

Eighth annual report of the trustees of the State Lunatic Hospital at Worcester. December, 1840.

Contributors

State Lunatic Hospital at Worcester.
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EIGHTH

ANNUAL REPORT OF THE TRUSTEES

OF THE

STATE LUNATIC HOSPITAL

AT WORCESTER.

DECEMBER. 1840.

Boston:

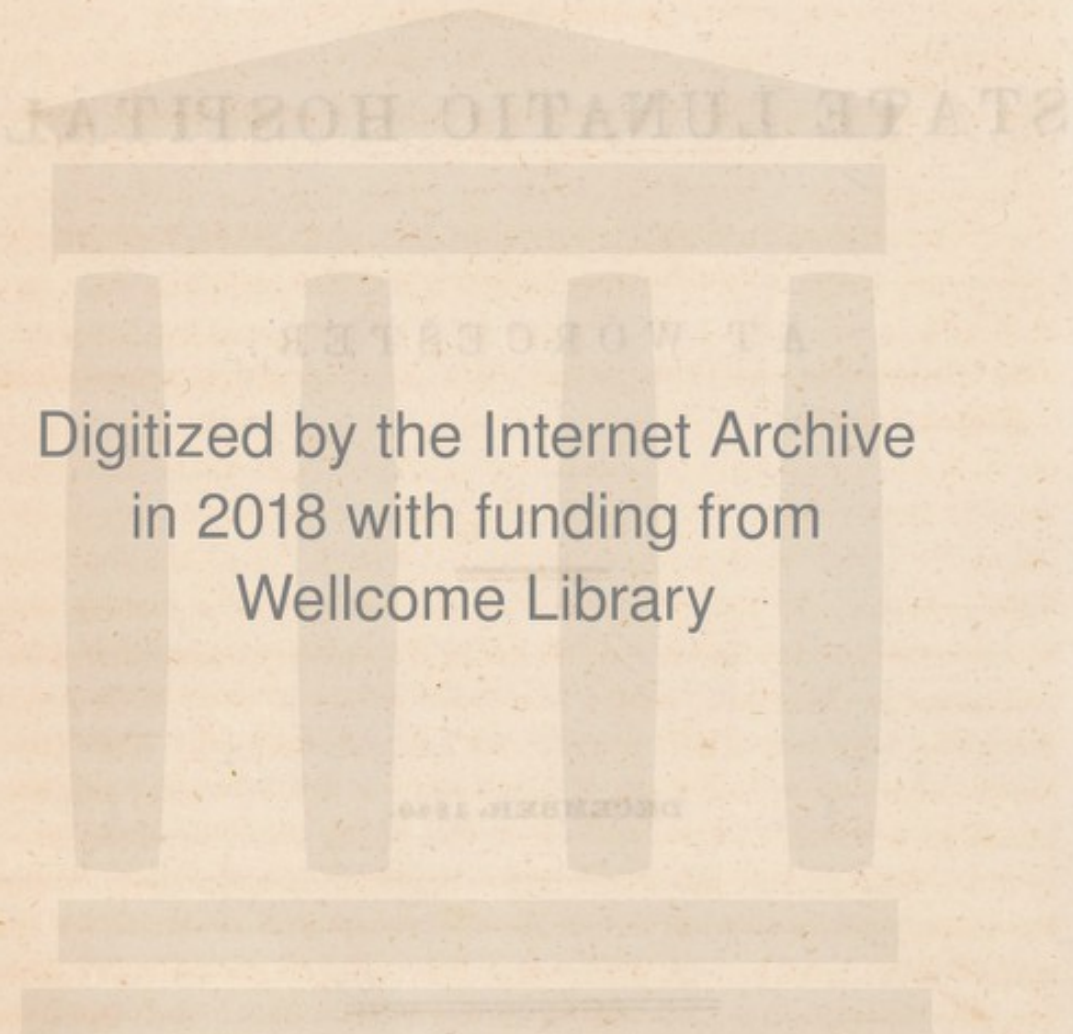
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1841.

EIGHTH

ANNUAL REPORT OF THE TRUSTEES



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1881

EIGHTH ANNUAL REPORT
OF THE
TRUSTEES OF THE STATE LUNATIC HOSPITAL.
DECEMBER, 1840.

*To His Excellency, MARCUS MORTON, Governor, and the Honorable
Council of the Commonwealth of Massachusetts :*

THE Trustees of the State Lunatic Hospital respectfully present their
Eighth Annual

R E P O R T :

In reviewing the last year, the trustees feel it to be a grateful duty to acknowledge the continued smiles of Providence upon that great enterprise of humanity, which has been going on with such happy results for eight years past in the State Lunatic Hospital. This glorious enterprise, conceived in a spirit of true philanthropy, and sustained by a humane public sentiment, has, by its beneficent influences, so reacted upon the public mind, and enlightened it, that a great change has already taken place in public opinion with regard to the nature and treatment of insanity. A generation has not yet passed away since insanity was regarded as synonymous with demonomy : and hence the neglect or cruel treatment of the insane. The idea that human skill was unavailing in a disordered mind was not confined to the unenlightened merely. Physicians and learned men either concurred in the sentiment, or were controlled by it. Under these views, the great object was to protect the community from those who were supposed to be "possessed," and confinement in darkness, dungeons and caves, away from the pleasant light of heaven, the beauty of earth, and the

cheerful face of man—with terror, blows and chains—these were the means employed in those dark days of error and superstition. But more enlightened views, and the brilliant light thrown on the brain by modern science, and consequently on the doctrine of mental phenomena, have greatly dispelled these illusions, and a derangement of the intellectual functions is now regarded as disease—disease, indeed, involving the higher faculties of man—but yet susceptible of successful treatment by means in delightful accordance with the benevolence of the divine Author of the mind, and means which he has graciously committed to his chosen ministers here on earth.

The design of the State Lunatic Hospital, and the plan of treatment pursued in it, furnish a beautiful illustration of the successful results of the humane care and management of the insane.

The Hospital building is a grand edifice, located in the heart of the Commonwealth, a fit emblem of the noble heart of the people, who generously founded and endowed it,—spacious in its dimensions—as well ventilated, warmed, and supplied with pure water, and every other necessary and comfort of life, as any public institution in the whole world—with an infirmary for the sick, and a chapel for religious worship—with comfortable and airy apartments for the inmates, always kept clean and neat—with lofty open halls for their recreation and exercise, surrounded with ample grounds, and walks, and trees—placed on a high hill in full view of the magnificent amphitheatre of cultivated and ornamented highlands, which overlook and surround the beautiful town of Worcester—thus affording to the inmates of the hospital, a constant view of scenes well adapted to soothe, to delight and tranquilize their troubled minds. In this blessed refuge of mercy, for eight years past, the ministrations of humanity have been dispensed to more than eleven hundred and ninety of our unfortunate brethren, afflicted with all the various and terrible forms of mental malady—and, during the whole period, not a blow has been struck, not a chain has been used, nor a harsh word spoken, nor a hard look given. Every thing has been done by the intelligence, benevolence and firmness of the master mind of that extraordinary man, who superintends and sways, with consummate skill, the discordant elements over which he presides, and who has raised the reputation of the State Lunatic Hospital to the rank of a model institution, alike admirable for its humanity, economy and success.

On the first day of December, the trustees went through the Hospital thoroughly. The examination was highly satisfactory. The pa-

tients were very quiet—all of them clean and comfortable—and a large proportion of them appeared happy. The interesting report and statistical tables prepared by Dr. Woodward, and herewith annexed, present so accurate a view of the present state of the Hospital, that the trustees will give only a general outline. There have been in the Hospital in the course of the year, 391 patients; 190 males, 201 females. There have been admitted 162; 75 males, 87 females. There remained at the end of the year, 236 patients; 122 males, 114 females. Of which, 208 are old cases, and 28 recent cases, 105 cases have been sent by the courts, 48 by friends, and 9 by Overseers of the Poor. There have been 30 foreigners, and 19 persons belonging to other States, in the Hospital the past year. There have been applications not received, 99; 58 of which, were citizens of this State. There have been discharged from the Hospital during the year, 155 persons; 82 of which, were recovered, 29 improved, 29 discharged for want of room or harmless, 15 have died. Of the 82 recovered, 64 were recent cases, and 18 old cases; the whole number of recent cases discharged, is 70. The per cent. of recoveries of the recent cases discharged, is $91\frac{1}{2}$ per cent.; the per cent. of all the cases discharged, is about 53 per cent. The striking difference in the per centage of recoveries between recent and old cases, is shown in a very interesting light in Dr. Woodward's Report, and is a fact of vast practical importance, which cannot be too often, nor too strongly pointed out to the public eye. During the last year, a fire engine has been purchased at the cost of \$150. It proves to be an excellent one, is well managed by the patients, and with an abundant supply of water from the great cistern in the back yard, is used to great advantage for various purposes of cleanliness, and may be regarded as an efficient security for the Hospital in case of fire.

The labor department has been continued the past year with increased evidences of its utility. The produce of the farm is estimated at \$1,887 89, exclusive of the fine live stock on hand; great judgment and industry have been shown, in clearing and walling in, manuring and irrigating, and increasing the produce of the lands, showing that Mr. Ellis is an excellent farmer, as well as an excellent steward. The value of shoes manufactured, is about \$900. A great amount of useful labor is daily performed by the patients in the house and about the premises, and during the year extensive improvements have been made, and the grove has been ornamented with paths and walks, and the surface made smooth and beautiful. But the true value

of labor is to be estimated by a higher standard than money. Labor is the health of the mind. It is that power in man, which unfolds and directs his capacities, and thus reveals and secures the sources of his happiness. The man who labors, shares first and largest in the fruits of his own toil, for, in every condition of human life, useful employment is the surest enjoyment, the best security of a "sound mind in a sound body." In a disordered state of mind, judicious occupation is among the best remedies, and agricultural and horticultural occupations are among the best of all. "Grain and fruit are God's bounty, the flowers are his smiles." This beautiful thought of the poet, may come over the troubled mind, when engaged in the field or the garden, in the midst of Heaven's gifts, with a divine power to dispel gloom, and infuse hope and peace and joy. The experiment of cultivating the gardens, and tilling the soil by the patients, has proved so beneficial to them, that the Trustees regard it as true humane economy, to purchase more land adjoining the Hospital farm, whenever favorable opportunities may offer. Another barn is now much needed for the use of the Hospital.

The Report of the Treasurer, presents a clear, full, and satisfactory statement of the fiscal concerns of the Hospital.

It appears that the amount of cash on hand, December 1st, 1839, and receipts from all sources, from December 1st, 1839, to November 30th, 1840, inclusive, is	\$30,046 16
The amount of expenditure during the same term, is	27,844 98
	<hr/>
The amount of cash on hand, December 1st, 1840,	2,201 18
	<hr/> <hr/>
	30,046 16
	<hr/>

It appears that the cost of supporting the Hospital, exclusive of salaries paid from the State Treasury, was, for the year ending November 30th, 1839,	29,474 41
For the year ending November 30th, 1840,	27,844 98
	<hr/>
Difference,	1,629 48
	<hr/>

The amount of cost of supporting the Hospital for 1840, \$27,844 98, divided by the average number of patients, 229, gives as the cost of supporting each patient, a fraction less than \$2.33 per week. This is

something less than the present charge. But as there is some uncertainty in regard to the future price of supplies,—as great inconvenience has been experienced on account of the crowded state of the Hospital, and as the present price of board is so very reasonable—the Trustees have decided to continue the same price of 2.50 per week for each patient, for the coming year, except in cases in which for special reasons it is enlarged or abated.

Religious services have been regularly performed on the Sabbath in the chapel, during the past year, with gratifying confirmation of the good effect of public worship on the patients. The same blessed influences of Christianity, which, in the days of its divine Author, brought quietly to his feet, “sitting and clothed in his right mind,” the wild maniac, who had “plucked asunder his chains, and was always, night and day, in the mountains, crying and cutting himself with stones, and no man could tame him,”—this same blessed religion of love and mercy, by the labors of its faithful ministers, still continues to exert its healing and soothing power over the troubled soul. At the present time, the religious duties of the chapel are performed in a very acceptable manner by the Rev. George Allen. At the meeting of the Trustees on the first of December, Mr. King, a member of the board, presented a copy of the will of the late Mrs. Martha Johonnot, of Salem, containing the following clause: “I give, bequeath and devise all the residue of said estate, real and personal, to the Board of Trustees of the State Lunatic Hospital at Worcester, and their successors forever, upon the special trust and confidence, that they shall invest the same, and expend the annual income thereof, or so much thereof, as may be necessary for the relief and support of such poor insane persons as may, from time to time, be committed to said Hospital from the several towns in the county of Essex in said state—and who may, in the judgment of said Trustees, be unable to support themselves therein—and if, from any cause whatever, the foregoing devise, for the benefit of such poor insane persons, cannot take effect consistently with the rules of law, I then give and devise all the residue of said estate, real and personal, to said Board of Trustees, and their successors in trust, for the Commonwealth of Massachusetts, to be used and improved for the maintenance of insane persons, and for the benefit of the institution.”

By the fourth section of the forty-eighth chapter of the Revised Statutes, it appears that “the Trustees may take and hold, in trust for the Commonwealth, any grant or devise of lands, and any donation or bequest

of money, or other personal property, to be applied to the maintenance of insane persons, and the general use of the said institution." Upon examination of the law, it appears very doubtful whether the Trustees of the State Lunatic Hospital are authorized to accept this bequest for such special purposes—separate from the "general use of said institution," and furthermore, it seems to be impracticable to carry into effect the benevolent design of the donor in favor of poor insane persons in the county of Essex. An attempt to execute this provision of the will would involve the Trustees in a joint trust, with all the overseers of the poor in all the towns in the county of Essex!! It is proper here to state, that, in Mrs. Johonnot's will, there are several annuities to be provided for—and the mode by which these shall be adjusted, will materially affect the amount of the residue of the estate. After careful reflection, the subject of Mrs. Johonnot's will is respectfully submitted. In conclusion, it only remains for the Trustees to express their grateful conviction, that the Superintendent and his faithful assistant Dr. Chandler, together with the steward and matron, and, indeed, all the attendants in the various departments of duty, have given full proof of the faithful performance of the arduous and responsible duties of this great institution of humanity—an institution preëminent among the noble charities which distinguish and bless our age, and which are alike deserving the fostering care of an enlightened government, and the generous support of a humane people.

ABM. R. THOMPSON,
A. D. FOSTER,
MATURIN L. FISHER,
DANIEL P. KING,
HENRY GARDNER,

Trustees.

December 1st, 1840.

TREASURER'S REPORT.

To His Excellency MARCUS MORTON, Governor, and to the Honorable Executive Council of the Commonwealth of Massachusetts.

The Treasurer of the State Lunatic Hospital, respectfully presents his Eighth Annual Report.

The Treasurer charges himself, from December 1, 1839, to November 30th, 1840, inclusive, as follows :

For cash on hand, December 1, 1839, balance of last account, - - -	\$3,797 68
For receipts from Cities, Towns, and individuals, - - - - -	25,729 80
For credits on sundry bills, for shoes, flour barrels, grease, ashes, old iron, pigs, 2 cows and various other things, - -	518 68
	\$30,046 16

He credits himself, as follows :

For payments for Improvements and Repairs,	957 43
“ “ “ Salaries, Wages and Labor,	7,030 50
“ “ “ Furniture and Bedding,	1,482 57
“ “ “ Clothing, Linen, &c.	1,625 27
“ “ “ Fuel and Lights,	3,822 13
“ “ “ Provisions and Groceries,	11,081 09
“ “ “ Medical Supplies,	802 91
“ “ “ Hay, \$84 24, Straw, \$94 52,	178 76
“ “ “ Miscellaneous,	864 32
Cash on hand, balance to new account,	2,201 18
	\$30,046 16
Deducting the balance on hand, - -	2,201 18
The cost of supporting the Institution for the year, appears to be - - -	\$27,844 98

The item of furniture is increased by the cost of a fire engine, which the Trustees thought requisite for the protection of the buildings, as well as for other purposes; and by the repairs or re-placing of articles injured, or worn with several years' use.

The item of clothing, linen, &c., includes, as usual, the stock of the shoe shop, purchased within the year.

The Payments for Salaries, Wages and Labor, are distributed as in the following table. The Gratuities mentioned are given by authority of the Trustees, as a bounty upon fidelity and long service. The table embraces the names of all who, within the year, were regularly employed in the Hospital, and paid by the Treasurer. Some were there but a short time, as the amount paid them shows. Those not in the employ of the Institution on the first of December, are so designated, and are marked with an asterisk.

NAMES.	SERVICE.	COMPENSATION.	AM'T PAID.	REMARKS.
*Mehitable Farwell,	Attendant, -	Board and \$2 00 per week.	\$2 28	Not now employed.
*Caleb S. Crossman,	do -	do do 14 00 per month.	27 77	do do
*Hannah W. Holman,	do -	do do 2 00 per week.	64 98	\$5 Gratuity. Not now employed.
*Seraphina Chaffin,	Tailoress, -	do do 2 00 per week.	32 28	Not now employed.
*Eunice Drury,	Housekeeper,	do do 3 00 per week.	130 17	\$5 Gratuity. Not now employed.
*Lucretia Wood,	In kitchen, -	do do 2 00 per week.	44 71	\$5 do do
*Julius A. Reed,	Chaplain, -	do do 12 00 per week.	528 00	Not now employed.
*Julius M. Converse,	Attendant, -	do do 15 00 per month.	151 53	\$8 Gratuity. do do
*David Pierce,	Watchman,	do do 14 00 per month.	55 54	Not now employed.
*Euroxa Powers,	Washer and Ironer,	do do 1 75 per week.	38 50	do do
*James H. Clapp,	Attendant, -	do do 12 00 per month.	29 30	do do
*Esther Blanchard,	Seamstress,	do do 1 00 per week.	27 67	do do
*Sarah Flagg,	do -	do do 2 00 per week.	2 70	do do
Samuel Colby,	Overseers of Incurable	do do 350 00 per annum.	347 66	\$8 Gratuity.
Mrs. Colby,	Departm't, North Wing,	do do 350 00 per annum.	340 49	\$5 do
Samuel Rice,	Overseers of Incurable	do do 15 00 per mon. }	277 77	\$8 do
Mrs. Rice,	Departm't, South Wing,	do do 2 00 per week. }		\$5 do
James B. Billings,	Attendant, -	do do 16 00 per mon. }		\$8 do
Mrs. Billings,	do -	do do 1 50 per week. }	279 61	\$5 do
Moore M. Chaffin,	Farmer, -			\$8 do
Mrs. Chaffin,	Chamberwork, -			\$5 do

				Board and \$15 00 per mon.			\$8 Gratuity.
Lawson Hill, -	Attendant, -	-	-	do do	do	280	\$5
Mrs. Hill, -	Ironer, -	-	-	do do	1 50 per week.	97	do
George Sessions, -	Attendant, -	-	-	do do	15 00 per mon.	283	\$8
Mrs. Sessions, -	do	-	-	do do	2 00 per week.	90	do
William H. Blackmer, -	do	-	-	do do	15 00 per mon.	272	\$8
Mrs. Blackmer, -	In kitchen, -	-	-	do do	2 00 per week.	43	do
Daniel G. Blackmer, -	do	-	-	do do	15 00 per mon.	285	\$8
Mrs. Blackmer, -	do	-	-	do do	2 00 per week.	35	do
John T. Mirick, -	Attendant, -	-	-	do do	15 00 per mon.	288	\$8
Mrs. Mirick, -	do	-	-	do do	2 00 per week.	38	do
Hollis Chaffin, -	do	-	-	do do	15 00 per mon.	297	\$8
Mrs. Chaffin, -	In kitchen, -	-	-	do do	2 25 per week.	52	do
Horatio N. Welsh, -	Attendant, -	-	-	do do	14 00 per mon.	195	\$5
Mrs. Welsh, -	In kitchen, -	-	-	do do	2 00 per week.	80	do
Betsey Allen, -	Attendant, -	-	-	do do	2 00 per week.	105	\$5
Hannah Baker, -	do	-	-	do do	2 00 per week.	56	\$5
Catherine Raynes, -	Washerwoman, -	-	-	do do	2 00 per week.	107	\$5
Theoda Bartlett, -	Attendant, -	-	-	do do	2 00 per week.	84	do
Sarah Jennings, -	Dressmaker, -	-	-	do do	2 00 per week.	99	\$5
Harriet H. Carey, -	Attendant, -	-	-	do do	2 00 per week.	00	\$5
	now Housekeeper, -	-	-	do do	2 00 per week.	35	\$5
Esther S. Blackmer, -	Chambermaid, -	-	-	do do	at 2 75 per week.	78	do
Melinda Hooker, -	Attendant, -	-	-	do do	1 50 per week.	29	\$5
Mary S. Howe, -	Table Girl, -	-	-	do do	2 00 per week.	86	\$5
Agness Johnston, -	Attendant, -	-	-	do do	1 50 per week.	59	\$5
Clarissa Chaffin, -	Seamstress, -	-	-	do do	2 00 per week.	34	\$5
Lucy Ann Bascom, -	Attendant, -	-	-	do do	2 00 per week.	99	\$5
Sophia Parker, -	Washer and Ironer, -	-	-	do do	2 00 per week.	00	do
Laura A. Converse, -	In kitchen, -	-	-	do do	1 75 per week.	52	\$5
		-	-	do do	2 00 per week.	28	do

TREASURER'S REPORT—Continued.

NAMES.	SERVICE.	COMPENSATION.	AM'T PAID.	REMARKS.
Harriet Hooker, - - -	Attendant, -	Board and \$2 00 per week.	\$34 28	
Hannah Robinson, - - -	Seamstress, -	do do 2 00 per week.	18 28	
Horace Mirick, - - -	Attendant, -	do do 15 00 per month.	181 84	
Humphrey B. Heywood, - - -	do -	do do 15 00 per month.	182 47	\$8 Gratuity.
Samuel Preston, - - -	Coachman, -	do do 15 00 per month.	183 81	\$8 do
Charles C. Clapp, - - -	Shoemaker, -	do do 20 00 per month.	245 32	\$8 do
Luther Gunn, - - -	Watchman, -	do do 14 00 per month.	73 68	\$8 do
George Allen, - - -	Chaplain, -	do do 12 00 per week.	108 00	
A. D. Foster, - - - Treasurer, -			6,637 38	
Labor by those not regularly employed, - - -			250 00	
			143 12	
			<u>7,030 50</u>	

Provisions and Groceries include

Apples, pears, peaches, berries, grapes, raisins, lemons, oranges, - - - - -		\$462 56
Spices, salt, and small groceries, - - -		146 46
Soap, - - - - -		277 85
Honey - - - 142½ lbs. - - -		12 75
Vinegar and Cider, - 11½ barrels, 4 bottles,		45 50
Milk, - - - 1,486 quarts, - - -		73 67
Beans, - - - 38 bushels, - - -		75 75
Peas, - - - 6 14-32 bushels, - - -		15 71
Eggs, - - - 457 7-12 dozen, - - -		68 14
Butter, - 8,831 11-16 lbs. - - -		1,578 12
Cheese, - 8,424 8-16 lbs. - - -		760 58
Tea, - - - 644 lbs. - - -		295 23
Coffee, - - - 1,363 lbs. - - -		145 46
Brown Sugar, - 9,654 lbs. - - -		773 21
Loaf Sugar, - 609 13-16 lbs. - - -		70 93
Molasses, - - - 631 gallons, - - -		208 71
Rye, - - - 216½ bushels, - - -		203 58
Corn, - - - 935½ bushels, - - -		843 80
Oats, - - - 218½ bushels, - - -		99 83
Barley, - - - 24 bushels, - - -		20
Biscuit, - - - - - - - - -		126
Potatoes, - - - 1,374 bushels, - - -		394 89
Rice, - - - 1,852 lbs. - - -		72 49
Flour, - - - 246½ barrels, - - -		1,552 93
Poultry, - - - 750 12-16 lbs. - - -		71 66
Mackerel, - - - 2½ barrels, - - -		32 25
Fresh Fish, - 1,284 lbs. 40 shad, oysters and clams,		96 39
Salt Fish, - - - 5,239 lbs. - - -		150 82
Ham, - - - 907 lbs. - - -		103 48
Tripe, - - - 334 lbs. - - -		31 56
Beef, - 20,692 8-16 lbs. - - -		1,472 72
Sausages, - - - 304 4-16 lbs. - - -		33 21
Pork, - - - 1,732 lbs. - - -		131 26
Salt Pork, - - - 8 barrels, - - -		149 00
Mutton and Lamb, - 2,441 lbs. - - -		202 37

Salt beef,	-	-	1 barrel,	lbs.	-	20	59	
Veal,	-	-	3,439 lbs.	-	-	228	40	
Liver,	-	-	-	-	-		25	
Smoked Beef,	-	-	52 lbs.	-	-	5	98	
Tongues and Sounds,	-	-	1 barrel,	-	-	7	00	
Salmon,	-	-	1 barrel,	No. 1,	-	20	00	
								<hr/>
								\$11,081 09

Fuel and Lights include

Wood,	-	-	609 cords,	5 feet,	10 inches,	2,872	70	
Charcoal,	-	-	1,698½ bushels,	-	-	184	68	
Anthracite,	-	-	64,500 lbs.	-	-	358	38	
Oil,	-	-	333 gallons,	-	-	377	04	
Candles,	-	-	47½ lbs.	-	-	20	34	
Wicking,	-	-	-	-	-		99	
Peat,	-	-	2 cords,	-	-	8	00	
								<hr/>
								\$3,822 13

The amount of wood in the account this year is larger than usual, because of contracts not fulfilled at the close of last year. The average amount for each of the three years that both wings of the Hospital have been occupied, is 503 cords, 7 feet, 8 inches, costing \$2,324 71.

Miscellaneous includes

Expenses of Trustees' visits, 2 bills for 1839 included,		\$131	82
Money paid to patients when discharged, or advanced to them, and charged in their accounts,	-	-	109 40
Expenses of pursuing and returning elopers,	-	-	29 70
Expenses of returning patients discharged to the places whence they were sent to the Hospital, or to Houses of Correction,	-	-	47 41
Funeral Expenses,	-	-	110
Four Cows,	-	-	135
Books, Periodicals, Stationery, Advertising, &c.	-	-	119 36
Postage,	-	-	51 56
Ice in 1839, and filling Ice Cellar in 1840,	-	-	45 50
Sundries,	-	-	84 57
			<hr/>
			\$864 32

Of the appropriation for current expenses made by the Legislature in 1839, the balance, \$4000, which was in the State Treasury, at the date of the last Report, still remains there; and the Treasurer of the Hospital has in his hands, a balance of account to Nov. 30th, inclusive, of more than two thousand dollars.

This gratifying result was not anticipated, and will render any appropriation for the current expenses of the Hospital unnecessary for the next year.

There appears to be no reason to calculate upon the receipt of a less nor the expenditure of a larger sum for the support of patients the ensuing, than the past year.

Should the Legislature think it wise to purchase more land, or to erect a larger and more convenient barn, both which are desirable, it may be proper to make a *specific* appropriation, for one or both of those objects.

The Treasurer has pleasure in saying, that with rare exceptions, the bills for the support of patients, have uniformly been paid with great cheerfulness and punctuality, by the towns and individuals liable. The Trustees, some years since, made it his duty, annually, on the first week in January, to submit all the accounts of more than a year's standing, to the District Attorney of the Middle District, for his examination and advice. But, during eight years the Hospital has been open, in only three cases, has it been necessary to resort to legal process, to obtain payment. And no account, except for State Paupers, has been lost to the Hospital, nor is any one, now outstanding, supposed to be insecure of payment.

A memorandum respecting the expenses, and the average price of board, prepared for the Trustees, is, at their request, annexed to this Report.

ALFRED D. FOSTER,

Treasurer of the State Lunatic Hospital.

Worcester, Dec. 25, 1840.

MEMORANDUM

Respecting the Expenses and Price of Board at the State Lunatic Hospital.

The price of board from January 1, to December 1, 1833, was arbitrarily fixed by the Trustees at \$2 50 per week, it being, of course, impossible to determine the actual cost before it was incurred.

From December 1, 1833, to December 1, 1834, the actual cost, according to the average given in the Report, was \$2 60½ per week each. This average was made on the whole expenditures, including salaries of Superintendent, assistant Physician, and Steward and Matron. These amounted to \$2,173 77, which, deducted from the amount on which the average was made, leaves \$13,666 50 to be divided by 117, giving as the average per week, each, a fraction less than \$2 25.

1834.

\$2 25 per week.

From December 1, 1834, to December 1, 1835, the whole cost of supporting the establishment, was \$16,576 44 ; deducting the same salaries as before, \$2,200, leaves \$14,376 44 to be divided by the average number of patients, 120, which gives a fraction over \$2 30 per week, each.

1835.

\$2 30 per week.

From December 1, 1835, to December 1, 1836, the whole cost of supporting the establishment, taken as before, was

-	-	-	\$23,272 61
Extra repairs that year,	-	-	1,877 33
			<hr style="width: 50px; margin: 0 auto;"/>

Leaving as expense to be paid by patients,

-	-	-	\$21,395 33
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the average per week, each, was that year reported to be \$3 23½, deducting the same salaries as before, then amounting to \$2,300, the sum of \$19,095 28 is left to be divided by the average number of patients, 127 1-5, which gives a fraction less than \$2 89 per week, each. Still the charge was kept down to \$2 50 per week, a further allowance being made for articles charged particular patients.

1836.

\$2 89 per week.

From December 1, 1836, to December 1, 1837, deducting the same salaries as before, the cost of supporting the Institution, was 24,667 65, which sum divided by the average number of patients, 163, gives a fraction over \$2 91 per week, each. In their Report that year, the Trustees say, that the average is \$2 73 per week each, after deducting the salaries as before mentioned, and the items charged for individuals.

1837.

\$2 91 per week.

From December 1, 1837, to December 1, 1838, the cost of supporting the Institution, not including salaries paid from the State Treasury, was \$28,739 40. The average number of patients was 211, giving a fraction less than \$2 62 per week each, as the average cost.

1838.

\$2 62 per week.

From December 1, 1838, to December 1, 1839, the cost of supporting the Institution as before, was \$29,474 41. The average number of patients was 223 $\frac{1}{2}$, giving a fraction more than \$2 50 per week each, as the average cost.

1839.

\$2 50 per week.

From December 1, 1839, to December 1, 1840, the cost of supporting the Institution as before, was \$27,844 98. The average number of patients this year whose names were borne on the Register, was 229. But, in several instances, individuals were permitted to be absent on visits to their friends, or on trial, and during their absence, no charge was made for their board. These absentees reduced the number by which the cost is to be divided, to 225, and the average cost per week for that number varies only a small fraction from \$2 38 each.

1840.

\$2 38 per week.

For the eight years taken together, exclusive of the first, the average per week for each patient is \$2 55.

Av. for 7 years.

\$2 55 per week.

It is to be remarked, that all these averages are inclusive of the special charges to individual patients. These charges are principally included in the items "clothing, linen, &c.," "cash paid patients," and "elopements." Private patients are charged with "damages." It

would be difficult to determine with precision, how much should be deducted, on this account, from the sum of the cost, before the average is made, and I have not attempted to do it. It might, or it might not, for the seven years, be more than five cents per week, each.

It is also to be remarked, that no account is taken of the produce of the land belonging to the Hospital, in ascertaining the cost of supporting the Institution, because so much of the labor of its production is performed by the patients. But, whatever it may amount to, it goes, so far, to diminish the general expenses.

A. D. F.

From December 1, 1837, to December 1, 1838, the cost of supporting the Institution, not including salaries paid from the State Treasury, was \$27,739 40. The average number of patients was 211, giving a fraction less than \$2 03 per week each, as the average cost.

From December 1, 1838, to December 1, 1839, the cost of supporting the Institution as before, was \$27,471 41. The average number of patients was 227, giving a fraction more than \$2 50 per week each, as the average cost.

From December 1, 1839, to December 1, 1840, the cost of supporting the Institution as before, was \$27,244 03. The average number of patients, this year, whose names were borne on the Register, was 222. But in several instances, individuals were permitted to be absent on visits to their friends, or on trial, and during their absence, no charge was made for their board. These absences reduced the number by which the cost is to be divided, to 225, and the average cost per week for that number varies only a small fraction from \$2 38 each.

For the eight years taken together, exclusive of the first, the average per week for each patient is \$2 55 per week.

It is to be remarked, that all these averages are inclusive of the special charges to individual patients. These charges are principally included in the items "clothing linen &c." "cash paid patients," and "elopements." Private patients are charged with "damages." It

THE EIGHTH REPORT

Of the Superintendent of the State Lunatic Hospital, Worcester, Mass., from December 1st, 1839, to November 30th, 1840.

No.	Time of admission.	Age when admitted.	Married or Single.	Sex.	Supposed Cause.	Duration before Admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remains.	In what state.	Remarks. Hereditary. Periodical. Homicidal. Sutcliffal. Labor, &c.
2	1833. Jan'y 22	63	Widower	Male	Religious, -	17 years	The Court	94 months	Remains	Improved	Hereditary. Labors.
3	do 22	29	Single	do	Wound of the head, -	3 years	do	94 months	do	Stationary	Foreigner. Demented.
7	do 29	44	Widower	do	Intemperance, -	6 years	do	94 months	do	Improved	Homicidal. Hereditary. Labors.
8	do 30	56	Single	do	Unknown, -	10 years	The Legislat.	94 months	do	Stationary	do do
12	Feb'y 15	39	Widower	do	Intemperance, -	14 years	The Court	93 months	do	Improved	Foreigner. Pauper. Labors.
18	do 18	66	Widow	Female	Unknown, -	27 years	do	93 months	do	Stationary	do do
19	do 18	57	do	do	do -	7 years	do	93 months	do	do	Periodical. Foreigner. Pauper
21	do 18	28	Single	Male	Masturbation, -	5 years	do	93 months	do	Improved	Labors.
27	do 28	36	Married	do	Intemperance, -	5 years	do	93 months	do	Stationary	Foreigner. Pauper. Labors.
34	March 6	33	Single	do	do -	4 years	do	92 months	Discharged	do	
44	do 16	44	do	do	do -	16 years	do	92 months	Remains	do	Homicidal.
45	do 16	49	Widower	do	do -	14 years	do	92 months	do	do	do
56	do 28	34	Single	do	Religious, -	6 years	do	92 months	do	do	Hered. Labors.
64	April 3	42	do	Female	Unknown, -	14 years	do	91 months	Discharged	Improved	do
70	do 5	47	do	Male	Indulgence of temper, -	10 years	do	91 months	do	Stationary	Musician.
73	do 5	57	do	do	Intemperance, -	10 years	do	91 months	do	Improved	
101	June 5	40	do	do	Disappointment, -	10 years	do	89 months	Remains	Stationary	Hereditary. Labors some.
102	do 6	42	do	Female	Disappointed ambition, -	14 years	do	89 months	do	Improved	do do
107	do 28	38	Married	do	Disappointed affection, -	6 years	do	89 months	Discharged	do	
133	Oct'r 19	33	Widow	do	Jealousy of husband, -	2 years	do	86 months	Remains	Stationary	Labors some.
147	Nov'r 20	32	Single	Male	Ill health, -	3 years	do	86 months	Discharged	do	
176	1834. Feb'y 10	44	do	do	Intemperance, -	10 years	The Overseers	81 months	Remains	Improved	do do
180	do 10	37	Married	do	Disappointed affection, -	11 years	The Court	76 months	do	do	Labors well.
190	March 22	40	do	do	Jealousy of wife, -	3 years	do	81 months	do	Stationary	Demented.
206	April 26	35	Single	do	Unknown, -	6 years	do	80 months	do	do	do
209	do 30	29	do	do	do -	6 years	do	79 months	do	Improved	Homicidal. Labors.

TABLE—Continued.

No.	Time of admission.	Age when admitted.	Married or Single.	Sex.	Supposed Cause.	Duration before Admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remains.	In what state.	Remarks. Hereditary. Periodical. Homicidal. Suicidal. Labor, &c.
223	1835. June 21	40	Single	Female	Domestic affliction,	10 years	The Court	78 months	Remains	Improved	Hereditary. Periodical. Labors.
247	Sept'r 11	32	do	do	Ill health, -	8 years	do	74 months	do	Stationary	Demented.
253	do 26	35	Married	Male	Domestic affliction,	10 years	do	74 months	do	do	Homicidal. Labors.
260	Oct'r 9	37	Single	do	Unknown, -	6 years	do	73 months	do	do	Labors.
274	Dec'r 3	30	do	do	Disappointed affection,	2 months	do	72 months	do	do	Demented.
278	do 18	40	do	do	Unknown, -	Unknown	do	72 months	do	do	Periodical. Labors.
308	April 18	25	do	Female	Intemperance, -	6 years	do	67 months	do	do	Foreigner. Pauper. Labors.
309	do 28	28	Married	do	Ill health, -	6 years	do	61 months	Discharged	do	
319	May 12	45	do	do	Domestic affliction,	1 year	do	66 months	Remains	do	Demented.
330	June 5	44	Widow	do	do do	3 years	do	66 months	do	Improved	Periodical. Suicidal.
331	do 9	35	Married	Male	Ill health, -	5 years	do	65 months	Remains	Stationary	Labors some.
347	July 15	52	do	do	Intemperance, -	3 years	do	64 months	do	do	Hereditary. Periodical.
351	August 5	45	do	Female	Domestic affliction,	6 years	do	63 months	do	Improved	Periodical. Labors.
364	Sept'r 16	39	do	do	Unknown, -	11 years	do	62 months	do	Stationary	Hereditary. Periodical.
367	Oct'r 1	32	Single	Male	Masturbation, -	4 years	do	61 months	do	do	Labors.
380	Nov'r 5	28	Married	Female	Ill health, -	4 years	do	60 months	do	do	Periodical.
396	1836. Jan'y 6	21	Single	Male	Masturbation, -	2 years	do	59 months	do	do	Labors.
400	do 23	35	do	Female	Unknown, -	6 years	do	59 months	do	do	Hereditary. Periodical.
410	March 3	61	do	do	Domestic affliction,	5 years	do	57 months	do	do	Periodical.
411	do 8	24	do	do	Masturbation, -	6 years	do	57 months	do	do	Hereditary. Labors.
425	April 12	41	do	do	Unknown, -	6 years	do	56 months	do	do	Periodical. Labors.
429	do 20	27	do	Male	Religious, -	2 years	do	56 months	do	do	Labors.
431	May 3	29	do	Female	Ill health, -	5 years	do	55 months	do	do	
435	do 6	48	Married	do	do	8 years	do	55 months	do	do	Periodical.
442	do 23	41	Single	do	Masturbation, -	2 months	do	55 months	do	do	Labors.
451	June 28	40	do	do	Intemperance, -	12 months	do	54 months	do	do	do
452	do 29	56	Married	Male	Ill health, -	17 years	do	45 months	Discharged	Improved	
454	July 15	19	Single	Female	Congenital, -	19 years	do	43 months	do	Harmless	
455	do 15	60	Married	Male	Intemperance, -	Unknown	do	45 months	do	Recovered	
462	do 16	21	Single	do	Masturbation, -	1 year	do	53 months	Remains	Stationary	Periodical. Demented.
474	August 5	45	do	Female	Domestic affliction,	1 year	do	52 months	do	Improved	Suicidal.

475	Aug.	10	55	Married	Female	Ill health,	-	-	5 years	The Court	52 months	Remains	Stationary	Demented.	Labors.	
488	Sept'r	22	30	Single	Male	Masturbation,	-	-	10 years	do	51 months	do	do	Hereditary.	do	
515	Dec'r	25	24	do	do	do	-	-	4 years	do	48 months	do	Improved	do	do	
	1837.															
518	Jan'y	9	20	do	do	do	-	-	3 years	do	47 months	do	Stationary	Demented.	do	
532	Feb'y	8	62	Widower	do	Ill health,	-	-	6 years	do	46 months	do	do	Suicidal.	do	
541	March	8	23	Single	do	Masturbation,	-	-	5 years	do	37 months	Discharged	do	do	do	
543	do	8	34	do	Female	Domestic affliction,	-	-	3 years	do	46 months	Remains	Improved	Labors.	do	
544	do	8	27	do	Male	Masturbation,	-	-	2 years	do	35 months	Discharged	Stationary	do	do	
545	do	8	29	do	do	Intemperance,	-	-	2 years	do	44 months	do	Improved	do	do	
546	do	10	20	do	do	Masturbation,	-	-	3 years	do	45 months	Remains	Stationary	Demented.	do	
547	do	10	68	Widow	Female	Religious,	-	-	18 years	do	45 months	do	Improved	Labors.	do	
567	April	24	48	Married	do	Domestic affliction,	-	-	3 months	do	37 months	Died	Stationary	do	do	
571	May	1	23	do	do	Masturbation,	-	-	4 years	do	30 months	Discharged	Recovered	do	do	
573	do	1	34	Single	Male	Intemperance,	-	-	8 years	do	42 months	Remains	Improved	Periodical.	do	
582	do	26	37	do	Female	Disappointed affection,	-	-	6 months	do	42 months	do	do	do	Suicidal.	
585	do	30	44	Married	do	Ill health,	-	-	7 years	do	42 months	Discharged	do	do	do	
588	June	7	56	Widow	do	Domestic affliction,	-	-	2 years	do	42 months	Remains	Improved	Hereditary.	Periodical. Suicid.	
601	July	8	48	do	do	do	-	-	2 years	do	35 months	Discharged	do	do	do	
612	August	5	60	Single	do	do	-	-	10 years	do	39 months	Remains	Stationary	do	do	
615	do	10	20	do	Male	Masturbation,	-	-	1 year	do	39 months	do	do	Demented.	do	
633	Sept'r	8	35	do	do	do	-	-	1 year	do	37 months	Discharged	do	do	do	
635	do	9	33	do	do	do	-	-	11 years	do	38 months	Remains	do	Periodical.	Labors.	
648	Oct'r	5	45	do	do	Unknown,	-	-	10 years	do	37 months	do	do	do	Foreigner. Pauper.	
658	do	22	27	Married	Female	Intemperance,	-	-	18 months	The Friends	37 months	do	do	Hereditary. Paroxysmal.	do	
659	do	25	25	Single	do	Unknown,	-	-	3 years.	The Court	27 months	Discharged	do	Demented.	do	
660	do	26	23	Married	do	Ill health,	-	-	16 months	do	37 months	Remains	do	do	do	
666	Nov'r	4	37	Single	do	Disappointed affection,	-	-	10 years	do	37 months	do	do	do	do	
671	do	15	25	do	Male	Unknown,	-	-	2 years	do	27 months	Discharged	do	do	do	
676	do	20	35	Married	do	Intemperance,	-	-	16 months	do	36 months	Remains	do	do	Foreigner. Pauper.	
678	do	22	33	Single	do	Religious,	-	-	2 years	do	36 months	do	do	Periodical.	Homicidal.	
680	Dec'r	1	61	Widower	do	Domestic affliction,	-	-	22 years	do	36 months	do	do	do	do	
	1838.															
693	Jan'y	3	37	Married	Female	Snuff and tobacco,	-	-	6 years	do	35 months	do	do	do	do	Foreigner. Pauper.
700	do	15	29	Single	Male	Domestic affliction,	-	-	1 year	do	35 months	do	do	Periodical.	do	
715	Feb'y	10	40	Married	do	Religious,	-	-	1 week	do	32 months	do	do	do	do	
718	do	15	68	do	do	Intemperance,	-	-	30 years	The Overseers	32 months	do	do	do	do	
719	do	15	20	Single	Female	Unknown,	-	-	Unknown	The Court	32 months	do	do	Foreigner.	Epileptic.	
720	do	15	50	do	do	do	-	-	do	do	32 months	do	do	do	Pauper.	
722	do	15	30	do	do	Intemperance,	-	-	20 years	do	32 months	do	do	do	do	

TABLE—Continued.

No.	Time of admission	Age when admitted	Married or Single.	Sex	Supposed Cause.	Duration before Admission	By whom committed.	Time spent in the Hospital.	Discharged or Remains.	In what state.	Remarks, Hereditary, Periodical, Homicidal, Suicidal, Labor, &c.
724	1888, Feb'y 24	36	Single	Male	Masturbation,	4 years	The Court	32 months	Remains	Stationary	Periodical.
741	April 11	35	do	do	Ill health,	14 years	do	21 months	Died	do	
742	do 13	26	Married	Female	do	3 months	do	23 months	Discharged	Recovered	
749	May 1	21	Single	do	do	1 year	do	30 months	Remains	Stationary	Labors.
765	do 28	45	Married	do	Intemperance,	5 years	do	27 months	Discharged	Improved	
768	do 30	40	Single	Male	do	10 years	do	20 months	do	Stationary	
780	June 14	64	Widow	Female	Domestic affliction,	5 years	do	20 months	Remains	Improved	Hereditary. Periodical.
783	do 16	32	Married	do	Ill health,	3 months	do	29 months	do	Stationary	
786	do 21	56	do	Male	Religious,	20 years	The Overseers	28 months	Discharged	Improved	
787	do 23	22	do	do	Masturbation,	1 year	The Court	24 months	do	do	
788	do 23	17	Single	Female	do	1 year	do	29 months	Remains	do	do Suicidal.
789	do 24	31	do	do	do	2 years	do	29 months	do	do	
804	July 24	21	do	Male	Unknown,	2 years	do	28 months	do	Stationary	do
815	Arg. 16	20	do	Female	Intemperance,	2 years	do	27 months	do	do	do
814	do 20	24	do	do	Masturbation,	3 years	do	27 months	do	do	do
818	Sept'r 4	33	do	do	Unknown,	Unknown	do	21 months	Discharged	Improved	
820	Oct'r 4	18	do	Female	Domestic affliction,	6 years	do	19 months	do	Stationary	
834	do 20	39	do	Male	Intemperance,	Unknown	do	15 months	Died	do	
836	do 26	19	do	do	Masturbation,	1 year	do	23 months	Discharged	Recovered	Labors.
843	Nov'r 14	49	Widower	do	Loss of property,	6 years	do	24 months	Remains	Stationary	
851	do 20	21	Single	do	Congenital,	21 years	do	24 months	do	do	
853	do 26	20	do	Female	Masturbation,	7 years	do	12 months	Discharged	Improved	Demented. Labors.
856	Dec'r 1	28	Married	do	Unknown,	12 months	do	24 months	Remains	Stationary	
863	do 7	40	Single	Male	do	Unknown	do	19 months	Discharged	Improved	
865	do 8	37	Widow	Female	Epilepsy,	Unknown	do	24 months	Remains	Stationary	Periodical.
866	do 11	28	Single	do	Domestic affliction,	9 years	do	24 months	do	do	do
867	do 12	42	Married	Male	Ill health,	12 years	do	24 months	do	Improved	Suicidal.
870	do 13	23	do	Female	do	6 months	do	14 months	Discharged	Recovered	
871	do 13	30	Single	Male	Religious,	12 months	do	24 months	Remains	Stationary	Labors.
873	do 20	30	do	Female	Unknown,	12 years	do	18 months	Discharged	Recovered	
874	do 21	25	do	do	Ill health,	2 years	do	23 months	Discharged	Stationary	do
875	do 27	62	Married	Male	Masturbation,	18 months	do	23 months	Remains	do	
876	do 28	24	Single	do	Ill health,	3 years	do	23 months	do	Improved	Hereditary.

1839.		No.	Date	Sex	Marital	Cause	Duration	Court	Time	Status	Disposition	Cause
Month	Day											
863	Jan'y	11	25	Male	Single	Intemperance,	12 months	The Court	23 months	Remains	Improved	Labors.
885	do	16	32	Female	Married	Ill health.	10 years	do	23 months	do	Stationary	Epileptic.
888	do	30	56	do	do	Domestic affliction,	12 months	do	11 months	Died	do	
890	Feb'y	6	53	do	do	Ill health,	18 months	do	15 months	Discharged	Improved	
892	do	18	43	do	do	Domestic affliction,	8 months	The Friends	20 months	do	do	
895	March	1	30	do	Single	Ill health,	2 years	The Court	21 months	Remains	do	Labors.
897	do	8	59	Male	Married	Domestic affliction,	4 years	do	21 months	do	do	Suicidal.
902	do	26	22	Female	Single	Ill health,	12 months	do	20 months	do	Stationary	Periodical.
903	do	28	27	Male	Widower	Masturbation,	5 years	do	20 months	do	do	Labors.
905	April	5	53	Female	Married	Domestic affliction,	3 years	do	12 months	Discharged	Recovered	
908	do	10	47	Male	do	Domestic affliction,	5 years	do	12 months	do	Improved	
910	do	17	54	Female	do	Domestic affliction,	2 months	do	20 months	Remains	Stationary	Periodical.
911	do	19	34	do	do	do do	3 years	do	19 months	do	Improved	do
912	do	20	25	Male	Single	Unknown,	8 years	do	19 months	do	do	do
917	May	3	55	do	Widower	Unknown,	2 months	do	7 months	Discharged	Recovered	
918	do	3	24	Female	do	Domestic affliction,	2 months	do	14 months	do	do	
919	do	4	74	Female	Single	Ill health,	2 months	do	17 months	Died	Improved	
920	do	8	22	Male	do	Intemperance,	2 weeks	do	18 months	Remains	Stationary	
923	do	15	60	do	Single	Masturbation,	2 years	do	18 months	do	do	
926	do	16	55	do	Married	Unknown,	30 years	do	13 months	do	do	Hereditary.
927	do	16	20	Female	Widow	do	7 years	do	14 months	Discharged	Recovered	Homicidal.
928	do	21	20	do	Single	Masturbation,	2 years	do	14 months	do	Stationary	
930	do	21	61	do	Widow	Religious,	30 years	do	18 months	Remains	Improved	Suicidal.
931	do	23	37	Male	Married	Unknown,	1 year	do	6 months	Discharged	Recovered	
932	do	25	35	Female	Single	Religious,	2 years	The Friends	12 months	do	do	
936	June	6	19	do	do	Ill health,	1 year	The Court	17 months	Remains	Improved	Periodical.
941	do	14	40	do	Married	do	5 years	do	8 months	Discharged	do	
943	do	17	27	Male	Single	Masturbation	5 years	do	17 months	do	do	
946	do	19	30	Female	do	Ill health,	1 year	do	17 months	Remains	Improved	do
948	do	20	39	Male	Married	Domestic affliction,	5 years	do	17 months	do	do	do
949	do	20	35	Female	Single	Religious,	1 month	The Friends	17 months	do	Stationary	Suicidal.
950	do	22	29	do	Widow	Domestic affliction,	5 years	The Court	17 months	do	Improved	Periodical.
951	do	23	18	Male	Single	Masturbation,	3 years	do	13 months	Discharged	do	
952	do	24	48	Female	do	Domestic affliction,	2 months	do	6 months	do	Recovered	
953	do	24	38	do	Married	do do	2 years	do	17 months	Remains	Improved	
954	July	1	29	do	do	Ill health,	3 months	The Friends	7 months	Discharged	Recovered	Periodical.
956	do	3	30	Male	Single	Masturbation,	5 years	The Court	17 months	Remains	Stationary	
958	do	5	46	Female	do	Domestic affliction,	3 months	do	18 months	Discharged	Recovered	
961	do	9	63	do	Married	do do	5 years	The Friends	17 months	Remains	Stationary	
						Indulgence of temper,	3 years	The Court	17 months	do	Improved	

TABLE—Continued.

No.	Time of admission.	Age when admitted.	Married or Single.	Sex.	Supposed Cause.	Duration before Admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remains.	In what state.	Remarks. Hereditary. Periodical. Homicidal. Suicidal. Labor, &c.
964	1839.	70	Widower	Male	Intemperance,	18 months	The Court	16 months	Remains	Improved	Periodical.
966	July 16	30	Single	do	do	12 months	do	7 months	Discharged	Recovered	
970	do 31	45	Married	Female	Domestic affliction,	12 months	The Overseers	11 months	do	Improved	
971	August 1	75	Single	do	Ill health,	2 years	The Court	14 months	do	do	
972	do 3	36	do	do	Unknown,	12 years	do	16 months	Remains	do	Hereditary. Periodical.
973	do 5	33	do	Male	Masturbation,	9 years	do	16 months	do	Stationary	
974	do 5	37	do	Female	Ill health,	12 months	do	11 months	Discharged	do	
975	do 6	32	Married	Male	Unknown,	6 months	do	11 months	do	Recovered	
977	do 6	25	Single	Female	Ill health,	2 months	do	6 months	do	do	
978	do 14	24	Married	Male	Intemperance,	2 years	do	8 months	do	Improved	
979	do 14	35	Single	do	do	3 years	do	16 months	Remains	Stationary	
980	do 16	42	Married	do	Ill health,	6 months	The Friends	16 months	do	Improved	Suicidal.
982	do 18	65	do	do	Domestic affliction,	12 months	The Court	9 months	Discharged	Recovered	
983	do 19	21	Single	Female	Disappointed affection,	12 months	do	15 months	Remains	Stationary	
986	do 23	42	do	Male	Intemperance,	1 month	The Friends	15 months	do	Improved	Demented.
987	do 23	40	Widow	Female	Domestic affliction,	1 month	The Court	15 months	do	Improved	Hereditary. Periodical.
990	do 28	23	Single	do	Unknown,	10 years	The Overseers	5 months	Discharged	Recovered	
991	do 29	36	Married	do	do	12 months	The Court	15 months	Remains	Stationary	
992	Sept'r 7	49	do	do	Intemperance,	12 months	The Friends	15 months	do	do	Demented.
993	do 9	31	Single	Male	Masturbation,	5 years	The Court	15 months	do	Improved	
994	do 16	23	do	Female	Religious,	13 months	The Overseers	15 months	do	Stationary	
995	do 16	43	Married	do	Domestic affliction,	15 years	The Court	15 months	do	Improved	
996	do 17	53	do	Male	do	6 months	The Friends	4 months	Discharged	do	Periodical.
997	do 17	33	Single	do	Unknown,	2 weeks	The Court	5 months	do	do	
998	do 19	20	do	do	Masturbation,	4 years	do	14 months	Remains	Recovered	Demented.
999	do 20	39	Married	Female	Domestic affliction,	12 months	The Friends	13 months	Discharged	Stationary	
1001	do 23	24	Single	Male	Ill health,	8 months	The Court	14 months	Remains	Recovered	
1003	do 24	30	do	Female	Disappointed affection,	8 years	do	7 months	Discharged	Improved	
1004	do 27	50	Married	do	Unknown,	1 month	do	6 months	do	Stationary	
1005	Oct'r 1	19	Single	Male	Masturbation,	2 months	do	3 months	do	Recovered	
1006	do 2	50	Widow	Female	Ill health,	12 years	do	5 months	do	do	

1007	Oct'r	5	55	Married	Male	Domestic affliction,	-	18 months	The Friends	12 months	Discharged	Stationary	Demented.
1008	do	3	40	Widow	Female	do	-	3 months	do	6 months	do	Recovered	
1009	do	8	35	Married	Male	Intemperance,	-	1 month	do	4 months	Remains	Stationary	
1010	do	10	25	Single	do	Religious,	-	4 months	The Court	2 months	Discharged	Recovered	
1011	do	10	61	Widow	Female	Ill health,	-	1 month	do	8 months	Died	Stationary	
1012	do	10	32	Single	Male	Unknown,	-	2 years	do	6 months	Discharged	Improved	
1013	do	17	19	do	Female	do	-	12 months	do	11 months	do	do	Periodical.
1015	do	18	32	do	do	Ill health,	-	2 weeks	The Friends	11 months	Remains	Improved	Hereditary.
1016	do	22	48	do	do	Domestic affliction,	-	6 months	The Court	2 months	do	do	
1017	do	22	38	Married	Male	Intemperance,	-	2 months	do	5 months	Discharged	do	
1018	do	23	52	Widow	Female	Domestic affliction,	-	3 months	do	12 months	Remains	Recovered	
1019	do	24	38	Single	do	Disappointed affection,	-	20 years	do	4 months	Discharged	Improved	Hereditary.
1020	do	25	19	do	Male	Unknown,	-	5 years	do	11 months	Remains	Recovered	do
1021	do	30	34	do	do	Ill health,	-	5 years	The Overseers	12 months	Discharged	do	
1022	Nov'r	1	33	do	Female	do	-	18 months	The Court	11 months	Remains	Improved	do
1023	do	2	65	Married	do	Unknown,	-	3 months	do	12 months	do	Stationary	Suicidal.
1024	do	2	27	Single	Male	do	-	5 years	do	12 months	do	Recovered	
1025	do	4	36	Married	do	Domestic affliction,	-	1 week	do	8 months	Discharged	do	
1026	do	16	46	do	do	Unknown,	-	Unknown	do	3 months	do	Stationary	
1027	do	18	18	Single	Female	Ill health,	-	2 months	do	4 months	do	Recovered	
1028	do	19	36	do	Male	Unknown,	-	8 years	do	3 months	do	Stationary	
1029	do	19	53	Married	do	Ill health,	-	2 years	do	6 months	Died	do	
1030	do	19	20	Single	Female	do	-	2 weeks	The Friends	8 weeks	Discharged	Recovered	
1031	do	23	42	Married	do	Domestic affliction,	-	16 years	The Court	12 months	Remains	Stationary	
1032	do	29	35	do	do	Unknown,	-	5 months	do	8 days	Died	do	
1033	do	29	45	do	do	Religious,	-	3 months	do	8 weeks	Discharged	Recovered	
1034	do	29	29	do	do	Ill health,	-	4 months	The Friends	14 weeks	do	do	
1035	Dec'r	6	42	do	Male	Religious,	-	2 months	The Court	2 months	do	Recovered	Hereditary.
1036	do	10	40	Single	Female	Domestic affliction,	-	2 months	The Friends	5 months	do	do	
1037	do	10	30	do	Male	Intemperance,	-	3 months	The Overseers	6 months	do	do	Periodical.
1038	do	11	35	do	do	Wound of the head,	-	3 years	The Court	6 months	do	do	
1039	do	18	51	do	Female	Unknown,	-	10 years	The Overseers	4 months	Died	do	
1040	do	23	28	Married	do	Puerperal,	-	9 months	The Court	10 months	Discharged	Recovered	
1041	do	25	35	do	do	Ill health,	-	9 months	The Friends	6 months	do	do	
1042	do	27	38	do	Male	Intemperance,	-	2 years	The Court	12 months	do	do	
1043	do	27	59	Widow	Female	Ill health,	-	18 months	The Friends	3 months	do	Improved	Periodical.
1044	do	31	50	Single	do	do	-	2 years	The Court	10 days	Died	do	

TABLE—Continued.

No.	Time of admission.	Age when admitted.	Married or Single.	Sex.	Supposed Cause.	Duration before Admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remains.	In what state.	Remarks. Hereditary. Periodical. Homicidal. Suicidal. Labor, &c.
1045	1840.										
1046	Jan'y 1	34	Married	Female	Puerperal, -	9 months	The Court	5 months	Discharged	Recovered	Periodical.
1047	do 2	37	Single	Male	Masturbation, -	2 years	do	11 months	Remains	Stationary	do
1048	do 7	63	Married	Female	Ill health, -	6 months	do	4 months	Discharged	Recovered	Blind.
1049	do 10	24	do	do	Puerperal, -	8 months	do	11 months	Remains	Stationary	Hereditary.
1050	do 14	28	do	Male	Domestic affliction, -	1 month	The Overseers	3 months	Discharged	Recovered	do
1051	do 16	47	do	Female	do do [tigue.	2 months	The Friends	6 months	do	Not improv.	Periodical.
1052	do 16	38	Single	Male	Exposure to cold and fa-	12 months	do	14 weeks	do	Improved	do
1053	do 17	36	Married	Female	Domestic affliction, -	2 years	do	6 months	do	Recovered	Periodical.
1054	do 22	40	do	Male	Wound on the head, -	20 years	The Court	11 months	Remains	Stationary	do
1055	do 30	75	do	do	Intemperance, -	12 months	do	4 months	Discharged	Harmless	Hereditary.
1056	Feb'y 3	40	Single	do	Unknown, -	9 months	do	3 months	do	Recovered	do
1057	do 5	35	do	do	do	Unknown	do	10 months	Remains	Stationary	do
1058	do 11	18	do	do	do	4 weeks	do	3 months	Discharged	Recovered	Periodical.
1059	do 12	39	Married	Female	Family trouble, -	2 weeks	The Friends	9 weeks	do	do	do
1060	do 12	23	Single	do	Ill health, -	13 months	The Court	10 months	Remains	Improved	Hereditary.
1061	do 14	17	do	do	Disappointed affection, -	3 months	The Overseers	3 months	Discharged	Recovered	do
1062	do 16	39	Married	Male	Epileptic, -	5 years	The Court	10 months	Remains	Improved	do
1063	do 17	40	do	do	Religious excitement, -	1 month	do	3 months	Discharged	Recovered	do
1064	do 17	49	do	Female	Family trouble, -	6 months	The Friends	12 weeks	do	Improved	Periodical.
1065	do 20	48	do	do	Ill health, -	5 years	The Court	10 months	Remains	do	do
1066	do 20	26	do	do	Bad temper, -	6 months	do	10 months	Discharged	Recovered	do
1067	do 20	41	do	do	Puerperal, -	5 years	do	10 months	Remains	Stationary	do
1068	March 5	36	do	Male	Intemperance, -	14 months	The Overseers	9 months	do	do	do
1069	do 6	21	Single	Female	Unknown, -	5 years	The Court	5 months	Died	do	do
1070	do 9	35	do	do	do	5 years	The Overseers	4 months	Discharged	Improved	do
1071	do 11	33	do	do	do	10 years	The Court	9 months	Remains	do	do
1072	do 16	53	Widower	Male	Domestic affliction, -	1 year	The Friends	9 months	do	do	do
1073	do 19	20	Married	Female	do do	12 months	The Court	3 weeks	Died	do	do
1074	do 19	36	Single	do	do do	3 months	The Friends	5 months	Discharged	Recovered	do
1075	do 23	24	do	Male	Wound on the head, -	6 months	do	9 months	Remains	Improved	do
	do 24	17	do	do	Masturbation, -	2 years	do	9 months	do	do	Hereditary.

1076	March 25	71	Widow	Female	Intemperance,	-	-	3 weeks	The Friends	8 weeks	Discharged	Recovered	Periodical.	Blind.
1077	do 26	66	Married	do	Unknown,	-	-	30 years	The Court	3 months	do	Harmless	do	
1078	do 28	29	Single	Male	Disappointed affection,	-	-	4 months	do	3 months	Remains	Improved		
1079	do 31	32	do	do	do	-	-	13 months	The Friends	3 months	Discharged	do		
1080	April 3	27	do	Female	Unknown,	-	-	3 months	The Court	8 months	Remains	do	Hereditary.	
1081	do 3	29	do	do	do	-	-	4 years	do	8 months	do	Stationary	Periodical.	
1082	do 3	53	Married	Male	Intemperance,	-	-	4 years	do	7 months	Discharged	Recovered	Hereditary.	
1083	do 11	44	Single	Female	Ill health,	-	-	12 years	The Friends	3 months	do	Improved	Hereditary.	
1084	do 14	45	Married	Male	do	-	-	1 year	do	4 weeks	Died	do	Hereditary.	
1085	do 15	24	Single	Female	Family trouble,	-	-	2 weeks	do	4 months	Discharged	Recovered	do	
1086	do 16	62	Married	Male	Ill health,	-	-	18 months	do	7 months	do	do	do	
1087	do 16	57	do	Female	Family trouble,	-	-	-	do	3 months	do	do	Periodical.	
1088	do 17	18	Single	do	Disappointed affection,	-	-	3 months	do	8 months	Remains	Improved	do	
1089	do 18	43	Married	do	Family trouble,	-	-	6 weeks	The Court	3 months	Discharged	Recovered	do	
1090	do 20	45	Widow	do	Unknown,	-	-	16 years	do	3 months	do	do	do	
1091	do 20	40	Married	Male	Ill health,	-	-	6 years	The Friends	8 weeks	do	Not recov.	Hereditary.	
1092	do 21	25	Single	Female	do	-	-	-	The Court	8 months	Remains	Improved	do	
1093	do 22	41	Married	Male	Intemperance,	-	-	-	do	8 months	do	do	do	
1094	do 26	59	do	Female	Periodical,	-	-	1 month	The Overseers	3 months	Discharged	Recovered	do	
1095	do 29	45	Widow	do	Ill health,	-	-	10 years	The Court	3 months	Remains	Improved	do	
1096	May 4	53	Married	do	do	-	-	2 years	do	7 months	do	do	do	
1097	do 6	23	Single	Male	Unknown,	-	-	18 months	do	7 months	do	Stationary	do	
1098	do 7	24	do	do	Masturbation,	-	-	2 years	The Friends	5 months	Discharged	Improved	do	
1099	do 8	45	Married	do	Religious perplexity,	-	-	1 month	The Court	9 days	Died	Stationary	do	
1100	do 8	15	Single	Female	Ill health,	-	-	6 months	The Friends	6 months	Discharged	Recovered	do	
1101	do 12	23	do	Male	Unknown,	-	-	5 years	The Court	13 weeks	do	do	do	
1102	do 12	35	do	do	Indulgence of temper,	-	-	2 years	do	7 months	Remains	Stationary	Hereditary.	
1103	do 13	40	Married	do	Intemperance,	-	-	3 months	do	7 months	do	do	Periodical.	
1104	do 19	40	Single	do	do	-	-	1 month	The Friends	3 months	Discharged	Recovered	Hereditary.	
1105	do 26	32	Married	Female	Unknown,	-	-	4 years	The Court	7 months	Remains	Improved	do	
1106	do 28	16	Single	do	Whooping cough,	-	-	7 weeks	The Friends	4 months	Discharged	Recovered	do	
1107	do 28	33	do	Male	Periodical,	-	-	1 month	The Court	3 months	do	do	do	
1108	do 30	28	Married	Female	Followed fever,	-	-	6 weeks	do	6 months	do	do	do	
1109	June 1	47	do	do	Unknown,	-	-	7 weeks	The Friends	3 months	do	do	Periodical.	
1110	do 8	32	Single	Male	do	-	-	14 years	The Overseers	3 months	do	do	do	
1111	do 8	24	do	Female	Ill health,	-	-	3 years	The Court	6 months	Remains	Harmless	Stationary	
1112	do 9	35	do	do	Periodical,	-	-	-	The Friends	4 months	Discharged	Recovered	do	
1113	do 9	39	Married	do	Domestic affliction,	-	-	-	The Court	6 months	Remains	Improved	do	
1114	do 11	25	Single	Male	Wound of the head,	-	-	2 years	do	6 months	do	do	do	

TABLE—Continued.

No.	Time of admission	Age when admitted	Married or Single.	Sex.	Supposed Cause.	Duration before Admission	By whom committed.	Time spent in the Hospital.	Discharged or Remains.	In what state	Remarks. Hereditary. Periodical. Homical. Suicidal. Labor, &c.
1115	1840.										
1115	June 13	27	Single	Male	Exposure to wet, -	2 months	The Court	6 months	Remains	Improved	Periodical.
1116	do 14	71	Widower	do	Unknown, -	2 months	The Friends	15 weeks	Discharged	Harmless	
1117	do 17	39	Married	Female	Ill health, -	8 months	The Court	6 months	Remains	Improved	
1118	do 18	17	Single	do	do	6 months	The Friends	5 months	Discharged	Recovered	Hereditary. Periodical.
1119	do 19	47	Married	Male	Unknown, -	18 months	The Court	9 weeks	do	do	
1120	do 20	76	Widow	Female	Ill health, -	18 months	do	10 weeks	do	Harmless	
1121	do 22	76	Married	Male	Intemperance, -	1 month	do	6 months	Remains	Improved	
1122	do 23	51	do	Female	Family cares, -	4 months	The Friends	2 months	Discharged	Recovered	Hereditary. Periodical.
1123	do 27	50	Widow	do	Ill health, -	12 months	The Court	6 months	Remains	Improved	
1124	do 29	45	Married	do	do	2 years	The Friends	6 months	do	do	
1125	do 30	27	Single	do	Disappointed affection, -	1 month	do	5 months	Discharged	Recovered	Periodical.
1126	July 3	30	Married	do	Religious, -	9 months	The Court	12 weeks	do	do	
1127	do 8	57	Widow	do	Unknown, -	Unknown	do	5 months	Remains	Improved	
1128	do 9	35	do	do	do	Unknown	do	5 months	do	Stationary	
1129	do 9	47	Married	Male	Hard labor, -	5 months	do	5 months	do	Improved	
1130	do 15	52	Widow	Female	Domestic affliction, -	3 years	do	5 months	do	Stationary	
1131	do 20	45	Single	do	Hereditary, -	4 weeks	The Friends	4 months	do	Stationary	do
1132	do 20	56	Married	do	Periodical, -	3 weeks	The Court	4 months	Discharged	Recovered	
1133	do 21	62	do	Male	Intemperance, -	12 months	do	12 weeks	do	do	Hereditary.
1134	do 21	28	do	do	Political excitement, -	3 months	do	5 months	Remains	Stationary	do
1135	do 22	34	Single	Female	Unknown, -	12 months	do	4 months	Discharged	Recovered	
1136	do 24	33	Widower	Male	Intemperance, -	3 months	do	5 months	Remains	Stationary	
1137	do 25	38	Married	Female	Unknown, -	Unknown	do	5 months	do	Improved	
1138	do 25	48	do	Male	Family trouble, -	6 months	The Friends	5 months	do	Stationary	do
1139	August 3	28	do	Female	Unknown, -	10 years	The Court	7 weeks	Discharged	Recovered	Periodical.
1140	do 7	25	Single	do	Ill health, -	6 years	The Court	4 months	Remains	Improved	
1141	do 7	31	do	do	Religious, -	8 months	The Friends	4 months	do	Stationary	
1142	do 7	20	do	do	Periodical, -	3 weeks	The Friends	3½ months	Discharged	Recovered	Hereditary.
1143	do 8	31	Married	do	do	8 months	The Court	4 months	Remains	Stationary	do
1144	do 12	50	Single	do	Ill health, -	8 years	do	4 months	do	Improved	Periodical.
1145	do 13	49	Married	Male	Intemperance, -	Unknown	do	4 months	do	Stationary	Hereditary.
1146	do 18	40	Single	Female	Periodical, -	1 week	do	4 months	do	do	

1147	Aug.	18	26	Single	Male	Periodical,	-	-	9 years	The Court	4 months	Remains	Improved	Hereditary.
1148	do	19	40	Married	do	Intemperance,	-	-	14 months	do	4 months	do	Stationary	do
1149	do	19	36	do	Female	Ill health,	-	-	1 year	do	4 months	do	Improved	do
1150	do	20	30	Single	Male	do	-	-	1 year	do	4 months	do	Stationary	do
1151	do	25	58	Married	do	Unknown,	-	-	34 years	do	4 months	do	do	do
1152	do	26	25	Single	Female	Ill health,	-	-	9 years	do	4 months	do	do	do
1153	Sept'r	2	23	do	Male	Unknown,	-	-	6 weeks	do	3 months	do	do	do
1154	do	2	19	do	do	Masturbation,	-	-	6 weeks	The Friends	3 months	do	Improved	do
1155	do	3	27	do	Female	Disappointed affection,	-	-	Unknown	do	3 months	do	do	do
1156	do	4	40	Married	Male	Unknown,	-	-	2 years	The Court	3 months	do	do	do
1157	do	4	23	Single	do	do	-	-	2 years	do	3 months	do	Stationary	do
1158	do	7	24	do	do	do	-	-	3 years	do	3 months	do	Improved	do
1159	do	10	45	Married	Female	Family trouble,	-	-	3 months	The Friends	3 months	do	do	Hereditary.
1160	do	10	18	Single	do	Unknown,	-	-	2 years	The Court	3 months	do	do	do
1161	do	12	19	do	Male	Periodical,	-	-	4 weeks	The Friends	3 months	do	Stationary	do
1162	do	12	21	do	Female	Ill health,	-	-	6 months	The Court	3 months	do	do	do
1163	do	14	60	Married	Male	Unknown,	-	-	3 months	do	3 months	do	do	do
1164	do	14	29	Single	do	Domestic trouble,	-	-	4 months	The Friends	3 months	do	do	Periodical.
1165	do	15	31	do	do	Periodical,	-	-	3 years	The Court	3 months	do	do	Hereditary.
1166	do	17	26	do	Female	Idiotic,	-	-	4 months	do	3 months	do	Stationary	do
1167	do	17	23	do	Male	Intemperance,	-	-	2 years	do	3 months	do	do	do
1168	do	18	50	Married	do	Fear of poverty,	-	-	6 months	do	2 months	do	Recovered	do
1169	do	19	46	Single	Female	Unknown,	-	-	25 years	do	2 months	Discharged	Improved	do
1170	do	21	26	do	Male	do	-	-	12 months	do	2 months	Remains	do	do
1171	do	21	34	do	do	Fever,	-	-	2 weeks	do	7 weeks	Discharged	Recovered	do
1172	do	22	47	Married	do	Unknown,	-	-	6 weeks	The Friends	2 months	Remains	Improved	Hereditary.
1173	do	22	23	Single	Female	Amenorrhoea,	-	-	8 months	The Court	2 months	do	Stationary	do
1174	do	26	33	Widower	Male	Family trouble,	-	-	1 week	do	2 months	do	Improved	do
1175	Oct'r	5	56	Married	Female	Ill health,	-	-	1 year	The Friends	2 months	do	do	do
1176	do	6	23	Single	Male	Unknown,	-	-	1 week	do	2 months	do	do	do
1177	do	8	40	Married	do	Pecuniary embarrassm't	-	-	6 months	The Court	2 months	do	Stationary	do
1178	do	10	59	Widow	Female	Spirits and tobacco,	-	-	1 month	do	2 months	do	Improved	Periodical.
1179	do	12	35	Single	do	Unknown,	-	-	20 years	do	2 months	do	Stationary	do
1180	do	14	43	Married	Male	Religious,	-	-	12 months	do	2 months	do	do	do
1181	do	14	50	Single	do	Unknown,	-	-	12 months	do	2 months	do	Improved	do
1182	do	14	46	Married	Female	Family trouble,	-	-	1 month	do	2 months	do	Stationary	do
1183	do	17	41	do	Male	Failure in business,	-	-	7 years	do	2 months	do	do	do
1184	do	21	23	Single	do	Periodical,	-	-	1 week	The Friends	2 months	do	Improved	Hereditary.
1185	do	22	53	Widow	Female	do	-	-	4 weeks	The Court	5 days	Died	do	do

TABLE—Continued.

No.	Time of admission.	Age when admitted.	Married or Single.	Sex.	Supposed Cause.	Duration before Admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remains.	In what state.	Remarks. Hereditary. Periodical. Homicidal. Suicidal. Labor, &c.
	1840.										
1186	Oct'r 23	33	Single	Male	Masturbation,	6 years	The Court	1 month	Remains	Stationary	Periodical.
1187	do 29	68	Widow	Female	Domestic affliction,	6 months	do	1 month	do	do	Hereditary.
1188	do 31	24	Married	do	Puerperal,	2 weeks	do	1 month	do	Improved	do
1189	Nov'r 2	26	Single	Male	Masturbation,	4 years	do	1 month	do	Stationary	do
1190	do 12	30	Married	do	Ill health,	3 years	The Overseers	1 month	do	do	Periodical.
1191	do 14	21	do	Female	Puerperal,	2 1/2 months	The Friends	1 month	do	do	do
1192	do 15	26	Single	Male	Ill health,	13 years	The Court	15 days	do	do	Hereditary.
1193	do 23	45	Married	Female	Family trouble,	12 years	do	7 days	do	do	do
1194	do 27	23	Single	Male	Ill health,	2 years	The Friends	3 days	do	do	do
1195	do 30	21	do	Female	Periodical,	2 weeks	do	1 day	do	do	do
1196	do 30	50	Married	do	Ill health,	13 years	The Court	1 day	do	do	Hereditary.

Another fiscal year of the State Lunatic Hospital has closed, and we present our *Eighth Annual Report*.

The past year has been a season of prosperity, affording an unusual proportion of recoveries, almost entire exemption from acute disease, no accident, and comparatively few deaths.

The success of our efforts in this field of benevolence calls loudly for gratitude to our Heavenly Benefactor, whose smiles have ever attended our labors.

Nearly *eight* years have now passed away, since this Hospital was made the receptacle of the insane, during which time there have been received, *eleven hundred and ninety-six* patients; discharged, *nine hundred and sixty*, including deaths; of which *five hundred and six* have recovered, leaving at present *two hundred and thirty-six* inmates, filling, and more than filling, every apartment designed for their occupancy.

As it is made the duty of the Superintendent to present a tabular report annually to the Trustees, I have endeavored, in the preceding tables, to condense as much statistical information as possible, that the nature and benefit of the institution may be correctly appreciated.

Compared with a number of similar institutions in Great Britain, we have reason to be gratified with our success in promoting the recovery of the insane, and especially with our great exemption from mortality.

The following table is from a work recently published in London, by Dr. Crowther, giving the per cent. of recoveries and deaths in thirteen public institutions in that kingdom.

		Admitted.	Recovered.	Per cent. of Recoveries.	Died.	Per cent. of Deaths.
Bedford, - -	5 years,	191	61	31.9	29	15.1
Cheshire, - -	5 do	209	87	41.6	44	21
Cornwall, - -	5 do	175	80	45.7	34	19.4
Dorset, - -	4 do	145	41	28.2	15	10.3
Gloucester, - -	5 do	268	156	58.2	25	9.3
Kent, - -	3 do	254	35	13.8	45	18.8
Lancaster, - -	5 do	779	301	38.6	396	50.8
Middlesex, - -	5 do	1183	181	15.3	326	27.5
Norfolk, - -	5 do	293	127	43.3	135	46
Nottingham, - -	5 do	274	100	36	42	15.3
Stafford, - -	5 do	634	295	46.6	110	17.3
Suffolk, - -	5 do	362	167	46.1	104	28.7
West Riding, - -	5 do	709	303	42.7	257	36.2

In the State Lunatic Hospital for the *eight* years which we now report, we have received *eleven hundred and ninety-six* patients, of whom *five hundred and six* have recovered, *forty-two and three-tenths* per cent., *ninety* have died, which is about *seven and one-half* per cent.

The average recovery, in the *thirteen* British institutions, is *thirty-seven and five-tenths* per cent., and the average deaths, *twenty-seven and three-tenths*.

The Middlesex asylum, near London, received, in *five* years, *eleven hundred and eighty-three* patients, had *one hundred and eighty-one* recoveries, and *three hundred and twenty-six* deaths.

In the State Lunatic Hospital, *eleven hundred and ninety-six* patients have been received, *five hundred and six* recovered, and *ninety* died.

The success of our efforts in the field of lunacy has been a subject of much interest to the public, and it has been a matter of course to compare our results with those of other institutions. It is gratifying to find that our success is not less than that of our fellow institutions, and especially with our great experience.

As it is made the duty of the Superintendent to present a regular report annually to the Trustees, I have endeavored, in the preceding tables, to condense as much statistical information as possible, and the minute and details of the institution may be correctly ascertained.

Compared with a number of similar institutions in Great Britain, we have reason to be gratified with our success in promoting the recovery of the insane, and especially with our great experience.

The following table is from a work recently published, and has been prepared by Dr. Crichton, giving the per cent. of recoveries and deaths in thirteen public institutions in Great Britain.

Year	No. of Patients	No. Recovered	No. Died	Per cent. Recovered	Per cent. Died
1857	100	30	10	30	10
1858	100	35	12	35	12
1859	100	40	15	40	15
1860	100	45	18	45	18
1861	100	50	20	50	20
1862	100	55	22	55	22
1863	100	60	25	60	25
1864	100	65	28	65	28
1865	100	70	30	70	30
1866	100	75	32	75	32
1867	100	80	35	80	35
1868	100	85	38	85	38
1869	100	90	40	90	40
1870	100	95	42	95	42
1871	100	100	45	100	45

TABLE I.

*Showing the number of Admissions, and the state of the Hospital, from
December 1st, 1839, to November 30th, 1840.*

Patients in the Hospital in the course of the year, - - -	391		
Males, - - -	190		
Females, - - -	201—391		
At the commencement of the year, - - -	229		
Males, - - -	113		
Females, - - -	116—229		
Admitted in the course of the year, - - -	162		
Males, - - -	75		
Females, - - -	87—162		
Old, - - -	87		
Recent, - - -	75—162		
Remain at the end of the year, - - -	236		
Males, - - -	122		
Females, - - -	114—236		
Old, - - -	208		
Recent, - - -	28—236		
Patients admitted, - - -	162	Patients now in the Hospital,	236
Males, - - -	75	Males, - - -	122
Females, - - -	87—162	Females, - - -	114—236
Cases of less duration than		Cases of less duration than	
1 year, - - -	75	1 year, - - -	28
Males, - - -	28	Males, - - -	14
Females, - - -	47—75	Females, - - -	14—28
Cases of longer duration		Cases of longer duration	
than 1 year, - - -	87	than 1 year, - - -	208
Males, - - -	46	Males, - - -	107
Females, - - -	41—87	Females, - - -	101—208
Cases admitted by the Court, 105		Applications not received, 99	
" " Overseers, 9		From this State, - - -	58
" " Friends, 48		Males, - - -	29
		Females, - - -	29—58
Foreigners in the Hospital		From other States, - - -	41
in the course of the year, 30		Males, - - -	21
Males, - - -	18	Females, - - -	20—41
Females, - - -	12—30		—99
Natives of other States,			
Males, - - -	12		
Females, - - -	7—19		
	—49		

From this table may be seen, that, in the course of the past year, there have been in the Hospital *three hundred and ninety-one* patients, *one hundred and ninety* of whom were males, and *two hundred and one* females. *Two hundred and twenty-nine* remained at the close of the year, *one hundred and thirteen* males, and *one hundred and sixteen* females.

There have been admitted, in the course of the year, *one hundred and sixty-two* patients, *seventy-five* males, and *eighty-seven* females; *eighty-seven* of which were old cases, and *seventy-five* were recent cases.

There remain, at the end of the year, *two hundred and thirty-six* patients, *one hundred and twenty-two* of whom are males, and *one hundred and fourteen* females. *Two hundred and eight* of these cases are of more than *one* year's duration, and *twenty-eight* of them of less duration than *one* year.

Of the old cases, *one hundred and seven* are males, and *one hundred and one* are females.

There have been *one hundred and five* cases admitted by order of courts, *nine* by overseers, and *forty-eight* by friends, usually denominated private boarders.

There have been in the Hospital, during the year, *forty-nine* persons not residents in this State, *thirty* of whom were FOREIGNERS, *eighteen* males, and *twelve* females; *nineteen* were natives of other states, *twelve* males, and *seven* females.

The applications for admission at the Hospital, not received, have been *ninety-nine*, *fifty-eight* from this State, *twenty-nine* males, and *twenty-nine* females; *forty-one* from other states, *twenty-one* males, and *twenty* females.

TABLE 2.

Showing the number of Discharges and Deaths, and the condition of those who have left the Hospital, from December 1st, 1839, to November 30th, 1840.

	No. of each sex	Recov-ered.	Im-prov'd	Not im-proved.	Harm-less.	Want of room.	Died.	Total.
Patients discharged, 155								
Males, - -	68	28	15	19	7	12	6	
Females, - -	87	54	14	10	7	3	9	
	<u>155</u>	<u>82</u>	<u>29</u>	<u>29</u>	<u>14</u>	<u>15</u>	<u>15</u>	155
Patients discharged of duration less than 1 year, - - 70								
Males, - -	25	23	1	0	0	0	1	
Females, - -	45	41	1	0	0	0	3	
	<u>70</u>	<u>64</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	70
Patients discharged of duration more than 1 year, - - 85								
Males, - -	43	5	13	19	7	12	5	
Females, - -	42	13	13	10	7	3	6	
	<u>85</u>	<u>18</u>	<u>26</u>	<u>29</u>	<u>14</u>	<u>15</u>	<u>11</u>	85

There have been discharged, in the course of the last year, *one hundred and fifty-five* patients, *sixty-eight* males, and *eighty-seven* females. Of these, *eighty-two* had recovered, *twenty-eight* males, and *fifty-four* females. *Twenty-nine* had not improved, but were discharged as harmless, and for want of room; of these, *nineteen* were males, and *ten* were females. *Fifteen* have died, *six* males, and *nine* females.

Of the patients discharged, *seventy* had been insane less than *one* year, *twenty-five* males, and *forty-five* females; of this number, *sixty-four* recovered, *twenty-three* males, and *forty-one* females; *two* were improved, *one* male, and *one* female; and *four* died, *one* male, and *three* females.

Of the patients discharged, *eighty-five* had been insane more than *one* year, *forty-three* males, and *forty-two* females; of these, *eighteen* recovered, *five* males, and *thirteen* females; *twenty-six* were improved, *thirteen* males, and *thirteen* females; *twenty-nine* were not improved, mostly harmless, or sent to Boston to enter the new Hospital, being

paupers, supported by the city, and belonging to Boston; of these, *nineteen* were males, and *ten* were females; *eleven* have died, *five* males, and *six* females.

Of the deaths that have occurred in the course of the year, *one* took place in *five* days after admission, of apoplexy; *one* in *nine* days, a case of inflammation of the brain, with delirium, mistaken for mania, and an improper subject for an insane Hospital; *one* in *ten* days after admission, also an improper subject, completely paralyzed, when she came to the Hospital, deprived of sense, and the power of motion, by previous disease, and the fatigue and suffering of a journey of *seventy* miles, on a cold day in winter. Another patient died in *eight* days after a long journey in winter, so insane that the best efforts of her friends could not prevent her suffering. *Two* others were brought in a hopeless state, with incurable disease upon them, *one* of these survived *three* weeks, and the other, *four*.

In an institution like the State Lunatic Hospital, such cases must always be found, and having no power to exclude any who come by authority of courts, will always be liable to receive improper subjects and to have its catalogue of deaths enlarged. Notwithstanding these disadvantages, the per cent. of deaths in the Hospital has been less than *eight* on the whole number of patients admitted.

TABLE 3.

Showing the number of Admissions and Discharges each month of the year.			Average of Patients in the Hospital, each month in the year.		
	Admitted.	Discharged.	Monthly Average.		
December,	10	14	December,	-	223 $\frac{2}{3}$
January,	10	15	January, -	-	220 $\frac{1}{4}$
February,	12	6	February,	-	227
March,	13	12	March, -	-	225
April,	16	16	April, -	-	226
May,	13	16	May, -	-	226 $\frac{1}{4}$
June,	17	9	June, -	-	229
July,	13	22	July, -	-	228
August,	14	11	August, -	-	226
September,	22	8	September,	-	236 $\frac{2}{3}$
October,	14	12	October, -	-	241
November,	8	14	November,	-	238 $\frac{1}{2}$
	162	155	Yearly Average,		229

This table shows the number received and discharged the past year, the number that came in, and the number that left the Hospital each month, and the average number each month, and for the year. The number admitted is *one hundred and sixty-two*, and the number discharged, *one hundred and fifty-five*, making an aggregate of *three hundred and seventeen* patients, amounting to more than *one* change every business day of the year. During the last *three* years, there have been admitted into the Hospital *five hundred and eighteen* patients; and discharged, in various ways, *four hundred and sixty-seven*.

The average number of patients the last year was *two hundred and twenty-nine*, greater by *six* nearly, than the year before. We have recently had on our list of patients, almost constantly, from *ten* to *fifteen* more than we had rooms to accommodate them, and closed the year with *two hundred and thirty-six*.

TABLE 4.

Statistics of the State Lunatic Hospital, from January, 1833, to November 30th, 1840.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	Total.
Whole number of Patients admitted, - - -	153	119	113	125	168	177	179	162	1196
Discharged, includ'g deaths and elopements, - -	39	115	112	106	121	144	168	155	960
Discharged recovered, -	25	64	52	58	69	76	80	82	506
Discharged improved, -	7	22	23	17	23	24	29	29	174
Died, - - - -	4	8	8	8	9	16	22	15	90
Eloped, - - - -	1	1	1	1	0	0	0	0	4
Patients in the Hospital in the course of each year,	153	233	241	245	306	362	397	391	1196
Patients remaining at the end of each year, -	114	118	119	138	185	218	229	236	0
Males admitted, - -	96	79	51	66	94	96	80	75	637
Females admitted, - -	57	39	62	59	75	81	99	87	559
Males discharged, - -	19	58	57	56	66	74	66	68	463
Females discharged, - -	15	48	46	41	47	54	80	87	418
Males died, - - -	3	5	4	6	6	10	14	6	54
Females died, - - -	1	3	4	2	3	6	8	9	36
Patients sent by Courts, -	109	55	89	117	129	123	123	105	0
Private, - - - -	44	64	21	8	39	54	56	56	0
Recoveries :									
Males, - - -	13	33	27	32	37	45	32	28	247
Females, - - -	12	31	25	26	32	31	48	54	259
	25	64	52	58	69	76	80	82	506
Average in the Hospital each year, - - - -	107	117	120	127	163	211	223	229	

For *two* or *three* years past, a table has been prepared, which may be considered a summary of all that occurs at the Hospital. It is a condensed view of our state from year to year. It shows the number of admissions, discharges, deaths and recoveries, that have taken place since the Hospital was opened. From it we learn that the whole number of males admitted has been *six hundred and thirty-seven*, the number of females, *five hundred and fifty-nine*. The number of males discharged has been *four hundred and sixty-three*, and the number of females discharged has been *four hundred and eighteen*. The recoveries of males have been *two hundred and forty-seven*, and the recoveries of females, *two hundred and fifty-nine*. The deaths have been *fifty-four* males, and *thirty-six* females.

The average number of patients has increased every year to the past, but it cannot be expected in future, as the average of the past year has been such as to keep every room, of all descriptions, full, every day of the year.

The recoveries of males, exclusive of deaths, have been *fifty-one and one-fifth* per cent. of the discharged; the recoveries of females have been a little short of *sixty-two* per cent. of the discharged; average, *fifty-seven* per cent.

TABLE 5.

Duration of Insanity with those remaining in the Hospital, December 1st, 1840.		Ages of Patients in the Hospital, December 1st, 1840.			
Less duration than one year,	28	Under 20, - - - -			6
From 1 to 2 years, - -	23	From 20 to 25, - - -			26
“ 2 to 5 “ - - -	55	“ 25 to 30, - - -			33
“ 5 to 10 “ - - -	56	“ 30 to 35, - - -			29
“ 10 to 15 “ - - -	40	“ 35 to 40, - - -			37
“ 15 to 20 “ - - -	11	“ 40 to 45, - - -			30
“ 20 to 25 “ - - -	11	“ 45 to 50, - - -			23
“ 25 to 30 “ - - -	3	“ 50 to 55, - - -			17
Over 30, “ - - -	5	“ 55 to 60, - - -			9
Unknown, - - -	4	“ 60 to 65, - - -			9
		“ 65 to 70, - - -			9
		“ 70 to 75, - - -			3
		Over 75 - - - -			1
		Unknown, - - - -			4
	236				236

It will be seen, by this table, that the proportion of recent cases of less duration than *one* year, is small in comparison, being only *twenty-eight* of *two hundred and thirty-six*.

The number of recent cases remaining the same, there must be a change, at least, *three* times a year, to make a list of *sixty-four* recoveries annually. Were it not that provision has been made for removing the harmless and violent incurable cases, the Hospital would have long since been filled with incurables, almost to the entire exclusion of recent cases; notwithstanding that many such have been removed, particularly, all the paupers from the city of Boston to their new hospital, the proportion of old cases is greater at the close of this year, than the last. It is exceedingly desirable that all persons insane should find accommodations in hospitals; but, if any must be excluded, the old and hopeless cases, the demented and idiotic had better be with their friends, and in other places of security and comfort, to afford to the recent cases that may occur in the community the best chance to recover. *Three* curable cases occupy but the place of *one* old one, each year; on this rule, in the place of *one* old and hopeless case of insanity, occupying an apartment from the time the Hospital was opened, at least *twenty* recent cases would occupy the same room, and have recovered, and returned to friends and usefulness in society. While we should be careful, then, to retain all old cases that will be likely to suffer, and be neglected abroad, it is exceedingly desirable that all recent cases should find early admission to the Hospital, on the most favorable terms, that the greatest good may be done to the greatest number of sufferers, and society and families be benefited by the restoration of valuable members.

The Hospital commenced the last year with *two hundred and twenty-nine* patients, and closed with *two hundred and thirty-six*, a difference of *seven*. The average of the previous year was *two hundred and twenty-three*, and a fraction: this year the average has been *two hundred and twenty-nine*, a difference of about *six*.

There are, at present, *fifty-one* patients in the Hospital, who have been insane less than *two* years, and *one hundred and eighty-five*, who have been insane from *two* to *thirty* years.

TABLE 6.
Classification of Insanity.

	Whole Number.	Each Sex.	Curable.	Total of Curable.
Mania, - - -	585			
Males, - - -	-	312	188	
Females, - - -	-	273	187	375
Melancholia, - - -	375			
Males, - - -	-	181	103	
Females, - - -	-	194	111	214
Dementia, - - -	164			
Males, - - -	-	100	4	
Females, - - -	-	64	4	8
Idiots, - - -	9			
Males, - - -	-	8	0	0
Females, - - -	-	1	0	0

A few cases not classified.

All divisions of insanity into nosological classes, are somewhat arbitrary. In looking over our list, it is not easy to say, where many cases should be classed. Many cases commence with high maniacal excitement, and result in deep and distressing melancholy; others are dull, desponding, and gloomy, for a longer or shorter period, and then become greatly excited for a season before the mind assumes a proper balance.

So also many recent cases appear demented for some time, and come out gradually from a state, which, if it had existed long, would be considered utterly hopeless; such cases *we* do not class with the demented, although others may do so; many such cases recover, and return to perfect health and a sound mind.

There have been *five hundred and eighty-five* cases of mania in the Hospital, of which *three hundred and seventy-five* have recovered or are considered curable, which is *sixty-five and three fifths* per cent. There have been *three hundred and seventy-five* cases of melancholy in the Hospital, of which *two hundred and fourteen* have recovered, or are considered curable, which is about *fifty-seven* per cent. There have been in the Hospital *one hundred and sixty-four* cases demented, of which only *eight* have recovered, which is but *five* per cent. As before observed, others may class a different set of cases under dementia, which will make a great difference in the per cent. of recoveries in cases of this description.

TABLE 7.

Statistics of the different Seasons.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	Total.
Admissions in winter, -	27	26	24	23	26	46	39	32	243
Admissions in spring, -	71	35	31	36	49	46	38	42	348
Admissions in summer, -	21	30	30	42	40	47	59	44	313
Admissions in autumn, -	21	28	28	24	53	38	43	44	279
Discharges in winter, -	0	22	21	20	15	18	36	35	167
Discharges in spring, -	7	33	30	33	38	37	43	44	265
Discharges in summer, -	10	28	31	24	30	43	55	42	263
Discharges in autumn, -	24	24	22	21	38	32	34	34	229
Recoveries in winter, -	0	12	14	11	10	15	13	18	93
Recoveries in spring, -	0	20	13	14	17	23	24	22	133
Recoveries in summer, -	9	16	16	12	15	18	24	20	130
Recoveries in autumn, -	16	15	12	20	27	20	20	22	152
Deaths in winter, - -	0	3	1	0	1	3	5	6	19
Deaths in spring, - -	2	2	2	1	2	5	5	6	25
Deaths in summer, - -	2	3	2	4	1	5	7	1	25
Deaths in autumn, - -	0	0	3	3	5	3	5	2	21

It is interesting to know in what manner the seasons affect the insane, to ascertain which, this table was made out. No very important conclusions can be drawn from the records here presented.

The number of admissions has been greatest in spring, and the number of discharges equal or nearly so in spring and summer. Autumn has afforded the greatest number of recoveries, and spring and summer the greatest number of deaths.

The temperature of the Hospital is so uniform, that we are greatly exempt from the diseases arising from changes of temperature, and indeed, from most acute diseases.

With *twelve hundred* patients, we have had but *three* cases of pleurisy or lung fever in the Hospital; and of *ninety* deaths, *ten* only have been the result of acute febrile disease or inflammation.

TABLE 8.

Causes of Insanity.

Intemperance,—Males, 164	Hereditary, or having insane	
Females, 21—185	ancestors or near kindred, 361	
Ill health, - - - 185	Periodical, - - - 239	
Masturbation, - - - 103	Homicidal, - - - 18	
Domestic afflictions, - - - 129	Actual Homicides, - - - 13	
Religious, - - - 84	Suicidal, or having a strong	
Loss of property, fear of pov-	propensity to self destruc-	
erty, &c. - - - 71	tion, - - - 134	
Disappointed affection, - - - 53	Actual suicides, - - - 5	
Disappointed ambition, - - - 27		
Epilepsy, - - - 35	Of 663 cases that have been	
Puerperal, - - - 30	examined,—	
Injuries of the head, - - - 16	Have dark complexion, hair	
Abuse of snuff and tobacco, 7	and eyes, - - - 344	
	Light complexion, hair and	
Arising from physical causes, 567	eyes, - - - 319	
Arising from moral causes, 364		

There is no subject connected with insanity more interesting than the CAUSES of it. Of these the first inquiry is made in every case; its importance, both to the case itself and to the community, is not over estimated. There are difficulties connected with it, however, that increase the obscurity beyond that of most other diseases.

Insanity often comes on slowly and imperceptibly; the workings of disease are hidden from our view, and the real cause actually lies behind the apparent one. In this way intemperance, religious feeling, the solitary vice, and many others, are the supposed causes, when in fact they are only the effect of the first impulses of disease; so often is this true of the latter cause, that in my reports, (and I find some of my friends have done the same,) I have always said, "produced or perpetuated" by this cause.

That they all are fruitful causes of insanity, however, is undeniable, and perhaps, although they may sometimes be wrongfully accused, they may, nevertheless, not be more frequently applied than the truth will warrant. It is doubtless often true that one cause does not come alone in the production of insanity.

Ill health, the derangement of a man's affairs, misfortunes of one kind or another, afflictions, disappointments, often come in clusters,

and their combined influence disturbs that condition of the brain and nervous system upon which the integrity of the mind depends.

There is another difficulty, hardly less formidable, in arriving at the true cause of insanity; it is the unwillingness of friends to disclose all they know of the origin and progress of the disease; this is particularly true of all causes which are considered disreputable. In all cases we get the best information in our power, and make our record accordingly.

Intemperance still stands at the head of our list, having produced *one hundred and eighty-five* cases in the whole, and added *fourteen* the last year, to the previous number.

To ill health are also attributed *one hundred and eighty-five* cases; this is rather a compound than a simple cause, embracing wounds of the head, and all varieties of disease that affect the nervous system, either directly or remotely. This is also a cause that is not considered disreputable, and we are able to get at it more easily than many others of a different description; for this reason it may sometimes be assigned as a cause, when in reality it is not so. The remarks applicable to ill health apply with equal propriety to domestic affliction, for under this term are also collected a number of influences, similar in effect, but unlike in kind; and if any serious evil of this kind has occurred to a patient, it may not unfrequently be assumed as a cause when some other less prominent influence has given rise to the disease.

The large number of cases denominated *hereditary*, require a passing remark; strong constitutional tendencies, derived from ancestors, affecting physical condition and mental and moral development, are discoverable more or less in all mankind; certain forms of disease affect certain families, and none more than insanity. This is what is, in these reports, denominated hereditary predisposition. It is not necessary to the existence of this influence upon the offspring, that the parents be actually insane, but that they, having peculiarity of nervous constitution, have entailed on their descendants this predisposition so strongly, that it exhibits itself in *one* or *many* of their descendants.

In many reports hereditary predisposition is placed, in some cases, as the sole cause of insanity; I question greatly whether this is ever true; in my opinion there must be some exciting cause in all cases to bring into action this latent constitutional principle before disease is actually developed; when individuals are predisposed to this, or any other disease, they should studiously avoid these exciting causes, by which course they may generally be safe; they cannot always do this

effectually, but in a large proportion of instances they will, by great prudence, keep clear of this great calamity.

Many medical men disbelieve wholly in hereditary predisposition, while others refer to it half the evils that "flesh is heir to;" the truth in this, as in most other cases, probably lies between.

The following cases, from one family, have come under my care in the course of the last twelve months.

Towards the close of November, 1839, a young woman aged *eighteen* was brought into the Hospital in a state of complete dementia; she was not conscious where she was, nor who were around her; she would remain statue-like wherever she was placed, and neither ate nor drank, nor attended to the calls of nature, without being fed, or moved, by others; she gradually improved under efficient medical treatment, and in *four* months, some time in March, she returned to her friends, completely recovered.

In April following, a little more than a month after this young woman left the Hospital, her mother was brought to our care, in a situation nearly like that of her daughter. Nothing could be worse than the situation of this woman. She improved slowly at first, but rapidly afterwards, and at the end of *three* months was restored to health and soundness of mind. She also returned to her home, and gave joy to afflicted friends in a restoration perfect and entire. She left the Hospital towards the close of July.

In October, a son of the last named patient, and own brother of the first, aged *twenty-two*, was brought to the Hospital a furious maniac. The case was a bad one, the excitement continued long and severe: he is now improving favorably, with a fair prospect of recovery.

Before there was any essential amendment in this last formidable case, another victim, from the same devoted household, came to our charge; the sister of the last named, and daughter of the one preceding, an interesting young woman of *twenty-four* years of age; and this was the worst case of all, for, in addition to common symptoms, was the debility and susceptibility of the puerperal state; her infant was one week old only, when the symptoms of this formidable species of mania were rapidly developed; the excitement was extreme, the mind perfectly chaotic, and jactitation so great as to require, in addition to restraint usual in such cases, the active vigilance of two experienced nurses. This patient is now convalescing, and we have reasonable ground to hope that both the brother and sister will return in less than a year from the time of the first sister's complete recovery: so

that the *four* may be in a hospital, in the very worst circumstances, and all be well, in *one* year.

Such cases as this are rare, although it is by no means uncommon that as many individuals of *one* family are successively insane.

Some time in the year 1838, a young lady was taken suddenly insane, on a journey to the west; she was detained a few days in one of the institutions in the middle states. In a few weeks she was brought to our care; before there was any change in the case, a brother was also brought to the Hospital, who had been long insane, but who had then frozen his feet so badly that his friends determined to afford him better winter quarters; before the necessary arrangements were made, however, mortification commenced in the frozen feet, and by the time he reached the Hospital he was in a dying state, and did not survive his journey *twenty-four hours*. The sister convalesced favorably, but by this and other trials, relapsed, and was again as bad as ever. Before she became calm and tranquil again, another sister, older than herself, was brought to the Hospital; the case was violent, but the amendment rapid, and in a few weeks she was recovered, and went to her friends before the sister first committed was entirely well; the latter continued to convalesce, and was finally completely restored to sanity of mind. Before she finally left the Hospital, a messenger came to us, post haste, to say that another brother of this afflicted woman was a furious maniac; papers were immediately prepared for his admission to the Hospital; before the messenger arrived with them this brother died in the greatest possible excitement.

The sister who endured all this affliction, steadily convalesced and has since returned to her friends, quite well.

The evidence of a constitutional predisposition to insanity, in such cases, is too strong to be resisted; but the strength and activity of the hereditary taint is very different in different cases, and in different individuals in the same family.

All cases that have had a recurrence of insanity, once or more than once, are placed in the table as periodical: the interval between these occurrences is extremely various; from a few months to many years. Strictly, the term periodical should be applied to such cases only, as recur at regular periods. There are many such cases; but they hardly amount, as far as we have known, to *ten* per cent. of the number in the table.

In the British Report, much is said about relapse; *one third*, and in some instances, *one half* their cases relapse. I am not able to say,

what is the precise meaning which they attach to this word. From the very great number of relapses reported by some of their institutions, I have supposed that any recurrence of insanity, after one attack, was considered a relapse.

In my opinion, this is a wrong view of the case. If, on a patient's return from an institution as recovered, some traces of disease are found to remain, or if, after a certain period of appearing quite well, the symptoms of insanity recur before perfect health has been established, it is, strictly speaking, a *relapse*. But if the period of a year, or many years, elapses before this recurrence takes place, and the individual has enjoyed a rational mind the whole time, and pursued his occupation, and appeared to all around him a rational being, the recurrence should not be called a relapse. The rule applicable to other diseases is applicable to insanity. No physician considers a second attack of pleurisy, rheumatism, or colic, a relapse, if months, and particularly if *one* or more years have elapsed between the two attacks; although the predisposition or susceptibility is much increased by this first attack, and a second will occur from a much slighter cause.

In case the individual is exposed a second time to the cause of insanity, which produced the disease in the first instance, such as intemperance, disappointment in business, domestic affliction, or ill health, there would be the strongest reason to believe, that the disease was wholly of new origin, independent entirely of the previous attack.

The true physiological view of the case is this: certain derangements of the brain and nervous system produce insanity of one kind or another; while these derangements continue, insanity continues with as much certainty as lameness continues from gout or rheumatism; when this derangement is removed, so that the functions of the brain and nerves are restored, then insanity disappears, as lameness disappears when the inflammation of gout or rheumatism subsides.

I present these views to explain the table, and to show the rule adopted by us relative to relapses and periodicity.

Since the opening of the Hospital, we have had *thirteen* patients who have actually attempted homicide; except in *two* instances, the dangerous wounds inflicted proved fatal; *eleven* were immediately fatal. Of these, *two* have died, and *two* have been discharged recovered—in both instances, by the high courts of the Commonwealth.

It is a question of very serious import, whether an insane man, who has taken life in the excitement and from the impulse of his disease, should ever be enlarged. If he has not recovered from his insanity,

the case to me is a clear one ; the tendency to a recurrence of the act would be very strong, the circumstances of the case being the same. Every case of insanity has its peculiarities,—the appetites, propensities, and passions are affected in different ways, in different cases. We will not stop to inquire, whether this arises from different conformation of the brain in different individuals, the fact is undeniable. One will tear his clothes and bedding, one will ornament his person, another will besmear himself with all kinds of filth ; in one, benevolence will be active, in another a propensity to mischief will predominate ; in a few the propensity is to kill, although such individuals may be generally harmless, yet at periods they are not so ; and in many cases these impulses are so sudden that no precautions can prevent danger. Other cases, no less unsafe, are those who suppose that they are commissioned to execute the commands of Heaven by destroying a fellow-being ; their plans are devised and executed with so much art and secrecy, that no vigilance will detect the danger, the fatal stroke is struck without warning, and the hapless victim knows not the agent that has inflicted the deadly blow.

All such cases should be perpetually confined ; no argument should weigh for a *moment* with a court of justice in favor of liberating such an individual. The fact that life has been taken, should overbalance all motives to send such a person into society again while the delusions and estrangements of insanity continue.

There is another case which, if not as clear, is one in which the propriety of liberation is very questionable,—it is a case of insanity arising from a specific cause, liable to recur at any time when that cause is brought to operate, in which the first impulse is a desire or disposition to kill. It is extremely questionable, whether such an individual should be permitted to have liberty again ; in my view all right to liberty is forfeited by such an act, unless there is the clearest evidence of entire restoration, and the strongest probability that the cause of the disease will hereafter be avoided. If the cause is a voluntary one, the case is rendered still stronger as, in general, there is a greater probability of its future influence than such as are strictly involuntary. By voluntary causes I mean intemperance, the secret vice, speculation, and all others that it is in the power of the individual to avoid.

In the course of the last year, *two* cases of homicidal insanity were discharged from the Hospital. One was an unfortunate female, who, under the delusions of disease, supposed it her duty to destroy her children, to rid them from the suffering and degradation of living with

a drunken, worthless, and abusive parent. She inflicted dreadful wounds on two lovely children, and also on a female friend who went to their rescue; fortunately, but very unexpectedly, all recovered, and she was saved the agonizing suffering which must have unavoidably been her portion, if, on recovering, she had found that her own offspring had been destroyed by her own hand. She was not conscious for a long time what she had done, but had a dreamy impression that she had assailed and wounded her children; she hoped, and half believed, it was a dream. When far advanced toward recovery, a violent patient got angry with her, and called her a "murderer;" the dreadful reality flashed upon her mind and she was in an agony of suffering. I was sent for; after awhile she was quieted, and heard with composure the truth of the case; the circumstance that the children were living and well, was impressed forcibly upon her mind—had it been otherwise, had they died, I now fear that her mind would have been entirely overset by the intelligence. She recovered very favorably, and went to her friends in the care of her judicious spiritual guide, and has since lived happily in the enjoyment of her children, a most exemplary and worthy woman.

The other case was a temporary violent insanity, the result of intemperance. The man was under a delusion that a voice came to him from one whom he felt bound to obey, commanding him to take an axe and destroy a neighbor, to whom he was not at all hostile, with all possible despatch. He executed the bloody deed, and was immediately arrested and placed in confinement, from whence, by order of court, he was soon transferred to the Hospital; by this time the delusion and the insanity had departed. *One year* after his confinement, application was made to the Supreme Court for his discharge, but the discharge was not granted; *six months* after, the Court of Common Pleas granted his release. He will probably be a safe man till he returns to his cups; if he should again become intemperate, neither his friends nor the community will be for a moment secure from danger.

TABLE 9.

Occupation.

Farmers, - - -	145	Innkeepers, - - -	2
Laborers, - - -	106	Stevedores, - - -	2
Shoemakers, - - -	47	Stonecutters, - - -	2
Seamen, - - -	43	Broom-makers, - - -	2
Merchants, - - -	39	Coppersmiths, - - -	2
Carpenters, - - -	31	Jewellers, - - -	2
Manufacturers, - - -	28	Watchmen, - - -	2
Teachers, - - -	23	Drovers, - - -	2
Blacksmiths, - - -	16	Rope-makers, - - -	2
Printers, - - -	14	Carrier, - - -	1
Students, - - -	16	News Collector, - - -	1
Tailors, - - -	10	Engineer, - - -	1
Machinists, - - -	8	Hatter, - - -	1
Clothiers, - - -	7	Gardener, - - -	1
Coopers, - - -	6	Mat-maker, - - -	1
Bricklayers, - - -	5	Stocking-weaver, - - -	1
Millers, - - -	4	Bellows-maker, - - -	1
Cabinet-makers, - - -	4	Idiots, - - -	11
Clergymen, - - -	3	Vagrants, - - -	34
Bakers, - - -	4		
Musicians, - - -	4	Females who have no regular employment, who are unac- customed to labor, &c.	105
Pedlers, - - -	4	Females accustomed to seden- tary employments that are laborious, and to factory la- bor, - - -	96
Painters, - - -	4	Females accustomed to active employments, the wives and daughters of farmers, me- chanics, &c. - - -	161
Paper-makers, - - -	3		
Calico Printers, - - -	3	Many not classified.	
Sail-makers, - - -	3		
Tanners, - - -	3		
Comb-makers, - - -	3		
Turners, - - -	3		
Harness-makers, - - -	3		
Physicians, - - -	3		
Coachmen, - - -	3		
Butchers, - - -	3		
Lawyers, - - -	3		

The individuals who have been admitted as inmates of the Hospital are from *fifty-one* trades or occupations, exclusive of females. It is difficult to estimate the comparative number from each distinct occupation with the individuals who pursue these employments in the community; nothing of any great importance can yet be gathered from the facts here presented. It would seem, that when we find on the list *thirty-nine* merchants, *fourteen* printers, *sixteen* blacksmiths, *ten* tailors, *thirty-one* carpenters, *twenty-five* teachers, and only *four* painters, *four* cabinet makers, *three* tanners, *two* inn keepers, *five* bricklayers, *three* physicians, and *one* hatter, that the per cents of those following these last occupations must be decidedly less than those of

the former; but the records of all the institutions in the Commonwealth must be consulted, before any definite information can be obtained.

Those employments which have the greatest stability and the least excitement are most conducive to health; and those occupations which lead people to congregate, which are quite profitable when employment is had, but in which employment is not steady, tend greatly to irregularity of life, licentious habits, and consequent disease.

On the whole, no inference can be drawn from the table that any one occupation, in itself considered, has any particular tendency to produce insanity.

Exemption from this, as from many other diseases, is best secured by a calm dispassionate course of life, strict temperance in diet and drink, steady industry, and a cheerful temper.

TABLE 10.

Diseases which have proved fatal.

Marasmus, - - -	21	Brain fever from intemperance, -	2
Epilepsy, - - -	14	Dysenteric fever, - - -	2
Consumption, - - -	9	Disease of the bladder, -	1
Apoplexy, - - -	7	Lung fever, - - -	1
Suicide, - - -	5	Old age, - - -	1
Diseases of the heart, -	4	Chronic bronchitis, - - -	1
Cholera morbus, - - -	4	Gastric fever, - - -	1
Mortification of the limbs, -	3	Land scurvy, - - -	1
Hemorrhage, - - -	3	Congestive fever, - - -	1
Inflammation of the bowels, -	2	Erysipelas, - - -	1
Disease of the brain, - - -	2		
Diarrhœa, - - -	2		
Dropsy, - - -	2		
			90

The Hospital has been remarkably exempt from acute febrile diseases and inflammations; we have had a few cases of erysipelas, *one* of which proved fatal; a few cases of scarlet fever, all of which recovered. No epidemic has ever visited us; and to-day, while this sheet is being written, there is but a single individual who is not able to take regular meals with a comfortable appetite. *Ninety* deaths, in the whole, have occurred, of *twelve hundred* patients who have now been in the Hospital; of these, more than *eighty* have been the result of chronic disease.

Many cases of marasmus were far advanced before they came to

the Hospital; and the consumptions, epilepsies, and other chronic diseases had their origin before insanity commenced.

In the Hanwell institution for the insane, near London, with *eleven hundred and eighty-three* patients, in *five* years, they had *three hundred and twenty-six* deaths. In our institution, with *eleven hundred and ninety-six* patients at the close of the year, thirteen more than the foreign institution, we have had *ninety* deaths, less by *two hundred and thirty-six*.

TABLE 11.

Showing the duration of Insanity, the ages and civil state of patients admitted from December 1st, 1833, to November 30th, 1840.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	Total.
Duration before admitted:									
Less than 1 year, - - -	41	56	49	54	73	82	84	75	514
From 1 to 5 years, - - -	27	29	37	37	58	50	63	56	357
“ 5 to 10 “ - - -	27	14	17	13	15	16	18	15	135
“ 10 to 20 “ - - -	31	8	6	11	15	8	10	10	99
“ 20 to 30 “ - - -	12	4	1	2	4	7	1	3	34
“ 30 to 40 “ - - -	3	1	1	2	1	1	1	2	12
Unknown, - - -	12	6	7	6	5	13	2	1	52
Duration with those remaining at the end of each year:									
Less than 1 year, - - -	29	22	21	11	29	28	34	28	202
From 1 to 5 years, - - -	20	25	23	39	51	65	69	75	366
“ 5 to 10 “ - - -	20	24	34	35	38	44	44	52	304
“ 10 to 20 “ - - -	30	24	29	35	41	41	52	52	304
“ 20 to 30 “ - - -	9	5	3	7	11	18	14	13	80
Over 30 “ - - -	3	2	4	2	2	3	4	5	25
Unknown, - - -	8	16	6	9	13	19	12	11	94
Ages of patients when admitted:									
Under 20 years, - - -	2	6	3	11	13	17	10	10	72
From 20 to 30 years, - - -	34	23	22	29	58	47	47	46	306
“ 30 to 40 “ - - -	48	44	42	30	34	51	49	40	338
“ 40 to 50 “ - - -	34	28	30	25	31	32	30	34	244
“ 50 to 60 “ - - -	14	9	11	16	13	20	21	21	125
“ 60 to 70 “ - - -	17	6	6	10	12	8	14	6	79
“ 70 to 80 “ - - -	5	2	5	0	7	2	8	5	34
Civil state of patients admitted:									
Single, - - -	92	71	52	68	94	101	80	75	633
Married, - - -	38	40	46	49	61	65	75	71	445
Widows, - - -	12	4	8	6	11	5	17	12	75
Widowers, - - -	11	4	7	2	2	6	7	4	43

By the table it will be seen that the number of admissions, of duration less than *one* year, has been, the past year, *seventy-five*; which is about the average for the last *four* years. A majority of the cases are old, having existed more than *one* year.

At the close of the year, there remained *twenty-eight* cases only that are called recent, or of less duration than *one* year,—a less proportional number than we have had since 1836, when only *eleven* recent cases remained.

The number of single persons who were never married, that have been in the Hospital from the commencement has been *six hundred and thirty-three*; the number married, at the time of their residence, *four hundred and forty-five*; the number of widows *seventy-five*, and widowers *forty-three*.

TABLE 12.

Showing the condition of old and permanent residents who have been long incurable.

	Improved in health and habit.	Improved in mind.	Not improved.
Of 101 cases, - - -	73	42	38
Males, - - -	34	19	25
Females, - - -	39	23	13

Of the 667 patients that have been in the Hospital since the chapel was opened, 579 have attended religious worship more or less, and 88 have not attended.

It is now about *eight* years since individuals, now in the Hospital, became permanent residents. Taking the first *one hundred and one*, that remained on our records at the close of the year, it will be seen by the table, that *seventy-three* have improved in health and habits, of whom *thirty-four* are males, and *thirty-nine* are females; of these, *forty-two* have manifested decided improvement in mind, although they have not recovered, of whom *nineteen* are males, and *twenty-three* are females; *thirty-eight* have remained nearly stationary, or have gradually grown worse, of whom *twenty-five* are males, and *thirteen* are females. It is proper to remark that most of these *thirty-eight* are, in all respects, comfortable; many labor regularly about the

establishment, and nearly all observe the decencies of life; the habits of many of them were never bad.

In the month of November, 1837, we opened a chapel for religious worship on the Sabbath. Since that time, there have been in the Hospital, *six hundred and sixty-seven* patients, of whom *five hundred and seventy-nine* have attended the religious meetings more or less, and *eighty-eight* have not attended: a much greater proportion, it is believed, than attend to such solemnities in the community at large. Of the *one hundred* old cases recorded in the table, nearly *ninety* per cent. have attended chapel more or less, and many very constantly.

TABLE 13.

Showing the comparative Curability of Insanity, treated at different periods of disease.

	Total of Cases	Of each Sex.	Curable or Cured.	Incurable or not Cured.
Of less duration than 1 year,	493			
Males, - - -	-	247	218	29
Females, - - -	-	246	220	26
From 1 to 2 years,	192			
Males, - - -	-	94	48	46
Females, - - -	-	98	63	35
From 2 to 5 years,	190			
Males, - - -	-	111	35	76
Females, - - -	-	79	30	49
From 5 to 10 years,	136			
Males, - - -	-	71	9	62
Females, - - -	-	65	7	58
From 10 to 15 years,	80			
Males, - - -	-	44	4	40
Females, - - -	-	36	2	34
From 15 to 20 years,	28			
Males, - - -	-	19	1	18
Females, - - -	-	9	0	9
From 20 to 25 years,	21			
Males, - - -	-	11	0	11
Females, - - -	-	10	0	10
From 25 to 30 years,	7			
Males, - - -	-	5	0	5
Females, - - -	-	2	0	2
Over 30 years,	6			
Males, - - -	-	3	0	3
Females, - - -	-	3	0	3

From this table, we learn that *four hundred and ninety-three* patients have been admitted into the Hospital, whose insanity had existed less than *one year*: of these, *two hundred and forty-seven* are males, and *two hundred and forty-six* are females; *four hundred and thirty-eight* of these recovered, and *fifty-five* failed to recover; *twenty-two* died, leaving, of those living, only *thirty-three* that failed to recover; and making the recoveries, exclusive of the deaths, more than *ninety-five* per cent. This supposes, however, that the *twenty-eight* recent cases now in the Hospital will all recover; this will not probably prove true, as some may die, and a few may fail to get well: this may diminish the per cent. *one* or *two* but can hardly fail to leave it above *ninety*.

Many of the individuals of this class, not recovered, were removed by their friends prematurely, when the prospect of recovery was encouraging. There remain now not exceeding *four* cases that came into the Hospital before insanity had existed *one year*, and but *two* that are certainly incurable.

There have been in the Hospital, *one hundred and ninety-two* cases, that have been insane from *one to two* years, of which *one hundred and eleven* have recovered, and *eighty-one* have failed to recover, or have died. The recoveries of this class have been *fifty-eight* per cent., and, exclusive of deaths, about *sixty-two* per cent.

One hundred and ninety patients have been in the Hospital, whose insanity had existed from *two to five* years; of whom *sixty-five* have recovered, and *one hundred and twenty-five* have failed to recover, are considered incurable, or have died. The recoveries of this class are *thirty-four* per cent.

One hundred and thirty-six patients have been in the Hospital, the duration of insanity with whom has been from *five to ten* years; of these, *sixteen* have recovered, and *one hundred and nineteen* have failed to recover, are considered incurable, or have died. The recoveries of this class are about *eleven and three-fourths* per cent.

One hundred and forty-two patients have been in the Hospital, who have been insane more than *ten* years, of whom *seven* only have recovered, which is less than *five* per cent.

TABLE 14.

Showing the number of persons employed in the different departments of labor.

MALES				FEMALES.			
Farmers, -	-	-	25	Knitters, -	-	-	61
Laborers, -	-	-	30	Sempstresses, -	-	-	51
Shoemakers, -	-	-	10	Washers, -	-	-	4
Kitchen, -	-	-	5	Kitchen, -	-	-	6
Washer, -	-	-	1	Scrubbers, -	-	-	5
			71				127
							71
				Laborers, -	-	-	198

Indulged abroad, more or less, about 95, a part of whom are laborers.

There have been in the Hospital, in the course of the year, *one hundred and ninety-eight* individuals, who have done more or less labor in the different departments of industry; of this number, *twenty-five* were regular farmers, *thirty* were common laborers, who worked in the garden, on the grounds, upon the wood, and in various ways, whenever their services were required; *ten* were shoemakers; *five* worked in the kitchen, and *one* in the wash-room. The above, including *seventy-one* male patients, were regularly employed, whenever labor was found for them. Other individuals have at all times been taken out to saw wood, and do other small jobs, have worked in the halls, &c., an hour or more at a time, for exercise, but these have not been considered regular laborers.

In the female department there have been *sixty-one* knitters, who have made *many hundred* socks and stockings. *Fifty-one* sempstresses, who have assisted in making and mending clothes, bedding, &c., besides doing considerable labor for individuals employed in and about the Hospital, and elsewhere. These two classes contributed very handsomely to the Bunker Hill Monument Fair, to which they sent many handsome and valuable articles. *Four* females have been regularly employed in the wash-room daily, when that business called for their aid, and many others have occasionally assisted in this department of labor.

Our object is, as far as possible, to keep patients employed, and the more labor they perform, the better off they are, generally. Many who are not laborers, are indulged with liberty to walk abroad unattended, on a pledge to return; *one* goes regularly to the post office, *two* or *three* times a day when the mails arrive. *Two* intelligent and respectable men have driven the carriage for the female patients to ride, most of the last season. Without employment, the daily state of the inmates of the Hospital would be a dull monotony; with labor and books, papers, implements for writing, and various amusements, time passes cheerfully with many, and all are made as happy as the nature of the case will allow.

TABLE 15.

Showing the comparative Curability of Insanity attacking at different ages.

	Total of Cases.	Total of each Sex.	Curable.	Incurable.
Under 20, - - -	150			
Males, - - -	-	78	29	49
Females, - - -	-	72	46	26
From 20 to 25, - - -	182			
Males, - - -	-	97	47	50
Females, - - -	-	85	50	35
From 25 to 30, - - -	159			
Males, - - -	-	88	45	43
Females, - - -	-	71	42	29
From 30 to 35, - - -	160			
Males, - - -	-	97	45	52
Females, - - -	-	63	36	27
From 35 to 40, - - -	142			
Males, - - -	-	62	31	31
Females, - - -	-	80	45	35
From 40 to 45, - - -	94			
Males, - - -	-	51	35	16
Females, - - -	-	43	32	11
From 45 to 50, - - -	83			
Males, - - -	-	38	28	10
Females, - - -	-	45	38	6
From 50 to 55, - - -	70			
Males, - - -	-	33	23	10
Females, - - -	-	37	26	11
From 55 to 60, - - -	39			
Males, - - -	-	17	12	5
Females, - - -	-	22	15	7
From 60 to 65, - - -	30			
Males, - - -	-	16	13	3
Females, - - -	-	14	11	3
From 65 to 70, - - -	20			
Males, - - -	-	13	7	6
Females, - - -	-	7	5	2
From 70 to 75, - - -	11			
Males, - - -	-	8	4	4
Females, - - -	-	3	3	0
Over 75, - - -	9			
Males, - - -	-	5	2	3
Females, - - -	-	4	0	4

I have been careful to collect the facts in this table, as they prove so different from what are found to be the results in many other Hospitals for the insane.

One fact is prominent, that persons attacked *over forty* years of age, are more likely to recover from insanity, than those *under forty*; the table will show this to be the case.

One hundred and fifty cases of insanity have come to the Hospital, the subjects of which were less than *twenty* years of age; of these, *seventy-eight* are males, and *seventy-two* are females; *twenty-nine* of the former recovered, or are curable, which is *thirty-seven* per cent.; *forty-six* of the latter are recovered, or are curable, which is about *sixty-four* per cent. Of the whole, the recovered and curable are *fifty* per cent.

One hundred and eighty-two patients have been in the Hospital, who have become insane between *twenty* and *twenty-five* years of age; of these, *ninety-seven* recovered; which is something more than *fifty-three* per cent.

One hundred and fifty-nine patients have been under our care, who became insane between *twenty-five* and *thirty* years of age; of these, *eighty-seven* recovered, or are curable, which is almost *fifty-five* per cent.

One hundred and sixty patients have been in the Hospital, who have become insane between the ages of *thirty* and *thirty-five*; of this number, *eighty-one* recovered, or are curable, which is a little more than *fifty* per cent.

One hundred and forty-two patients have been under our care, who became insane between the ages of *thirty-five* and *forty*; of this number, *seventy-six* recovered, or are curable, which is *fifty-three and one half* per cent.

One hundred and seventy-seven patients have been in the Hospital, who became insane between the ages of *forty* and *fifty*; of whom, *one hundred and thirty-three* recovered, which is *seventy-five* per cent.

One hundred and nine patients have been in the Hospital, who became insane between the ages of *fifty* and *sixty*; of whom, *seventy-six* recovered, which is *sixty-nine and three-fourths* per cent.

Fifty patients have been in the Hospital, who became insane between the ages of *sixty* and *seventy*; of whom, *thirty-six* recovered, which is *seventy-two* per cent.

Twenty patients have been in the Hospital between the ages of *seventy* and *eighty*, when they became insane; of whom, *nine* recovered, which is *forty-five* per cent.

The above list will show, that there have been *seven hundred and ninety-three* cases recorded in the table, of less than *forty* years of age,

when they became insane; of whom, *four hundred and sixteen* recovered, or are curable, which is *fifty-two and one half* per cent.

Three hundred and fifty-six patients have been in the Hospital, who became insane between the ages of *forty* and *eighty*; of whom, *two hundred and fifty-four* recovered, which is *seventy-one* per cent.

TABLE 16.

Showing the Relation of Cause to Recovery.

	Whole No.	No. of each Sex.	Curable.	Incurable.
Intemperance, - - - -	190			
Males, - - - -	-	168	85	83
Females, - - - -	-	22	11	11
Domestic afflictions of various kinds, family troubles, love, fear of death, poverty, &c. - - - -	294			
Males, - - - -	-	117	70	47
Females, - - - -	-	177	104	73
Ill health, wounds, puerperal, &c. -	243			
Males, - - - -	-	56	27	29
Females, - - - -	-	187	127	60
Religious of all kinds, - - - -	85			
Males, - - - -	-	44	27	17
Females, - - - -	-	41	24	17
Masturbation, - - - -	107			
Males, - - - -	-	95	28	67
Females, - - - -	-	12	1	11
Epilepsy, - - - -	34			
Males, - - - -	-	31	4	27
Females, - - - -	-	3	0	3
Palsy, - - - -	19			
Males, - - - -	-	15	2	13
Females, - - - -	-	4	1	3

The recoveries of insanity arising from intemperance, are about *fifty* per cent., and show that this cause produces a disease, admitting an average of cures. The recent cases from intemperance often recover favorably. Cases of delirium tremens are rare with us, so much so, that we have not been able to found any calculation upon them. Old cases of insanity from this cause, in which there is delusion of the senses, are extremely unlikely to get well.

The recoveries from insanity occasioned by domestic afflictions, of various kinds, such as family trouble, disappointed affection, fear of death, fear of poverty, future punishment, &c., are greater than the foregoing, being *one hundred and seventy-four*, of *two hundred and ninety-four*, which is *fifty-nine* per cent.

The cases arising from ill health, excepting epilepsy and palsy, are the most favorable of any that come under our care; by persevering with the means of relief of the several forms of disease connected with insanity, the health is restored and the insanity cured. Of the *two hundred and forty-three* cases, arising from this cause, *one hundred and fifty-four* recovered, which is something more than *sixty-three* per cent.

From religious causes also, the recoveries have been quite favorable, amounting to *fifty-one* of *eighty-five* cases, which is precisely *sixty* per cent.

The "secret vice" gives us the darkest catalogue of cases, amounting, in all, to *one hundred and seven*; of which, *twenty-nine* only have recovered, which is but about *twenty-seven* per cent.

TABLE 17.

Showing the per cent. of cases from the most prominent causes each year.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.
Intemperate drinking,	24 $\frac{3}{4}$	24	22 $\frac{3}{4}$	14 $\frac{1}{2}$	10 $\frac{1}{2}$	16 $\frac{3}{4}$	7 $\frac{1}{4}$	12 $\frac{1}{4}$
Ill health, - -	8 $\frac{1}{2}$	17 $\frac{3}{4}$	21 $\frac{3}{4}$	22 $\frac{1}{2}$	21 $\frac{1}{2}$	28	26 $\frac{1}{4}$	25
The affections, -	13 $\frac{3}{4}$	11 $\frac{1}{2}$	17 $\frac{1}{2}$	16	16	14 $\frac{3}{4}$	25	16 $\frac{1}{4}$
Concerning property,	6 $\frac{1}{2}$	10 $\frac{3}{4}$	8 $\frac{3}{4}$	5 $\frac{1}{2}$	6 $\frac{1}{2}$	10 $\frac{1}{2}$	5 $\frac{1}{2}$	4 $\frac{3}{4}$
Religious, - -	8 $\frac{1}{2}$	6 $\frac{1}{4}$	7 $\frac{1}{2}$	6 $\frac{1}{4}$	6 $\frac{1}{2}$	9	4 $\frac{1}{2}$	4 $\frac{3}{4}$
Masturbation, - -	5	5 $\frac{3}{4}$	7 $\frac{3}{4}$	16 $\frac{1}{2}$	21 $\frac{1}{2}$	5 $\frac{1}{2}$	8 $\frac{3}{4}$	6 $\frac{3}{4}$

This table is too plain and simple to need comment. Throwing together the relative number of cases from the various causes of insanity, it is conceived, will not be without interest, as all may here be seen at a glance, and it requires no effort to come at the facts. The results of our last year's experience do not vary essentially from those immediately preceding. The number of cases from intemperance is somewhat increased; and from the affections, somewhat diminished.

TABLE 18.

Showing the state of the Moon on the occurrence of a paroxysm of excitement in about 66 cases of Periodical Insanity, amounting in all to 532 paroxysms. Also the relation of the Moon to the 90 deaths that have occurred in the Hospital.

Number of Paroxysms on each day.					Number of Deaths on each day of the Moon.				
Day of the Moon.	Whole No.	Male.	Female.	Day of the quarter. First qr.	Day of the Moon.	Whole No.	Male.	Female.	Day of the quarter. First qr.
1	11	5	6	1	1	1	1	0	1
2	28	16	12	2	2	6	4	2	2
3	20	11	9	3	3	6	2	4	3
4	23	9	14	4	4	3	2	1	4
5	18	10	8	5	5	4	2	2	5
6	20	9	11	6	6	5	3	2	6
7	26	11	15	7	7	4	0	4	7
End of 1st qr.					End of 1st qr.				
8	31	15	16	1	8	1	1	0	1
9	18	10	8	2	9	4	1	3	2
10	14	5	9	3	10	2	2	0	3
11	18	9	9	4	11	1	0	1	4
12	19	10	9	5	12	1	1	0	5
13	18	11	7	6	13	7	5	2	6
14	22	10	12	7	14	2	2	0	7
End of 2d qr.					End of 2d qr.				
15	19	9	10	1	15	2	2	0	1
16	14	7	7	2	16	5	4	1	2
17	23	12	11	3	17	3	2	1	3
18	12	6	6	4	18	0	0	0	4
19	12	8	4	5	19	2	1	1	5
20	18	13	5	6	20	6	5	1	6
21	20	9	11	7	21	6	4	2	7
End of 3d qr.					End of 3d qr.				
22	21	11	10	1	22	2	1	1	1
23	22	6	16	2	23	0	0	0	2
24	26	14	12	3	24	5	2	3	3
25	20	7	13	4	25	6	3	3	4
26	20	10	10	5	26	2	1	1	5
27	7	2	5	6	27	0	0	0	6
28	12	6	6	7	28	4	2	2	7
Paroxysms,	532				Deaths,	90			

We have continued to record facts on the subject of lunar influence, and are able to present a list of *five hundred and thirty-two* paroxysms of insanity, as occurring in *sixty-six* periodical cases; in which there

were from *two* to *twelve* paroxysms each, in the course of the year. We present the following results.

On the *eighth* day of the moon, which is the *first* day of the *second* quarter, there have occurred the greatest number of paroxysms of any *one* day, viz. *thirty-one*.

On the *second* day of the moon, which is the *second* day of the *first* quarter, there occurred *twenty-eight* paroxysms; which is the *second* greatest number that occurred on *one* day.

On the *seventh* day of the moon, which is the *last* day of the *first* quarter; and on the *twenty-fourth* day of the moon, which is the *third* day of the *last* quarter, an equal number of paroxysms occurred, which was *twenty-six*; and these make the *third* and *fourth* days in point of numbers.

On the *fourth* day of the moon, which is the *fourth* day of the *first* quarter, and on the *seventeenth* day of the moon, which is the *third* day of the *third* quarter, *twenty-three* paroxysms occurred, which are the *fifth* and *sixth* in point of numbers.

It is worthy of remark, that the same days, to the number of *six*, which had the precedence of numbers last year, have the greatest number this year, and that there is no change in the order in which the number of paroxysms appeared. It is also true, that the day on which the fewest number of paroxysms occurred the former years, was the day on which the fewest occurred the last year.

The greatest number of deaths, occurring on any *one* day, took place on the *thirteenth* day of the moon, which is the *sixth* day of the *second* quarter, viz. *seven*.

On the *second* and *third* days of the moon, and on the *twentieth* and *twenty-first* days, which are the last *two* days of the *third* quarter, and on the *twenty-fifth* day, which is the *fourth* day of the last quarter, an equal number of deaths occurred, viz. *six*.

On the *sixth* day of the moon, which is the last day but *one* of the *first* quarter, on the *sixteenth* day, which is the *second* day of the *third* quarter, and on the *twenty-fourth* day, which is the *third* day of the last quarter, an equal number of deaths occurred, viz. *five*.

Four deaths occurred on the *fifth*, *seventh*, *ninth* and *twenty-eighth* days of the moon. The *six* days on which have, heretofore, occurred the greatest number of deaths, have the greatest number this year; and the *three* days which have had no deaths occur upon them heretofore, have none this past year.

Having carefully noted these facts as matters of curiosity, if not of

importance, we leave the table with its remarkable coincidences, believing that no conclusions can be derived from it, showing the correctness of popular opinion with respect to the moon's influence in producing the periods of excitement with the insane.

TABLE 19.

Showing the causes of Insanity as affecting individuals of different occupations.

Occupation or business.	Intemperance.	Masturbation.	Religious of all kinds.	Domestic afflict. of all kinds.	Fear of poverty or loss of property.	ill health.	Disappointed affection.	Others.
Farmers, 100	34	17	14	12	9	8	1	} Palsy, 1 } Jeal'sy, 1 } Epilep. 3 Epilepsy, 1
Shoemakers, 41	7	18	4	3	3	4	1	
Printers, 10	0	9	0	0	0	0	1	
Laborers, 67	42	12	5	2	4	0	2	
Seamen, 29	19	2	1	0	5	Wound on the head, 1	0	Jealousy, 1
Merchants, 39	9	18	0	2	9	0	1	
Carpenters and Joiners, 25	11	6	1	0	4	2	0	Epilepsy, 1
Blacksmiths, 7	2	1	0	0	2	0	2	
Students, 16	0	13	1	0	0	1	0	Poor diet, 1

I have supposed that an interesting inquiry might be instituted as to the causes of insanity with men of different occupations. For the purpose of embodying the facts on this subject, I have prepared the table which exhibits the following results.

Of *one hundred* farmers, *thirty-four* became insane by intemperance, which is *thirty-four* per cent.; *seventeen* became insane by masturbation, which is *seventeen* per cent.; *fourteen* became insane by religious causes, which is *fourteen* per cent.; *nine* by loss of property and fear of poverty, which is *nine* per cent.; *twelve* by domestic afflictions of various kinds, which is *twelve* per cent.; *eight* from ill health, which is *eight* per cent.; *one* from disappointed affection; *three* from epilepsy; *one* from palsy, and *one* from jealousy. Intemperance, as a cause, greatly predominates with the farmers.

From the table we learn that, of *forty-one* shoemakers, *seven* became insane by intemperance; *eighteen* by masturbation, which is nearly *forty-four* per cent., and quite the most prevalent cause with this class of laborers.

In the table we have placed *ten* printers, *one* of whom became insane in a matter of love; and *nine* by the "secret vice," which is *ninety* per cent.

Of the *sixty-seven* laborers in the table, *forty-two* became insane by intemperance, which is about *sixty-two and one half* per cent., and quite the most common cause with this class of men.

Of *twenty-nine* seamen who have been in the Hospital, *nineteen* became insane by intemperance, which is more than *sixty-five* per cent., and by far the most prominent cause of insanity with the sailor; *two* only became insane by masturbation, and *five* from anxiety about property.

Of the *thirty-nine* merchants who have been in the Hospital, the cause of whose disease has been ascertained, *nine* became insane by intemperance, *eighteen* by masturbation, and *nine* by anxiety about property; the "secret vice" being by far the most prominent cause, and making more than *forty-six* per cent. of the causes.

Of the *twenty-five* carpenters and joiners who have been in the Hospital, *eleven* became insane by intemperance, *six* by masturbation, and *four* by anxiety about property. The most prominent cause with this class of men is intemperance, which is a little less than *fifty* per cent. of the whole.

Of the *sixteen* students that have been in the Hospital, *thirteen* have become insane by masturbation, which is an appalling proportion, at the rate of *eighty-one* per cent.

By the table it will appear that of those who pursue active employments in the open air, comparatively few become insane but by the agency of intemperance, the great source of physical imbecility and disease, of moral degradation, vice, and crime in our country. The seamen have, in times past, been particularly obnoxious to this cause.

On the other hand it will be seen, that of those who pursue sedentary and effeminate employments, few, comparatively, become insane from this cause; but a large proportion become so by masturbation, an evil, the secret influence of which is unquestionably undermining the health and intellect of many a promising youth in this, and every community.

TABLE 20.

Showing the comparative expense of supporting Old and Recent cases of Insanity, from which we may learn the economy of placing the insane in institutions in early periods of disease.

OLD CASES.				RECENT CASES.			
No. of old cases.	Present age.	Time in-sane.	Total expense of old cases at \$100 a year before coming to the Hospital, and at \$132 since.	No. of recent cases.	Present age.	Time in-sane.	Cost of support at \$2 50 a week.
2	66	25 years,	\$2828	1171	34	9 weeks,	\$22 50
3	34	11 "	1320	1168	50	32 "	80
7	45	14 "	1620	1142	20	17 "	42 50
8	57	18 "	2120	1138	48	32 "	80
12	42	22 "	2510	1134	28	28 "	70
18	68	31 "	3410	1132	56	15 "	37 50
19	56	15 "	1820	1131	45	20 "	50
21	36	13 "	1610	1126	30	16 "	40
27	44	13 "	1610	1122	51	12 "	30
44	53	24 "	2700	1119	47	32 "	80
45	57	22 "	2450	1118	17	55 "	137 50
56	42	14 "	1700	1109	47	21 "	52 50
101	48	18 "	2550	1108	28	32 "	80
102	50	22 "	2450	1107	33	16 "	40
133	41	10 "	1050	1106	26	21 "	52 50
176	52	17 "	2100	1104	40	16 "	40
180	45	18 "	1121	1090	59	26 "	65
190	47	10 "	1380	1089	48	18 "	45
209	36	13 "	1580	1085	24	20 "	50
223	47	17 "	1980	1062	40	16 "	40
247	39	15 "	1730	1060	17	26 "	65 50
255	42	17 "	1920	1058	39	11 "	27 50
260	44	15 "	1500	1057	18	16 "	40
274	37	12 "	1400	1049	28	16 "	40
278	47	7 "	1040	1047	63	40 "	100
		413 "				563 weeks, = nearly 11	[years.
Average expense of old cases, - - \$1903 60				Average expense of recent cases, - - - \$56 00			
Whole 25 old cases have cost, - - \$47,590 00				Whole 25 recent cases have cost, - - \$1400 00			

On a former occasion, I collected some facts relative to the expense of an equal number of old and recent cases, to show the advantage of the early application of the means of recovery. For the same purpose, this table has been made, showing the expense of supporting the

twenty-five cases now first on the records of the Hospital, at *one hundred* dollars a year, previous to their being placed in the Hospital, and at *two dollars and a half* a week, since being in the Hospital; and the *twenty-five* recent cases, last on the records, who have been discharged recovered.

It appears that the expense of supporting the old cases, in the aggregate, is *forty-seven thousand five hundred and ninety* dollars, an average of *one thousand nine hundred and three* dollars and *sixty* cents.

The *twenty-five* recent cases cost, in the aggregate, after they became insane, *one thousand four hundred and eight* dollars, an average of *fifty-six* dollars.

The *twenty-five* old cases have been insane, in the aggregate, *four hundred and thirteen* years, an average period of *sixteen and one half* years each.

The *twenty-five* recent cases have been insane, *five hundred and sixty three* weeks in the aggregate, and *twenty-two and one half* weeks on the average, not *two-thirds* of which time was spent in the Hospital.

On the score of political economy alone then, how desirable that institutions be furnished, so that all the recent insane may be placed in them and have the opportunity for cure, by which, not only may great suffering be avoided, but heavy expenses be saved. And if *three-fourths* of these individuals, now doomed to be the perpetual victims of disease while life shall last, had been restored to the enjoyments of society and active usefulness, they might have been producers of at least an equal sum to that of which they have now been the expenders; the difference would have been great, and worthy of all consideration.

But who can estimate the sufferings of a mind diseased, laboring for years under delusions, vitiated appetites, morbid sensibilities, perverted tastes, and estranged and excited feelings and propensities?

Such are the sufferings which are removed by curing insanity. What community can neglect this great good and not feel deep regret, and assume an awful responsibility?

TABLE 21.
Of Per Cent.

RECOVERIES.	Average.	1834.	1835.	1836.	1837.	1838.	1839.	1840.
Per cent. of cases discharged recovered, of duration less than one year, - - - -	87½	82	82½	84½	89½	86½	90½	91½
Per cent. of recoveries of all discharged, - - - -	52	53½	46½	53½	57	52½	47	53
Per cent. of recoveries of old cases discharged, - - -	19½	20½	15½	18½	25½	15½	16½	22½

There have been admitted, since the Hospital was opened, 488 cases of less duration than one year.

There have been discharged recovered, of recent cases, in the same, 404; (404 of 488); which is 82½ per cent.

Deduct from these, 23 deaths of recent cases, which are not usually included in estimates of recovery, (as such cases have little trial of curative means,) and there remains 404 of 465, which is 86½ per cent. Twenty-eight of those now remaining in the Hospital are mostly convalescing, which being deducted, leaves 404 of 437, which is 92½ per cent.

There have been in the Hospital 1196 patients;—there have been discharged recovered 506, which is 42½ per cent.

DEATHS.	1834.	1835.	1836.	1837.	1838.	1839.	1840.
Per cent. of deaths of all in the Hospital, each year, - - - -	3½	3½	3½	3	4½	5½	3½
Per cent. of whole number of admissions, (90 of 1196,) - - -							7½

There are at present in the Hospital, 208 cases of longer duration than one year, (208 of 236,) which is 88 per cent.

There are 28 cases of less duration than one year, which is 12 per cent.

Per cent. of Recoveries from Insanity arising from certain causes.

From intemperance, 50 per cent.	Domestic afflictions, - 59 per cent.
Ill health, - - 63½ per cent.	Religious causes, - 60 per cent.
Masturbation, - 27 per cent.	
Hereditary, (336 of 1196,) - - -	30½ per cent.
Periodical, (235 of 1196,) - - -	19½ per cent.

Of the 1196 patients who have been in the Hospital, there were,

Single, including widowers and widows, - - -	751—62½ per cent.
Married, - - - - -	445—37½ per cent.

It will be seen by this table, that the operations of the Hospital have been favorable this year. The recoveries of cases of less duration than *one* year, have been *ninety-one and one-fourth* per cent. Recoveries of cases of longer duration than *one* year, including all old cases, have been during the last year, *twenty-two and one half* per cent. Of all the cases discharged, the per cent. of recoveries has been, the past year, *fifty-three*.

The general average of recoveries, of duration less than *one* year, has been *eighty-seven and one-fourth* per cent. The average of recoveries on all the cases discharged, has been *fifty-two* per cent.; and on all the old cases discharged, *nineteen and one-third* per cent.

The number of patients who have relapsed so as to have a return of insanity within *one* year from the previous attack, that have been discharged recovered, is *eighteen*, as far as we can collect them from our records, and as far as we have been able to learn. Others may have relapsed, of which we have no knowledge.

The above estimates of per cent. are upon the discharged.

The following are made upon the admitted. *Four hundred and eighty-eight* cases have been admitted into the Hospital, of less duration than *one* year. There have been discharged recovered, of recent cases, in the same time, *four hundred and four*, which is *eighty-two and one half* per cent. If we deduct from these, *twenty-three* deaths, of recent cases which have not had trial of remedial means, the per cent. will be *eighty-six and three-fourths*. *Twenty-eight* of these now remain in the Hospital, recently admitted, mostly convalescing, which, being deducted, will leave *ninety-two and one half* per cent. of recent cases as recovered or likely to recover.

There have been in the Hospital, *eleven hundred and ninety-six* patients, of whom, *five hundred and six* have been discharged recovered, which is more than *forty-two* per cent.

The deaths this year have been *fifteen*, which is *three and three-fourths* per cent. of all the patients in the Hospital, in the course of the year; about the average for each year, since the Hospital was opened. There have been *eleven hundred and ninety-six* patients under our care, of whom *ninety* have died, which is *seven and one half* per cent.

When a patient enters the Hospital, it is our practice to inquire relative to hereditary predisposition; if we learn that parents, or grandparents were insane, or if a number of collateral relatives, as uncles, aunts, brothers and sisters, have been affected with insanity, we record the case as hereditary; of this class of cases, we have *three hundred*

and *thirty-six*, which is something more than *thirty* per cent. of all that have been in the Hospital.

My views of hereditary insanity have before been fully given. That this taint or predisposition never results in alienation of mind without the intervention of an exciting cause, I am free to declare, although the strength and activity of the predisposition is very different, in different individuals, and very unlike in the members of the same family. In this respect, as before observed, insanity is like other physical diseases, and in no respect different. Many cases of this kind have a periodical character, for the reason that a slight cause re-excites the disease, and a slighter, in proportion to the number of attacks. My inquiries into this subject have satisfied me that, when there is a predisposition, the exciting cause is as manifest and apparent as in most other cases, but very often that cause is less severe and prominent. The production of insanity is not always the sudden and apparent effect of *one* cause, but the result of cause or causes long operating to derange the functions of the brain and nervous system, and finally insanity appears without any tangible or visible cause at the time, and in many cases it is attributed to some circumstance too trivial to produce it, because no other is known. Intemperance, ill health, masturbation, and often the moral causes of insanity, operate slowly, break down the energies of the physical organs, which are the instruments of the mind, and months, and even years after, the disease appears. With insanity, as with many other diseases, a recent or acute attack has a *chronic* cause, if the expression is allowable, and such a case is less likely to recover than one of a character in all respects more recent.

There have been under our care, *two hundred and thirty-five* cases recorded as "periodical," which is *nineteen and one half* per cent. of all cases that have been in the Hospital.

By periodical case, is here understood, one that has had more than one recurrence of insanity, whether the interval be long or short, that is, *one* year or more than *one* year. We distinguish those cases in which the occurrence of the paroxysms is more frequent, as monthly, or once in *two* or *three* months, as paroxysmal, believing that there is rarely, in so short a period, a complete lucid interval, although to the common observer it may be apparently so.

Strictly speaking, a periodical case is one that occurs at regular periods of *one*, *two*, or more years, and cases occurring at periods very irregular should not be so denominated. This method of recording would materially lessen the number of periodical cases, for probably

less than *one* half the number have this regularity. Our recommitments are principally periodical cases and not relapses; many of them occur, after awhile, at nearly regular intervals and become habitual; a very slight cause, in such a case, will be sufficient to reproduce the disease, and it doubtless may occur merely from habit.

There is at present in the Hospital, a young female who has had *four* attacks of insanity in about *eight* years; another middle-aged woman, has had *three* attacks in less than *four* years; the former has a paroxysm of about *four* weeks, and then becomes as rational as ever; the other is a violent maniac *one* month, is convalescing a *second*, then is quite well in all respects, till another attack. *One* of these patients is deeply interested in every benevolent movement, gets easily and frequently excited, is very zealous in promoting whatever cause she espouses, and exceedingly censorious of all counter movements; in this way, keeping her mind and feelings in a condition to be acted upon by any occasional cause of insanity.

The other is very zealous in the cause of religion, is in constant anxiety for her children, that they should walk in the true and only way of salvation; *twice* she has become excited by an unusual attention to the subject of religion in her neighborhood, and *once* by the sickness of a child, for whose recovery and especially for whose religious well-being she was particularly anxious; added to this was watching, anxiety, irregularity of life, which, combined, made a strong impression upon her nervous system, and produced the present severe attack of insanity from which she is very favorably convalescing.

Persons subject to hereditary insanity, and especially those who are liable to periodical returns of it, should be extremely careful to avoid every unnecessary excitement of the feelings, and all undue exertion of the intellect; they should also be prudent of bodily health and avoid every occasional cause of disease. By persevering in this course, they may generally avoid insanity in the first instance, and the repetition of it afterwards.

Those first principles of physical education which teach us how to avoid disease, are all-important to all liable to insanity from hereditary predisposition. The physical health must be attended to, and the training of the faculties of the mind be such as to counteract the active propensities of our nature, correct the disposition of the mind to wrong currents and too great activity, by bringing into action the antagonizing powers, and thus giving a sound body and a well-balanced mind. Neglect of this early training entails evils upon the young which are felt in all *after* life.

The most frequent causes of predisposition to insanity are unrestrained indulgence of temper, unbridled appetites and desires, pernicious mechanical restraints upon the free movement of organs essential to life, improprieties of dress, excessive effeminacy, or ill-directed education, by which the individual is not prepared to meet the vicissitudes and trials which must be encountered in the journey of life—and particularly from that *intensity* of the mind and feelings, which is too often encouraged, but which over-taxes the young brain and excites it to morbid irritation or actual disease. If this is not counteracted, it will most assuredly result in that perversion of the faculties which is exhibited in mental alienation or in organic lesion which will sooner or later prove fatal.

Let this subject receive the attention it should do, and insanity will lose half its victims, and hereditary predisposition be divested of most of its terrors.

Having gone fully into the explanation of the tables, and commented freely on many topics more or less intimately connected with them, I proceed briefly to notice some subjects of interest before closing the report ; and first,

LABOR AND EMPLOYMENT.

The labor performed during the year, in all departments of industry, at the Hospital, whether we consider its utility to the individuals employed or its pecuniary advantages, has never been more successful.

No class of our patients are so contented and happy as the laborers, no other convalescent recovers so rapidly or so favorably. On the farm, in the garden, at works of ornament and improvements, we have a sufficient number of individuals ready, at all times, to lend a helping hand ; so also in every department of domestic labor and in the workshops, those of our patients who are versed in these employments, obey the summons to labor with cheerfulness and alacrity.

In the winter season we find it difficult to give employment to as many as would be benefited by it. The wood-yard, the shoe-shop and carpenter's shop, and the various domestic occupations, furnish but a moiety of employment for the numerous operatives in the establishment. In the spring and summer, the garden and the farm open a broader field.

The last season has been very favorable for horticultural and agri-

cultural products, and the quantity of valuable articles raised on our grounds, is given in a list below, furnished by the steward.

30 tons of hay, valued at	\$300 00
100 bushels of corn, at 75 cents,	75 00
120 " of onions, at 50 cents,	60 00
350 " of potatoes at 25 cents,	87 50
410 " of carrots, at 2s.	136 66
420 " of beets, at 2s.	140 00
210 " of turnips, at 25 cents,	52 50
130 " of parsnips, at 50 cents,	65 00
100 " of ruta бага, at 25 cents,	25 00
1000 " of cabbages, at 5 cents,	50 00
7 loads of pumpkins, at \$1 50	10 50
4 " of winter squashes,	30 00
50 bushels of cucumbers,	50 00
Green peas,	40 00
Garden beans,	40 00
	<hr/>
	\$1,162 16
Pasturing one pair of oxen and nine cows 26 weeks, at 3s.	143 00
5,881 lbs. of pork fatted, at 6½ cents,	382 27
Small pigs sold,	83 46
3 cows fatted and sold,	117 00
	<hr/>
Amount,	\$1,887 89

Besides the labor on the farm and in the garden, of which the inmates of the Hospital have done a large proportion, many important improvements have been made upon the grounds and in the fields; the meadows have been extensively drained and made better, the pastures have been cleared of stones and bushes and made more beautiful and productive, extensive walls have been made, especially a bank wall substantial and handsome, of *forty* or *fifty* rods in length in front of a grove which has been much improved, laid out into walks and paths, and rendered smooth, and cleared from stone. Whatever has been done in this way, is designed to be permanently and thoroughly done, having in view both utility and beauty.

In these various ways, we are enabled to employ a great amount of labor, to interest our patients in improvements and productions which they, as well as others, see to be valuable and useful to all. We have

placed upon our premises *one hundred* thrifty apple trees of the choicest varieties of engrafted fruit, many of which begin to bear. We have also a great number of English cherry trees, pear trees and peach trees, all of which are growing rapidly, and many of them already furnish specimens of choice varieties of fruits. Whoever comes after us, will discover that, in these particulars, we have labored in prospective, and that our object has been to give permanency to the means of enjoyment, as well as to partake of them ourselves.

Much yet remains to be done to ornament and improve the Hospital grounds, but no small advance has been made in the *eight* years of our residence here. The effect of our labors will be more and more apparent, as years roll away and leave the bearing fruit tree, the elm, the maple, the pine and larch that have been planted by our hands, spreading their shades and extending their branches, the monuments of our industry and care.

In the shoe-shop, we have had more or less workmen constantly employed, and, in the course of the year, *ten* shoe-makers, who were more or less acquainted with the business, have contributed their aid. In no department of labor has more good been effected to the laborers themselves, in proportion to the number employed, than in this. Though it is no great profit to the establishment, it is a great convenience, as we require much mending to be done, which is both troublesome and expensive when done abroad.

The following exhibits made by the steward, from items procured from the books of the overseer of this department, will show the result.

Amount of shoes sold, and work done for patients,	\$437 19
Shoes sold for stock,	176 27
“ sold to family and help,	264 06
“ sold, and work for other persons,	30 00
“ made and on hand,	30 00
	<hr/>
	\$937 52

EXPENSES.

Amount of stock used,	479 97
Board and wages of overseer,	325 00
Fuel and lights,	12 00
Binding,	30 00
	<hr/>
	\$846 97
	<hr/>
	846 97
	<hr/>
Profit,	\$90 55

It is difficult to find mechanical employments, that can be pursued without loss, in such an institution; the shoe-making is an exception, and has always supported itself and afforded a small profit. There are always carpenters and cabinet-makers in the Hospital, and when we have mechanical labor of that sort to be done, they unite in it, and are auxiliaries on whom we rely for considerable aid.

It is different in all domestic labor, for in every department we can, at a moment's warning, call together whatever help is needed, and in the kitchen, laundry and wash-room, are every day found many individuals usefully and pleasantly employed, from whose labor important benefit is mutually derived. Of the benefit of labor it is difficult to speak definitely; it is customary for patients who have been brought up to labor, as soon as the first excitement is over, to request employment; it is granted and considered by them as a great favor:—they work well for weeks or months, till they are nearly or quite recovered, they sleep well after the fatigue of the day, always have a good appetite, and are cheerful and happy; the same excitement which, by others, is expended in mischief and noise, they expend in useful and agreeable employments, and they leave the Hospital better satisfied with its government, and with themselves, than those who have been unaccustomed to manual labor, or who declined to engage in it.

The following case, from among many, will show the benefit of labor. A farmer aged about *thirty*, was brought to the Hospital in August last, so violent as to be attended by *five* stout men; he had been reduced by disease and remedies, but was considered violent and dangerous. A few days after his admission, he requested to go out and aid the farmer in his work; he was permitted to do so; after he commenced labor, he improved in a very favorable manner, slept well, had a good appetite, and gained flesh and strength; at the end of a month, he was well, and before the expiration of *two* months, he returned to his home quite recovered. In such a case, it is difficult to conceive the effect of confinement; irritation, anger and violence, requiring restraint, might have followed, which would almost necessarily have made a protracted case, and probably an imperfect cure.

Many of the old residents pursue, from year to year, a regular course of employment; they are diligent and faithful, have liberty to go where they please about the premises, and accomplish a great amount of valuable service.

AMUSEMENTS.

The patients who do not labor, have many regular active amusements to furnish them with exercise necessary to health.

The females ride daily in a carriage kept exclusively for the purpose, take long walks when the weather is pleasant, swing, throw the ring, play at battle-door, graces, &c. They have their parties every week, or every other week, in the matron's room, or, under her direction, in the halls or porticoes; these are pleasant seasons, at which, after finishing their work, they have fruits and other refreshments. The dancing parties are held in the female halls, which a large proportion of the quiet patients attend, and enjoy the music and the exercise with great delight.

Many read, and, particularly in winter evenings, play at chess, cards, dice, drafts or chequers, backgammon, &c. All work, more or less, with the needle, knit, embroider, or any thing that they choose, which would be proper in any female circle. Many of the quiet and convalescent patients walk abroad unattended, mingle with the family, and join in conversation and social enjoyments.

The amusements of the male patients are, in many respects, similar to those of the other sex. They ride less and walk more, they have more active diversions, as athletic games, nine-pins, &c., and long rambles unattended, on a pledge of punctual return. They read much, unite in all the games which have been enumerated, sing, play on instruments of music, &c. Many of the laboring patients have their pastimes and holidays, and live, from year to year, without a wish for home or change.

Next to manual labor, reading, writing and amusements, are important for the insane; they divert the mind into new and pleasant channels of activity, make them forget their troubles and delusions for the time, and give vigor and energy to the physical system. Occupations of one sort or another should be as constant as possible, and such as are congenial to the feelings are always to be preferred.

HEALTH.

DIET. The means of promoting and securing the health of patients in the Hospital are good, and, in general, we are a healthy community. The diet which we use is substantial, but plain and simple.

We do not weigh or measure our food, but ordinarily allow all to take as much as they desire.

The food is never the same two days in succession. The breakfast consists of coffee, bread and butter, and often a hash of meat, or a cold cut with warm potatoes; or milk if it is preferred.

The dinner consists of animal food, with bread and a profusion of garden vegetables.

The supper is of tea or cocoa, with bread and butter, cheese, often plain cake or mush and molasses, or bread and milk.

On Monday, the dinner is a boiled dish of corned beef or mutton and boiled pork, with bread and vegetables in plenty and variety.

On Tuesday, the dinner is roast meat, with vegetables; bread and butter is always on the table at each meal in the better galleries.

On Wednesday, we have peas or beans, with meat and vegetables. Fresh fish is often substituted for these articles; this is particularly the case in the summer season, when bowel complaints are prevalent.

On Thursday, we have soup, with vegetables and meat.

On Friday, the boiled dish again, the same as on Monday.

On Saturday, salt fish, vegetables and boiled rice.

On Sunday, no meat is given.

Three days in the week, puddings are given with the dinner. When a patient prefers it, milk is used, and many take it more or less through the season; during the summer months, some part of our household have milk for dinner or supper every day.

Water is the only drink with dinner. The native fruits are always given freely when plenty. Every patient has a supply of apples daily, in the fall and winter seasons.

We have little or no complaint of the quality or quantity of food. The bread is made of the best flour in the market, of which there is used about *five* barrels a week. The common New England brown-bread is also used by those who prefer it.

For the sick, and such persons as require a variation from the standard diet of the Hospital, a diet is prescribed daily, or as often as is necessary in each case.

WARMTH AND VENTILATION. The excellent arrangements for warmth and ventilation in the Hospital contribute no less to the health than the comfort of its inhabitants. In every attempt at warming an institution, or any large public building, both these objects must be considered. Purity of air is no less essential than warmth of temperature. Warmth can be diffused much more readily and effectually in a

building in which suitable arrangements for ventilation are made. The currents *in* and *out* of the apartments should be free. Warmth by furnaces is not communicated by radiated heat, as from a fire-place or stove, but by a supply of air being introduced, raised to a warm temperature, to take the place of air that escapes by the ventilating passages; without these passages the air already in the apartments will not escape, and consequently a new supply of warm air cannot be introduced to any desirable extent.

The desideratum on this subject is, to admit free currents of air, warmed to a suitable but not high temperature, and always to have ventilating passages, so as to allow free currents of air to escape. Without this latter provision satisfactory results will not be had from hot air-furnaces; with this arrangement in due proportion, the apartments will be easily warmed, readily ventilated, and made pure and wholesome. Another consideration must not be overlooked. The air admitted must be taken from out of doors; no suitable supply can be obtained elsewhere, and the ventilating openings should go up in the centre wall of the building and terminate in the attic, and not open out of the building. Stoves, steam and hot water are all objectionable as modes of warming public buildings, in which a large number of individuals congregate, and much more reside; they do not aid ventilation, and ventilation cannot be thorough and perfect by any other mode whatever than by hot air-furnaces, which continually force in liberal currents of warm, pure air.

It is surprising how little this subject is understood, and how badly the principle, simple as it is, is usually applied. In this Hospital one experiment upon another has developed the true method, and our apparatus for this purpose is as perfect as we can expect or desire.

The furnace which is most approved is manufactured by our ingenious townsman, Wm. A. Wheeler, Esq., from a model of his own invention, which, with comparatively little fuel, heats a great current of air, sufficient, in ordinary weather, to warm a building *one hundred* feet long by *thirty-five* wide, and *three* stories high. *One* of these furnaces is placed in each of the *four* wings of the Hospital. The fuel which they all consume, during the season when fires are necessary, varies little from one cord of wood a day. Two or three small furnaces, in addition, are used a few days in the year, when the weather is extremely cold.

The temperature of the Hospital is agreeable and uniform, not varying as much in all the cold season as it does in the month of July.

Fires are kept burning in the night when the thermometer is down to *ten* or *twelve*, and the degree of warmth is regulated at all times by the thermometer. Health generally prevails in winter and there is no suffering at any time from cold.

BATHS. The importance of the warm and cold bath is properly appreciated in all institutions for the insane. In this Hospital we have conveniences for both, well adapted and simple. In each of the galleries of the centre wings is an arrangement for warm bathing; there are also in the establishment *six* shower-baths, besides which there is a bathing room for common resort. Baths are frequently used for cleanliness, and are often prescribed as a remedy for disease. It is a common error to disregard the most obvious means of health by neglecting the state of the skin. This is the more singular as the means of promoting it are so pleasant and so easily found.

For the insane, baths are peculiarly desirable, as the secretions of the skin are often offensive and unhealthy; in many cases they make impressions on the nervous system which are extremely favorable. As remedial agents we have not found baths to supersede the necessity of other remedies, but have often found them useful auxiliaries.

DISCIPLINE.

RESTRAINTS. The British institutions are at present making an effort to surpass each other in the success of managing the insane without restraints. Some of them have abolished them almost entirely, while others have noted the hours, in the course of the year, that they have applied them. The restraints here considered are the strait waistcoat, muffs, mittens, and confining *chains*; solitary rooms are not included. *chains*

In this Hospital strait waistcoats and muffs are never used, and confining *chains* but rarely. Mittens and wristbands are all the restraints which are here applied, and those only when absolutely necessary to the comfort of the individual, or the safety of the patients who occupy the same apartment. These restraints are made use of for two purposes for the individuals themselves, viz. to keep clothes upon them when they are disposed to take them off, and as a safeguard in case of suicidal propensity. For the more violent, such as strike, tear clothes and bedding, break furniture, &c. they are sometimes applied for a short period, but never continued for a great length of time.

While restraints should be applied as rarely as possible, and never

for the benefit of the attendant, but only for the good of the patient or the safety of those with whom he associates, yet I cannot but consider them as important auxiliaries in the treatment of the insane. It is undoubtedly true, that, with corporeal restraints judiciously applied, patients will sooner be made tranquil than by the presence of one or more attendants, who they know will watch all their movements and interfere with their mischievous designs. Their presence will often be a source of irritation which will serve to keep up the excitement, and, in most cases, restraints that are not painful are far less disagreeable to both the furious and suicidal patients, than that unceasing surveillance which is necessary as a substitute.

Whenever a patient is under restraint, we frequently propose a release, on condition of a pledge to avoid the irregular conduct for which it was imposed; these pledges we require to be given in a solemn manner, stating to the patient the condition he will be in, if, by a forfeiture of his word, it should be necessary to re-apply them; both his self-respect and desire of liberty are here called in requisition, to prevent him from further violation of decorum, and afterwards, in many cases, restraints cease to be necessary.

PLEDGES. We think much of pledges with the insane, and often avoid restraints, by taking the word of a violent patient to be quiet and peaceable. Even the suicidal, who have been detected in making preparation for self-destruction, or in secreting instruments for future use, will generally, and, with me, have never failed to adhere strictly to a pledge given in good faith, with feelings of solemnity.

With most patients, ever so violent, there are times when they will make promises, which will have no inconsiderable influence. Those who are desirous to labor, are easily induced to give a pledge to be orderly and industrious, and make no effort to escape.

A more quiet and regular class of patients, of which we always have more or less, are permitted to go abroad unattended, on a pledge to return with punctuality, and few indeed ever forfeit it.

Advancement to a better gallery, permission to ride or walk, admission to the matron's parties, liberty to attend chapel on the Sabbath, are obtained on a pledge given or implied and well understood, that every propriety suitable to be observed in the place, is absolutely binding on them. It is sufficient in most cases, for patients to know, that privation of privileges will follow violation of a pledge, to induce them strictly and punctually to adhere to whatever is expected of them.

Having adopted this course with respect to pledges, and the inculca-

tion of self-respect and self-control, we have very little need of personal restraints; and while this sheet is being written, but *one* individual in the Hospital has any restraint upon his person, and this only to prevent his destroying his clothes and bed; he is quiet and entirely harmless.

COURTS OR YARDS. By relying upon the pledges of our patients and inculcating self-respect, we have been able to dispense with the use of courts. They have a prison-like appearance, and while in them, our patients were constantly rolling in the dirt, or sleeping upon the ground, thus soiling their clothes and becoming sun-burnt. We find that *one* attendant can take charge of the same number of patients while walking or at labor, as he could formerly in the courts, and they are more pleasantly and usefully employed. Escapes were more common while these were used, for, the wall being considered a protection, less vigilance was used by the attendants. We now dispense with them entirely, and find that not only the personal appearance of our patients is improved, but they are also more quiet and have more self-respect.

MEDICATION.

In some European institutions, reliance is placed only upon moral means and corporeal restraints, in the treatment of insanity. It is very obvious, however, to all who have witnessed the efficacy of medicine in removing maniacal excitement, that, in many cases, much suffering is permitted by such a course, which would soon be removed by the judicious administration of suitable remedies.

Many cases of insanity arise from disease of other parts of the system, which sympathize strongly with the brain; neither moral influence nor restraints, can reach the cause in such a case. In all cases in which the health is not good, remedies should be prescribed to improve it, and with the restoration of health thus effected, the mind generally becomes calm, and finally, rational.

In almost every case of melancholy, whether arising from moral or physical causes, the health is not good, the digestive apparatus is disordered, the secretions are bad, and the functions of organs important to health, are suspended or performed in an imperfect or unnatural manner; these are all proper subjects for medical treatment, and the neglect of it may leave the case to become chronic and incurable, while, with a different course, it would recover.

But there is a condition of the brain itself in insanity, which requires

the application of remedies, and which is as certainly relieved by them as any other severe disease by its appropriate means of cure.

Many of the insane do not sleep. Disease of the brain, in such cases, is a substitute for sleep. The use of sleep is to renovate the powers of life; but disease, with the maniac, keeps up the production of this principle, and perpetual activity is necessary for its expenditure. The maniac, like the child, must be active, because, in one way or another, he must expend the too abundant supply of the principle of activity produced by his diseased brain; he must work, or he must do mischief; he may bear cold and fatigue, and make efforts, bodily and mental, of which he was entirely incapable in health, because his muscles and his mind feel the influence of this accumulation of sensoreal power, and their activity does not expend it faster than it is produced. It is in this condition of the brain, that remedies operate like a charm; they remove the irritation upon which the excitement depends, compose the agitated state of the nervous system, and bring about quiet and repose. In this way, a healthy condition of the brain is produced, and the disease is cured. As soon as such a patient is brought, by the use of remedies, within the range of moral influence, these should be exerted to prevent the violence and mischief, to which the excited state of the brain constantly impels him.

LIBRARY AND PERIODICALS.

Reading and writing are among the most interesting employments in the Hospital.

The library, which has been considerably enlarged the past year, contains many valuable books, which are sought with much interest by all who are fond of reading. The tastes are as different in the Hospital, as abroad. The bible, however, is desired by all; few read any thing who do not read the bible more or less; no evil arises from it in any case that we can discover, but much would arise from withholding it. It is a means of self-control to many who have believed in its precepts, and who feel that they must not depart from its instructions.

Newspapers are freely circulated in the Hospital. Many read the religious papers, of which we have a good selection, with great interest and satisfaction; they are sought for, and carried from gallery to gallery, and from patient to patient, till they are worn out.

Another class of patients seek for the political papers, another for

the news and miscellaneous reading; all papers are extensively read, and we have many every day in the Hospital.

We acknowledge with gratitude, contributions of money, books and periodicals for our library, from the following gentlemen. From Isaac P. Davis, Esq., of Boston, *ten* volumes of valuable miscellaneous books; from Hon. Bezaleel Taft, of Uxbridge, contributions of money and means of procuring valuable works; from Dr. M^cDonald, of New York, a bundle of Foreign Reports, and an interesting account, from his own pen, of the Bloomingdale Asylum; from the Hon. Samuel Hoar, of Concord, a handsome sum of money for this object; from the Rev. T. F. Norris, of Boston, valuable contributions of books and papers; from the venerable Noah Webster, LL. D., of New Haven, an ingenious pamphlet on the English language; from Julius W. Adams, of Westfield, *fifteen* vols. of valuable miscellaneous books; from Henry Hill, Esq., of Boston, the History of Missions, *three* volumes of the Missionary Herald, and various pamphlets and newspapers; from Dr. Pliny Earle, of the Friend's Asylum, Frankford, Penn., a bundle of reports of foreign institutions and copies of reports of the Asylum, with which he connected.

The following journals and periodicals have come to hand more or less regularly from the editors or unknown friends. The Springfield Republican, from Mr. Bolles, its editor and publisher; the Boston Recorder and Youth's Companion; the Gospel Messenger, Utica, N. Y.; the Utica Observer; the New York Baptist Register, Utica; the Oneida Whig; the Utica Democrat, and many favors of the same kind from our friend Dr. Batchelder, who has kindly forwarded the Journal of Commerce, and the New York Evangelist, and who has otherwise taken a deep interest in the welfare of this institution. We receive regularly, the Greenfield Mercury and Gazette; the Taunton Whig; the Phrenological Journal; the Sabbath School Visitor; the New Hampshire Sentinel, Keene; the Temperance Union, N. Y.; the Haverhill Republican; the New Hampshire Patriot; the Botanical Medical Recorder, from A. Curtiss, M. D., editor; the Olive Branch, Boston; the Hampshire Gazette, Northampton; the Boston Temperance Journal; the Albany Evening Journal; the Old Colony Memorial; the Barnstable Patriot; many numbers of the New York Observer, from David Hitchcock, Esq., Sturbridge, Ms.; and many other occasional contributions.

If the individuals who have favored us with this amount of interesting and valuable reading could justly appreciate the pleasure they have

given our numerous family, I am quite sure they would feel themselves fully rewarded for the trouble these contributions have occasioned them. We are happy to acknowledge our obligations for all favors received in this way.

FIRE DEPARTMENT.

The vote of the trustees to procure a fire engine has been carried into effect in a very satisfactory manner, and an engine has been procured at a reasonable price, which has sufficient power to throw water on any part of the Hospital building.

After the engine was procured, no time was lost in organizing the men employed in the establishment, with such quiet and active patients as were disposed to unite under the direction of the steward and assistant physician, into a fire company. This company assemble on Monday of each week, at the ringing of a fire bell, and exercise the engine by throwing water upon the building, washing the windows, and, in various ways, giving exercise to all who may be disposed to unite in the sport.

This organization was formed that we might be in readiness, in case of fire about the premises, to act with concert and efficiency in its extinguishment.

Buckets have also been procured to hang by the water-tanks in the attic story, and in the hall of the centre building, that they may be in readiness, if needed.

Every man in the Hospital knows where he is to be found should an alarm of fire be given, and every precaution is used to prevent fires by attending to stoves, pipes and open fires in the building, and by strict injunction that no lamps or candles shall be carried about the building at any time except in lanterns.

The reservoir of water, which is always nearly or quite full, has been a great source of relief in contemplating the subject of fires and the difficulties that previously existed of procuring water in case of necessity. This reservoir contains nearly *twenty thousand* gallons, and was not frozen over last winter.

The subject of fire has always occasioned us great anxiety. The present arrangements, with the employment of a watchman, afford much relief. We hope to escape a calamity great, in any case, but most dreadful in a hospital for the insane.

CHAPEL AND RELIGIOUS SERVICES.

The Rev. Julius A. Reed officiated as chaplain of the Hospital for *one* year ending the first of October. His services were well appreciated, and he left us with the good wishes of all our family. He is a plain, practical preacher, sincere and honest in his efforts to do good, and succeeded well in winning the affections and securing the confidence of his hearers. His services were always judicious and solemn, well attended to, and influential on the conduct of his audience. No disturbance ever took place in the chapel during his ministrations, and universal regret was felt in our household at his departure.

After Mr. Reed decided to leave his charge, immediate application was made to the Rev. George Allen to supply the vacancy. He received the appointment of chaplain and commenced the duties of his office on the first of October. From our knowledge of Mr. Allen we were led to suppose that his good sense, experience and practical wisdom would qualify him for the station. In this we have not been disappointed. We consider ourselves fortunate in having obtained a chaplain of such talents and varied attainments, and have strong confidence that, under his auspices, increasing good will result from our chapel services.

We have now had regular religious worship on the sabbath for more than *three* years. In the course of that time nearly *six hundred* patients have attended meetings more or less, and less than *ninety* have been in the Hospital who have failed to attend.

Our expectations of benefit from the chapel have been more than realized. From *one hundred and twenty* to *one hundred and fifty* patients assemble on each sabbath, and no congregation is more orderly and attentive. There is a solemnity visible in the countenances of those present which clearly indicates that they know for what purpose they have come together; and even those who are at first disposed to be restless and disorderly catch the influence which is every where prevalent around them, and become calm and sober themselves.

The instances of self-control manifested in the chapel, by those who are often greatly excited, restless and noisy in the halls, are truly remarkable.

The sabbath previous to the day on which this sheet was written, a woman, who had been greatly excited, very profane and noisy, requested to attend chapel. All efforts at self-control while in the halls were unavailing, except for a few moments at a time; she would promise to

be quiet, but, in a moment, be as noisy and talkative as before. Knowing, however, her reverence for the sabbath, and the strength and sincerity of her resolutions to be quiet, she was permitted to attend. The most careful observer would not have been able to detect any thing in her appearance and conduct that would distinguish her from the most dignified and rational person in the house.

During the evening previous to the same sabbath, a patient, furiously mad, was brought to the Hospital in the care of a sheriff. He had been considered quite dangerous, and the sheriff hesitated whether it would be safe to come with him unless he was confined in irons. He appeared calm on the following morning, and it was proposed that he should attend chapel; he seemed pleased with the privilege, attended the service all day, and conducted with the utmost propriety. These occurrences, which were of yesterday, are happening almost every sabbath, and show most clearly the propriety and importance of religious worship to the insane.

The truth is, that many insane persons are rational on religious subjects, and a few are insane on these subjects only. Both classes are often benefited by religious instruction.

It is through the healthy avenues of the mind that religious truth is received and makes its impression upon the feelings. On most subjects the insane can reason and feel the force of reasoning as well as others, and, even if insane on religious subjects, plain and forcible illustrations of truth may weaken their confidence in insane impressions and throw light where darkness only has been prevalent.

The habits of New England people require order and decorum in the place and time of religious worship. The insane feel the force of this habit equally strong; they frown upon those who work or trifle upon the sabbath, and are particularly indignant to those who are disposed to disturb the quiet of our religious assemblies. There is a feeling of pride extending over our whole household in the quiet and orderly observance of the sabbath in the Hospital. The good counsels of the chaplain are treasured up and often repeated in the week time, as motives of self-control to themselves and as admonitions to others.

When patients have recovered and are about to return to their friends, they often speak of their enjoyment of chapel exercises, express their regret at leaving those interesting services, and implore the blessing of heaven upon future ministrations.

An excellent woman who recovered from dreadful melancholy at the Hospital, a year or two since, writes in substance thus, after inquiring after the general welfare of the family:—"How do you get along in

your beautiful little chapel? I shall ever feel deeply interested in your religious meetings, as I feel sensible that one of the first rays of light that entered into my benighted mind was in the solemn worship of that house."

CONCLUSION.

I cannot close this report of the Hospital without expressing my gratitude to all who have aided me in the administration of its affairs. I have ever found the trustees ready to assist me in my labors and counsel me in my difficulties. The duty is more arduous upon them, particularly upon those who are in our immediate vicinity, than the public are generally aware. Their advice is sought, or they are called upon for some information concerning the institution, almost daily, which must be a heavy tax both upon their time and patience.

The services of Dr. Chandler, the assistant physician, are identified with the institution and indispensable to its prosperity. We have now been associated nearly *eight* years in the arduous duties of the place. We have met and surmounted many difficulties together. On his good judgment and sound discretion I have ever relied with confidence and safety.

To Mr. and Mrs. Ellis, the steward and matron of the Hospital, we are indebted for most valuable services. They have carried into every duty a zeal and ability worthy of all praise, and are ever ready, with a cheerful spirit, to anticipate the wants and to contribute to the happiness of all associated with them, or who rely upon them for aid and counsel.

All persons employed in the Hospital have seemed desirous to promote its interests as far as practicable.

For whatever of prosperity or success has attended our efforts in the management of the Hospital during the past year, we are greatly indebted to the industry, vigilance, faithfulness and devotion of those who have labored in subordinate stations.

Surrounded by such faithful auxiliaries the duties of superintendent are rendered pleasant and comparatively easy. If zeal in the cause of the institution and devotion to its interests will secure future success, relying on Divine aid for a blessing, we pledge to it our best efforts for its continued prosperity.

SAMUEL B. WOODWARD.

State Lunatic Hospital,
Worcester, Nov. 30th, 1840. }

REGISTER OF THE WEATHER, kept at the State Lunatic Hospital, Worcester, Mass., Lat. 42° 15' 49" — Elevation 483 ft.

STATE LUNATIC HOSPITAL.

1840. JANUARY.		THERMOMETER.		BAROMETER.		WIND.		WEATHER.		REMARKS.	
Day of Month.	Day of the Week.	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset.	Sunrise	2 P. M.		Sunset.
1	Wednesday	1 below	8	6	29.46	29.46	N. W.	N.	Fair	Fair	Very cold day.
2	Thursday	3 do	11	12	29.31	29.29	N. W.	N. W.	do	do	Cold day at 10 o'clock, A. M.; thermometer 1°.
3	Friday	4	16	16	29.33	29.37	N. W.	do	do	do	Aurora Borealis.
4	Saturday	11	20	18	29.33	29.32	do	S. W.	do	do	Very pleasant day. Aurora Borealis.
5	Sunday	15	25	25	29.30	29.26	W.	W.	do	do	Aurora Borealis. Brilliant zodiac light.
6	Monday	24	28	25	29.31	29.34	S. W.	N. W.	do	do	
7	Tuesday	10	23	27	29.48	29.49	N. W.	do	do	do	Very pleasant day. Filling ice-house.
8	Wednesday	13	27	25	29.44	29.41	do	do	do	do	
9	Thursday	12	23	29	29.41	29.39	do	do	do	do	
10	Friday	22	31	30	29.23	29.25	do	do	do	do	Splendid sunset.
11	Saturday	30	25	22	29.37	29.45	N. E.	N. E.	Snow	Snow	Wind S. W. till about sunrise; 4 inches of snow fell.
12	Sunday	9	14	14	29.32	29.60	do	N.	Cloud.	Fair	Cold and clear day; thermometer at zero at 10 P. M.
13	Monday	15	23	23	29.43	29.31	S. W.	S. W.	do	do	Snow storm comm. 10 A. M.; wind S. W.; 3 inches
14	Tuesday	17	30	28	29.19	29.14	do	do	Fair	Fair	Two inches of snow fell in the evening. [of snow fell.
15	Wednesday	23	24	22	28.97	28.96	N. W.	N. W.	do	do	Therm. 5° at 9 o'clock, P. M. [1 below at 9 P. M.
16	Thursday	5	5	5	29.18	29.29	do	do	do	do	Therm. 6° below at 3, A. M., 4 below at 9, 2 below at 10,
17	Friday	9	8	9	29.41	29.44	W.	W.	do	do	Thermometer 8° below at 8 o'clock; clear and cold.
18	Saturday	4	7	5	29.46	29.45	N. W.	N. W.	do	do	Thermometer 8° below at 6, A. M.; clear and cold.
19	Sunday	2	13	19	29.43	29.45	S. W.	S. W.	do	do	
20	Monday	22	32	23	29.33	29.38	do	do	do	do	Wind changed at 12, M. Brilliant zodiac light.
21	Tuesday	31	39	35	29.21	29.36	do	N. W.	Cloudy	do	Snow storm comm. at 11, A. M.; 1 foot of snow fell.
22	Wednesday	14	19	16	29.55	29.50	N. E.	N. E.	do	do	Wind changed to N. W. at 9 A. M.; squally, P. M.
23	Thursday	14	25	26	28.76	28.58	do	N. W.	Snow	do	High winds.
24	Friday	8	15	15	9.22	29.32	S. W.	S. W.	Fair	do	
25	Saturday	1	20	13	9.37	29.60	W.	W.	do	do	Snow squalls.
26	Sunday	6	14	16	29.84	29.83	W.	N. W.	do	do	Snow storm commenced at 10 A. M.; 2 inches of snow [fell.
27	Monday	13	19	13	29.82	29.76	N. W.	N. W.	do	do	
28	Tuesday	12	23	21	29.35	29.73	do	do	Cloudy	do	
29	Wednesday	34	34	34	29.53	29.46	S. W.	S. W.	Rain	do	High wind in the night.
30	Thursday	34	33	36	29.11	28.96	N. E.	S	do	do	Aurora Borealis.
31	Friday	25	23	25	29.16	29.45	N. W.	N. W.	Fair	Fair	

The weather during the past month has been very cold. Much snow has fallen. The Thermometer has ranged from 9° below zero to 39° above. Barometer from 28.58 to 29.88.

REGISTER OF THE WEATHER—Continued.

1840.

FEBRUARY.		THERMOMETER.		BAROMETER.		WIND.		WEATHER.			REMARKS.
Day of Month.	Day of the Week.	Sunrise	2 P. M.	Sunrise	2 P. M.	Sunrise	2 P. M.	Sunset	2 P. M.	Sunset	
1	Saturday	22	21	29.65	29.62	S.	N. E.	N. E.	Cloudy	Cloudy	Snow storm commenced at 8 A. M.; 3 inches of snow [fell.
2	Sunday	5	26	29.72	29.63	N.	N.	S.	Fair	Fair	High wind. Squally.
3	Monday	16	25	29.30	29.29	N. W.	N. W.	N. W.	do	do	Afternoon lazy.
4	Tuesday	3 below	3	29.47	29.55	N. W.	do	do	do	do	Clouds came from S. W. about 10 P. M.
5	Wednesday	4 do	15	29.79	29.75	do	S. W.	S. E.	do	do	Rain commenced at 4 o'clock, A. M. with high wind;
6	Thursday	21	35	29.60	29.65	S. W.	do	S. W.	do	do	[wind changed at 8 A. M. and storm ceased.
7	Friday	44	46	29.40	29.56	do	N. W.	N. W.	Rain	Foggy	Hazy; rain in the evening commenced about 6 P. M.;
8	Saturday	31	36	29.61	29.49	N.	S. W.	S. W.	Cloudy	Fair	Dense fog, cleared off in the night. [very rainy night.
9	Sunday	35	52	29.45	29.45	S. W.	do	do	Fair	Foggy	Pleasant day.
10	Monday	36	42	29.00	28.95	do	S.	do	Rain	Foggy	Halo around the moon.
11	Tuesday	28	29	29.05	29.18	N. W.	N. W.	N. W.	Cloudy	Fair	Storm of rain and hail; high wind from S. W. in the
12	Wednesday	17	33	29.34	29.41	do	do	do	do	do	High wind. [night from 12 to 3 o'clock.
13	Thursday	30	40	29.45	29.60	S.	do	do	Cloudy	Rain	Halo around the moon. Snow squalls in the night.
14	Friday	27	34	29.96	29.83	N. E.	S. E.	S. E.	Fair	Fair	Mild and pleasant.
15	Saturday	31	32	29.21	29.44	N. W.	N. W.	N. W.	do	do	Warm day; snow disappears rapidly.
16	Sunday	13	26	29.92	29.94	do	do	S.	do	do	Thaw. Severe shower from 2 to 3 o'clock, A. M.
17	Monday	27	44	29.73	29.74	S. W.	S. W.	W.	do	do	Thaw.
18	Tuesday	31	40	29.88	29.88	do	N.	N.	Rain	Cloudy	Warm day.
19	Wednesday	36	46	29.74	29.72	do	S. W.	S. W.	Fair	Fair	Wind changed in the night; cleared off cool.
20	Thursday	44	54	29.62	29.52	do	do	do	do	do	Light snow, A. M.
21	Friday	42	46	29.54	29.80	do	N. W.	N. W.	Fair	Fair	Rain in the night.
22	Saturday	28	46	29.84	29.75	N. W.	S. W.	S. W.	Cloudy	Cloudy	Very pleasant day.
23	Sunday	50	57	29.44	29.38	S. W.	do	do	do	Foggy	
24	Monday	36	36	29.35	29.40	N. W.	N. W.	N. W.	Fair	Fair	
25	Tuesday	28	30	29.42	29.40	do	do	do	Cloudy	do	
26	Wednesday	25	33	29.44	29.20	S. W.	S. W.	do	Fair	Fair	
27	Thursday	35	34	29.44	29.50	N.	N.	N.	Cloudy	do	
28	Friday	33	39	29.58	29.42	N. E.	N. E.	N. E.	do	do	
29	Saturday	36	40	29.43	29.54	N. W.	N. W.	W.	Fair	Fair	

The early part of the month of February was cold, winter weather; the latter part has been very mild, attended by warm rains and pleasant sunshine, which have wasted the snow rapidly, and at the end of the month the ground was nearly bare and there is every indication of spring. There is no frost in the ground. The blue bird and the robin have already arrived among us. Extremes of the barometer 28.85 and 29.96. Thermometer 4° below zero and 57° above.

REGISTER OF THE WEATHER—Continued.

1840

MARCH.		THERMOMETER.			BAROMETER.			WIND.			WEATHER.			REMARKS.
Day of Month.	Day of the Week.	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset	
1	Sunday	34	37	35	29.55	29.50	29.45	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy	Evening, rain.
2	Monday	35	60 ✓	53	29.27	29.30	29.37	W.	N. W.	N. W.	Fair	Fair	Fair	Very warm and pleasant day.
3	Tuesday	35	54	48	29.39	29.30	29.34	N.	S. W.	S. E.	do	do	do	Rain at 3 o'clock.
4	Wednesday	44	64	59	29.18	28.94	28.89	S. W.	do	S. W.	Cloudy	do	do	Warm day. Evening, thunder and lightning.
5	Thursday	43	38	35	28.79	28.82	28.94	N. W.	N. W.	N. W.	Fair	do	do	High wind.
6	Friday	27	46	45	29.03	28.85	28.84	S. W.	S. W.	S. W.	do	do	do	High wind. Aurora Borealis.
7	Saturday	31	32	33	28.93	28.76	28.50	do	N. W.	N. W.	do	do	do	Squally. Great change in the weather. Cold.
8	Sunday	6	22	31	29.20	29.27	29.14	N. W.	do	do	do	do	do	
9	Monday	29	42	43	28.86	28.74	28.77	S. E.	S. W.	do	Cloudy	do	do	Snow and rain A. M.; pleasant P. M.
10	Tuesday	33	48	32	28.86	28.76	28.86	S.	do	do	do	do	do	Showery. Snow squall.
11	Wednesday	14	22	23	29.07	29.14	29.25	N. W.	N. W.	do	Fair	do	do	Very cold.
12	Thursday	17	29	30	29.33	29.33	29.37	S. W.	do	W.	do	do	do	
13	Friday	23	34	33	29.32	29.33	29.40	N. W.	do	N. W.	Cloudy	do	do	
14	Saturday	26	33	33	29.54	29.56	29.59	do	do	do	Fair	do	do	
15	Sunday	22	34	35	29.43	29.31	29.18	S. W.	S. W.	S. W.	do	do	do	
16	Monday	29	46	42	29.20	29.24	29.29	do	N. W.	N. W.	do	do	do	
17	Tuesday	34	44	33	29.27	29.13	29.16	N. E.	N. E.	N.	Cloudy	do	do	
18	Wednesday	24	46	44	29.40	29.48	29.48	S.	S. W.	S. W.	Fair	do	do	Very pleasant day.
19	Thursday	30	54	44	29.52	29.53	29.48	N. W.	S. E.	S. E.	do	do	do	Snow storm commenced 10½ A. M.; from 3 to 4 inches
20	Friday	34	42	44	29.45	29.44	29.45	N. E.	N. E.	N. E.	Rain	do	do	Foggy morning; heavy cloud at the S. W. at 6 P. M.
21	Saturday	39	43	34	29.43	29.44	29.44	N.	N. W.	N. W.	Fair	do	do	Foggy morning; flying clouds; rain and snow in the
22	Sunday	22	28	31	29.59	29.63	29.65	N. W.	do	do	Fair	do	do	Morning, rain; afternoon, fair.
23	Monday	24	36	34	29.66	29.63	29.61	N.	N. E.	N. E.	do	do	do	High wind.
24	Tuesday	30	30	29	29.39	29.14	28.90	N. E.	do	do	Cloudy	do	do	High wind; pleasant but cold; sun set in a cloud;
25	Wednesday	24	36	32	28.80	28.90	28.97	do	N. W.	N.	Fair	do	do	[Aurora Borealis.
26	Thursday	21	33	32	29.00	29.08	29.14	N. W.	do	N. W.	do	do	do	Snow storm commenced at 7 A. M.; stormy day; 4
27	Friday	23	47	46	29.40	29.44	29.46	S. W.	S.	S.	do	do	do	Snow squalls.
28	Saturday	42	51	46	29.53	29.54	29.50	do	S. E.	S. E.	Rain	do	do	High wind.
29	Sunday	46	54	52	29.40	29.29	29.29	do	S. W.	S. W.	Cloudy	do	do	Sun set in a cloud. Pleasant day.
30	Monday	50 ✓	54	54	29.30	28.93	28.89	S. E.	S. E.	S. E.	Fair	do	do	Foggy morning.
31	Tuesday	37	41	42	28.85	29.09	29.16	W.	N. W.	N. W.	Fair	do	do	Foggy morning; rain A. M., clear P. M.

The month of March has had a full share of "March weather;" high winds, flying clouds, squalls of snow, and storms of rain and snow, with variable weather and sudden changes. Thermometer has ranged from 6° to 64°. Barometer from 28.74 to 29.68

REGISTER OF THE WEATHER—Continued.

1840

APRIL.		THERMOMETER.		BAROMETER.		WIND.		WEATHER.		REMARKS.
Day of Month.	Day of the Week.	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset.	Sunrise	2 P. M.	
1	Wednesday	30	34	29.37	S. W.	S. E.	S. E.	Fair	Snow	Snow squalls. Crocus in blossom.
2	Thursday	32	37	29.35	N. W.	N. W.	N. W.	do	Fair	Ground covered with snow. High wind.
3	Friday	30	54	29.52	S. W.	S. W.	S. W.	do	do	Pleasant day; strong south wind; sun set in a cloud.
4	Saturday	49	46	28.87	do	N. W.	N. W.	do	do	Willow in blossom. Aurora Borealis.
5	Sunday	35	46	29.27	do	do	do	do	do	High wind. Frogs peep.
6	Monday	30	45	29.48	N. W.	do	do	do	do	High wind. Severe frost.
7	Tuesday	30	40	29.55	do	do	do	do	do	High wind.
8	Wednesday	25	42	29.74	do	do	do	do	do	High wind.
9	Thursday	24	49	29.83	do	do	do	do	do	Sun-dog.
10	Friday	39	62	29.71	S. W.	S. W.	S. W.	do	do	Pleasant day.
11	Saturday	49	65	29.67	S. W.	S. S.	S. S.	do	do	High wind; dry and dusty. Liverwort in blossom.
12	Sunday	54	58	29.50	S. E.	S. E.	S. E.	Rain	Rain	Buffalo bush in blossom. Fine rain in the night.
13	Monday	41	50	29.30	N. W.	N. W.	N. W.	Fair	Fair	Severe storm of rain; cleared off in the night.
14	Tuesday	32	35	29.75	do	S. E.	S. E.	do	do	High wind. Cowslip in blossom.
15	Wednesday	41	61	29.48	S. S.	S. S.	S. W.	do	do	White frost; high wind; rain in the night.
16	Thursday	44	66	29.48	N. W.	S. W.	S. W.	do	do	Aurora Borealis.
17	Friday	44	65	29.50	S. W.	S. W.	S. E.	do	do	Pleasant day. Dirca or Leatherwood in blossom.
18	Saturday	54	73	29.36	do	do	do	do	do	High wind.
19	Sunday	50	54	29.43	N.	N.	N.	Cloudy	do	High wind; dry and dusty.
20	Monday	34	56	29.64	N. S. W.	N. W.	N. W.	Fair	do	Bloodroot in blossom. Red Maple in blossom.
21	Tuesday	32	54	29.64	N.	do	S. W.	do	do	High wind. Fever bush in blossom.
22	Wednesday	34	51	29.72	S. W.	S. E.	S. E.	do	Cloudy	Calm and pleasant day. Trailing Arbutus in blos.
23	Thursday	54	78	29.18	S. E.	S. W.	N. W.	Rain	Fair	High wind; severe storm of rain. Trillium in blos.
24	Friday	62	74	29.30	S. W.	N. W.	do	Cloudy	do	High wind; warm and pleasant. Dandelion and Ap-Potentilla Simplex and Anemone. [Crocot in blos.
25	Saturday	50	75	29.56	N.	N.	N.	Fair	do	Cherry tree in blossom. Aurora Borealis.
26	Sunday	60	76	29.40	S.	S.	S.	do	do	Foggy morning; warm and pleasant day. Missouri
27	Monday	50	48	29.04	W.	W.	W.	do	do	High wind. [Currant & Shad bush in blos.; thun-
28	Tuesday	33	46	29.91	N. W.	S. E.	S. E.	do	do	der & lightning in night; high wind.
29	Wednesday	42	57	29.80	S. E.	N.	N.	Rain	Rain	Wild Honeysuckle in blossom.
30	Thursday	47	65	29.08	N. W.	N. W.	N. W.	Cloudy	Fair	High wind.

The month of April has been a month of great changes of temperature, much high wind and rain. The flowering season was early, but it is feared that the frost may have injured the early fruits. Range of the Thermometer from 24° to 78°. Barometer from 28.87 to 30.00.

REGISTER OF THE WEATHER—Continued.

1840

MAY.		THERMOMETER.		BAROMETER.		WIND.		WEATHER.		REMARKS.
Day of the Month.	Day of the Week.	Sunrise	2 P. M.	Sunrise	2 P. M.	Sunrise	2 P. M.	Sunrise	2 P. M.	
1	Friday	50	54	29.10	29.90	S.	N.	Cloudy	Fair	Showery. Peach and Pear in blossom.
2	Saturday	38	53	29.16	29.24	W.	W.	Fair	do	Wild Cherry in blossom.
3	Sunday	46	76	29.20	29.19	S. W.	S. W.	do	Cloudy	Wild Columbine and Rhodora in blossom.
4	Monday	50	46	28.80	28.62	S. E.	N. E.	Rain	Rain	Cold rain.
5	Tuesday	40	40	28.82	29.03	N.	N.	do	do	Cold rain; some snow.
6	Wednesday	40	49	29.18	29.21	N.	N.	Fair	Fair	High wind; flying clouds; cold day.
7	Thursday	41	52	29.18	29.23	N. W.	N. W.	do	do	High wind.
8	Friday	42	52	29.40	29.50	do	do	do	do	Flying clouds.
9	Saturday	40	40	29.40	29.24	N. E.	N. E.	Cloudy	Rain	Cold storm.
10	Sunday	38	48	29.17	29.20	do	do	Rain	Fair	Storm continues. P. M. flying clouds.
11	Monday	40	58	29.28	29.32	do	do	Fair	do	Apple trees in blossom. Flying clouds.
12	Tuesday	41	65	29.40	29.39	S. W.	N. W.	do	do	Sun-dog. Cold night.
13	Wednesday	37	63	29.45	29.50	N. W.	S.	do	do	Ground froze 1 1/2 inches thick. Flowering Almond in blossom.
14	Thursday	45	70	29.54	29.50	S. W.	S. W.	do	do	Actea Racemosa in blossom.
15	Friday	49	71	29.38	29.24	do	do	do	do	Fine showers in the afternoon.
16	Saturday	50	70	29.43	29.53	N. W.	N. W.	do	do	Lilac and Tartarian Honeysuckle in blossom.
17	Sunday	52	80	29.62	29.55	S. W.	S. W.	do	do	Iris and Tulips in blossom.
18	Monday	66	86	29.45	29.45	W.	W.	do	do	High wind. Peony and Geranium Maculatum in blos.
19	Tuesday	57	64	29.51	29.60	N. E.	N. E.	Cloudy	Cloudy	Narcissus in blossom.
20	Wednesday	50	60	29.56	29.48	do	do	do	do	Horse Chesnut in blossom.
21	Thursday	50	54	29.26	29.18	do	do	do	do	Foggy. False Syringa in blossom. Rainy afternoon
22	Friday	50	58	29.16	29.23	do	do	do	do	[and eve.
23	Saturday	54	72	29.42	29.54	S. W.	N. W.	Fair	Fair	Some rain. Jessamine in blossom.
24	Sunday	48	66	29.73	29.83	N. E.	S.	do	do	Carolina Allspice in blossom.
25	Monday	47	72	29.88	29.82	S. W.	S. W.	Cloudy	do	Foggy morning. Snow-ball in blos. Aurora Borealis.
26	Tuesday	46	76	29.82	29.70	do	do	Fair	do	Fog in the low grounds this morning.
27	Wednesday	54	84	29.51	29.41	do	do	do	do	Scotch Rose in blossom.
28	Thursday	61	85	29.34	29.30	do	do	do	do	Monks-hood in blossom.
29	Friday	60	77	29.20	29.28	do	N. W.	do	do	Showers. Potentilla Tridentata in blos. Aurora Bor.
30	Saturday	50	75	29.35	29.38	S. E.	S. E.	do	do	Splendid Aurora Bor.; brilliant belt of light from east
31	Sunday	52	73	29.24	29.27	S. W.	N. W.	do	do	Mountain Ash in blos. [to west across the heavens at 9 P. M., near the sun's path.

The month of May has been very favorable to vegetation. There has been much high wind, and much cloudy, dull weather. During the last week the weather has been very fine. Grass and forest trees unusually forward. Range of the Thermometer from 37 to 86. Barometer from 28.62 to 29.88.

REGISTER OF THE WEATHER—Continued.

1840

JUNE.		THERMOMETER.		BAROMETER.		WIND.		WEATHER.		REMARKS.	
Day of Month	Day of the Week.	Sunrise	2 P. M.	Sunset	2 P. M.	Sunrise	2 P. M.	Sunset	2 P. M.		
1	Monday	50	58	49	29.36	29.34	29.40	N. E.	N. E.	Rain	Wild Rose in blossom.
2	Tuesday	43	60	65	29.50	29.60	29.60	S. E.	S. E.	Fair	Foggy morning.
3	Wednesday	50	60	65	29.51	29.42	29.33	do	do	Cloudy	Burgundy Rose in blossom.
4	Thursday	54	68	66	29.16	29.13	29.08	S. W.	S. W.	Rain	Tree toads musical.
5	Friday	60	74	70	29.01	29.20	29.30	S. W.	N. W.	Fair	Great rain. Cleared off at 9 o'clock, A. M.
6	Saturday	62	79	70	29.32	29.38	29.34	S. W.	S. W.	do	Fresh breeze from the south.
7	Sunday	64	65	54	29.27	29.36	29.59	S. W.	N. W.	Rain	Rain in showers.
8	Monday	50	66	65	29.50	29.56	29.60	N. E.	N. W.	Fair	Very pleasant day.
9	Tuesday	58	74	74	29.63	29.70	29.72	N. W.	N. W.	do	Circle around the moon.
10	Wednesday	54	79	74	29.70	29.68	29.43	S. W.	S. W.	do	Fine growing season.
11	Thursday	62	82	77	29.56	29.48	29.43	do	do	do	Fresh breeze.
12	Friday	66	82	76	29.31	29.29	29.26	do	do	do	Morning showery.
13	Saturday	66	75	68	29.14	29.16	29.30	N. W.	N. W.	do	Aurora Borealis.
14	Sunday	54	63	65	29.33	29.38	29.40	N. W.	do	do	Fine season.
15	Monday	54	63	62	29.33	29.31	29.33	S. W.	W.	do	Dusty.
16	Tuesday	52	70	63	29.40	29.44	29.50	N. W.	N. W.	do	Fine shower in the night.
17	Wednesday	53	74	73	29.53	23.58	29.60	do	do	do	Showery. Sun set clear.
18	Thursday	54	68	64	29.54	29.48	29.39	S. W.	S. W.	Cloudy	
19	Friday	62	68	56	29.20	29.09	29.06	N. W.	N. W.	Fair	
20	Saturday	50	65	67	28.93	29.04	29.13	S. W.	do	do	
21	Sunday	54	72	70	29.20	29.28	29.29	N. W.	S. W.	do	
22	Monday	60	80	72	29.25	29.30	29.36	S. W.	N. W.	do	
23	Tuesday	50	77	74	29.48	29.59	29.60	N. W.	S. W.	do	
24	Wednesday	58	81	79	29.58	29.47	29.44	S. W.	do	do	
25	Thursday	68	79	70	29.38	29.42	29.42	N. W.	S. E.	do	
26	Friday	54	72	62	29.49	29.54	29.54	S. E.	do	do	
27	Saturday	58	72	65	29.53	29.50	29.43	do	do	Rain	Foggy morning.
28	Sunday	64	76	74	29.35	29.37	29.36	N. E.	N. E.	Fair	Foggy morning.
29	Monday	68	85	76	29.37	29.36	29.37	N. W.	S. W.	do	Foggy morning.
30	Tuesday	70	82	72	29.30	29.32	29.30	S. W.	do	do	Show in the evening.

The month of June has been an uniform and pleasant month. Vegetation, particularly grass, is very forward. The earth at the last of the month has been dry, little rain has fallen. Range of the Thermometer from 43° to 85°. Barometer from 28.93 to 29.72.

REGISTER OF THE WEATHER—Continued.

1840

Day of Month.	Day of the Week.	THERMOMETER.		BAROMETER.		WIND.		WEATHER.			REMARKS.	
		Sunrise	2 P. M.	Sunrise	Sunset	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.		Sunset
1	Wednesday	65	79	29.30	29.32	N. W.	N. W.	N. W.	Fair	Fair	Fair	
2	Thursday	58	73	28.45	29.52	do	do	do	do	do	do	Light showers.
3	Friday	62	68	29.61	29.65	N. E.	N. E.	N. E.	Cloudy	Cloudy	do	Very pleasant day.
4	Saturday	58	74	29.60	29.63	do	S. E.	S. E.	do	Fair	do	Fog in the low grounds.
5	Sunday	57	80	29.68	29.74	S. W.	N. W.	do	Fair	do	do	Foggy morning.
6	Monday	60	74	29.75	29.75	N. E.	N. W.	W.	Cloudy	do	do	Light shower in the morning.
7	Tuesday	63	67	29.70	29.67	do	N. E.	N. E.	do	Cloudy	Cloudy	Shower at 1 P. M.
8	Wednesday	62	73	29.60	29.58	do	S. W.	S. E.	do	Fair	do	Fine shower at 6 P. M.
9	Thursday	65	82	29.35	29.28	S. E.	do	N. W.	Rain	Cloudy	Fair	
10	Friday	64	81	29.25	29.34	N. W.	N. W.	do	Fair	do	do	
11	Saturday	55	81	29.43	29.49	N. W.	S. W.	S. W.	do	do	do	
12	Sunday	64	86	29.43	29.50	S. W.	S. E.	S. E.	do	do	do	
13	Monday	64	80	29.40	29.30	S. E.	S. S.	S. S.	Cloudy	Cloudy	Cloudy	Foggy morning. Shower at midnight.
14	Tuesday	72	83	29.13	29.13	S. S.	S. W.	S. W.	Fair	Fair	Fair	Shower at 11 A. M.
15	Wednesday	68	88	29.32	29.38	W.	S. W.	W.	do	do	do	
16	Thursday	69	91	29.47	29.50	W.	S. W.	S. W.	do	do	do	
17	Friday	68	90	29.50	29.49	S. W.	S. W.	S. W.	do	do	do	Dry season.
18	Saturday	74	78	29.44	29.50	do	do	do	Cloudy	do	do	Light showers.
19	Sunday	72	83	29.38	29.22	do	do	do	Fair	Fair	do	Flying clouds. Two fine showers in the afternoon, [with high wind.
20	Monday	58	70	29.38	29.50	N. W.	N. W.	N. W.	do	do	do	
21	Tuesday	58	78	29.43	29.47	S. W.	S. W.	S. W.	do	do	do	
22	Wednesday	58	83	29.51	29.61	N. W.	do	S. E.	do	do	do	
23	Thursday	62	78	29.56	29.50	S. S.	S. S.	S. S.	do	do	do	High wind. Commenced raining at 9 A. M.
24	Friday	68	75	29.25	29.11	S. E.	N. W.	N. E.	Rain	do	do	Rain continued till 11 A. M. Afternoon showery.
25	Saturday	64	80	29.38	29.54	N. W.	do	S. S.	Fair	do	do	Pleasant day. Aurora Borealis.
26	Sunday	61	80	29.61	29.63	S. W.	S. W.	N. W.	do	do	do	Foggy morning.
27	Monday	64	82	29.66	29.70	W.	S. S.	S. S.	do	do	do	Showers in the afternoon.
28	Tuesday	61	80	29.60	29.50	S. S.	S. S.	S. W.	do	do	do	Fine shower in the night.
29	Wednesday	63	83	29.26	29.30	S. W.	S. W.	N. W.	Cloudy	do	do	High wind. Aurora Borealis.
30	Thursday	62	78	29.50	29.55	N. W.	do	S. W.	Fair	do	do	Smoky day.
31	Friday	61	80	29.60	29.61	S. W.	do	do	do	do	do	

July has been a favorable month for the farmer. Crops of hay and grain are abundant, and have been well secured. The latter part of the month has been dry. The season has been warm. There have been frequent showers, but no severe thunder storms. Range of the Thermometer from 55 to 91. Barometer from 29.06 to 29.76.

REGISTER OF THE WEATHER—Continued.

1840

AUGUST.		THERMOMETER.		BAROMETER.		WIND.		WEATHER.			REMARKS.
Day of Month.	Day of the Week.	Sunrise.	2 P. M.	Sunset.	Sunrise.	2 P. M.	Sunset.	Sunrise.	2 P. M.	Sunset.	
1	Saturday	70	76	68	29.56	29.46	N. E.	N. E.	Rain	Rain	Showerly.
2	Sunday	64	74	72	29.52	29.53	N. W.	S. E.	Fair	Fair	Flying clouds; high wind; fine showers.
3	Monday	69	79	69	29.41	29.55	S. E.	do	do	do	High wind; showers in the night.
4	Tuesday	66	82	74	29.34	29.39	do	S. W.	do	do	Fine shower in the night.
5	Wednesday	70	77	76	29.22	29.21	S. W.	N. W.	do	do	High wind; showers in the night, with some thunder [and lightning.
6	Thursday	59	82	70	29.24	29.22	N. W.	S. W.	do	do	
7	Friday	60	71	66	29.12	29.30	S. W.	do	do	do	
8	Saturday	53	74	68	29.23	29.25	N. W.	N. W.	do	do	Shower in the afternoon.
9	Sunday	58	72	68	29.41	29.51	do	do	do	do	
10	Monday	54	73	70	29.58	29.61	do	do	do	do	
11	Tuesday	56	77	71	29.60	29.53	S. W.	S. W.	do	do	Moderate shower. Severe thunder storm in the evening.
12	Wednesday	68	83	72	29.42	29.39	do	do	Rain	Rain	
13	Thursday	64	76	72	29.30	29.32	S. E.	S. E.	do	do	Fine showers. Rainy night.
14	Friday	71	76	74	29.11	29.16	do	S. W.	do	do	Tomatoes ripe.
15	Saturday	64	76	70	29.37	29.50	N. W.	N. W.	Fair	Fair	Beautiful sunset.
16	Sunday	54	70	66	29.65	29.72	do	N. E.	do	do	
17	Monday	55	76	72	29.78	29.81	N.	S.	do	do	Morning foggy.
18	Tuesday	60	78	72	29.31	29.60	S.	S. E.	do	do	
19	Wednesday	63	82	75	29.68	29.61	S. W.	S. W.	do	do	Morning foggy. Aurora Borealis.
20	Thursday	70	84	78	29.51	29.50	W.	W.	do	do	
21	Friday	68	87	82	29.48	29.49	S. W.	S.	do	do	Morning foggy. Aurora Borealis.
22	Saturday	67	83	79	29.49	29.46	S.	S.	do	do	Evening, thunder and lightning.
23	Sunday	71	84	77	29.39	29.33	S. W.	S. W.	do	do	Morning foggy; fine showers; thunder storm P. M.
24	Monday	68	78	73	29.23	29.29	W.	W.	Rain	Rain	
25	Tuesday	64	76	68	29.35	29.40	N. W.	N. W.	do	do	Aurora Borealis.
26	Wednesday	58	76	70	29.58	29.58	do	do	do	do	Aurora Borealis.
27	Thursday	58	77	70	29.55	29.56	S. W.	S. W.	do	do	
28	Friday	60	74	70	29.56	29.64	S.	S.	do	do	Morning foggy. Aurora Borealis.
29	Saturday	68	78	70	29.61	29.64	S.	S.	do	do	
30	Sunday	62	76	71	29.60	29.58	S.	S.	do	do	Morning foggy.
31	Monday	67	80	71	29.42	29.35	S.	S.	do	do	Morning foggy.

The month of August has been favorable for vegetation. The weather warm, frequent refreshing showers, and great uniformity of temperature. Range of the Thermometer from 54 to 87. Barometer from 29.11 to 29.81.

REGISTER OF THE WEATHER—Continued.

SEPTEMBER.	THERMOMETER.			BAROMETER.			WIND.			WEATHER.			REMARKS.
	Day of Month.	Day of the Week.	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset	Sunrise	
1	Tuesday	70	29.38	29.40	N. W.	N. W.	N. W.	Fair	Fair	Fair	Fair	Fair	Light shower.
2	Wednesday	68	29.38	29.26	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Beautiful sunset.
3	Thursday	62	29.27	29.36	N. W.	N. W.	N. W.	Fair	Fair	Fair	Fair	Fair	Beautiful sunset.
4	Friday	67	29.51	29.57	do	N. E.	N. E.	do	do	do	do	do	Cold storm.
5	Saturday	60	29.55	29.46	N. E.	N. E.	do	Rain	Rain	Rain	Rain	Rain	
6	Sunday	56	29.40	29.42	do	N. W.	N. W.	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	
7	Monday	56	29.58	29.63	W.	S. W.	S. W.	Fair	Fair	Fair	Fair	Fair	
8	Tuesday	54	29.56	29.50	S. W.	do	do	do	do	do	do	do	
9	Wednesday	63	29.40	29.38	S. W.	S. W.	S. E.	Rain	Rain	Rain	Rain	Rain	
10	Thursday	65	29.27	29.20	S. W.	S. W.	do	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Fine shower at 2 P. M.
11	Friday	56	29.25	29.30	N. W.	N. W.	N.	Fair	Fair	Fair	Fair	Fair	Rain in the night. Moon-dog.
12	Saturday	50	29.43	29.50	do	do	N. W.	do	do	do	do	do	(Ice failed.)
13	Sunday	44	29.65	29.66	do	do	do	do	do	do	do	do	
14	Monday	47	29.64	29.56	do	do	do	do	do	do	do	do	
15	Tuesday	53	29.40	29.42	do	do	do	do	do	do	do	do	
16	Wednesday	48	29.50	29.55	do	S.	S.	do	do	do	do	do	
17	Thursday	60	29.56	29.53	S. W.	S.	S.	do	do	do	do	do	Fog in the low grounds in the morning.
18	Friday	62	29.42	29.57	S. E.	S. E.	S. E.	Cloudy	Rain	Rain	Rain	Rain	
19	Saturday	62	29.20	29.15	S. E.	S. W.	S. W.	Rain	Fair	Fair	Fair	Fair	Rainy night and morning.
20	Sunday	58	29.03	28.94	S.	S.	do	Fair	do	do	do	do	High wind.
21	Monday	49	29.00	29.16	N. W.	N. W.	N. W.	do	do	do	do	do	
22	Tuesday	37	29.53	29.60	do	do	do	do	do	do	do	do	Frost in low grounds.
23	Wednesday	44	29.60	29.56	S. W.	S. W.	do	do	do	do	do	do	Smoky.
24	Thursday	50	29.73	29.80	N. W.	N. W.	N.	do	do	do	do	do	Smoky. Pleasant weather.
25	Friday	39	29.80	29.76	N.	S. W.	S. W.	do	do	do	do	do	Foggy morning. White frost. Smoky.
26	Saturday	43	29.70	29.62	do	S.	S.	do	do	do	do	do	Foggy morning. Smoky.
27	Sunday	53	29.50	29.38	do	S. W.	N. W.	do	do	do	do	do	High wind. Fine rain in the evening.
28	Monday	49	29.44	29.50	N. W.	N. W.	N. W.	do	do	do	do	do	
29	Tuesday	43	29.60	29.56	do	do	do	do	do	do	do	do	
30	Wednesday	47	29.53	29.51	S.	S.	S.	do	do	do	do	do	Evening, rain.

The month has been very pleasant ; the weather uniformly mild, with a large proportion of fair days. This month, as well as the whole season, has been very favorable, and the early and late crops are generally good. Range of the Thermometer from 37 to 76. Barometer from 28.91 to 29.80.

1840

REGISTER OF THE WEATHER—Continued.

OCTOBER.		THERMOMETER.		BAROMETER.		WIND.		WEATHER.			REMARKS.
Day of Month.	Day of the Week.	Sunrise	2 P. M.	Sunrise	2 P. M.	Sunrise	2 P. M.	Sunrise.	2 P. M.	Sunset.	
1	Thursday	54	53	29.56	29.63	N. E.	N. E.	Rain	Rain	Rain	Foggy day.
2	Friday	50	60	29.67	29.68	do	do	do	Cloudy	Cloudy	Foggy.
3	Saturday	62	70	29.50	29.34	S. E.	S.	do	Rain	Rain	Showery. Clear in the evening.
4	Sunday	33	61	29.57	29.55	W.	N. W.	Fair	Fair	Fair	White frost.
5	Monday	46	71	29.50	29.47	S.	S. W.	do	do	do	} Very pleasant days.
6	Tuesday	50	75	29.43	29.42	S. W.	S. W.	do	do	do	
7	Wednesday	52	61	29.54	29.65	N. W.	N. W.	do	do	do	
8	Thursday	42	71	29.70	29.67	N.	S. E.	do	do	do	
9	Friday	52	58	29.60	29.68	N. W.	N. E.	do	Cloudy	Cloudy	} Fine rain.
10	Saturday	33	53	29.75	29.71	N. W.	N. W.	do	Fair	Fair	
11	Sunday	47	53	29.44	29.22	S. E.	S. E.	Cloudy	Rain	Rain	} Flying clouds.
12	Monday	56	59	28.90	28.99	W.	N. W.	Fair	Cloudy	Fair	
13	Tuesday	40	51	29.30	29.33	N. W.	do	do	Fair	do	} Flying clouds.
14	Wednesday	40	66	29.30	29.23	S. W.	S. W.	do	do	do	
15	Thursday	33	52	29.40	29.44	N. W.	N. W.	do	do	do	
16	Friday	33	40	29.60	29.63	do	do	do	do	do	
17	Saturday	28	50	29.30	29.83	N.	N.	do	do	do	} Moderate rain in the night.
18	Sunday	43	53	29.84	29.84	N.	N.	Cloudy	Cloudy	Cloudy	
19	Monday	49	58	29.70	29.64	S. E.	S. E.	Rain	do	Rain	} Rain in the night.
20	Tuesday	62	65	29.40	29.45	do	do	do	Rain	Rain	
21	Wednesday	53	54	29.49	29.35	N. E.	N. E.	do	do	do	} Trees covered with autumnal beauty.
22	Thursday	50	43	29.02	29.20	do	N. W.	Cloudy	Fair	Fair	
23	Friday	33	58	29.40	29.20	S. W.	S. W.	Fair	do	do	} High wind. Aurora Borealis.
24	Saturday	42	50	29.40	29.48	W.	N. W.	do	do	do	
25	Sunday	38	42	29.56	29.40	N.	N.	Cloudy	Rain	Cloudy	} Beautiful sunset.
26	Monday	29	37	29.95	29.08	S. W.	W.	Snow	Fair	do	
27	Tuesday	29	39	29.56	29.68	W.	W.	Fair	do	Fair	} Severe snow storm in the night.
28	Wednesday	33	43	29.74	29.68	S. W.	S. E.	Cloudy	Cloudy	Cloudy	
29	Thursday	47	60	29.61	29.41	S. E.	do	Rain	Rain	Rain	} High wind. Snow fell 5 inches.
30	Friday	62	61	29.04	29.01	S.	N. W.	do	Fair	Fair	
31	Saturday	44	52	29.16	29.31	N. W.	do	Fair	do	Cloudy	

The month of October has been uncommonly fine,—the weather fair and mild, affording the farmer the best opportunity to gather in the fruits of the season. Plenty of rain has fallen. Extremes of Thermometer 28 to 75. Barometer 28.90 to 29.84.

1840

REGISTER OF THE WEATHER—Continued.

1840

NOVEMBER.		THERMOMETER.		BAROMETER.		WIND.		WEATHER.			REMARKS.
Day of Month.	Day of the Week.	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset	Sunrise.	2 P. M.	Sunset.	
1	Sunday	37	48	29.42	29.52	29.60	N. W.	Fair	Fair	Fair	Very pleasant days.
2	Monday	33	48	29.79	29.84	29.83	S. W.	do	do	do	
3	Tuesday	30	42	29.73	29.66	29.65	N.	do	do	do	Halo around the moon.
4	Wednesday	40	49	29.58	29.59	29.60	N. E.	Cloudy	do	Cloudy	
5	Thursday	38	40	29.50	29.42	29.40	N. W.	Fair	do	do	Halo around the moon.
6	Friday	44	56	29.32	29.36	29.38	N. N.	Cloudy	Cloudy	do	
7	Saturday	40	41	29.56	29.59	29.60	N. E.	do	Fair	Fair	Very stormy day and night.
8	Sunday	42	44	29.50	29.45	29.39	do	do	Rain	Rain	
9	Monday	47	50	29.08	29.04	29.05	do	Rain	do	do	Rain.
10	Tuesday	37	52	29.24	29.30	29.30	N. W.	do	Fair	Fair	
11	Wednesday	37	47	29.40	29.47	29.46	do	Fair	do	Cloudy	Rainy night.
12	Thursday	41	46	29.41	29.32	29.30	N. E.	Rain	Cloudy	Rain	
13	Friday	45	48	29.17	29.13	29.16	N. W.	Cloudy	Fair	Fair	Aurora Borealis.
14	Saturday	34	45	29.31	29.33	29.33	do	Fair	do	do	
15	Sunday	36	43	29.15	29.00	29.05	N. W.	Snow	Cloudy	do	High wind. Snow in the night.
16	Monday	31	38	29.24	29.26	29.25	N. W.	Fair	Fair	do	
17	Tuesday	25	40	29.30	29.26	29.26	do	do	do	do	Rainy forenoon. Aurora Borealis.
18	Wednesday	32	36	29.27	29.20	29.13	do	do	Cloudy	do	
19	Thursday	27	32	28.91	28.98	29.03	do	do	do	Cloudy	Snow storm in the night.
20	Friday	29	33	29.21	29.23	29.31	do	do	Fair	Fair	
21	Saturday	23	36	29.50	29.52	29.54	do	do	do	do	High wind. Aurora Borealis.
22	Sunday	28	30	29.60	29.54	29.45	N. E.	Cloudy	Cloudy	Rain	
23	Monday	30	30	29.04	28.99	29.03	N. E.	Rain	do	do	Indications of a storm.
24	Tuesday	34	43	29.38	29.48	29.52	do	do	Fair	Fair	
25	Wednesday	36	40	29.48	29.35	29.30	N. N.	Fair	Fair	Fair	Snow storm commenced at 2 P. M. Rain at 4. Se-
26	Thursday	32	38	29.09	29.02	29.15	N. W.	Cloudy	Cloudy	Snow	
27	Friday	26	38	29.30	29.40	29.44	do	do	Fair	Fair	Foggy day. Much ice on the trees. Evening, snow [squall and cleared off.
28	Saturday	25	35	29.51	29.46	29.45	N. W.	do	do	do	
29	Sunday	25	44	29.42	29.40	29.37	S. W.	do	Fair	do	Snow in the evening.
30	Monday	45	57	29.23	28.99	28.94	do	do	do	do	

The month of November has been a wet, cloudy, cheerless season, but warm and favorable for the ingathering of the latter harvest. Much rain has fallen, and the earth is well supplied with water. The range of the Thermometer between 24 and 57. Barometer between 28.91 and 29.84.

REGISTER OF THE WEATHER—Continued.

1840

Day of Month.	Day of the Week.	THERMOMETER.		BAROMETER.		WIND.		WEATHER.			REMARKS.		
		Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset	Sunrise	2 P. M.	Sunset			
1	Tuesday	20	25	23	29.53	29.60	29.67	N. W.	N. W.	N. W.	Fair	Fair	
2	Wednesday	16	34	34	29.75	29.70	29.69	do	S. W.	S. W.	do	do	
3	Thursday	33	42	40	29.63	29.69	29.72	S. W.	N. W.	N. W.	do	do	Beautiful sunset.
4	Friday	16	23	22	29.95	29.96	29.95	N. N.	N. N.	N. N.	Cloudy	Cloudy	
5	Saturday	16	19	17	29.86	29.86	29.86	N. E.	N. E.	N. E.	do	do	Halo around the moon. High wind.
6	Sunday	12	13	14	29.80	29.64	29.59	do	N. E.	do	do	do	Great snow storm; high wind; quite cold.
7	Monday	26	34	32	29.46	29.61	29.65	N. N.	N. W.	N. W.	Snow	Snow	
8	Tuesday	26	32	32	29.60	29.54	29.50	N. W.	N. W.	N. W.	Fair	Fair	
9	Wednesday	24	42	41	29.42	29.43	29.41	S. W.	S. W.	S. W.	do	do	
10	Thursday	38	48	45	29.27	29.20	29.20	do	W.	W.	Cloudy	do	
11	Friday	31	47	34	29.42	29.52	29.57	N. W.	N. W.	N. W.	Fair	do	Beautiful sunset.
12	Saturday	20	36	36	29.66	29.63	29.59	S. S.	S. S.	S. S.	do	Cloudy	
13	Sunday	36	48	46	29.10	28.90	28.90	S. E.	S. E.	W. W.	Rain	Fair	Dark, foggy day.
14	Monday	36	48	42	29.08	29.10	29.11	S. W.	W. W.	W. W.	Fair	do	Very pleasant day.
15	Tuesday	30	46	42	29.14	29.16	29.15	S. S.	S. S.	S. S.	do	do	White frost. Sun set in a cloud.
16	Wednesday	40	40	38	29.10	29.13	29.11	N. W.	N. W.	N. W.	do	do	Snow storm commenced about 3 P. M.
17	Thursday	27	30	28	28.98	29.04	29.07	S. W.	S. W.	S. W.	do	do	High wind; snow squall. Aurora Borealis.
18	Friday	14	21	14	29.27	29.27	29.27	do	W.	N. W.	do	do	Sun set in a cloud. 9 P. M. thermometer 8°.
19	Saturday	13	29	26	29.24	29.28	29.28	S. W.	W. W.	do	do	do	Squally. Aurora Borealis.
20	Sunday	17	24	25	29.46	29.48	29.49	W. W.	N. W.	do	do	do	Snow squall in the night. Aurora Borealis.
21	Monday	20	22	22	29.36	29.44	29.52	N. W.	do	do	do	do	Snow squalls. Aurora Borealis.
22	Tuesday	15	32	30	29.35	29.03	29.00	S. W.	S. W.	S. W.	Snow	Snow	Fair in the evening.
23	Wednesday	14	20	20	29.28	29.38	29.38	N. W.	N. W.	W. W.	Fair	Fair	Beautiful sunset.
24	Thursday	25	22	18	29.02	29.18	29.20	W. W.	W. W.	W. W.	do	do	Squally.
25	Friday	2	12	14	29.37	29.39	29.39	N. W.	N. W.	N. W.	do	do	
26	Saturday	10	12	15	29.32	29.16	29.08	N. E.	N. E.	N. E.	Snow	Snow	Storm commenced at 8 o'clock, A. M.
27	Sunday	24	24	24	28.90	29.00	29.02	do	do	N. N.	Cloudy	Cloudy	Snow fell fifteen inches.
28	Monday	14	26	25	29.25	29.32	29.32	N. W.	W. W.	S. W.	Fair	Fair	Beautiful sunset. Aurora Borealis.
29	Tuesday	17	34	28	29.51	29.56	29.56	S. W.	S. S.	S. S.	do	do	Aurora Borealis.
30	Wednesday	32	33	32	29.60	29.61	29.58	do	S. W.	S. S.	Snow	Snow	Snow storm commenced about 10 o'clock, P. M.
31	Thursday	32	37	37	29.53	29.47	29.47	do	do	S. W.	Cloudy	Cloudy	Foggy. Thaw.

December has afforded much wholesome winter weather,—much snow has fallen, and the present supply is abundant to make good sleighing, amounting to twelve or fifteen inches. Range of Barometer from 28.90 to 29.96. Thermometer from 2° to 48°.

1840

REGISTER OF THE WEATHER—Continued.

1840

	JANY.	FEBY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCT.	NOV.	DEC.	
Mean height of the Barometer at sunrise,	29.31+	29.53+	29.26+	29.43+	29.35+	29.37+	29.47+	29.45+	29.66+	29.46+	29.35+	29.39+	In this registry of the Barometer, no account is taken of the influence of temperature.
Mean height of the Barometer at 2 P. M.	29.37+	29.52+	29.22+	29.49+	29.35+	29.39+	29.48+	29.46+	29.45+	29.45+	29.33+	29.39+	
Mean height of the Barometer at sunset,	29.37+	29.53+	29.22+	29.48	29.35+	29.39+	29.48+	29.44+	29.45+	29.46+	29.34+	29.39+	
Mean between the greatest and least heights of the Barometer, - - -	29.23	29.40+	29.21	29.43+	29.25	29.32+	29.41	29.46	29.35+	29.37	29.37+	29.43	
Mean height of the Thermometer at sunrise,	13° 03+	27° 58+	30° 09+	41°	47° 87+	57° 70	63° 38+	63° 19+	52° 66+	44° 67+	34° 30	22° 12+	The register of the Thermometer has been made at the same time as the Barometer.
Mean height of the Thermometer at 2 P. M.	22° 03+	35° 26+	41° 19+	55° 06+	64° 16+	72° 76+	79° 61+	77° 70+	65° 96+	56° 09+	42° 30	30° 30+	
Mean height of the Thermometer at sunset,	20° 90+	34° 27+	38° 93+	50° 30+	58° 74+	67° 90	73° 61+	71° 51+	61° 20	52° 29+	40° 36+	28° 90+	
Mean between the greatest and least heights of the Thermometer, - - -	15°	26° 50	35°	51°	61° 50	64°	73°	70° 50	56° 50	51° 50	40° 50	25°	
Fair days, - - -	23	20	22	26	23	24	24	29	26	13	20	19	TOTAL. 274 fair days. 92 cloudy days. 96 days on which rain fell. 38 days on which snow fell. 6 halos of the moon. 31 Aurora Borealis.
Cloudy days, - - -	8	9	9	4	8	6	7	2	4	13	10	12	
Days on which rain fell, - - -	2	8	8	6	9	11	11	12	9	11	8	1	
“ “ snow fell, - - -	7	3	7	1	1	0	0	0	0	2	6	11	
“ “ halos of the moon were seen, - - -	0	2	0	0	0	1	0	0	0	0	2	1	
“ “ Aurora Borealis were seen, - - -	4	0	1	3	3	1	2	5	0	1	4	7	
Days on which N. wind prevailed, - - -	2	3	0	3	2	1	0	0	0	3	4	2	Total of days on which 20 N. winds prevailed. 120 N. W. “ “ 20 W. “ “ 77 S. W. “ “ 34 S. “ “ 26 S. E. “ “ 0 E. “ “ 33 N. E. “ “
“ “ N. W. “ “ - - -	16	12	11	9	4	11	5	6	13	10	14	9	
“ “ W. “ “ - - -	4	0	0	1	2	1	3	2	1	2	1	3	
“ “ S. W. “ “ - - -	6	10	5	4	9	5	9	10	6	3	4	6	
“ “ S. “ “ - - -	1	1	1	5	2	1	4	7	7	2	0	3	
“ “ S. E. “ “ - - -	0	1	3	5	1	4	1	4	1	5	0	1	
“ “ E. “ “ - - -	0	0	0	0	0	0	0	0	0	0	0	0	
“ “ N. E. “ “ - - -	2	2	5	0	7	2	2	2	1	4	7	4	

There may have been Aurora Borealis and halos about the moon when not observed.