	Female	do	Beligious,	do	do	
5674 do 30	55	do	do	Unknown,	do	do	
5675 do 30	35	do	do	do	do	do	
5676 do 30	40	do	do	do	do	do	
5677 do 30	40	Male	do	do	do	do	
5678 do 30	39	Female	do	do	do	do	
5679 do 30	47	Male	do	do	do	do	
5680 do 30	23	do	do	do	do	do	
5681 do 30	40	do	do	do	do	do	
5682 do 30	26	Male	do	do	do	do	
5683 do 30	18	do	do	do	do	do	
5684 do 30	42	Female	do	do	do	do	
5685 do 30	40	Male	do	do	do	do	
5686 do 30	35	Female	Married	do	do	do	
5687 do 30	23	do	do	do	do	do	
5688 do 30	30	Male	do	do	do	do	
5689 do 30	45	Female	do	do	do	do	
5690 do 30	40	Male	do	do	do	do	
5691 do 30	45	do	do	do	do	do	
5692 do 30	40	Female	do	do	do	do	
5693 do 30	35	do	do	do	do	do	

## TABULAR VIEW—Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil Condition.	Supposed Cause.	Duration before Admission.	By whom Committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Homicidal.
							Gov. Order					
							do		do			
5694	Aug. 30	45	Male	Unknown	Unknown, do	Unknown	do	1 mth	do	do	do	
5695	do 30	40	Female	do	Disappointment in love	7 months	do	1 mth	do	do	do	
5696	do 30	23	Male	Single	Unknown, do	11 years	do	1 mth	do	do	do	
5697	do 30	45	Male	Married	do	4 years	do	1 mth	do	do	do	
5698	do 30	45	Male	Single	do	Many yrs	do	1 mth	do	do	do	
5699	do 30	35	do	do	Unknown	do	do	1 mth	do	do	do	
5700	do 30	24	do	do	do	do	do	1 mth	do	do	do	
5701	do 30	41	do	Married	do	do	do	1 mth	do	do	do	
5702	do 30	16	Female	Single	do	2 years	do	1 mth	do	do	do	
5703	do 30	35	Male	do	Unknown	do	do	1 mth	do	do	do	
5704	do 30	45	Female	do	Many yrs	do	do	1 mth	do	do	do	
5705	do 30	35	do	do	5 years	do	do	1 mth	do	do	do	
5706	do 30	36	Male	do	Unknown	do	do	1 mth	do	do	do	
5707	do 30	40	Female	Married	do	do	do	1 mth	do	do	do	
5708	Sept. 1	24	do	Single	do	1 year	Probate Court	1 mth	do	do	do	
5709	do 2	38	Male	Married	do	4 months	Prob. & Insolv.	1 mth	do	do	do	
5710	do 2	18	Female	Single	do	1 week	do	1 mth	do	do	do	
5711	do 6	26	Male	do	Religious, Fright,	2 weeks	do	1 mth	do	do	do	
5712	do 6	19	Female	do	Unknown, do	2 months	do	1 mth	do	do	do	
5713	do 7	43	Male	Married	do	5 do	do	1 mth	do	do	do	
5714	do 9	22	do	Single	do	2 do	do	1 mth	do	do	do	
5715	do 9	05	Female	do	Unknown, do	Many yrs	Private Bond	3 weeks	do	do	do	
5716	do 11	19	do	do	do	6 months	Prob. & Insolv.	3 weeks	do	do	do	
5717	do 13	27	do	do	do	3 do	Just. P. and Q.	17 dys Transferred	do	do	do	
5718	do 17	40	do	Unknown	do	do	do	13 dys	do	do	do	
5719	do 17	25	do	do	do	do	do	13 dys	do	do	do	
5720	do 17	47	do	do	do	do	do	13 dys	do	do	do	
5721	do 17	29	do	Single	do	4 years	do	13 dys	do	do	do	
5722	do 17	32	do	do	do	Unknown	do	13 dys	do	do	do	
5723	do 17	30	Male	do	do	3 years	do	14 dys	Remains	do	do	
5724	do 17	35	Female	Married	do	Unknown	do	14 dys	Transferred	do	do	
5725	do 17	34	do	do	do	2 years	do	13 dys	do	do	do	
5726	do 17	31	Male	Single	do	3½ years	do	14 dys	Remains	do	do	
5727	do 17	35	do	do	do	1 year	do	14 dys	do	do	do	
5728	do 17	43	Female	Widow	do	Unknown	do	14 dys	do	do	do	
5729	do 17	36	do	Married	do	1 year	do	13 dys	Transferred	do	do	
5730	do 17	31	do	do	do	Unknown	do	13 dys	do	do	do	
5731	do 17	20	Male	Single	do	3 years	do	14 dys	Remains	do	do	
5732	do 17	40	Female	Married	do	3 months	do	13 dys Transferred	do	do	do	



It will be seen that nearly all the foregoing tables date from the opening of the hospital. They thus embrace a period of twenty-six years, and cover nearly six thousand cases, containing all that has been known and recorded concerning the patients.

The tables are as nearly correct as can be made from the records of the hospital, and may be relied upon as affording statistics relative to the peculiar features and conditions of insanity as observed in this hospital.

While it is a popular belief, that insanity is a disease of growing frequency in this community, it seems to be proper to afford all the information possible as to the mode and success of its treatment, the character and condition of the hospital, and its fitness for the care and recovery of those who may be placed within its wards.

No hospital for the insane within our acquaintance, possesses such complete accommodations for the classification of the several grades of patients and the various phases and conditions of disease. There are comfortable, cheerful, home-like wards for twelve classes of each sex, each ward having by itself all its appointments and arrangements complete, as to dining rooms, water closets, bath rooms and lavatories, wardrobes, attendants' rooms and suicidal rooms. There are convenient sick rooms, patients' visiting rooms and recreation rooms, in close proximity to each ward.

During the last year a complete separation has been maintained between the foreign and native patients, much to their mutual satisfaction and benefit. The foreign patients have the same comforts and accommodations, the same grade of attendants, and receive the same care and attention that native patients do. But looking at the welfare of the patients, there seemed to be good and sufficient reasons for a separation. When in health they separate themselves. They do not occupy the same house or live in the same neighborhood, except in widely different capacities. They have but few feelings in common with each other. Opposite in religion and all the notions of social life, it would not be well to class the two races in the same wards, where each must bear from the other what was considered troublesome and offensive while in health.

But while an effort has constantly been made to keep up a style of life in the hospital which should not so widely differ from that to which our patients have been accustomed in their homes as to disturb their natural feelings or offend their tastes, the result has been

greatly to elevate the condition of the foreign patients while in the hospital. So that the separation has not been brought about by any considerations of economy, such as plainer and cheaper accommodations, or a smaller allowance for the daily sustenance and care of the poor insane immigrant.

The subject of labor becomes of more importance each year. Its pecuniary value cannot be estimated. But aside from its cheering and healthy influences it procures for the patients many small comforts which could hardly be afforded otherwise.

We must again add our testimony to the value of agricultural and horticultural employment in the cure and recovery of the insane. It has of late been well established that a farm and gardens are very important parts in a system of the treatment of the insane, and we hope their utility may never be questioned. They are valuable by affording employment, and thus contributing to the comfort, happiness and recovery of a large class of patients, as well as for the pleasure and luxury resulting from an abundant supply of fruits and vegetables obtained from them.

In making up the table of the products of the farm and gardens, we regard a few bushels of roots or a few barrels of fruit, more or less, as of little value in themselves. But in another view of the case, these little matters are of great importance. The pleasure of watching their growth and assisting in their cultivation has helped restore the insane to health. It has banished harrassing doubts and perplexities, dissipated distressing delusions, brought quiet and repose to excited minds, and sleep to wakeful eyes.

The farm and gardens belonging to the hospital were never more productive, and their results in all respects never more satisfactory than at present. The garden devoted to the raising of kitchen vegetables, has been, as usual, almost entirely managed by patients. We hope, in addition to this, to have a green-house for the cultivation of grapes.

Making up the table the present year before the harvest, will materially lessen the amount of the products of the farm, leaving, as it does, some of the crops on the ground.

Apples, . . . . .	50 bushels, at \$0 50—	\$25 00
Cherries, . . . . .	10 " at 2 00	20 00
Plums, . . . . .	1 " at 2 00	2 00

Grapes, . . . .	5 bushels	at 2 00	10 00
Corn, sweet, . . . .	150 "	at 50	75 00
Beans, . . . .	30 "	at 2 00	60 00
Peas, . . . .	60 "	at 1 00	60 00
Beets, . . . .	75 "	at 50	37 50
Cucumbers, . . . .	125 "	at 50	62 50
Tomatoes, . . . .	150 "	at 75	112 50
Squashes, . . . .	3,000 pounds,	at 01	30 00
Cabbages, . . . .	1,000 heads,	at 05	50 00
Milk, . . . .	25,000 quarts,	at 05	1,250 00
Hay, . . . .	75 tons,	at 12 00	800 00
Rowen, . . . .	15 tons,	at 10 00	150 00
Corn Fodder, . . . .	25 tons,	at 2 00	50 00
Potatoes, . . . .	100 bushels,	at 50	50 00
			\$2,844 50

The carrots, beets, and potatoes for winter use are not included. Beef and pork fattened on the place during the year is not yet slaughtered.

There are kept on the farm for the use of the hospital three horses, four oxen, one bull, and sixteen cows. There are growing up six yearling heifers, three yearling bulls, and four calves, and fifty swine.

In the course of the year there have been built about two hundred and fifty rods of heavy stone wall, and about the same number of rods of large, capacious stone under-drains have been laid. Rocks have been blasted and removed from the fields, water pipes have been repaired, land reclaimed, and ditches made. A portion of all this labor has been performed by patients.

The labor of the female patients is no less important. They assist in the kitchen and wash room, and perform nearly all the ironing for the whole establishment. They work in the sewing room, and do much of the mending for the inmates. They make all the bedding, towels, napkins, table spreads, and window curtains. They also make the chemises, dresses, shirts, and some of the trowsers and vests worn by the patients.

Some of them assist the attendants in the care of the dining rooms, and many of them prefer to take care of their own rooms and furniture.

The following table will show the number of articles made by the female patients, from November 30, 1857, to September 30, 1858.

Bed Ticks, . . . .	26	Sheets, . . . .	383
Chemises, . . . .	300	Shirts, . . . .	278
Coats, . . . .	8	Skirts, . . . .	60
Dresses, . . . .	175	Skirts, embroidered,	18
Frocks, . . . .	19	Suspenders, pairs of,	160
Hose, pairs of,	32	Spreads, . . . .	45
Matress Ticks, . . . .	117	Table Covers, . . . .	20
Napkins, . . . .	75	Towels, . . . .	235
Pillows, . . . .	105	Trowsers, pairs of,	84
Pillow Cases, . . . .	400	Window Curtains, . . . .	150
Overalls, pairs of, . . . .	14	Vests, . . . .	23

Our matresses have all been made over, and some fifty new ones manufactured by male patients.

Nothing contributes more to the happiness of the household than the round of amusement afforded them. Riding, walking, reading, games of all kinds, cultivation of flowers, care of pets, birds, &c., the Matron's parties, dancing, singing, magic lantern scenes, maps and pictures, break up the monotony which must otherwise be dull and irksome.

The carriage is mostly devoted to females and feeble old men.

The males who do not labor much on the farm take frequent and long walks with an attendant. They also engage in games of base ball, cricket and quoits, and spend much of the time in the open air.

In addition to riding, the females walk in pleasant weather about the grounds in parties, or sit with their needle work or books in the grove within the inclosure and amuse themselves by watching the business of the street. In the house they play all the various games of cards, draughts, dominoes, graces, battledoor, &c.

The males also, while in the house, engage in all the games that ingenuity can devise to occupy time.

It is to be hoped and expected that we may hereafter be able to have for the benefit of the patients, a reading-room and museum for each sex.

It is designed to fit up an apartment in a cheerful and attractive manner, in which the convalescent and the cultivated patients, who

desire some place of resort, may quietly read and study, or amuse themselves with such objects of interest as we may be able to collect. If we are successful in making the arrangement, a want will be supplied which has long been felt by patients of refined feelings and cultivated minds; especially while convalescing, and still so feeble as to be constantly annoyed by the many unpleasant associations of a hospital ward. We hope it will be in our power to place in these rooms, beside books, papers and periodicals, specimens of natural history, birds, minerals, shells, &c., pictures, charts, maps, globes, portraits, busts, &c. A multiplication of such objects cannot fail to render a residence in the hospital less irksome than it would otherwise be.

Although there must be restraint and privation connected with a residence in a hospital for the insane, we desire to surround the patients with so much that is cheerful and attractive, and such a variety of the means of occupation and amusement, as to dispel many unpleasant associations and hasten a restoration to health and usefulness.

In view of these things, we have also in contemplation the furnishing of a billiard room for males, and a sort of calisthenium for females.

The process of warming and ventilating the hospital is quite perfect, and has been found to be satisfactory, by all who have examined it. Every apartment in the house is not only warmed, but thoroughly ventilated. The temperature is equal; the warmth well diffused, and the air so constantly renewed by the operation of the fan, as to be always fresh and pure in every part of the house. The fan is in constant operation during summer and winter, affording the patients as much comfort in the warm weather by its supply of cool, fresh air, as in the winter by its constant breeze of warm air.

The following table will show the exact amount of coal consumed from November 30, 1857, to September 30, 1858.

		Amount for each month. lbs.	Daily Average. lbs.
December, 1857,	· . . . .	152,000	4,903
January, 1858,	· . . . .	144,000	4,645
February, “	· . . . .	167,000	5,964
March, “	· . . . .	126,000	4,064
April, “	· . . . .	71,000	2,585
May, “	· . . . .	47,400	1,529
June, “	· . . . .	38,100	1,270
July, “	· . . . .	32,400	1,045
August, “	· . . . .	35,500	1,146
September, “	· . . . .	38,100	1,270
Total,	· . . . .	852,200 or, 426 $\frac{1}{10}$ tons.	

Little can be said in an annual report of a hospital for the insane respecting the treatment of insanity. But it may be necessary in passing to remark that all our patients are under treatment.

None are left without some effort being made to restore to them that degree of mental health which will enable them to return to their families and assume their ordinary business.

All occupation suited to their physical condition, all amusement congenial to their tastes, all seclusion and restraint necessary for the safety of the patient, belong to the domains of medicine and might very properly be classed under the heads, hygienic and moral. Nothing can be of greater importance to the insane than a system of judicious moral treatment.

In fact the whole discipline of an asylum may be termed its system of moral treatment, inasmuch as its tendency is to bring about

a new class of mental impressions and direct the operations of the mind into healthy channels. The means in use in hospitals for the insane often seem to be slight and feeble, and to the inexperienced utterly inadequate to meet and overcome the passion, violence, and fury which has so often been observed in attacks of insanity.

But it must be borne in mind that the patients are under constant care and surveillance, and that wide departure from good order and correct discipline cannot be unobserved.

Kind, firm, persevering watchfulness takes the place of seclusion and mechanical restraint, and vastly diminishes the necessity of severe and repressive measures.

Thus it happens that patients who, while with their friends, surrounded with all the comforts of home, were furious, abusive, and uncontrollable, become harmless and obedient when they find themselves belonging to a community controlled and directed in all its movements, watched and restrained in all its manifestations of violence, and cheered and sustained by kindness and sympathy amid all its gloom and melancholy.

But every physician will understand how utterly useless is purely moral treatment in the case of those whose insanity depends upon a change in the pathological condition of the brain or any other organ. Here recourse must be had to medicines. And in order to fulfill the indications of treatment and meet the symptoms of disease as observed here, cathartics, emetics, and emetico-cathartics, warm baths, and warm baths with the application of cold to the head, are employed to a considerable extent. In many cases however stimulants and tonics are freely administered and are generally admissible in the later stages of mania when the system is much enfeebled by the process of disease and other sources of exhaustion to which neglected cases are sometimes exposed.

Still we must often be content with removing all causes of excitement and enforcing only hygienic rules. The dismissal of intimate friends, the removal of familiar objects of occupation and amusement, the absence of noise and confusion, the suppression as far as possible of mental activity, the establishment of regular habits as to sleep, diet, and exercise, are all that can or need be done for the restoration of the patient to sound mental health. These are the influences which attend a residence in a hospital for the insane, and

which often restore health to the patient without the administration of medicine.

Looking over the events of the year now closed, we cannot too strongly express our gratitude to our Heavenly Father that we are able to record so much success and prosperity.

The number of patients who have been restored to usefulness and happiness has been large. There has not been an unusual amount of sickness and mortality. The condition of those who remain under our care is comfortable, and a large majority of them are contented and happy.

We desire in behalf of the patients to express our gratitude to Hon. George B. Upton, for a donation of fifty dollars for the purchase of engravings for one of the male wards; to Samuel Jennison, Esq., for the purchase of statuary for one of the female wards; to Messrs. Earle and Drew, publishers of the Massachusetts Spy; to William R. Hooper, Esq., publisher of the Worcester Transcript; Hon. J. S. C. Knowlton, publisher of the Worcester Palladium; and T. W. Caldwell, Esq., publisher of the Bay State, for large and weekly packages of their best exchanges, as well as for their weekly and daily issues. Also to S. Thompson, Esq., for liberal supplies of illustrated papers; to Nathan Hale, Esq., for the Boston Daily Advertiser since the opening of the hospital in 1833; to the publishers of the Salem Register, the Salem Gazette, the Andover Advertiser, the Bunker Hill Aurora, the Cambridge Chronicle, the New England Farmer, the Statesman, the Youth's Companion, Zion's Herald, Gospel Messenger, and to unknown friends for other weekly papers received by mail.

We are also indebted to Hon. Charles Sumner for Public Documents, to Hon. Charles Mason for Patent Office Reports, and to Professor Henry for publications from the Smithsonian Institute, to Mr. Chamberlain of Boston for an interesting microscopical exhibition, and to Edwin Bynner, Esq., for a valuable watch dog.

I must express my sense of obligation to the other resident officers of the hospital for the persevering manner in which they have performed all their duties, and their untiring devotion to the interests of the institution.

To my assistant, Dr. F. H. Rice, I am under special obligations for the fidelity and efficiency with which he carries out all my plans and labors to promote the welfare of all the inmates of the hospital.

While we acknowledge with devout gratitude the many blessings vouchsafed to this institution during its whole history, let us hope that the same Good Providence will still watch over and protect it, and assist all who may be connected with it to elevate its character and increase its usefulness.

MERRICK BEMIS.

STATE LUNATIC HOSPITAL, WORCESTER,  
October 1, 1858.

## METEOROLOGICAL OBSERVATIONS

MADE AT

THE STATE LUNATIC HOSPITAL, WORCESTER, MASS.,

1857-8.

## METEOROLOGICAL OBSERVATIONS—DECEMBER, 1857.

THERMOMETER.	BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.
	At 32°.			10 covered.									
	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Began.	Ended.	Amt'nt.	S. W.
①	1 45	52	39	45	29.582	29.453	29.562	10	3	S.	N.	—	Rain.
	2 31	44	38	37	29.579	29.783	29.459	0	5	N.	N.	—	—
	3 35	42	36	37	29.348	29.343	29.432	5	8	N.	S. W.	3 p.m.	—
	4 30	—	30	29.480	—	—	10	—	—	E.	E.	10 a.m.	—
	5 27	29	27	27	29.568	29.552	29.619	10	10	S. W.	E.	4 p.m.	—
	6 22	29	32	27	29.700	29.613	29.393	10	10	N. E.	E.	—	—
	7 38	50	41	43	29.252	29.430	29.599	8	3	S. W.	N.	a.m.	.85
②	8 39	54	44	45	29.502	29.421	29.573	4	4	W.	S. W.	—	—
	9 40	40	39	39	29.640	29.437	29.317	8	10	E.	E.	6 a.m.	—
	10 46	44	35	42	29.059	29.104	29.286	10	8	E.	N.	6 a.m.	1.43
	11 34	32	20	28	29.399	29.428	29.648	1	8	0	N. W.	N. W.	—
	12 20	33	26	26	29.888	29.018	29.325	0	0	N. W.	N. W.	—	—
	13 26	42	—	34	29.864	29.782	—	3	5	W.	N. W.	—	—
	14 30	50	43	41	29.512	29.474	29.462	4	0	W.	W.	—	—
	15 32	38	29	33	29.718	29.691	29.683	5	5	N. W.	E.	N. E.	—
	16 32	41	—	36	29.800	29.710	—	10	5	E.	S. W.	a.m.	—
	17 34	41	42	39	29.722	29.582	28.792	10	10	S.	S. W.	S. E.	—
	18 40	53	39	44	29.342	29.005	29.638	10	10	E.	S. E.	a.m.	.55
	19 37	42	30	36	29.340	29.475	29.614	3	3	N. W.	N.	—	—
	20 26	32	25	27	29.297	29.759	29.830	3	0	N. W.	N. W.	—	—
	21 20	40	34	31	29.896	29.782	29.650	0	8	S. E.	N.	a.m.	—
	22 36	43	39	39	29.161	29.729	29.682	10	10	W.	S. W.	—	—
	23 34	37	35	35	29.016	29.010	28.968	8	8	W.	W.	—	—
	24 38	—	28	33	29.027	—	29.389	8	—	N. W.	W.	—	—
	25 17	20	18	18	29.495	29.426	29.414	0	10	E.	N. W.	—	—
	26 19	17	15	17	29.396	29.284	29.323	10	0	E.	E.	7½ a.m.	—
	27 11	19	5	11	29.587	29.665	29.747	3	3	N. E.	N. W.	—	—
	28 26	36	33	31	29.517	29.380	29.483	10	8	N. E.	S. W.	7½ a.m.	—
	29 23	32	28	21	29.397	29.481	29.429	10	10	S. W.	S. E.	12 a.m.	—
	30 27	31	35	31	29.497	29.394	29.370	10	10	E.	E.	p.m.	—
	31 33	41	38	37	29.743	29.659	29.691	10	8	E.	S. W.	a.m.	1.38
Means,	30	36	28	31	29.503	29.488	29.515	6.5	6.4	5.4	Amount of rain and snow water.	5.33	.78

## METEOROLOGICAL OBSERVATIONS—JANUARY, 1858.

PUBLIC DOCUMENT—No. 27.

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	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.
	7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Began.	Ended.	Amt'n.	S. W.		
D	1 31	44	36	37	29.384	29.237	29.520	3	5	0	W.	S.	W.	W.	—	
8	2 28	36	35	33	29.679	29.484	29.457	0	3	10	N. W.	S.	W.	W.	—	
9	3 33	35	37	35	29.361	29.253	29.093	5	3	3	N. W.	S.	W.	W.	—	
R	10 30	35	19	37	29.181	28.981	29.008	3	3	0	S. W.	S.	W.	W.	—	
11 28	43	52	41	41	29.426	30.080	30.032	0	3	0	N. W.	N.	W.	W.	—	
12 41	44	43	42	42	29.286	29.395	29.238	0	3	3	N. W.	N.	W.	W.	—	
13 40	46	38	41	41	29.322	29.410	29.472	2	2	5	S. W.	S.	W.	W.	—	
14 34	39	33	35	35	29.696	29.659	29.799	8	6	8	N. E.	N.	W.	W.	—	
15 26	40	35	33	33	29.812	29.804	29.707	3	10	10	N. E.	S.	E.	S.	—	
16 37	42	43	40	40	29.193	29.070	29.072	10	5	E.	N. E.	W.	W.	a.m.	1.25	
17 35	38	26	33	33	29.123	29.221	29.441	5	5	0	W.	W.	W.	W.	—	
18 22	27	24	24	24	29.321	29.389	29.449	10	5	0	N. E.	N.	W.	W.	—	
19 21	23	25	29	29	29.551	29.505	29.559	3	8	0	N. N.	W.	W.	W.	—	
20 20	—	35	27	29	29.619	29.512	—	3	—	0	N.	—	N.	W.	—	
21	—	43	—	43	—	29.438	—	—	3	—	S. W.	—	N. E.	N. E.	—	
C	22 27	22	15	21	29.823	30.087	30.121	5	3	0	N. E.	N.	E.	W.	—	
23 10	—	23	16	20	30.152	—	30.104	3	—	0	S. E.	S.	W.	W.	—	
24 31	41	41	37	37	30.024	29.953	29.916	5	10	8	S. S.	E.	S.	W.	—	
25 41	54	48	47	47	29.854	29.764	29.742	8	6	—	S. W.	W.	S.	W.	—	
26 46	52	—	49	49	29.601	29.385	—	5	10	—	S. E.	S.	E.	S.	—	
27 38	49	—	43	43	29.231	29.256	—	5	5	—	N. E.	E.	N.	E.	—	
28 34	32	30	32	32	29.193	29.163	29.178	10	10	10	E.	N.	E.	N.	.25	
29 20	26	25	23	23	29.136	29.016	29.061	10	10	10	E.	N.	E.	N.	—	
30 25	31	26	27	28	28.986	29.081	29.171	8	8	0	N. E.	N.	W.	W.	—	
31 16	23	18	18	29.355	29.402	29.554	3	8	0	W.	N.	W.	W.	—		
Means,	28	36	30	31	29.496	29.472	29.517	5.	6.	3.5	Amount of rain.			2.13	.93 S. W. Snow, 8.5 inches.	

## METEOROLOGICAL OBSERVATIONS—FEBRUARY, 1858.

Days of Month.	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.
	7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Began.	Ended.	Am't.	S. W.		
1	11	26	23	20	29.657	29.763	29.655	0	3	10	S. W. N. W.	E.	9 p. m.	-	-	
2	33	37	37	36	29.141	29.829	28.919	10	10	10	N. W. E.	E.	-	a. m.	1.10	
3	37	41	35	37	29.259	29.324	29.491	8	6	5	N. W. N. W.	W.	-	-	-	
4	31	36	30	32	29.484	29.456	29.487	10	5	8	N. W. N. W.	W.	-	-	-	
5	23	25	23	23	29.239	29.313	29.358	8	3	0	N. W. N. W.	W.	-	-	-	
6	23	-	22	22	29.452	-	29.452	8	-	0	N. W. N. W.	W.	-	-	-	
7	24	38	34	32	29.480	29.342	29.321	10	5	0	S. W. W. W.	W.	-	-	-	
8	30	32	-	20	29.470	29.499	-	8	3	-	N. W. W. W.	W.	-	-	-	
9	17	22	24	21	29.538	29.336	29.063	3	10	10	W. S. E.	S. E.	10 a. m.	a. m.	-	
10	40	40	20	33	29.679	29.721	29.307	10	8	0	S. E. N. W.	W.	-	-	-	
11	9	16	7	10	29.240	29.339	29.483	0	3	0	N. W. W. W.	W.	-	-	-	
12	5	21	12	12	29.557	29.002	29.533	8	3	0	N. W. N. W.	W.	-	-	-	
13	8	-	14	19	29.708	-	29.608	3	-	10	N. W. E.	E.	-	-	-	
14	11	16	16	14	29.588	29.425	29.424	10	10	10	S. E. N. E.	N. E.	11 a. m.	a. m.	-	
15	13	19	15	15	29.440	29.371	29.461	3	8	0	N. W. N. W.	W.	-	-	-	
16	14	27	10	17	29.421	29.270	29.298	3	8	0	N. W. W. W.	W.	-	-	-	
17	5	-	17	7	29.322	-	29.343	3	3	W.	W.	-	-	-	-	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	8 p. m.	-	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	21	33	31	28	29.199	29.229	29.114	4	3	3	W. W. W.	W.	-	a. m.	-	
22	19	24	18	20	29.227	29.420	29.491	0	5	8	W. W. N. W.	W.	-	-	-	
23	6	18	11	11	29.517	29.302	29.056	0	3	0	N. W. N. W.	W.	-	-	-	
24	6	29	21	38	29.777	29.676	29.293	0	3	0	N. W. S. W. S. W.	W.	-	-	-	
25	26	41	30	32	29.353	29.211	29.413	3	8	0	W. S. E. W.	W.	-	-	-	
26	28	86	26	30	29.360	29.379	29.403	9	7	0	N. W. N. W.	W.	-	-	-	
②	27	18	-	18	29.421	-	-	3	-	-	-	-	-	-	-	
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Means,	18	29	21	22	29.442	29.410	29.362	5.1	5.5	3.5	Amount of rain.			1.10	Snow, 4.5 inches.	

## METEOROLOGICAL OBSERVATIONS—MARCH, 1858.

THERMOMETER. At 32°.	BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.	
	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Began.	Ended.	Am't.	S. W.	
1 40 40	36	38	29.049	29.112	29.121	10	10	10	S. W.	N. W.	9 a.m.	—	—	Rain and snow.
2 28 31	21	26	29.868	28.826	29.162	10	5	10	S. N.	S. E.	S. W.	—	—	
3 9 20	9	12	29.371	29.444	29.580	3	3	0	S. W.	W. N.	W. W.	—	—	
4 3 32	11	12	29.456	29.490	29.510	8	3	0	N. W. N.	W. N.	W. W.	—	—	
5 3 12	8	7	29.329	29.270	29.257	6	8	0	N. W. N.	W. N.	W. E.	4 p.m.	p.m.	Slight
6 7 18	—	12	29.314	29.170	—	3	3	—	N. W. N.	W. W.	—	—	—	Snow.
7 11 25	19	18	29.020	29.571	29.094	2	3	0	N. N.	N. N.	W. W.	—	—	
8 12 29	18	19	29.123	29.223	29.309	3	10	10	W. S.	S. E.	S. W.	—	—	
9 15 —	20	17	29.625	—	29.855	10	—	10	S. E.	—	S. W.	—	—	
10 19 34	27	26	28.960	28.986	29.178	8	5	0	W. N.	W. W.	W. W.	5 p.m.	6 a.m.	.75
11 18 47	—	32	29.149	29.058	—	8	3	—	W. W.	W. W.	W. W.	—	—	
12 24 35	29	28	29.416	29.514	29.548	0	3	8	W. W.	W. W.	W. W.	—	—	
13 28 32	25	28	29.672	29.820	30.224	3	3	0	W. N.	W. N.	W. W.	—	—	
14 27 39	37	34	29.735	29.504	29.483	10	10	10	S. W.	S. S.	S. W.	10 a.m.	—	
15 35 49	39	41	29.649	29.653	29.649	3	10	10	N. N.	N. N.	E. E.	5 p.m.	—	
16 36 40	38	38	29.647	29.648	29.656	10	10	10	S. W.	S. W.	S. W.	—	—	
17 40 64	49	51	29.435	29.144	29.163	10	8	10	S. W.	W. W.	W. W.	—	—	
18 51 56	—	53	28.950	29.615	—	0	8	—	S. W.	W. W.	W. W.	—	—	
19 41 44	—	42	29.372	29.574	—	7	8	—	N. W. N.	W. W.	W. W.	—	—	
20 28 48	36	37	29.695	29.621	29.545	3	3	0	W. W.	W. W.	W. W.	—	—	
21 38 47	38	41	29.214	29.821	29.855	10	10	3	S. W.	S. W.	W. W.	6 a.m.	7 p.m.	1.54
22 37 44	34	38	29.254	29.121	29.322	3	5	3	N. W.	W. W.	W. W.	a.m.	p.m.	Slight
23 27 40	32	33	28.871	29.372	29.470	4	8	0	W. W.	W. W.	W. W.	—	—	
24 28 43	33	34	29.465	29.373	29.391	0	5	3	N. N.	N. N.	W. W.	—	—	
25 28 50	43	40	29.327	29.116	29.058	0	5	3	N. N.	N. N.	W. W.	5 p.m.	p.m.	Slight
26 31 43	34	36	29.128	29.088	29.193	2	3	3	N. N.	N. N.	W. W.	—	—	
27 29 45	36	36	29.179	29.158	29.186	3	3	3	W. W.	W. W.	W. W.	—	—	
28 34 52	—	43	29.125	29.089	—	10	2	0	N. N.	N. N.	W. W.	—	—	
29 45 55	43	47	29.260	29.229	29.322	2	2	5	N. N.	N. N.	W. W.	—	—	
30 37 54	—	45	29.463	29.475	—	7	8	—	E. N. E.	N. E.	W. W.	—	—	
31 39 55	42	45	29.555	29.550	29.592	0	4	0	N. E.	S. W.	W. W.	—	—	
Means, 27 41 30	32	29.344	29.354	29.432	5.	5.5	4.2	Amount of rain,					2.29	

## METEOROLOGICAL OBSERVATIONS—APRIL, 1858.

Moons Days, Phase, s.	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.	
	7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Began.	Ended.	Am'tnt. S. W.	
1	39	55	39	44	29.663	29.645	29.695	2	3	3	N.	S. W.	S. E.	—	—	—	Crocus, Red Map. in
2	34	58	—	46	29.659	29.569	—	10	8	—	E.	S.	N. W.	—	—	—	Frost.
3	41	67	57	55	29.388	29.137	29.332	3	3	0	S.	N. E.	—	—	—	—	Foggy.
4	41	44	—	42	29.505	29.480	—	2	0	—	N. E. N. E.	—	—	—	—	—	Daphne Mezereon.
5	40	63	51	51	29.460	29.332	29.292	8	8	8	N. E. S. W.	N. E.	—	—	—	—	Lightning.
6	45	45	38	42	29.261	29.262	29.249	10	8	10	N. E. N. E.	S. E.	—	—	—	—	Dandelion.
7	29	42	35	35	29.430	29.330	29.500	0	0	0	W. W.	W. W.	W. W.	—	—	—	Cowslips.
8	32	55	47	44	29.616	29.585	29.519	0	5	10	N. W. S. W. S. W.	p. m.	—	—	—	—	Rain.
9	41	56	55	50	29.407	29.156	29.061	10	10	3	S. S. S. W.	a. m.	—	—	—	—	Rain. Aurora borealis.
10	53	55	39	49	29.159	29.252	29.404	5	6	4	W. W.	W. W.	—	—	—	—	Aurora borealis.
11	35	53	47	45	29.488	29.567	29.379	4	5	8	W. N. W. S. W. S. W.	8 p. m.	—	—	—	—	Rain.
12	39	51	42	44	29.572	29.378	29.368	10	10	8	S. W. E. S. W.	—	—	—	—	—	Rain and Snow.
13	35	39	37	37	29.250	29.133	29.104	10	10	10	E. E. E.	—	—	—	—	—	Rain and Snow.
14	38	56	—	31	29.967	28.931	—	10	8	—	S. W. W. W. W.	—	—	—	8 a. m.	1.32	Rain and Snow.
15	—	51	—	51	—	—	29.088	—	3	—	W. W. W.	—	—	—	—	—	—
16	53	61	—	38	29.190	29.188	—	0	5	—	W. W. W.	—	—	—	—	—	—
17	46	59	47	50	29.359	29.293	29.372	0	3	0	W. W. W.	N. W. W.	—	—	—	—	—
18	38	59	48	48	29.503	29.554	29.646	0	3	5	W. W. W.	N. W. W.	—	—	—	—	—
19	41	59	48	49	29.642	29.689	29.671	5	10	W. W. E. S. W.	—	—	—	—	—	—	—
20	43	42	37	40	29.645	29.547	29.833	8	10	10	E. E. E. E.	—	—	—	—	—	Rain and Snow.
21	34	41	44	43	29.034	28.718	29.020	10	10	3	E. E. E. E.	—	—	—	—	—	Saxifrage in blossom.
22	45	62	47	51	29.373	29.476	29.434	0	0	0	W. S. W. S. W. S. W.	—	—	—	—	—	Frost.
23	50	61	48	56	29.332	29.168	29.245	10	10	10	S. W. S. W. S. W. S. W.	7 a. m.	2 p. m.	—	—	—	Thunder shower.
24	41	50	40	43	29.265	29.280	29.324	2	5	5	W. W. W. S. W. S. W.	a. m.	—	—	—	—	Rain.
25	38	47	36	40	29.564	29.543	29.591	2	8	10	W. S. W. S. W. S. W.	p. m.	—	—	—	—	Snow.
26	38	50	39	42	29.570	29.459	29.531	0	5	0	W. N. E. N. E. N. E.	10 a. m.	—	—	—	—	Bloodroot.
27	35	33	33	33	29.495	29.505	29.005	10	10	E. N. E. N. E. N. E.	—	—	—	—	—	Daffodil.	
28	39	52	42	44	29.091	29.127	29.169	8	6	0	S. W. W. W. W.	a. m.	—	—	—	.77	Snow, 5 inches.
29	44	61	51	55	29.295	29.171	29.230	0	3	0	W. W. W. W.	—	—	—	—	—	Wind flower.
30	48	65	59	59	29.119	28.948	28.713	10	8	0	S. W. S. W. W.	a. m.	10½ a. m.	.40	.40	—	—
Means,	40	53	44	45	29.424	29.329	29.337	5.2	6.2	5.2	—	—	—	—	—	3.37	Amount of rain,

## METEOROLOGICAL OBSERVATIONS—MAY, 1858.

Days from noon, Mean.	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.	
	7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Began.	Ended.	Am't.	S. W.			
1	54	—	55	54	29.288	—	29.561	5	—	5	W.	—	—	—	—	Strawberry and cherry Light rain. [in bloom.	
2	48	60	47	51	29.683	29.642	29.765	10	5	3	N.	N. W.	6½	a. m.	—	—	
3	42	56	45	47	29.867	29.815	29.799	0	5	3	W.	W.	—	—	—	—	
4	47	65	53	55	29.762	29.660	29.555	0	5	0	S.	S.	—	—	—	Violets in bloom.	
5	55	64	51	56	29.537	29.410	29.455	8	8	0	S.	S.	—	—	—	—	
6	52	60	54	55	29.269	29.141	29.172	10	10	10	S.	S.	a. m.	1 p. m.	1.06	—	
7	55	61	54	50	29.244	29.330	29.450	10	10	5	E.	E.	a. m.	1 p. m.	—	Missouri currant.	
8	54	57	49	53	29.553	29.499	29.472	6	5	10	N.	W.	7 a. m.	a. m.	—	—	
9	49	67	54	56	29.503	29.365	29.352	10	10	8	E.	S.	9 p. m.	p. m.	—	Oriole seen.	
10	55	67	57	59	29.362	29.479	29.460	8	8	8	W.	S.	—	—	—	—	
11	48	—	—	—	29.529	—	—	10	—	—	N.	—	—	a. m.	—	—	
12	—	62	51	56	—	29.039	29.204	—	8	5	—	S.	W.	—	—	—	Buttercup bloom.
13	53	64	55	57	29.291	29.359	29.478	3	—	0	W.	N. W.	—	—	—	—	
14	51	67	55	57	29.558	29.477	29.463	3	3	2	W.	W.	—	—	—	—	
15	55	68	69	64	29.361	29.296	29.331	10	5	10	S.	W.	—	—	—	Shower. Apple bloss'm.	
16	52	60	48	53	29.437	29.462	29.555	5	—	2	N.	W.	—	—	1.06	Lilac bl. Rain with hail.	
17	46	45	41	44	29.742	29.543	29.461	5	10	10	W.	E.	—	—	—	Flowering Alm'd. Mis- [try.	
18	41	45	43	43	29.454	29.428	29.485	10	10	10	E.	S.	—	a. m.	.50	—	
19	44	52	47	47	29.553	29.519	—	10	10	8	N. E.	S.	—	—	—	—	
20	44	52	46	47	29.438	29.324	29.282	10	10	10	E.	S.	6 p. m.	—	—	Interrupted rain.	
21	46	50	46	47	29.245	29.269	29.332	10	10	10	S. E.	S.	—	—	7 a. m.	.38	
22	44	56	—	50	29.458	29.522	—	10	8	—	E.	E.	a. m.	a. m.	.31	—	
23	—	—	—	—	—	—	—	—	—	—	S.	W.	—	—	—	Light shower.	
24	57	—	68	62	29.055	—	29.170	10	—	8	W.	S.	—	a. m.	—	Honeysuckle blossom.	
25	59	64	51	58	29.322	29.346	29.456	3	8	8	W.	S.	1½ p. m.	—	.83	—	
26	47	—	55	51	29.479	—	29.447	8	—	10	S.	E.	—	—	7 p. m.	—	
27	45	52	47	48	29.427	29.444	29.455	10	9	8	N.	E.	—	—	—	—	
28	45	59	44	49	29.468	29.562	29.555	2	3	0	N. E.	N. E.	—	—	—	Horse chestnut bloss'm.	
29	45	58	63	55	29.604	29.551	29.492	0	0	1	E.	S.	—	—	—	Light frost.	
30	45	62	52	53	29.473	29.351	29.689	1	0	1	N. E.	S.	—	—	—	Light frost.	
31	55	73	55	61	29.366	29.390	29.494	0	0	1	N. W.	S.	—	—	—	—	
Means,	42	59	50	50	29.459	29.431	29.422	6.4	6.6	5.5	Amount of rain,			4.13			

## METEOROLOGICAL OBSERVATIONS—JUNE, 1858.

Month Days Moons, s.	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.	
	At 33°.			10=covered.			7 A.M. 2 P.M. 9 P.M. Mean.			7 A.M. 2 P.M. 9 P.M. Mean.			7 A.M. 2 P.M. 9 P.M. Mean.				
	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.		
C	1	56	64	58	59	59	29.405	29.492	29.505	4	5	5	N.E.	N.E.	N.E.		
	2	56	—	65	60	60	29.512	—	29.428	0	2	2	W.	—	—		
	3	—	—	65	—	—	—	—	29.492	—	4	4	S.W.	—	—		
	4	—	69	63	66	66	—	29.502	29.395	—	10	7	S.W.	—	—		
	5	64	82	68	71	71	29.316	29.281	29.382	9	2	3	S.W.	—	—		
	6	68	—	66	67	67	29.481	—	29.122	8	—	3	N.W.	—	—		
	7	69	83	69	73	73	29.566	29.551	29.509	1	2	1	S.W.	—	—		
	8	72	83	68	74	74	29.502	29.493	29.559	1	2	1	S.W.	—	—		
	9	62	74	60	65	65	29.593	29.503	29.531	7	3	3	N.W.	—	—		
	10	38	83	71	71	71	29.438	29.289	29.196	8	3	4	E.	W.	—		
	11	76	82	61	73	73	29.136	29.215	29.378	4	6	10	S.W.	—	—		
	12	53	47	45	48	48	29.609	29.525	29.430	10	10	10	N.E.	N.E.	5 p.m.		
	13	47	53	52	51	51	29.290	29.320	29.374	10	10	10	N.E.	N.E.	—		
	14	37	60	52	59	59	29.449	29.429	29.461	10	10	10	S.E.	N.E.	—		
	15	48	51	49	49	49	29.450	29.462	29.470	10	10	10	N.E.	N.E.	Stormy.		
	16	49	—	62	37	29.565	29.	—	29.587	10	—	1	N.	—	a.m.		
	17	65	79	65	69	69	29.634	29.619	29.586	3	1	2	S.	W.	—		
	18	69	85	75	76	76	29.512	29.383	29.270	0	0	1	S.	W.	—		
	19	69	82	70	73	73	29.424	29.385	29.420	1	1	2	S.E.	S.	—		
	20	69	81	69 <sub>4</sub>	73	29.436	29.329	29.327	2	4	6	S.W.	E.	S.	—		
	21	71	80	63	71	29.347	29.328	29.417	2	5	4	N.E.	N.	S.	—		
	22	65	79	66	70	29.522	29.544	29.600	2	2	4	N.W.	S.	W.	—		
	23	68	79	67	71	29.654	29.626	29.578	2	4	2	N.W.	S.	E.	—		
	24	67	86	77	76	29.516	29.418	29.394	9	1	1	N.W.	S.	W.	—		
	25	80	92	76	82	29.386	29.341	29.354	1	0	2	E.	S.	W.	—		
	26	68	89	76	67	29.340	29.305	29.357	10	0	3	E.	S.	E.	—		
	27	73	86	78	79	29.404	29.406	29.404	5	2	4	N.E.	S.	E.	—		
	28	78	87	78	81	29.335	29.313	29.342	0	2	2	S.E.	N.E.	S.	—		
	29	73	83	75	77	29.406	29.357	29.315	0	2	3	N.	N.	N.W.	—		
	30	71	79	69	73	29.318	29.323	29.311	1	1	0	N.	N.	N.W.	—		
Means,	65	76	65	68	68	29.448	29.413	29.416	4.5	3.7	4	Amount of rain,			5.16		

## METEOROLOGICAL OBSERVATIONS—JULY, 1858.

THERMOMETER.	BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.		
	At 32°.			10=covered.											
	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.			
1	59	69	69	62	29.460	29.388	29.354	3	0	W.	N. W.	W.			
2	65	—	68	—	29.359	—	29.387	0	4	N.	—	N. W.			
3	65	70	67	67	29.392	29.311	29.242	10	10	S.	S. E.	—			
C	4	76	94	72	77	29.136	29.218	29.370	4	3	W.	N. N. E.	—		
5	64	76	67	69	29.540	29.609	29.673	2	1	0	N.	N. N. W.	—		
6	65	81	69	71	29.726	29.724	29.711	3	0	0	W.	N. W. S.	—		
7	73	87	75	78	29.640	29.512	29.418	0	3	0	W.	N. W. S.	—		
8	73	87	74	74	29.441	29.179	29.417	1	0	0	S. W. S.	W. S.	—		
9	70	87	75	77	29.539	29.511	29.559	3	4	9	S. W. S.	W. S.	—		
10	75	87	78	80	29.531	29.602	29.457	9	4	2	S. W. S.	W. S.	—		
11	81	92	71	81	29.464	29.392	29.517	1	4	10	W.	S. W. E.	3½ p.m.		
12	56	—	56	—	29.560	—	29.569	10	—	10	N. E.	—	N. E.		
13	58	81	70	69	29.470	29.432	29.480	10	8	3	N. E.	S. W.	—	a.m. 1.53	
14	68	71	67	68	29.536	29.632	29.643	9	9	8	N.	N. W. N. E.	—		
15	66	75	67	69	29.644	29.631	29.633	8	5	0	N.	N. E. N. E.	—		
D	16	68	80	71	73	29.590	29.566	29.573	2	2	4	N.	N. E. N. E.	—	
17	71	82	75	76	29.542	29.515	29.517	2	3	8	S. E.	S. W. S. W.	—		
18	70	78	67	71	29.532	29.523	29.580	10	5	0	N.	N. E. N. E.	6 a.m.	.10	
19	67	78	67	70	29.653	29.640	29.629	0	3	3	N. E.	N. N.	—		
20	—	—	67	—	—	—	29.431	—	—	4	—	S. W.	—		
21	66	80	70	72	29.421	29.255	29.275	3	3	8	S. W.	S. W.	—		
22	64	71	66	63	29.167	29.130	29.186	4	8	10	S. W. N. W. N. E.	2½ a.m.	p.m.	70.	
23	63	—	63	—	29.258	—	29.346	2	—	3	N.	—	S. E.		
24	60	61	55	58	29.361	29.413	29.512	4	5	2	N. E.	N. E. N. E.	1.50 p.m.	2.15 p.m.	
25	56	63½	56	58	29.584	29.600	29.658	10	8	1	N. E.	N. E. N. E.	—		
26	62	74	61	65	29.644	29.065	29.548	4	7	—	S. E.	S. W. S. W.	—		
27	66	78	71	72	29.598	29.378	29.333	9	2	6	W.	S. W.	—		
28	68½	78	64	70	29.423	29.407	29.483	7	5	5	N. W.	N.	—		
29	64	74	64	67	29.459	29.341	29.241	9	8	10	N.	S.	8 p.m.	—	
30	59	65	58	60	29.258	29.249	29.256	10	10	N. E.	E.	N. E.	p.m.	1.60	
31	61	74	66	67	29.260	29.241	29.342	9	3	5	N.	N. W.	—	—	
Means,	67	77	67	70	29.472	29.424	29.462	5	4	4	—	—	Amount of rain,	4.18	

Lunar rainbow at 9 P.M.

[Oct.]

METEOROLOGICAL OBSERVATIONS—AUGUST, 1858.

THERMOMETER. At 32°.	BAROMETER.			CLOUDS. 10=covered.			WIND.			RAIN AND SNOW.			Remarks.	
	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Began.	Ended.	Am'tnt.		
1 66 - 61	-	29.398	29.537	0	-	10	N.	N. E.	4½ p.m.	-	-	-		
2 59 58 - 56	-	29.561	29.141	-	10	10	E.	N. E.	-	-	-	-		
3 - - 62	61	29.562	29.456	29.453	10	10	E.	E.	6 p.m.	-	-	-		
4 59 62 - 68	-	29.343	29.331	29.331	-	3	S. E.	S. E.	-	-	-	-		
5 - 82 - 69	69	29.455	29.480	29.545	10	9	N. W.	N. E.	1.40 p.m.	3 p.m.	-	.29		
6 70 69 - 61	64	29.461	29.440	29.393	10	9	N. E.	N. E.	6½ a.m.	a.m.	-	-		
7 63 69 - 64	-	29.555	29.634	-	1	2	N. E.	N. E.	-	-	-	-		
8 67 74 - 67	65	29.562	29.539	29.542	0	3	E.	N. E.	6½ p.m.	-	-	-		
9 64 72 59	64	29.398	29.383	29.441	10	9	N. E.	N. E.	-	-	-	-		
10 59 70 65	64	29.452	29.536	29.638	10	4	N. E.	N. E.	9 a.m.	-	-	-		
11 63 72 66	67	29.750	29.776	-	3	4	N. E.	N. E.	-	-	-	-		
12 62 74 67	67	29.758	29.679	29.588	3	5	N. E.	S. E.	9 p.m.	p.m.	-	1.20		
13 65 73 -	-	29.457	29.380	29.380	10	9	N. E.	E.	-	-	-	-		
14 60 73 63	65	29.644	29.574	29.540	10	5	N. W.	S. E.	4½ p.m.	5½ p.m.	-	-		
15 59 75 68	67	29.437	29.359	29.226	7	5	E.	S. E.	9 p.m.	p.m.	-	.45		
D 16 - 80 67	-	29.443	29.388	-	-	5	S. W.	S.	-	-	-	-		
17 65 80 68	71	29.476	29.447	0	5	9	N. W.	N. W.	-	-	-	-		
18 73 81 73	75	29.456	29.380	29.434	3	5	N. W.	N. W.	-	-	-	-		
19 69 66 55	63	29.355	29.317	29.346	4	4	N. W.	N. W.	-	-	-	-		
20 54 70 59	61	29.443	29.443	29.351	5	0	N. W.	N. W.	-	-	-	-		
21 64 78 67	69	29.443	29.388	29.447	0	5	N. N.	N. W.	-	-	-	-		
22 67 72 61	66	29.443	29.443	29.541	0	2	N. N.	N. W.	-	-	-	-		
23 55 - 52	-	29.443	-	29.541	0	0	W.	S.	-	-	-	-		
24 54 72 58½	61	29.594	29.491	29.583	2	2	S.	S. E.	-	-	-	-		
25 60 75 62	65	29.666	29.582	29.745	2	4	S.	S. E.	-	-	-	-		
26 60 75 60	65	29.765	29.723	29.690	1	4	E.	S. E.	-	-	-	-		
27 54 71 67	64	29.633	29.544	29.521	10	9	S. E.	S. E.	-	-	-	-		
28 67 71 68	68	29.410	29.192	29.197	10	10	S. E.	S. W.	-	-	-	.83		
29 71 79 65	71	29.096	29.127	29.156	3	3	S. E.	S. W.	-	-	-	-		
30 - 73 63	-	29.233	29.312	-	4	0	W.	S.	-	-	-	-		
C 31 61 76 66	67	29.355	29.435	29.425	2	5	N. W. S.	W. S.	-	-	-	-		
Means, 62 72 63	65	29.488	29.427	29.455	5.2	5.7	4.7	Amount of rain,						

## METEOROLOGICAL OBSERVATIONS—SEPTEMBER, 1858.

Days of Month	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.		
	At 32°.			7 A.M.			10=covered.			7 A.M.			9 P.M.					
	7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Began.	Ended.	Am'tn. S. W.		
1	65	76	61	67	29.472	29.446	29.476	0	3	2	W.	N. W.	N. W.	-	-	-	-	
2	62	73	64	66	29.474	29.421	29.419	8	10	0	N. W.	W.	W.	-	-	-	-	
3	64	77	70	70	29.429	29.357	29.341	9	2	10	S.	S.	S.	9 $\frac{1}{4}$ p. m.	-	-	-	
4	-	68	-	68	-	29.250	-	10	-	-	W.	N. W.	W.	-	-	-	-	
5	66	77	64	69	29.314	29.109	29.384	1	4	1	N. W.	N. W.	N. W.	-	-	-	-	
6	63	73	62	66	29.447	29.494	29.588	0	6	0	N. W.	N. W.	N. W.	-	-	-	-	
7	58	78	67	67	29.689	29.651	29.651	1	1	0	N. W.	N. W.	N. W.	-	-	-	-	
8	63	82	67	70	29.639	29.576	29.557	1	1	0	S. W.	N. E.	N. E.	-	-	-	-	
9	68	85	70	74	29.562	29.501	29.505	0	0	0	N. W.	N. W.	N. W.	-	-	-	-	
10	64	82	69	71	29.500	29.430	29.101	3	4	0	S. W.	S. W.	S. W.	-	-	-	-	
11	72	68	63	67	29.331	29.290	29.348	10	10	10	S. W.	W.	W.	12 $\frac{1}{2}$ p. m.	-	-	-	
12	59	70	59	62	29.344	29.349	29.457	0	3	0	W.	N. W.	N. W.	-	-	-	-	
13	54	66	53	57	29.608	29.639	29.715	0	6	0	N.	N.	N.	-	-	-	-	
14	53	65 $\frac{1}{2}$	56	58	29.808	29.781	29.666	1	9	4	S. E.	E.	E.	-	-	-	-	
D	57	-	58	-	29.711	-	29.605	9	-	10	N. E.	-	N. E.	11 p. m.	-	-	-	
16	61	70	62	64	28.989	28.728	28.679	10	10	1	E.	S. E.	N. E.	-	-	-	-	
17	58	64	54	58	29.161	29.187	29.491	0	4	0	N. W.	N. W.	N. W.	-	-	-	-	
18	50	63	52	55	29.709	29.723	29.788	0	1	9	N. W.	N. E.	N. E.	-	-	-	-	
19	56	64	54	58	29.858	29.848	29.892	6	4	2	N. W.	N. E.	N. E.	-	-	-	-	
20	56	-	64	-	28.846	-	29.615	0	-	0	S. S.	-	S. W.	-	-	-	-	
21	62	-	67	-	29.453	-	29.299	0	-	6	S. W.	-	S. W.	-	-	-	-	
22	53	58	43	51	29.358	29.322	29.453	2	4	2	N.	N.	N.	-	-	-	-	
23	42	55	43	46	29.580	29.560	29.479	0	0	0	N. W.	N. W.	N. W.	8 a. m.	5 p. m.	.06	-	
24	46	53	48	49	29.503	29.395	29.518	10	10	0	S. W.	W.	W.	-	-	-	-	
25	46	58	45	49	29.721	29.677	29.712	0	0	9	N.	N.	N.	-	-	-	-	
26	45	59	45	49	29.781	29.766	29.814	1	4	0	E.	S. E.	N. E.	-	-	-	-	
27	42	54	47	47	29.832	29.805	29.826	0	4	0	N. E.	N. E.	N. E.	-	-	-	-	
28	44	57	44	48	29.766	29.661	29.623	1	1	0	N.	N. E.	N. E.	-	-	-	-	
C	29	41	67	47	51	29.563	29.411	29.367	1	0	9	N. E.	W.	S. W.	-	-	-	-
30	58	75	64	65	29.321	29.283	29.289	6	2	10	S. W.	N. W.	S. W.	a. m.	a. m.	Slight	-	
Means,	56	68	57	60	29.509	29.468	29.505	2.7	4.2	2.9	Amount of rain,					5.70		

Amount of Rain and Snow registered at the State Lunatic Hospital, Worcester, Mass., for Seventeen Years.

YEAR.	DECEMBER.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	TOTAL.	
	Rain. Inches.													
1841-2, .	4.77	6.	1.35	5.	4.13	3.	2.24	4.	2.82	-	4.93	-	7.12	-
1842-3, .	5.30	26.	5.05	2.	4.45	30.	5.23	26.	3.13	10.	1.73	-	9.19	-
1843-4, .	2.28	23.	3.14	13.5	1.44	12.	3.80	18.5	.35	-	3.67	-	3.39	-
1844-5, .	2.05	8.	4.17	12.	2.61	20.	3.29	10.	1.61	-	3.23	-	3.14	-
1845-6, .	5.39	13.	2.92	13.	2.50	30.	3.33	-	1.34	-	5.85	-	2.37	-
1846-7, .	2.87	9.	4.66	5.	4.08	17.	3.89	8.	1.67	-	1.63	-	5.29	-
1847-8, .	4.93	10.5	3.08	4.5	1.61	25.	3.89	6.	1.52	5.	6.82	-	1.31	-
1848-9, .	3.93	25.	.98	2.	1.30	14.5	6.30	3.	1.95	-	3.56	-	1.25	-
1849-50, .	3.12	8.5	4.79	15.	3.23	2.	3.67	20.	5.53	13.	7.50	-	3.75	-
1850-1, .	4.19	23.5	2.07	2.5	4.01	1.5	1.40	18.	6.76	-	4.73	-	2.17	-
1851-2, .	2.30	5.5	5.44	15.5	2.46	11.5	3.42	13.5	10.77	23.	3.50	-	3.53	-
1852-3, .	4.78	4.	3.02	10.	8.09	11.	3.60	8.	4.92	-	4.45	-	1.01	-
1853-4, .	3.79	20.5	2.82	7.5	6.62	15.5	3.45	-	6.69	-	6.78	-	3.05	-
1854-5, .	3.43	15.5	8.11	9.	4.48	8.	.23	4.	5.30	-	1.64	-	4.19	-
1855-6, .	6.90	10.5	4.60	27.5	1.35	9.	1.69	10.2	3.34	-	6.55	-	1.44	-
1856-7, .	4.08	3.	4.48	29.	2.24	6.5	2.80	11.75	8.87	-	4.56	-	3.44	-
1857-8, .	5.33	9.	2.13	8.5	1.10	4.5	2.29	-	3.37	-	4.13	-	5.16	-
Sums,	69.45	220.5	62.81	181.5	55.7	221.	54.52	160.95	71.03	51.	74.20	-	52.69	-
Means,	4.08	12.9	3.69	1.06	3.27	13.	3.20	9.46	4.17	3.	4.36	-	3.09	-
													5.50	-
													3.69	-
													4.70	.25
													4.40	2.29
													47.25	52.23

## Weather, Wind and Rain, 1857-8.

Weather, Wind and Rain.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	Total.
Number of days clear, . . .	1	—	—	—	2	—	—	—	1	3	7
Number of days cloudy, . . .	30	31	28	31	28	31	30	31	30	27	297
Number of days rainy, . . .	15	7	8	11	12	17	9	9	14	7	109
Number of inches rain, . . .	5.33	2.13	1.10	2.29	3.37	4.13	5.16	4.18	4.00	5.70	37.39
Number of days N. wind, . . .	—	—	—	1	—	—	—	—	—	2	3
Number of days N. W. wind, . .	2	1	1	3	—	—	—	—	3	3	13
Number of days W. wind, . .	3	2	2	3	6	2	—	—	—	—	18
Number of days S. W. wind, . .	—	—	—	—	1	1	2	2	—	1	7
Number of days S. wind, . .	—	—	—	—	—	—	—	—	—	1	1
Number of days S. E. wind, . .	—	—	—	—	—	1	—	—	2	—	3
Number of days E. wind, . .	3	—	1	—	1	—	—	—	1	—	6
Number of days N. E. wind, . .	—	1	—	—	1	—	2	2	5	2	13

## REMARKS.

By clear days is meant entirely clear, *i. e.*, no cloud whatever being visible.

By rainy days, that more or less rain fell, without any reference to quantity.

## Summary of Meteorological Observations, 1857-8.

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## LUNATIC HOSPITAL AT WORCESTER.

[Oct.

		December.	January.	February.	March.	April.	May.	June.	July.	August.	September.
Mean of Thermometer,	{ 7 A. M. . . . .	30	28	18	27	40	42	65	67	62	56
	{ 2 P. M. . . . .	36	36	29	41	53	59	76	77	72	68
	{ 9 P. M. . . . .	28	30	21	30	44	50	65	67	63	57
Mean of Barometer,	{ 7 A. M. . . . .	29.503	29.496	29.442	29.344	29.424	29.459	29.448	29.472	29.486	29.509
	{ 2 P. M. . . . .	29.488	29.472	29.410	29.354	29.329	29.431	29.413	29.424	29.427	29.468
	{ 9 P. M. . . . .	29.515	29.517	29.362	29.432	29.337	29.422	29.416	29.462	29.455	29.505
Mean of Cloudiness,	{ 7 A. M. . . . .	6.5	5.	5.1	5.	5.2	6.4	4.5	5.	5.2	2.7
	{ 2 P. M. . . . .	6.4	6.	5.5	5.5	6.2	6.6	3.7	4.	5.7	4.2
	{ 9 P. M. . . . .	5.4	3.5	3.5	4.2	5.2	5.5	4.	4.	4.7	2.9
Inches of Rain,	. . . . .	5.33	2.13	1.10	2.29	3.37	4.13	5.16	4.18	4.	5.70
" " Snow Water,	. . . . .	.78	.93	—	—	.77	—	—	—	—	—
" " Snow,	. . . . .	9.1	8.5	4.5	—	5.	—	—	—	—	—

*Flowering Season on Hospital Hill for Twenty Years.*

Trees, Shrubs, etc.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.
Crocus, .	April 8	April 1	—	April 7	April 15	—	April 12	April 9	April 24	April 10
Liverwort, .	9	10	April 23	30	30	—	—	15 May	9 May	24
Leatherwood, .	16	16	24	25	25	April 16	—	13 April	25	—
Bloodroot, .	18	19	May 8	May 3	May 3	—	21	12 May	1 May	22
Wind Flower, .	20	24	—	—	—	18	25	—	—	—
Cherry Tree, .	20	25	15	9	9	21	28	—	9	29
Peach Tree, .	May 5	May 1	19	April 22	12	24	May 1	25	10	26
Apple Tree, .	10	11	24	9	14	May 14	8	May 4	11 May	26
Fever Bush, .	—	April 20	8	May 1	—	April 17	April 17	—	22 May	9
Missouri Currant, .	—	20	16	1	—	—	—	—	—	—
Wild Cherry, .	6	May 2	21	April 5	—	8	—	April 28	—	—
Flowering Almond, .	12	12	25	—	—	—	—	—	—	—
Lilac, .	16	16	27	—	—	—	—	—	—	—
It. Honeysuckle, .	13	13	27	14	—	—	—	—	—	—
Shad Bush, .	2	27	—	29	—	—	—	—	—	—
Red Maple, .	—	—	25	4	—	—	—	—	—	—
Callicanthus, .	—	—	23	June 4	—	—	—	—	—	—
Mountain Ash, .	—	—	30	28	—	—	—	—	—	—
Dandelion, .	—	—	April 23	May 1	16	—	—	—	—	—
Daphne Mezereon, .	—	—	—	—	—	—	—	—	—	—
Pyrus Japonica, .	—	—	—	—	—	—	—	—	—	—
Hyacinth, .	—	—	—	—	—	—	—	—	—	—
Blue Violet, .	—	—	—	—	—	—	—	—	—	—
Persian Lilac, .	May 18	—	—	30	—	—	—	—	—	—
G. Maculatum, .	21	May 8	21	—	—	—	—	—	—	—
Rose, Russian, .	June 2	June 3	—	—	—	—	—	—	—	—
Rose, Scotch, .	May 27	May 26	—	—	—	—	—	—	—	—
Horse-Chestnut, .	—	20	—	—	—	—	—	—	—	—
Narcissus, .	—	10	27	—	—	—	—	—	—	—
Trailing Arbutus, .	—	—	April 17	March 27	—	—	—	April 2	—	—

*Flowering Season, &c.—Continued.*

Trees, Shrubs, etc.	1849.	1850.	1851.	1852.	1853.	1854.	1855.	1856.	1857.	1858.
	April 20 30	April 10 26	April 4 22	April 9 25	April 7 23	April 10 29	April 12 May 2	April 6 May 10	March 23 April 19	April 1 —
Crocus,	April 7	May 13	—	23	3	29	May 6	—	—	—
Liverwort,	—	—	—	24	1	26	12	—	May 13	—
Leatherwood,	—	—	—	29	9	23	April 30	—	May 12	—
Bloodroot,	—	—	—	5	11	30	May 8	7	May 5	26
Wind Flower,	May 6	7	6	5	11	30	9	8	May 13	29
Cherry Tree,	May 18	18	18	14	17	May 10	14	15	May 12	May 1
Peach Tree,	—	—	—	—	11	April 30	8	30	9	April 28
Apple Tree,	—	—	6	April 25	12	April 30	8	30	9	May 15
Fever Bush,	—	—	6	—	10	17	7	11	14	—
Missouri Currant,	—	—	—	—	10	23	7	11	14	2
Wild Cherry,	19	—	—	—	10	27	16	14	13	7
Flowering Almond,	23	—	23	May 15	19	May 10	20	19	22	10
Lilac,	24	28	18	18	27	17	22	20	25	25
Tt. Honeysuckle,	—	—	—	—	24	15	30	23	25	17
Shad Bush,	7	7	6	April 28	4	April 30	4	26	16	27
Red Maple,	April 11	April 23	April 3	28	April 11	April 23	April 19	2	April 22	April 30
Callicanthus,	—	June 3	May 23	25	June 4	June 6	June 4	2	April 2	—
Mountain Ash,	June 3	6	June 1	May 5	May 22	May 30	May 12	5	June 5	—
Dandelion,	April 29	April 15	April 22	May 3	May 22	April 10	April 17	2	April 16	—
Daphne Mezereum,	3	6	March 30	April 14	8	April 20	April 24	2	March 31	3
Pyrus Japonica,	May 3	May 6	April 30	May 9	30	May 10	May 12	15	May 15	1
Hyacinth,	April 23	April 18	12	4	25	6	16	17	—	—
Blue Violet,	May 2	May 8	—	6	24	12	10	15	May 5	5
Persian Lilac,	June 3	June 7	May 25	24	19	26	17	31	—	—
G. Maculatum,	May 24	May 3	18	28	22	30	23	June 1	May 29	—
Rose, Russian,	June 6	June 8	24	June 9	June 2	June 6	4	3	June 12	—
Rose, Scotch,	14	14	June 6	30	6	10	6	10	27	—
Horse Chestnut,	—	22	May 19	May 28	17	2	May 20	24	May 26	28
Narcissus,	May 5	27	19	29	May 26	May 28	30	18	22	—
Trailing Arbutus,	April 13	April 10	April 13	April 10	April 9	April 18	April 15	April 23	April 2	Feb. 13

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