Plymouth, and he served his apprenticeship of seven years to a shipwright with Mr. Tucker, the master builder. He was employed in His Majesty's Dock-yard until the year 1814, when he volunteered to serve on the Lakes in America, assisted in the building of the St. Lawrence of one hundred guns, and Psyche frigate, and several small vessels-shared in several actions, and returned to England in 1824, after ten years' arduous service. On his homeward passage he suffered shipwreck in the Mary, of Liverpool, on the coast of Ayrshire, losing all his hard-earned property. Having entered on board his Majesty's ship Boadicea, Commodore Sir James Brisbane, as carpenter's mate, he sailed to the East Indies, where he served two years, during which time he was chiefly at Rangoon, Arrawadda, &c., on board the flotilla opposed to the Burmese; was in several storming parties, and was the next man to Captain Dawson when he was killed attacking a large stockade. In 1826 he was appointed carpenter of the Slaney, by Admiral Gage, and from thence to the Eurydice, in which ship he returned to England. We volunteered on board the Victory in 1829, only the day before she left Woolwich, and was promptly granted leave of absence by the Lords of the Admiralty, to enable him to join. Mr. Thomas was a most excellent workman, and could produce very high testimonials of his character and conduct: but his constitution was worn out by his servitude in the East Indies and America, and could not withstand the severe trials which it was now exposed to, and he sunk under the combined effects of cold and fatigue at the age of thirty-nine years, leaving a widow (to whom he had been only a year married), and a daughter, to deplore his loss.

ALEXANDER BRUNTON, CHIEF ENGINEER.

ALEXANDER BRUNTON was born at Temple, in Midlothian, is five feet four inches high, blue eyes and brown hair, sallow complexion, having much the appearance of a half-worn tradesman. He served his apprenticeship to Mr. Stevenson, the Engineer, at Edinburgh, with whom he continued some time afterwards as a workman; he set up in business for himself at Leith, as a scale-beam and edge-tool maker, but failed, and entered into several steam-vessels as engineer. Having served five years, he came to London; and after working at printing-machine making, for some time, he got into Messrs. Maudslay's manufactory, where he was five years; from thence he went to Messrs. Braithwaite's, and joined the Victory in 1829; having been one of those employed in constructing the engine, I considered him a great acquisition, especially as he had a strong recommendation

from his masters; he had hard work certainly until the 21st of August, as he had almost daily to repair one part or another of the engine; but it was then given up, and his place was a complete sinecure for some time: he is an excellent but a very slow workman. At Fury beach, he was employed making tin utensils for the officers and men, and it was calculated that each tin-pot he made (taking his high wages into consideration) cost about 1l.! He had no less than 617l. 15s. to receive when he returned, yet he was not contented, and was one of those who sent a petition to the Admiralty to recover the value of clothes which had been furnished to him to keep him from perishing with cold. When we abandoned the ship, he was one of the most useless. Since his arrival, he has married a widow and set up a "Gin Palace," called the "Crown and Cushion," in the Borough!

ALLAN MACINNES, SECOND ENGINEER.

ALEXANDER MACINNES was born in the year 1808, at the isle of Mull, in Argyllshire; he is five feet seven inches high, stout made, of a swarthy complexion, and marked with the smallpox. He was the son of a farmer, but served his apprenticeship, first to a baker, then to an engineer at Gloucester. He had been five years in steam-vessels before he volunteered to the Victory. His situation would also have been a sinecure, after the steam-engine was given up, but he was wanted in his calling as a baker, and was found very useful while at Fury beach, where he made excellent bread. On our return home, he went to see his friends in the North, he returned in spring last, and applied to me for a recommendation to Messrs. Maudslay and Field, which I readily gave him; but in a few days after he signed the same petition with Brunton to recover the value of clothes, &c., which had been in like manner furnished to him, although he had received 1691. 18s. 8d. of wages, not more than half of which he was entitled to by law, which was an act of ingratitude I did not expect, and of which he has since repented.

JAMES MARSLIN, ARMOURER.

JAMES MARSLIN was born in 1793, at Bristol; he was five feet seven inches high, sallow complexion, and slight made; recommended to me by Mr. Blanky, the mate, who had formerly been his shipmate. Until after the ship had sailed, he managed to keep from us that he was labouring under any complaint; but we had no sooner left the land, than it was discovered that he was in a consumption, and he confessed that he had been discharged from an hospital for that complaint only a few months before;

he did scarcely any duty, and I had determined on sending him home by the first whaler I could meet with, but unfortunately for him as well as ourselves, we never met with any, and he continued gradually to sink under his complaint, until the 20th of January, when he died, at Felix harbour, and was buried on M'Diarmid's island. His wages (being claimed by two different parties) were paid into the hands of the Accountant-general of his Majesty's Navy. He seemed to be an inoffensive man, and departed this life quite prepared for the great change.

ROBERT SHREEVE, CARPENTER'S MATE.

ROBERT SHREEVE was born in 1806, at Teddington, in Norfolk, is five feet eight inches and a half high, blue eyes, and complexion sallow; is the son of a farmer, and was never before at sea. After being at school in Bury St. Edmond's, he served seven years' apprenticeship to a joiner and house carpenter; he afterwards came to London, and was employed at various places for several years before he came to Mr. Braithwaite's, at New Road; and from whence he volunteered to serve in the Victory. He was a useful person, but had very indifferent health, and was not well calculated for such a service. Having had quite enough of the sea, he declined entering in his Majesty's service, and having received 1661. 9s. of wages, he set up for himself as carpenter and undertaker.

JOSEPH CURTIS, HARPOONER.

Joseph Curtis was born in the year 1805, at Rotherhithe, is five feet four inches and seven-eighths high, blue eyes, dark complexion, and brown hair; his father was a tailor, and he went to sea at the early age of ten years, having served his time in the coal trade on board the Flora and Nancy of London. He entered the Davis straits' fishery in the Eliza whaler, and was also a voyage to Greenland in the Everett; but the most remarkable event of his life, is, his having been on board the Dundee whaler of London, when she was frozen up in Davis's strait, and passed the whole of the winter in the ice, during which, the ship's company had three times abandoned the ship, expecting that she would be crushed to pieces by the ice; their sufferings also from hunger and cold were great, but they returned in safety after the insurance had been paid to the owner. Since that event, he had been both in the coasting and timber trade, and came from a steam-vessel to the Victory. He was not a powerful man, and therefore not well calculated for such a service

as ours, but he was an excellent seaman, and his conduct being uniformly good, I gave him a strong recommendation, and he was sent, by Admiralty order, to the Excellent, to prepare for being made a gunner in the royal navy.

JOHN PARK, SEAMAN.

JOHN PARK was born in 1803, at Bridport, in Dorsetshire, is five feet seven inches high, of a sallow complexion, with light blue eyes. His father, who belonged to the Dock-yard at Portsmouth, had him bound seven years apprentice to a hair-dresser, a trade he did not like, and when his time was out he went to sea in 1821, on board his Majesty's ship Euryalus, in which he served three years, when he was paid off, and immediately joined the Glasgow; on board of which he also served three years in the Mediterranean. Being asked by me, "What was the most remarkable event in his life?" he answered, that he "had shaved the Duke of Devonshire in a gale on board the Glasgow." I then asked, "Were you not on board her at the battle of Navarino?" he replied, "Oh, yes, but that was nothing." His father having lost his life in the American lakes, where he had volunteered to scrve, his mother married Mr. More, gunner of the Tenodos, who was formerly in the Hecla, and who recommended him to me. He was a very active, willing young man, and useful in his calling as a barber, but too delicate in constitution for this service. Being a good seaman, and having always conducted himself well, I gave him a strong recommendation, and he was, with Curtis, sent by Admiralty order to the Excellent, to prepare for a gunner's warrant in the royal navy.

RICHARD WALL, HARPOONER.

RICHARD WALL was born at North Shields, in the year 1803; is five feet five inches and a half high, has small features, blue eyes, and a sallow complexion, with dark hair. He served his apprenticeship of seven years to the sea in the Mary and Joseph, in the Madeira, Gibraltar, and coal trade, and after his time was served he went a voyage to Archangel; he was afterwards both in the East India and West India merchant service. His father was a sailor, and having been twenty-three years in the navy, retired as a pensioner. He is an excellent seaman, though not powerful; was one of the best men we had; and in consequence of his good conduct he obtained a good situation in his Majesty's Dock-yard at Deptford.

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ANTHONY BUCK, SEAMAN.

ANTHONY BUCK was born in 1807, at Whitby; is five feet seven inches and three-eighths high, slenderly made, strong features, with dark eyes, complexion, and hair. He had been at sea eleven years before he joined the Victory in 1829: he was seven voyages in the whale fishery, but latterly in the Manchester to the Mediterranean. This man, when he entered, appeared to be in perfect health; but in 1831, while at the river Lindsay, he was seized with epilepsy, and it turned out that he had been at the hospital of Malta for the same complaint. His entering with us was therefore an act of folly to himself and cruelty to us, which was as unaccountable as inexcusable; he was of course a burden to us ever since he was seized with the first fit, and was very near being numbered among the dead. His father was a sailor in the merchant service, but was do not know of any other relations. He became latterly nearly blind, and he was one of those we had to carry on a sledge after leaving Fury beach. Besides his wages, he received a share of a small subscription; but under the circumstances the Admiralty did not entertain his petition for additional remuneration, and he returned to his parish.

JOHN WOOD, SEAMAN.

JOHN WOOD was born in 1809, at East Wemyss, in Fifeshire: he is five feet seven inches high, stout made, his complexion and hair fair, with blue eyes, and flat broad face. He served four years to the sea in the American trade, sailing from Kirkaldy; he was afterwards several voyages in the West India and Quebec trade, and joined the Victory in 1829. In July the same year he broke his leg, by jumping from the ship to the launch to secure her while towing, and we were therefore deprived of his services during the remainder of the outward voyage; and he was never a useful man. He was attacked with scurvy every winter, and was nearly perishing from the effects of that malignant disease at Fury beach, from whence we had to carry him on a sledge to Batty bay. His constitution was not calculated for such an expedition, or indeed for the sea service; and he retired, after receiving his wages, for which he had done so little, to his friends in the North.

DAVID WOOD, SEAMAN.

David Wood was born in 1805, in Midlothian; is only five feet two inches and a half high, has a fair and freekled complexion, with light blue eyes. His father was a sailor, who had served long in the navy, and lost his life in his Majesty's service. He served four years apprenticeship out of Kirkaldy, in the Davis straits' trade, on board the Dryad whaler, and went afterwards in the Baltic trade, having been twelve years at sea before he joined the John, where he was in the situation of Schemer, the person who has charge of the hold. He did not join the mutineers of that ship, but volunteered for the Victory after it took place, in a very handsome manner. His constitution was delicate, but he was nevertheless a very useful person. He was one of the two who were on the topgallant-yard when the foremast-head gave way, but got down just in time; the other was John Park, who was also saved. David Wood returned to recruit his health in his native climate, and has not since been heard of.

GEORGE BAXTER, ORDINARY SEAMAN.

George Baxter was born in 1806, at Kinghorn, in Scotland, where his father kept a public garden; he is five feet six inches and a half high, fair complexion, blue eyes, and light hair. He had never been at sea, and entered on board the John as what is called a green hand: he did not join the mutineers of the John, and entered after the mutiny, for which I gave him the rating of an ordinary seaman. His constitution was rather delicate, but latterly he held out well; and on our arrival, after receiving his pay, he returned to his friends, since which he has not made to me any application for employment, which I should consider him entitled to, in consequence of his good conduct.

JAMES DIXON, ORDINARY SEAMAN.

JAMES DIXON was born in 1807, at Tamery, parish of Clanduff, in the county Down; he was five feet eight inches high, and the stoutest man in the ship; he had a florid complexion, with hlue eyes and rather dark hair. His father was a sixty-acre farmer, and brought his son up to labour. When about eighteen he went to England as a packman, and the whole substance of the family was laid out in Irish linen, which he was to

sell; but he did not succeed, and returned after having lost or spent all, and was at last reduced to sweeping the chimneys of steam-vessels. He entered on board the John as a green hand, and did not join the mutineers, but entered in the Victory after the mutiny. He was one of those whose heart failed him, and after having a severe cold, he fell into a state of despondency, from which he never recovered; having given himself up in despair he wished to die—and from the circumstances under which we were then reduced it was perhaps better that he did not remain long enough to inculcate that feeling among the rest of the crew—he died on the 14th of January, 1832: his wages have been paid into the hands of the Accountant-general, but have not yet been claimed.

BARNARD LAUGHY, ORDINARY SEAMAN

BARNARD LAUGHY was born at Belfast in the year 1810; he is five feet five inches and a half high, of a sallow complexion, and a little marked with the smallpox; he has blue eyes, brown hair, and has a strong Irish accent. His father was an Irish labourer, who came to Scotland and settled on the estate of Colonel M'Douall, of Logan. He had never been at sea, except in fishing-vessels, but was recommended by Mr. Gibson, factor to Colonel M'Douall as a hard-working lad, who would do to feed the fire of the steam-boiler: his constitution was, however, not calculated for such a voyage, and he was one of those who generally gave out soonest. His conduct was, nevertheless, good; and I procured him a situation in the Coast-guard, which was very acceptable to him, as he managed to lose the whole of his money before he got the length of his father's house.

HENRY EYRE, SHIP'S COOK.

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A. to war.

This man, who was fifty years of age, was an old sailor; having been formerly cook of the Griper, with Captain Hoppner, he made some money, and set up a public-house, which he called "The North Pole." His story was that he was robbed of the money he had laid by to pay his bills, and therefore failed: but he was so addicted to drinking that he could not keep sober, and the receipt of his wages was fatal to him, as he died from intoxication a few days after. He was carried to the grave by his ship-mates, who subscribed for a monument to his memory.

WILLIAM LIGHT, STEWARD.

This man was born in 1800, at Medbury, in Devon; he was five feet seven inches high, and by his account had been fourteen years at sea. Having been in two of the former voyages to the Arctic seas, it was considered that he would be an acquisition, and he was entered as steward, in which capacity he had served before; but he turned out to he the very worst subject we had. He was always shamming, or complaining of some pain or other which incapacitated him for any thing but washing; and was therefore excused harder duties, and allowed to wash linen and mend stockings. He was often in the sick list, especially in spring, and was decidedly the most uscless person in the ship, as well as the most discontented. This man has been circulating the most scandalous falsehoods, as to my treatment of the crew; and has been furnishing materials for a narrative of the expedition, with which the public have been attempted to be deluded, in the form of numbers, published weekly, and as he possessed no journal or record of the voyage, the greatest part of his pretended narrative is fabulous, and I suspect that the publisher is a considerable loser by the shilling trash. He attended, for some time, at the Panorama in Leicester Square, and amused his hearers with wonderful adventures, in which he always figured as the chief actor, although he was, of all the men on the expedition, the least fond of fatigue or hard work; and instead of his lie in carrying me thirty miles, it was he himself that was carried. In consequence of his unfounded calumnies against me he was dismissed by the proprietor: but as, were I to give his previous history, and a true and full account of his conduct during the voyage, I might be supposed to harbour vindictive feelings towards him, I desist in doing so.

It was indeed with great pain I was compelled, conscientiously, to except him from my recommendation of the crew to Government for future employment; but I hope that the good qualities of which he so loudly boasts, will be better appreciated by those with whom he may be hereafter connected.

The interest which this expedition created, will be best expressed by my stating that I could have manned my ship with officers of my own rank, while several offered also to bear a part of the expense, if I would take them on any terms; it was also productive of many curious applications, of which the following is an amusing specimen:

the department

(Copy.)

Gosport, March 31, 1829.

Singular it will appear, but true; three nights following, a person appeared to me in a dream, and said, "Go with Captain Ross, he will be crowned with success." And not having the smallest thought of such things before, and reading of dreams having led to great discoveries, I put some confidence in this, and make bold to offer my services, should a man of my description be wanted. I am thirty-eight years old, good constitution, and understand all the undermentioned branches, and have no objection to make myself useful in all to meet satisfaction from my commander: cooking in all its branches; baking; butchering; preserving all kinds of poultry in cases, retaining their proper flavour, dead for any time; portable soups; broths; brawn; preserved meat of every kind; game; stuffing birds, and setting them up in their skins; preserving. &c. &c. If any of these professions would be of any utility in the voyage, I should be happy to join the expedition. I have been three voyages to the East Indies with one captain now in London, four years and a half in the flag-ship Victory-left four days ago at my own request—can produce discharge and certificates to any gentleman's satisfaction, being all the time as cook to the gentlemen on board; and should you not have ordered your portable soups, it would be a great saving to let me make them: in fact, we can always renew the stock, when we can obtain fresh meat on the voyage. Honoured Sir, you will confer an honour on me by answering these few lines.

Your most humble and obedient servant will be truly thankful,

M. L., Castle Inn, Gosport.

This application would, of course, have been treated as coming from some one who chose to amuse himself, but having met with an officer of the Victory who actually knew the man, and gave him an excellent character, and being really in search of a cook, I wrote to him that he might join the expedition under my direction, as cook, if he could produce certificates of his discharge, and if the references to his character were found to justify the account he gave of himself, but that he must lose no time. In answer, I received a note to inform me that I might depend on his joining the ship on Friday; instead

of him, however, a letter came from his wife, of which the following is a copy, and which closed the transaction.

April 9, 1829.

SIR.

I have just found out that my husband has made an engagement with you to join your expedition, through a dream, without consulting me; I must beg to tell you, sir, that he shall not go—I will not let him have his clothes. He must be mad ever to think of leaving a comfortable home, to be frozen in with ice, or torn to pieces with bears; therefore, I am determined he shall not leave Gosport, so I hope you will not expect him.

Yours, Sir, &c., and so forth,

MARY L.

The interest which the expedition excited, was indeed intense; but it was nothing compared to the feeling which was every where roused by our arrival. Subscriptions were proposed, and it was believed that 20,0001. might easily have been raised, but Ministers took up the cause so liberally as to induce me to depend solely on them, by, in the first instance, paying the men their double wages until the ship was lost, and full wages up to the day of their arrival-which was far more than they were entitled to by law under any circumstances-and with this they had every reason to be contented, for in fact they were entitled to nothing after the mutiny of the John; they all agreed by acclamation to run all risks for the promise of double pay if they succeeded, or nothing if not. My nephew Commander Ross, was put on full pay for a year, and then to receive his prometion. Mr. Thom was appointed to the Canopus, and the Surgeon made full Surgeon in the navy. And, although the remuneration which I received was small, compared to what I might have had by a subscription, it was sufficient to cover my losses, and to enable me to recover some of my property which had been sacrificed in my absence; however, I had an opportunity of refuting calumnies which had been industriously circulated against me for many years, and, above all, I had the honour of receiving valuable testimonials of high approbation from almost every sovereign in Europe, as well as from our most excellent

BIOGRAPHY OF THE VICTORY'S CREW.

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The subscriptions which were begun in various parts of the kingdom, were discountenanced by me; but, although I did not receive or pocket one farthing of what may have been subscribed, I have reason to believe that the generous public have been imposed upon by those who pretended they were receiving subscriptions for the survivors of the expedition.

APPENDIX

METEOROLOGY.

METEOROLOGY.

METEOROLOGY being considered of much importance by the scientific world, great attention was paid to this interesting department, which was undertaken by Mr. Thom, whose duty led him to be more constantly on board the ship: the excellent form of a register invented and given to me by Captain Beaufort was adopted, and the men were severally instructed to read off the degrees shown by Fahrenheit's thermometer, which was placed on the ice, in a canvas tent, at a convenient distance from the ship. Its altitude was registered every hour, and at the same time the direction and force of the wind, and the state of the weather, in a manner which will be manifest in the following table, to which directions are prefixed. The first column in the table is the day of the month; the second column is the direction of the wind; the third column is the force of the wind, denoted by figures in the following manner:

```
0. Calm.
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1. Light air, or just sufficient to give steerage way.
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or that in which a man-of-war with [1 to 2 knots.
2. Light breeze
                     all sail set, and clean full, would \ 3 to 4 knots.
3. Gentle breeze
4. Moderate breeze | go in smooth water.
                                                           5 to 6 knots.
                                                          Royals.
5. Fresh breeze
                      or that which a well-conditioned
                                                            (Single-reefed
                                                                            topsails,
6. Strong breeze
                                                            and topgallant sails.
                      man of war could carry in chase
7. Moderate gale
                                                           Double-reefed topsails.
                     full and by.
                                                           Triple-reefed topsails.
8. Fresh gale
                                                            (Close-reefed
                                                                            topsails,
9. Strong gale
                                                           l and courses.
```

- 10. A whole gale, or that which scarcely could bear the close-reefed main topsail and foresail.
- 11. A storm, or that which would reduce her to storm staysails.
- 12. A hurricane, or that which no canvas could withstand.

APPENDIX.

Fourth column denotes the state of the weather by the following letters of the alphabet:

```
b-Blue sky; whether clear or hazy weather.
c-Clouds; detached, passing clouds.
d-Drizzling rain-drift snow in winter.
f-Foggy. f .- Thick fog.
g-Gloomy; dark weather.
h-Hail.
1-Lightning.
m-Misty, hazy atmosphere.
o-Overcast, or whole sky covered with clouds.
p-Passing, temporary showers.
q-Squally.
r-Rain. r.-Continued rain.
s-Snow.
t-Thunder.
u-Ugly, threatening appearances.
v-Visible; clear atmosphere.
w-Wet dew.
```

By the combination of these letters all the ordinary phenomena of the weather may be expressed with facility. Examples: 1st, b c m signifies, "Blue sky, with passing clouds, and hazy atmosphere." 2d, g v, "Gloomy; dark weather, but distant objects visible." 3d, qq p d l tt, "Very hard squalls, with passing showers of drizzle, and accompanied with lightning, and with very heavy thunder."

N.B.—In the following tables the first column expresses the day of the month; the second the direction of the wind expressed fractionally, thus NNW: that is, 4 hours at NNW; the numerator expressing the number of hours, and the denominator the direction: in like manner the force of the wind, state of the weather, and temperature, are expressed; the numerator being always hours beginning after midnight.

APPENDIX.

	1	Wiles.	Fores of Wind.	State of Weather.		OCTOBER, 1829. Temperature in Shade.	+	1	Mean.
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WWW. She west. When we were the control of the con	=	NA.	9	8. 5. 9. 0. 12	1		.0	0	1.08
N.W. W.W. W. W.W. W. W.W. W. W.W. W. W.W. W.	27	State West	2. 18 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	4.9	- 10 - 10 - 10	200	-2	9+	-1.81
SSW. NEW. Nath. 12. 3. 4. 4. 4. 4. 5. 5. 5. 5. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	æ :	NW. WSW.	45.	0.00	-3. 4. 5. 6. 5. 2.	1. 1. 0. + 1. 1. 1. 5.	9	9	1.69
SSW. NW. North. 1.2 3 2 3 4 1 2 1 2 3 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	WEW. SWES	45.6.3	6. 08. 12. 08. 6. 6.	+5. 1. 8. 9. 10. 3.	3. 3. 15. 154. 168. 16.	91+	2	+1.01
NWON. WKE. NEGR. 8. 3. 4. 2. 7. 6. 2. 4. 2. 6. 13. 4. 4. 3. 4. 2. 14. 4. 3. 4. 3. 4. 4. 3. 4. 4. 3. 4. 4. 3. 4. 4. 3. 4. 4. 3. 4. 4. 4. 3. 4. 4. 4. 3. 4. 4. 4. 3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	3	NW. North.	2.1.2.3	8. 0. 8. 0. 5. c. b.	1+16. 14. 18. 14. 1	18. 16. 10. 8. 6. 5. 3. 0. 4. 5. 6. 7.	18	7	6.18
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NNE. NWON, NW. NNW, 5. 6. 5. 6. 5. 6. 5. 7. 5. 2. 1. 8. 8. 8. 6. 05. 4. 5. 2. 1. 6. 4. 1. 2. 4. 6. 1. 2. 1. 6. 4. 1. 2. 1. 6. 4. 1. 2. 1. 6. 4. 1. 2. 1. 2. 1. 6. 6. 6. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.	200	W. WNW. SWES. N. KNE.	2	5. 8. 5. c. s. 5. c.	012. 13. 134 13.	10. 12. 11. 10. 8. 7. 9. 10	7	131	11.07
E. W. S. ESE. N.W. SW. 6. 1. 2. 3. 4. 6. 7. 8. 8. 8. 8. 8. 4. 4. 4. 4. 4. 1. 4. 3. 5. 6. 6. 8. 8. 8. 8. 8. 8. 8. 8. 1. 4. 1. 4. 1. 4. 1. 5. 5. 6. 6. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.	2	NNE. NWBN. NW. NNW.	6. 8. 6. 5. 4. 3. 5.	4 50	-3. 4. 3. 2. 1. 0.+	1. 2. 4. 61. 0. +2. 3.	+4	0	+0.46
WYW. SN. WNW. W. SN. 3. 2. 2. 1. 4. 2. 1. 3. 1. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	€;	C. W. S. ESE. NW. SW.	010 010 010 010		+3.1.4-1.2.3.5.	6. 3. 8. 3. 1. 3. 9. 10. 13.	60	12	2.68
12 10 10 10 10 10 10 10 10 10 10 10 10 10	=	WNW. SH. W.N. H. SH.	3. 2. 2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	x - 3 18 2	1-14. 15. 164. 14.	10. 3. 11. 12. 13. 15. 14. 15. 14.	1-38	16	14.17
So E. So Se	130	Now SO KNWILL NWEN.	129. A.W. 662. SWbW. 19. WAW. 73. W			Highest, lowest, and mean tempo	erature+	24-16	1 7.9
92 0 A Cath Factorie - An it as the state - An it a	S.41.	SbE.50. SSE.0. SEDE	3E.15. SEVE.0. ESE.20.	Ebs. 6. North Fast		Total force of the Wind		,	. 1976

APPENDIX.

Second December Name N	Mean.
Wind. Wind	1
Wind. Wind	+"
Direction Wind.	NOVEMBER, 1829. Temperature in Shade.
Direction Vind.	
Number N	State of Weather.
1 North. NW. N. E. North. 2 c. wsw. sw. www. 3 w.Nw. Calm. 4 Ese Nebe Nebs. N. S. 5 N. E. S. N. N. N. E. 5 N. E. S. N. N. N. E. 6 N. E. S. N. N. N. E. 7 N. E. S. N. N. N. E. 8 N. E. N. N. N. E. 9 saw. c. s. c. sw. 10 c. vbie. wy. c. s. c. sw. 11 c. nk. n. N. E. 12 N. N. S. S. C. sw. 13 nk. c. e. s. c. sw. 14 N. S. N. N. E. 15 N. S. N. N. E. 16 N. N. S. 17 N. S. E. S. E. S. 18 N. N. S. 19 N. S. S. 10 N. S. S. 10 N. S. 10 N. S. 11 N. S. 11 S. N. S. 12 N. S. 13 N. S. 14 N. S. 15 N. S. 16 N. N. S. 17 N. S. 18 N. S. 18 N. S. 19 N. S. 10 N. S.	Porce of Wind.
- 100 4 10 0 1 10 10 10 10 10 10 10 10 10 10 10	Direction of Wind.
	Days of fonth.

	APPENDIX.	
Жеви	25.23.30.24.25.25.25.25.25.25.25.25.25.25.25.25.25.	37 – 23.08 . 1614
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+	1580008420188688681885555555555555555555555555555	oo
DECEMBER, 1829 Temperature in Shude.	\$\begin{array}{c c c c c c c c c c c c c c c c c c c	Highest, Lowest, and Mean Temperature 165 do. calm. Total force of the Wind
Weather.	අත් ක්රම් ක	terly = 220 serly = 131 serly = 95 serly = 121
	어느 하는 다른 다른 하는 하는 그 등 하는	
Force of Wind.		26; Nibu. g. w. w. s. w. w. s. w. s.
7	C. N.	M. 138 N.
-1	-	ABSTRACT.

State Weather. B. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	None Winding Winding	Mgx. Min. Mean.	-	11 19 14.95 7 13 9.38	5 111		25. 26. 27. 91 27	200	34	32 37 34.07 97 35 39.25	36	33 41	34 45 39.40	88	35	2	9	35 40 38.13	21, 29	28 36	9
Neather. Neathe	No. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	JANUARY, 1839. Temperature in Shade.	3. 110 120 120 120 220 2140 1340 1310 1310 13	1 8 19 18 17 16 134 154 124 19 19 19 19 19 19 19 19 19 19 19 19 19	0. 5. 6. 7. 8. 84. 11. 114. 11.	13. 13. 13. 14. 14. 14. 14. 13. 12. 11. 9.	3. 1 34. 16. 19. 20. 21. 22. 234. 24. 25. 24.	304. 32. 334. 33. 324. 33. 34. 35. 37. 3	20. 00. 47. 58. 47. 45. 448. 64. 34. 34. 37. 53. 37. 54. 54. 55. 58. 58. 50. 58. 50. 58. 50. 58. 58. 58. 58. 58. 58. 58. 58. 58. 58	3 6. 3 64. 3 7. 3 6. 3 44. 3 5. 3 3. 3 8. 3 3. 3 8. 3 2.	28. 27. 32. 33. 34. 35. 373. 38. 39. 40. 40. 40. 40. 46. 41. 42. 41.	39. 394. 40. 39	3. 37. 38. 35. 41. 32. 43.	25. 24. 23. 20. 19. 18th 17th 16. 15. 14. 1	3. 14. 15. 16. 18. 20. 21. 43. 23. 34. 2	8 -1	37. 38. 37. 34. 34. 33. 36. 37.	4 5 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	23. 25. 26.	35. 344. 35. 36. 34. 304. 32	•
	MAN AND AND AND AND AND AND AND AND AND A	State of Weather.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	5 8 1 8 1 3 3 3 3 8 8 0 5 8 9 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	b.y. eg. h 94. 11. 12. 1	7.4 5. 2.5. 2.9.	b35. 36. 37.	1 2 4 5 3 5 3 6 3 7 7 1 2 4 5 3 6 3 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 4 4 4 4 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1	m. g. b. g. L 409. 41.	12. 12. 0. 3.94. 3.9. 3.3.	5 th	d b. g. b.	1. 1.	3 83. 38	8 4 4 4 6 4 6 4 6 6 4 6 6 4 6 6 6 6 6 6	3 3 18 6 2 1 3 1 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5. 3. 3. 16 -2 8. 2 84. 2 65. 2 65. 2 65. 2 65.	
		Direction of Wind.	8W. NbW. S. SSW. W.	SbW. SSW. Scw.	Calm. Ville Swy. Calm. N.E.		- E	TUNE. Sy. SW. S	SW. NAW.	SW. SSW. W. NW.	NW. N. Nbw.	NAW.	SAW.	New.	North.	North NW. SW.	Calla. Vbe. Wy. E. Calla	Jan. KW. SW. Vble. Sr. Calm.	MAN SEL SE KAR.	#KE 586.	North.

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+	1,638 88 3 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
PEBRUARY, 1839. Temperature in Shade.	$\begin{array}{c} 3 \\ 2 \\ 6 \\ 6 \\ 7 \\ 7 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8$
State of Westber.	8.8 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9
Force of Wind.	
Discussion of the Control of the Con	## The Wife wife 1 1 1 1 1 1 1 1 1
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Days of Month.	Direction of Wind	Force of Wind.	State of Weather.	MARCH, 1839. Temperature in Shade.	+		Mean.
1	5 12 3 4 SSW. N. NNR. NNW.	2111384211	6 1 5 9 2 1 b. o. g. os. g. b.	$\frac{2}{-38}, \frac{6}{39}, \frac{1}{35}, \frac{1}{33}, \frac{1}{32}, \frac{1}{36}, \frac{4}{20}, \frac{1}{36}, \frac{3}{32}, \frac{1}{33}, \frac{1}{34}, \frac{1}{35}, \frac{1}{36}$	-29°	-39°	-34°.17
2	19 4 4 4	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	23 1	-38, 39, 35, 33, 32, 36, 29, 30, 32, 33, 34, 35, 36, -36, 37, 38, 37, 35, 32, 27, 25, 26, 38, 35, 36, 374, 38, 39, 40.	25	40	34.15
3	4 4 6 6 4	5. 4. 3. 2. 3. 2. 1. 4 4 3 2 1 1 5 1 2 1	b. g. 14 3 7 b. g. b.	1 2 0 0 1 1 1 1 1 5 1 1 0	26	411	31.75
1 250000000	C. E. S. NNW. N. 2 1 3 6 0 0 NNE. NEDS. N. VWbS. NEDS. N.	9 1 3 1 1 2 5 5 3 1	9. g. b.	-40½ 41.41¼ 41.40.38, 3g. 27, 26, 27, 29, 32, 30, 32, 32⅓, 3 4 1, 1 1 1 1 1 1 1 1 1 1 1 1 3 1	21	372	31.69
5	2 3 4 10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	D. 24	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	24	39	34.00
6	6 0 8 3 3 2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	18 3 1 2 b. h. o. b.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	194	40	28.56
7	4 0 4 8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	16 8 b. c.	1 4 2 1 1 2 1 1 1 1 1 3 2 1 2 2 1 1 2 2 1 1 1 1	14	29	22.27
8	W. Now. S. N. 4 8 4 8 8 N. N. NNW. Calm. N.	1 · 2 · 1 · 4 4 4 4 8 1 · 2 · 1 · 0 · 1 ·	7 1 8 3 1 1 3 b. g. b. c. o. g. b.	1 1 1 2 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	17	29	24.19
9	N. NNW. Caim. N. 4 20 SW. Calm.	$\frac{4}{1}, \frac{20}{0}$	3 1 20 b. g. b.	1 3 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 1	13	29	24.10
10	NW. SW. C. NNE. Calm.	$\frac{8}{1}, \frac{4}{0}, \frac{3}{1}, \frac{9}{0}.$	9 6 3 2 4 b.m.o.g.b.	-27.28.29.28.27, 26.27 , 26.23 , 18.14 , $13.15.16.19$, $22.23.25$, $27.28.29$, 18.14 , $18.15.16$, 19 ,	131	32	25.1
11	SSE C. SWS. SW. NE.	4 8 12 1. 0. 1.	94 b.	4 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15	34	27.45
12	NNW. C. N. NNE. Calm.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	16 2 3 1 1 1 b. gs. b. g. c. os.	2 1 1 2 1 1 1 1 1 1 2 1 1 1 3 1	19	37	29.2
13	Calm. W. NW. Calm.	$\frac{4}{0}, \frac{6}{4}, \frac{1}{3}, \frac{9}{2}, \frac{5}{1}, \frac{6}{0}.$	10 6 8 os. g. b.	1 3 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19	39	29.8
14	6 8 3 3 4 SW. C. WSW. C. S.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20 4 b g.	1 1 1 2 1 1 1 2 2 1 1 1 1 2 2	22	42	33.0
15	NE. SW. Calm.	10 14	1 1 3 8 o. g. o. b.	4 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16	39	29.9
16	WNW. C. NW. C. WNW.	4 3 3 2 8 4	6 9 9 b. g. b.	3. 34. 39. 20. 22. 21. 20. 13. 10. 19. 23. 29. 32. 34. 35. 37. 38. 39. 4. 201 20 20 20 20 20 20 20 20 20 20 20 20 20	21	40	33.5
17	1 7 8 4 4 NNW. C. SbW. NW. Calm.	1 7 1º 4 1. 0. 1 . 0.	9 4 11 b. g. b.	1 2 3 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	21	42	34.2
18	3 1 6 6 8 C. N. C. W. Calm.	$\frac{3}{0}, \frac{1}{2}, \frac{6}{0}, \frac{4}{1}, \frac{2}{2}, \frac{8}{0},$	24 h.	1 2 3 1 1 1 1 1 1 1 1 1 3	164	41	32.0
19	d 8 4 8	8 2 5 4 1 2 0	24	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19	39	28.7
20	NE. NNE. W. SSW. S. NW.	1 3 8 2 3 1 1 3 2	8 4 4 4 4 b. o. g. gs. b.	1 1 1 1 2 1 1 1 2 3 1 1 3 2 2 3 2 3 3 3 3	13	38	24.2
21	5 2 1 4 4 3 1 4 SSW. WSW. C. W. SW. N. C. W.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	211431 3 9	9 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1	14	29	22.8
22	SW. VSW. C. W. SW. R. C. W. SW. Calm. SW. Calm. SW.	$\frac{1}{1}, \frac{7}{0}, \frac{6}{1}, \frac{2}{2}, \frac{6}{1}, \frac{2}{2},$	11 I 6 b. g. o.	3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5	29	18.0
23	3 1 8 6 2 4 8W. S. C. SW. NW. Calm.	4 8 8 4	4 3 1 13 2 1	3 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+1	21	8.9
24	8 4 4 2 2 C. SE. Ville S to W. E. C. N.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10 2 8 1 1 2 os. g. os. o. g. b.	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15	12	+1.7
25	North, Calm.	$\frac{4}{1}, \frac{1}{3}, \frac{7}{2}, \frac{8}{1}, \frac{4}{0}.$	4 4 5 3 4 4 b, g. o. c. g. b.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5	17	-4.2
26	8 4 4 8 Rorth. W. NE. North.	8 8 1 1 6	24 b.	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	23	13.0
27	N. NNE. NE. NNE. NE.	6 3 2 2 3 4 3 1	14 1 1 1 T b. g. gf. o. os.	1 1 2 1 2 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3	-4	25	13.9
28	N. NNE. NE. NNE. NE.	3 1 4 9 1 3 2 8 3 5 4 6 5 5 6 6	15 1 4 4 os. o. g. b.	1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+7	13	1.7
29	6. E. C. SW. C. NW.	3 2 3 4 7 3 2	3 1 14 1 5 b. g. b. g. o.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	15	9	0.3
30	8 5 3 6 2 NW. NNE. N. NW. S.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 2 3 2 1 8 4	1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	161	1	+7.4
31	NW. NNE. N. NW. S. 6 2 11 1 4 SW. Wly. C. SSW. N.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 2 1 4 12 4 0. 0s. 0. 0s. g. 0s.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20	+4	9.6
	1 SW. Wiy. C. SSW. N. 1 21 8 23 0 N.209. NbW.8. NNW.50. NWbN.0			rly ⇒212]		40	-20.
VC	44 6 13 0 W.83, WbS.9, WSW.23, SWbW.6		Court Winds		+20	-42	-20.
STR			o South Easte				. 8
E Pan Z		13 NE.97. NEbN.2. NNE.99. N	a North Facto	rly =105 744 = 31 days. 10tal force of the Wind	A COLUMN TO SERVICE AND A SERV	TOP TO	0

Mean.	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	1.365
1	\$\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\	-21 +
+		+31
APRIL, 1830. Temperature in Shade.		Highest, Lowest, and Mean Temperature + Total force of the Wind
State of Weather.	0.80 0.80	South Westerly =216 South Westerly =200 South Easterly = 63 North Easterly = 191 720 = 30 days
Force of Whad.		10 10 10 10 10 10 10 10 10 10 10 10 10 1
Birection of Wind.	S. N.E. N. N. W. W. W. N. W. N. W. S. N. W. S. N. W. Calm. South. Calm. N. W.	N. 192. W. 186. 3.0 8.38.
Days of Mouth.	-90400100001121212121212121212121212121212	ABSTRACT,

fonth.	Direction of Wind.	Force of Wind.	State of Weather.	MAY, 1830. Temperature in Shade.	1	Mean
-010	NE. S. SSW. W.W. S. W. N.	20 20 20 20 20 20 20 20 20 20 20 20 20 2	115142114 Scg bq.obg.o. 318111 9.c. b. g. c.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	°0-9	8°.23 13.06 12.58
400	SbW. W\$W. West South. Sw. W SSW. WSW. WSW. WSW. WSW. WSW. WSW.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		11. 10. 11. 11. 12. 12. 11. 10. 12. 11. 11. 12. 11. 12. 11. 12. 11. 12. 11. 12. 11. 12. 11. 12. 11. 12. 11. 12. 11. 12. 11. 12. 11. 12. 12	•	13.19 8.29 10.38
1000	N.E. SSE. SWISS. WSW. WAW. WN.W. West. 8. SSW. WNW. S. ESE. East.	2012 1100 4100 50 100 1100 1100 1100 1100 11	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 2 4 2 6 2 8 2 7 4 2 7 2 1 2 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	r-15	6.81 8.54 8.54
2 2 2 2	LEN. NW. NNW. N. W. W. W. W. W. S. C. W. N. N. W. W. W. W. SW. C. W. SW. S. W. N. W. W. W. W. W. S. W. C. W.	2	28. 11.35 68. 11.35 68. 11.35 1.30 1.40 1.10 1.10 1.10 1.10 1.10 1.10 1.1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1017	6.50
14 15 16	\$\frac{\psi_{\begin{subar}{c} \psi_{\begin{subar}{c} \psi_{su	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	THE RESERVE OF THE PARTY OF THE	+1.1\$, 5. 8. 9. 10. 10\$, 12. 14. 15. 14. 13. 12. 13. 12\$, 12\$, 11\$, 12. 9\$, 6.5. \$\$, \$\$, \$\$, \$\$, \$\$, \$\$, \$\$, \$\$, \$\$, \$\$	440	13.4
138 13	East, S. E. NNE.	이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이	S	$\begin{array}{c} +\frac{9}{8},\frac{1}{84},\frac{1}{9},\frac{1}{11},\frac{1}{11},\frac{1}{13},\frac{1}{15},\frac{1}{17},\frac{1}{18},\frac{2}{20},\frac{2}{21},\frac{2}{20},\frac{2}{21},\frac{2}{20},\frac{2}{18},\frac{2}{17},\frac{2}{18},\frac{2}{17},\frac{2}{20},\frac{2}{21},\frac{2}{20},\frac{2}{2$		16.2 18.35 18.35
3222	NAW. NW. N. NNE. N.	30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.05.00.00	$\begin{array}{c} 1 + \frac{12}{15} \cdot \frac{13}{13} \cdot \frac{12}{14} \cdot \frac{13}{15} \cdot \frac{15}{16} \cdot \frac{17}{17} \cdot \frac{18}{18} \cdot \frac{13}{19} \cdot \frac{20}{18} \cdot \frac{17}{17} \cdot \frac{144}{14} \cdot \frac{14}{14} \cdot \frac{1}{13} \cdot \frac{2}{19} \cdot \frac{1}{18} \cdot \frac{1}{19} \cdot \frac{1}{18} \cdot \frac{1}{15} $	2001	14.48 14.71 14.71
3223	NEW. N. N. C. Calm.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		17.63 17.81
22888	C.S. SELENNWSWW. SWSENWW.C. E. N.E. SE. S. SW. W. NW. C. NNE. C. C. NE. SW. S. SW. W. NNW. SW. C. NE. SW. S. SW. W. NNW. SW. C. NE. W. S. SSW. S.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4. 44. 44. 44. 44. 44. 44. 44. 44. 44.	6.144. 2.3.22.19.18 1.2.3.22.19.18 1.2.7.25.25. 1.3.6.25.24		
313	C. SSW. C. SSW. E. N. NNE. NE. SEDE. Variable Easterly.	11. 010. 110. 110. 110. 110. 110. 110.	43 1 16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 26	3 8
	E N. 146. NEW 26. N. W. 166. NWEN. 6.	3 W 73. NWbW 0. WNW 125. WbN 10. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	North Westerly -2 South Westerly -1	Highest, Lowest, and Mean Temperature +3	+37-1	+15.27
	5.79. Suk.13. SSE7. SEDS.0. B.102. N.S. EVE.0. NEBER	SECT. ESE.10. ESS.0.	South Easterly -1	Total force of the Wind	1	1512

	Days of Month.	Direction of Wind.	Force of Wind.	State of Weather.	JUNE, 1830. Temperature in Shade.	+ 7	Mean.
	1 2	N. č. š. š. č. všiy. č. nne.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7 5 4 2 6 b. f. m. f. f. 3 2 19 b. m. b.	$+\frac{1}{281},\frac{1}{280},\frac{2}{280},\frac{4}{270},\frac{4}{270},\frac{1}{280},\frac{1}{300},\frac{1}{310},\frac{1}{3110},\frac{6}{320},\frac{1}{310},\frac{1}{300},\frac{1}{2910},\frac{1}{2910},\frac{1}{2810},\frac{1}{2710}$	32° 27° 36 26	29°.48 31.83
	3	NW. NNW. N. NNW. NNE. N.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 4 6 2 4 b. bc. b. bc, b.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	34 28	31.44
	5	NNW. NNE. North.	$\begin{vmatrix} \frac{6}{2}, \frac{2}{1}, \frac{3}{2}, \frac{1}{1}, \frac{1}{2}, \frac{2}{3}, \frac{2}{4}, \frac{2}{5}, \frac{4}{4}, \frac{1}{5} \\ \frac{2}{5}, \frac{2}{4}, \frac{4}{5}, \frac{1}{4}, \frac{2}{5}, \frac{2}{3}, \end{vmatrix}$	3 5 16 b, bc, b,	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{vmatrix} 35 & 27 \frac{1}{2} \\ 32 & 26 \end{vmatrix}$	31.85 29.00
0	- 6 7	N. N.W. N. N.B. N.E. S. W. NW. W. SSW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	22 2 b. g. 1 3 4 3 9 1 3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	34 26 40 28	30.13 32.98
	8	SSW. SW. SSW. NE. SSW. Calm.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 3 4 3 9 1 3 g. q. oq. o, bc. c, bc. 3 8 1 12 c. b. bc. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	55 30	40.10
	9	č. nř. č. ssw. sw. ssw. s. sw. ssw.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24 b. 24	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		38 08 38.04
	11 12	8W. W. SW. W. SW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 1 1 6 1 6 2 5 1 b. g. m. f. o. c. b. f. c.	$ \begin{array}{c} +30.31.33.35.36.37.38.39.42.44.45.47.48.49.44.39.35.33.32.31. \\ +\frac{2}{300} \frac{1}{31}, \frac{2}{32}, \frac{2}{34}, \frac{1}{35}, \frac{1}{36}, \frac{1}{38}, \frac{1}{40}, \frac{1}{41}, \frac{1}{42}, \frac{1}{41}, \frac{2}{40}, \frac{1}{36}, \frac{2}{34}, \frac{1}{33}, \frac{4}{32}. \end{array} $	42 301	
0	13	waw. se. c. nw. sw. s. c. s. sw. nw. nw. n. he. naw. ssw. waw	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f. m. o. b. qb. g. b. 2 10 1 5 c. os, o. b.	$\begin{array}{c} +32.33.34.35.86.37.88.38 & 39.41.44.49.48.46.44.42.40.37 & 35.34.33. \\ +33.32.34.36.38.35.39.40.36.32.30. \end{array}$	40 30	33.92
	14 15	WNW. W. Varble Sty. B. NE. NE NNE N. NEBE, S. S.W. W. NEC. N.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	4 2 4 2 6 2 2 2 c. cs. b. c. os. g. b. qs 7 4 1 1 1 1 9 os. o. g. gs. g. gs. os	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	46 28 46 29	36.08 35.54
	16	I NW. W. NW. N. E. SW. SE. ?	1.2.3.2.1.2.3.2.1.0.1. 1 7 1 3 7 1 1 2 1 1 7 1 3 7 1 1 2 1	1214431134 os.o.c.os.b.os.o g.o.g			37.92
	17	C NE. N. N. N. E. E. N. E. N. E. J. 13 1 1. S. N. C. NE.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	3 1 19 1 c. o. g. c.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	50 301	
	18 19	NE. ENE. N. C. NE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6 12 3 3 b. g. c. b. 4 3 1 2 1 1 1 3 7 1	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	58 31 48 31	38.13 35.77
0	20 21	3 5 2 3 4 N. C. E. C. NW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	g.m.of.g.c.q.qr.or.o 4 4 10 f o. g. b. o. 4 4 4 4 4 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	62 33 51 34	47.29 40.80
1	22	NE. C. SW C. S.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	b. qf, of. f. fr. f. 8 4 1 4 1 2 1 3 b. f. o. b. c. b. g. c	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	46 35	39.90
	23 24	\$ \$W. NE. SbW. C. SbW. East. NE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 1 20 c. g. b. 13 1 1 1 5 3 b. r. rs. s. sr. r.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	46 33 48 33	39.63 38.5
	25 26	NNE. S. SSE. SSW. W.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 8. b. sc. b.	$ \begin{vmatrix} \frac{4}{34}, \frac{1}{35}, \frac{1}{37}, \frac{2}{39}, \frac{1}{40}, \frac{1}{44}, \frac{1}{46}, \frac{2}{49}, \frac{1}{46}, \frac{1}{44}, \frac{1}{42}, \frac{2}{43}, \frac{1}{42}, \frac{1}{39}, \frac{3}{37}, \frac{1}{36}. \end{vmatrix} $	49 34 62 33	40.00 42.37
0	27	8 5 5 6 4 W. ENE. W. C. W.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b. gs. b. 5 3 5 1 1 1 1 b. bc. b. os. b. os. b	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	49 33	40 54
	28 29	W. WSW. NNE.	$\begin{bmatrix} \frac{2}{6}, \frac{1}{7}, \frac{1}{6}, \frac{1}{5}, \frac{2}{3}, \frac{2}{2}, \frac{9}{1}, \frac{7}{2}, \frac{6}{1} \\ \frac{3}{6}, \frac{2}{1}, \frac{9}{2}, \frac{1}{1} \end{bmatrix}.$	8 4 2 6 4 b. os. or. b. os. 5 2 4 5 4 3 fs. c. f. b. f. b.	$\begin{array}{ c cccccccccccccccccccccccccccccccccc$	50 33 42 33	40.21 37.21
	30	NNE. NE. North.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	fs. c. f. b. f. b. 2 4 2 2 4 2 2 2 4 c.fs.fr.frs.os.b.os.o.c	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		37.25
1	5	N.134. Nbw.o. Nhw.126. NWbN.o.			Total. Highest, Lowest, and Mean Temperature	+62 +26	+36.76
	ABSTRACT.	\$277. Wb8.0. W\$W.s. \$WbW.0. \$8.48. \$6E.0. \$5E.2. \$Eb8.0.		6 South Westerl bW.27. 9 South Easterly bS.0.	649 hours. 71 do. calan.		1425
	4	15 E.11. EbN.o. ENE.9. NEbE.12.	NE.175. NEbN.16, NNE.316. N	0 North Easterly	720 = 30 days. Total force of the Wind		1429

Days of Month	Direction of Wind.	Force of Wind.	State of Weather.	JULY, 1830. Temperature in Shade.	+	-	Mean.
1	North. NNW. NWbW. NW.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2 5 8 3 5 3 4 b.bq.b.bq.b.bc.b.		1 (000000000)		+40 .96
2	NW. SW. Vble.Wy. NNW.	2 2 2 3 2 T.	94 b. 4 2 4 14	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		36 32	43.5 35,46
3	North, NNE. North.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b. fr. b. c. 13 3 2 6 c. b. c. b.	$+36.\overline{32}.\overline{34}.\overline{35}.\overline{36}.\overline{37}.\overline{36}.$	43		40.88
5	North. 18 North. NNW. North.	5 1 2 1 1 4	24 b.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	51	43	46.40
6	NNW. NNE. SSW. East.	$\frac{9}{1}$, $\frac{5}{2}$, $\frac{10}{1}$.	18 g 4 b. g. b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	53		45.42
7	NNE. NE. E. NNE. S. Vule. SSW. C.	$\frac{7}{1}, \frac{9}{2}, \frac{8}{1}, \frac{7}{0}.$	b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	N Inches	32 37	45.70 47.13
8 9	NNW. C. SE. N. NE. SE. NNE.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b. g. 6 6 1 3 8 b. or. o. or. o.	+46.47.45.48.50.52.54.55.57.59.60.55.42.41.40.39.38.37.		35	36.70
10	7. 1. 2. 3. 4. 4. 5. 5. W. SSW. C. NNE.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b. or. o. or. o. 11 3 1 9 b. o. q. c.	+35, 37 , 38 , 37 , 36 , 37 , 36 , 37 , 36 , 37 , 36 , 37 , 36 , 37 , 36 , 37 , 36 , 37		36	39.13
11	V. S. W. SSW. C. NAE.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 1 4 6 B 1 1 c. b. c. b. c. o. or.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	52	35	43.13
12	13 NNW. NW. NW. NW.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 1 6 2 9 or. o. c. o. or.	$+\frac{3}{35}, \frac{3}{36}, \frac{1}{38}, \frac{1}{40}, \frac{1}{41}, \frac{1}{43}, \frac{1}{45}, \frac{1}{46}, \frac{9}{45}, \frac{1}{44}, \frac{1}{44}, \frac{1}{42}, \frac{1}{41}, \frac{9}{40}, \frac{1}{39}, \frac{3}{38},$	46		40.02
13	NW. C. N. NNE. C. NEbN.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12 6. 0 or. o. or.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	39 54	35	36.92 45.08
14 15	NNW, NNE. E. C. N. 8 5_ 11_	1. 2. 1. 0. 1. 2. 1. 8 5 9 2	or. o. f. f. f. b. c.	+30.42.40.38.40.42.46.48.49.51.52.53.54.50.45.42.40.38.37		37	49.04
16	NE. Calm. North.	5 4 2 6 2 1 2 1	b. 23 1 b. bq.	+37.39.42.44.46.48.49.55.60.61.59.55.34.51.50.48.46.44.42	48		45.13
1 17	New. NNW. NW.	$\frac{3}{7}$, $\frac{3}{6}$, $\frac{1}{5}$, $\frac{3}{4}$, $\frac{11}{3}$, $\frac{3}{4}$	24222633 g.c.b.c.or.o.g.c	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	46	38	41.21
⊕ 18	NW. N. Vole. Calm.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 20 c. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	50	0.000000	45.88
19	S. NW. Calm. NNE.	$\frac{7}{1}$. $\frac{13}{0}$. $\frac{1}{1}$. $\frac{4}{4}$. $\frac{4}{1}$.	b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	60 57	8 (SEPSEC)	51 96 48.44
20 21	NNW, N, Calm. North.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b. 4 20 bq. b.	+40.42.44.40.47.48.49.50.52.54.50.54.57.53.514.50.48.44.42	60	1000000000	49.29
22	NNW. Calm. NoW. Calm.	4.3.1.2.1.0.1.2.1.0. 2 1 3 3 3 8 3 1	\$ 20 bq. b.	+41. 40. 41. 42. 44. 48. 52. 53. 55. 56. 57. 59. 60. 58. 55. 47. 45. 43. 42. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	70	43	55.21
23	NW. C. W. C. E. S. SW. Calm.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	24	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	67	44	54 63
24	8 5 2 1 2 6 C. SbE. C. SE S. C.	$\frac{8}{0}$, $\frac{5}{1}$, $\frac{2}{0}$, $\frac{3}{1}$, $\frac{6}{0}$.	24 b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	62		53.58
⊕ 25	\$. \$E. \$W. \$. \$E. C.	$\frac{8}{1} \cdot \frac{2}{3} \cdot \frac{2}{2} \cdot \frac{5}{3} \cdot \frac{1}{2} \cdot \frac{4}{1} \cdot \frac{2}{0}$	8 4 12 b. c. b.	$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$			51.69 40.45
26 27	N. C. BE. Calm. NNE.	$\frac{3}{2}$, $\frac{3}{6}$, $\frac{1}{1}$, $\frac{1}{6}$, $\frac{4}{1}$, $\frac{4}{2}$, $\frac{4}{1}$, $\frac{4}{2}$	c. q. o. or. 8 1 4 1 10	+44.40.49.43.44.46.47.43.42.40.39.38.374.37.35.34.	47		42.08
28	N. C. NNE N. C. NNE.W. SW. W.	1.0.1.0.1.2. 3 .4.5 3 2 1 1 1 1 1 5 1 1	or. c. or. c. b.	+35. 38. 40. 42. 43. 44. 45. 46. 48. 49. 46. 44. 42. 41. 40. 39. 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 2	60		47.29
29	W. SW. SSE NW. SW. SE. C. N.	5.6.7.5.4.2.1.0.1. 20 4 1.0.	2 18 4 c. b. c.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	45	36	41.13
30	24 North.	$\frac{2}{1}, \frac{3}{3}, \frac{3}{1}, \frac{3}{2}.$	4 4 8 3 2 3 q. b. q. qr. f. qr	$+\frac{1}{40}, \frac{2}{38}, \frac{1}{39}, \frac{1}{40}, \frac{1}{42}, \frac{1}{43}, \frac{1}{41}, \frac{4}{42}, \frac{1}{40}, \frac{2}{39}, \frac{1}{38}, \frac{3}{37}, \frac{5}{36},$		36	39.00
31	NNE, ENE. North.	$\frac{4}{1}$, $\frac{3}{2}$, $\frac{3}{1}$, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{2}$	10 2 2 10 q. or. c. g.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	46	34	41.13
. 1	191 11 N.480, NbW.41, NNW,225, NWbN	o Nikes Nikeway	o o www.e. WbN.e.	North Westerly =327 Total. Highest Lowest and Mean Temperature	70	90	1157
RACI	M.480, No.W.41. NNW.225, NWON 43 0 8 0 W.97, WbS.o. WSW.13, SWbW	01 0 0		South Westerly = 93 Total. Highest, Lowest, and Mean Temperature 4 do. wind vbie.	-10	+ 32	+44.57
ABST	13 0 0	e. SE.31, SEBE.2, ES	E.o. EbS.o.	South Easterly = 50 102 do, calm. North Fasterly = 167 24 = 31 days Total force of the Wind			1303
<	E.s. ESN.o. ENE.S. NEST	10. NE.52. NESN.4. N	NE.147. NoE.o.	North Easterly =167 744 = 31 days.			

1	Days of Month.	Direction of Wind.	Parce of Wind.	State of Weather.	AUGUST, 1830. Temperature in Shade.	+	-	Mean.
đ	1 2 3 4	14 North. Vble Nly. N. Vble Nly. North. 10 2 2 8 4 1 North. North. W. S. Vble Sly. North. North. W. S. N. N. S. S. S. N.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24 b. 24 b. 24 b.	$\begin{array}{c} +\frac{2}{3}9^{\circ},\frac{2}{40^{\circ}},\frac{2}{41^{\circ}},\frac{2}{41^{\circ}},\frac{2}{41^{\circ}},\frac{2}{42^{\circ}},\frac{2}{43^{\circ}},\frac{2}{44^{\circ}},\frac{2}{45^{\circ}},\frac{2}{44^{\circ}},\frac{2}{40^{\circ}},\frac{3}{3}9^{\circ},\\ +\frac{3}{40^{\circ}},\frac{1}{3}9,\frac{1}{40^{\circ}},\frac{4}{42^{\circ}},\frac{2}{41^{\circ}},\frac{1}{3}9,\frac{1}{36^{\circ}},\frac{1}{37^{\circ}},\frac{1}{36^{\circ}},\frac{1}{35^{\circ}},\frac{1}{34^{\circ}},\frac{1}{35^{\circ}},\\ +\frac{1}{3}8^{\circ},\frac{1}{40^{\circ}},\frac{1}{42^{\circ}},\frac{1}{42^{\circ}},\frac{1}{42^{\circ}},\frac{1}{42^{\circ}},\frac{1}{42^{\circ}},\frac{1}{42^{\circ}},\frac{1}{36^{\circ}},\frac{1}{36^{\circ}},\frac{1}{35^{\circ}},\frac{1}{36^{\circ}},\frac{1}{35^{\circ}},\frac{1}{36^{\circ}},\frac{1}{35^{\circ}},\frac{1}{36^{\circ}},\frac{1}{35^{\circ}},\frac{1}{36^{\circ}},\frac{1}{35^{\circ}},\frac{1}{36^{\circ}}$	42 56	33 38	41 [*] .50 38,96 47.00 47.25
• 4	5 6 7 8 9 10 11	NAW. Vble.+. \$, NW. \$. N. NW. Vble.+. \$, NW. \$. N. NW. Vble. NW. \$, \$ NNE. V.+.W. SW. SW. Vble. +. NNE. Vble. Nly NNW. N. NNE. Nbw. NNW. WbN. SE. SW. \$ N. SW. \$. NWbw. NW. NNW. Calm. C, SWbW. W. Vble. Sly. \$. Vble. Siy. WWSW. SW. Sc. \$. SSW. \$W. \$SE.	$\begin{array}{c} \begin{array}{c} 2 \cdot 3 \cdot 2 \cdot 1 \cdot 0 \cdot 1 \cdot 2 \cdot \\ \hline 2 \cdot 3 \cdot 3 \cdot 2 \cdot 1 \cdot 1 \cdot \\ \hline \frac{7}{1} \cdot 2 \cdot 3 \cdot 4 \cdot 3 \cdot 3 \cdot 2 \cdot 1 \cdot \\ \hline \frac{5}{1} \cdot 2 \cdot 3 \cdot 4 \cdot 3 \cdot 3 \cdot 2 \cdot 1 \cdot \\ \hline \frac{5}{1} \cdot 3 \cdot \frac{7}{2} \cdot \frac{4}{2} \cdot \frac{8}{1} \cdot \\ \hline \frac{2}{2} \cdot \frac{1}{3} \cdot \frac{1}{2} \cdot \frac{4}{1} \cdot \frac{6}{2} \cdot \frac{1}{3} \cdot \frac{1}{2} \cdot \frac{8}{1} \cdot \\ \hline \frac{1}{1} \cdot \frac{5}{2} \cdot \frac{7}{1} \cdot \\ \hline \frac{6}{1} \cdot 2 \cdot \frac{1}{3} \cdot 4 \cdot 5 \cdot 4 \cdot 3 \cdot 2 \cdot 1 \cdot 0 \\ \hline \frac{4}{3} \cdot \frac{16}{2} \cdot \frac{1}{3} \cdot \frac{2}{4} \cdot \frac{1}{5} \cdot \\ \hline \end{array}$	20 1 1 2 b. c. g. gr. 3 1 13 1 6 c. cr. b. bv. b. 4 4 4 4 4 4 f. b. or. ov. off. fr. 4 8 2 1 1 2 6 f. or. b. bv. o. or. qr. 2 2 3 5 6 2 4 c. b. c. fr. g. or. off. 2 2 4 2 2 2 2 2 1 1 2 off. cov. of. cer. c. or. c. g. or. off. 2 9 4 2 7 2 2 2 2 1 1 2 off. cov. of. cer. c. or. c. g. or. off.	$\begin{array}{c} +\frac{1}{4}\frac{1}{1},\frac{2}{4}\frac{2}{0},\frac{2}{3},\frac{1}{4}\frac{1}{0},\frac{1}{4}\frac{1}{1},\frac{1}{4}\frac{1}{0},\frac{2}{3}\frac{1}{2},\frac{2}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{2}{0},\\ +\frac{1}{4}\frac{1}{1},\frac{1}{4}\frac{0}{0},\frac{3}{9},\frac{4}{4}\frac{0}{0},\frac{4}{4},\frac{4}{4}\frac{1}{0},\frac{4}{6},\frac{4}{8},\frac{5}{0},\frac{5}{5}$	58 56 44 48 42 41 43	39 36 34 36 36 38 35	47.83 44.00 39.71 39.67 39.38 39.81 39.67
4	13 14 15 16 17 18	NE SE.SW. NE SE.SW. N. C. SSW. Vble Wly. SE. S. W. WSW. Wbs. W. NW. NE.SENE.NE.NW. NW. W. WNW. NW. NE. SW. C. SWSW. N. C. SW. SE. Vble Nly. SE. E. C. 2. N. Vble.Wly. SE. SSW. S. NW. N. NW.	$\begin{array}{c} \frac{3}{4}, \frac{1}{3}, \frac{0}{4}, \frac{1}{2}, \frac{2}{3}, \frac{3}{5}, \frac{1}{6}, \\ \frac{5}{1}, \frac{4}{0}, \frac{1}{1}, \\ \frac{1}{1}, \frac{3}{0}, \frac{1}{1}, \frac{3}{2}, \frac{1}{1}, \\ \frac{2}{1}, \frac{3}{2}, \frac{1}{2}, \frac{2}{3}, \frac{2}{2}, \frac{1}{1}, \frac{1}{4}, \frac{1}{2}, \\ \frac{7}{1}, \frac{7}{2}, \frac{5}{1}, \frac{1}{0}, \frac{1}{3}, \frac{1}{4}, \frac{2}{2}, \\ \frac{6}{0}, \frac{1}{1}, \frac{6}{0}, \\ \frac{4}{0}, \frac{1}{1}, \frac{2}{4}, \frac{5}{3}, \frac{1}{2}, \frac{1}{4}, \frac{1}{3}, \end{array}$	7 1 16 c, cf. c. 6 6 6 6 c, cr. c, b. 8 6 10 bc, c, g. 13 1 10 c, cµ, c, 8 10 6 g, c, or, 1 2 3 1 12 5 q, of, c, cfr, c, f, 4 12 2 4 1 f, g, or, g, c, q.	$\begin{array}{c} +\frac{3}{3}\frac{1}{9},\frac{1}{3}\frac{1}{8},\frac{1}{3}\frac{1}{6},\frac{1}{3}\frac{2}{7},\frac{1}{3}\frac{1}{6},\frac{1}{3}\frac{1}{7},\frac{1}{3}\frac{2}{9},\frac{1}{3}\frac{3}{9},\frac{1}{3}\frac{3}{9},\frac{1}{3}\frac{3}{9},\frac{1}{3}\frac{3}{8},\\ +\frac{2}{3}\frac{2}{8},\frac{2}{3}\frac{2}{9},\frac{2}{4}0,\frac{1}{4}1,\frac{1}{4}\frac{1}{2},\frac{1}{4}\frac{1}{3},\frac{1}{4}\frac{1}{2},\frac{1}{4}\frac{1}{1}\frac{1}{4}\frac{1}{1}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{4}\frac{1}{3}1$	43 48 43 44 41 46	36 34 34 36 34 34	38.42 39.30 40.5 39.58 39.30 37.46 39.17
đ	19 20 21 22 23 24 25	NW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5 13 6 g. c. b. 5 2 12 1 3 c. b. c. g. fr. 2 12 2 8 cr. c. b. bc. 6 18 c. b. 4 16 4 bq. b. bq. 10 1 1 4 3 1 4 b. obr. of. or. c. of. c	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	46 46 53 48 42	35 34 38 36 35	41.19 41.00 39.98 45.00 42.65 39.58 36.88
e e	26 27 28 29 30 31	No.	$\begin{array}{c} 3 \cdot 5 \cdot 4 \cdot 3 \cdot 3 \\ \frac{1}{3} \cdot \frac{1}{5} \cdot \frac{1}{4} \cdot \frac{2}{5} \cdot \frac{6}{4} \cdot \frac{1}{3} \cdot \frac{3}{4} \cdot \frac{7}{3} \cdot \frac{7}{2} \cdot \\ \frac{4}{3} \cdot \frac{4}{2} \cdot \frac{4}{1} \cdot \frac{2}{2} \cdot \frac{6}{3} \cdot \frac{4}{4} \cdot \\ \frac{6}{4} \cdot \frac{4}{3} \cdot \frac{2}{4} \cdot \frac{3}{3} \cdot \frac{2}{4} \cdot \frac{2}{3} \cdot \frac{4}{4} \cdot \\ \frac{1}{6} \cdot \frac{6}{7} \cdot \frac{1}{6} \cdot \frac{5}{5} \cdot \frac{1}{6} \cdot \frac{1}{7} \cdot \frac{6}{8} \cdot \frac{9}{7} \cdot \frac{9}{8} \cdot \\ \frac{6}{8} \cdot \frac{2}{6} \cdot \frac{2}{4} \cdot \frac{2}{3} \cdot \frac{1}{4} \cdot \frac{1}{3} \cdot \frac{9}{4} \cdot \frac{2}{3} \cdot \frac{4}{2} \cdot \\ \frac{7}{1} \cdot \frac{1}{2} \cdot \frac{1}{1} \cdot \frac{1}{4} \cdot \frac{3}{3} \cdot \frac{5}{5} \cdot \frac{6}{7} \cdot \frac{3}{8} \cdot \frac{2}{8} \cdot \\ \frac{7}{1} \cdot \frac{1}{2} \cdot \frac{1}{1} \cdot \frac{4}{4} \cdot \frac{3}{3} \cdot \frac{5}{5} \cdot \frac{6}{7} \cdot \frac{3}{8} \cdot \frac{2}{8} \cdot \\ \end{array}$	c. 3 1 1 2 1 16 cq. or. cr. c. or. c. 2 4 c. 6 2 10 2 4 c. be. b. o. c. 5 7 6 2 4 o. c. be. c. cq. 2 10 4 2 2 4 cq. e. be. b. c. b. 2 17 4 1 b. c. or. c.	$ \begin{vmatrix} +3 & 6 & 3 & 7 & 7 & 3 & 8 & 3 & 7 & 3 & 6 & 6 \\ +3 & 6 & 3 & 7 & 3 & 8 & 8 & 3 & 9 & 4 & 0 & 4 & 1 & 4 & 3 & 8 & 3 & 7 & 8 \\ +3 & 6 & 3 & 7 & 3 & 8 & 8 & 3 & 9 & 4 & 0 & 4 & 1 & 4 & 2 & 4 & 3 & 8 & 3 & 7 & 8 \\ +3 & 7 & 3 & 8 & 3 & 9 & 4 & 0 & 4 & 1 & 4 & 2 & 4 & 3 & 4 & 2 & 4 & 1 & 2 & 3 & 3 & 6 & 8 \\ +3 & 6 & 3 & 7 & 3 & 8 & 4 & 0 & 4 & 1 & 4 & 2 & 4 & 3 & 4 & 4 & 4 & 1 & 3 & 9 & 3 & 7 & 3 & 6 & 3 & 7 & 3 & 8 & 4 \\ +3 & 6 & 3 & 7 & 3 & 8 & 4 & 0 & 4 & 1 & 4 & 2 & 4 & 3 & 4 & 4 & 4 & 3 & 4 & 1 & 3 & 9 & 3 & 7 & 3 & 6 & 3 & 7 & 3 & 8 & 8 \\ +3 & 8 & 3 & 7 & 3 & 8 & 3 & 6 & 3 & 8 & 4 & 1 & 4 & 3 & 4 & 2 & 4 & 1 & 4 & 0 & 3 & 9 & 3 & 8 & 8 \\ +3 & 8 & 3 & 7 & 3 & 6 & 3 & 7 & 3 & 8 & 4 & 1 & 4 & 3 & 4 & 2 & 4 & 1 & 4 & 0 & 3 & 9 & 3 & 8 & 8 \\ +3 & 7 & 3 & 6 & 3 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2$	41 43 44 43 44	36 36 36 35 35	37.83 39.73 39.71 38.67 38.80 37.40
	ABSTRACE,		32. SWbS.0. SSW.38. SbW. 16. SEBE.0. ESE.0. EbS	8. South Westerly = 87 8. South Easterly = 73 0. North Easterly = 50	Total. 609 hours. 16 do. wind variable. 29 do. calm. 741 -31 days. Highest, Lowest, and Mean Temperature Total force of the Wind	+58+	33+	40.87 1996

	Меап.	30°35 32.5°35 31.60 31.67 31.67 31.67	28.79 28.04 38.04 36.45 36.45		27.42 22.58 23.67 28.09 24.27 11.4 13.04 11.98	5+27.42
		និនិនិងក្នុងនិង្គ		22 24 25 25 25 25 25 25 25 25 25 25 25 25 25	44488855 r mr	+
Υ.		34 33 33 35 35 35 35 35 35 35 35 35 35 35	322	3 3 8 8	12 1 138888773	£4 ·
T SHIP, TAKEN ON THE ICE, AND REGISTERED HOURLY	SEPTEMBER, 1836. Temperature in Shade.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} + \frac{c}{29}, \frac{1}{3}, \frac{1}{26}, \frac{1}{26}, \frac{1}{29}, \frac{1}{30}, \frac{1}{31}, \frac{1}{31}$	+32.31.304.51.33.35.36.37.39.460.39.38.36.33.32.31.30.29. $+25.26.27.38.29.30.31.34.35.40.38.54.38.54.38.54.38.56.39.39.89.$ $+86.1.1.1.3.3.14.31.30.27.36.35.36.31.30.27.26.25.24.36.35.36.$ $+36.32.32.33.36.33.32.34.31.30.27.26.25.24.36.35.36.37.26.35.34.36.36.36.36.36.36.36.36.36.36.36.36.36.$	+ + 2 - 2 - 2 + 2 - 2	Highe Total
IY DISCOVERY	State of Weather.	2. 2. 2. 1. 1. 1. 1. 1. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	0.8 1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0. 08. c. b. c. b. c. b. c. b. c. os. bc. c. os. bc. c. os. bc. c. os. os. os. c. os. os. os. os. os. os. os. os. os. os	(1) (2) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	17=340 Total 17=157 696 hours 7 do. w 17=106 17 do. c 17 do. c 17 - 93 720 - 30
TONS OF THE VICTOR	Paree of Wind.			61 60 00		
METEOROLOGICAL OBSERVATIONS OF THE VICTOR	Direction of Wind.	N. NW. W. WNW. W. WAW. NW. N. NoW. S. NNW. NDW. NW. NW. NW. N. NOW. NOW. NW. NW. NW. NW. NNW. NW. NW. NW. N. N. WSW. SSW. S. E. ENE. NE. NOTH. NOW. NOTH. NOW. NOTH. NOW. NOTH. NOW. NOW. N. N. N. NO. N. N. N. N.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	S.W. VDIE EROS. WES. WS. VDIE.W. NW. WDN. WES.W. W.N. N.W. W.N.W. VDIE.W.F. W.N.W. W. WSW. I. VDIENWIN. W. W.S. WSW. SW. SSW. S. SDW. S. SEE. SEE. SDE. NNE. N. N. W. N. S.W. W.N.W. W. W.N.W. WES. SW. W. SSW. VDIE. I. N. S.W. W.N.W. W. W.N.W. WES. SW. W. SSW. VDIE. I.	SWDW. WIY. WSW S. SW. WSW. S. SSE. SSW. S. SSW. NSW. NSW. NSW. NSW. SSW. S	M. 404, Kew. 122
	Days of Conth.	-01004000000	5 1 2 2 2 2 2 2 3 2 3 3 4 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7	12 8 13	88 8 28 28 28 28	VBSTRACT
		0	0	0	⊕	

1		ays of onth.	Direction of Wind.	Force of Wind.	State of Weather.	OCTOBER, 1830. Temperature in Shade.	+		Mean
	- Telephone 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2	NWbN. NW. WWW. NW. Vble. Wly. sw. wsw. w. 4 10 Wbs. West. NW. West.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 2 5 2 4 6 b. g. o. g. c. b. 24 c.	4 1 4 1 1 2 3 1 1 1 5	$19^{\circ}_{\frac{1}{2}}$ 19	12	15°.2
Ð		3 4	w. wbn. wbn. wbn. w. wbn.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 3 16 1 c. g. c. o. 2 2 6 1 1 4 4 4	6 1 3 1 5 1, 1 1, 2 1 1 1	19 20	14	16.4
	500000	5	W. NW. WbN. WSW. W. WbN. WbS. WSW. SWbW. 2 1 1 3 2 4 1 1 2 2 1 4 SW. SSW.S. Vblesly.S. SbW. NE. N. NbE. NnE. N. Nn. W.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0, g, 0s, 0, c, 0, 0s, 0, 4 4 8 2 2 4 q, c, b, co,o, os, oq.		$23_{\frac{1}{2}}$	13	18.9
	III. ORG	6 7	NWbW. NNW. NW. WNW. WbN. Wbs. C. W. W. SW. W. S. SW. W. WSW. SW. WSW. W	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 4 13 1 1 1 cq. q. c. o. os. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	15 17	8 7	12.4 13.2
		8	W. SW. W. S. SW. W. WSW. SW. WSW. W. W. W. W. W. W. W. NW. N. N. NE.	2.1.2.3. 2.4.2.8.3.1.4.	0s. c. cb. b. c. 3 11 2 1 6 1 c. b. q. o. o. c.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12	5	9.2
Ð	SECON	9	NEbN. N. WNW. Calm.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 2 18 b. g. b.	$+\frac{2}{13.14.13.12.11.19.39.11.12.12.12.13.10.11.10.19.19.19.19.19}{13.14.13.19.11.19.19.19.19.19.19.19.19.19.19.19.$	10	2 0	10.0
	1	1	WNW. C. SE. C. SWbS. Calm. 4 4 4 3 4 1 3 4 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24 b. 4 20 c. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12	3	6.0
		2	Sly. W. C. NW. NE. North.	$\begin{array}{c} 8 & 4 & 8 & 4 \\ \hline 1. & 0. & 1. & 2. \\ 4 & 6 & 1 & 1 & 1 & 0 & 2 \end{array}$	16 2 6 o, of, o,	$\begin{vmatrix} \frac{8}{6} & \frac{1}{8} & \frac{9}{9} & \frac{1}{10} & \frac{3}{9} & \frac{3}{8} & \frac{3}{9} & \frac{9}{10} & \frac{1}{8} \\ \frac{1}{8} & \frac{8}{6} & \frac{1}{1} & \frac{9}{1} & \frac{1}{1} & \frac{1}{1} & \frac{5}{1} & \frac{1}{1} & $	10 8	6	7.9
	1	4	N. C. NW. SW. NW. 2 4 6 4 3 3 3 SW. C. SEly. B. Sly. SbE. South.	1. 0. 1. 2. 1 . 2. 1. 1. 2. 1 . 2. 1 . 3. 2. 1. 0. 1. 2. 1 . 3. 3. 4. 6. 8	b. 10 8 2 4 b. g. o. os.		22	0	6.3
		6	\$. ssw. sw. wsw. se. wsw. sw.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 2 2 1 9 1 7 o. os. o. c. b. q. o. 18 6		24 18	14 18	18:2
B	1	7	W. NE. WSW. S6E. E. SE. ENE. NNE. N. NNE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0. 0s. 6 7 1 6 1 1 2 0. bd. 0. os. 0. b. 0	18. 4 1 2 1 2 1 2 2 1 1 2 1 3 1	18	7	12.7
		8	wsw. sw. 5 sws. sw.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 1 5 3 6 2 2 2 b. c. o. h. c. b. c. o. 5 7 1 2 1 2 1 1 2 5	+9.10.11.12.11.10.8.9.	12 13	8 3‡	10.5
	2	20	SW. S. SW. 3 5 5 1 SW. SSW. S. C. W. Easterly.	$\begin{bmatrix} \frac{2}{8}, \frac{1}{7}, \frac{1}{6}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{3}{3}, \frac{1}{2}, \frac{3}{3}, \frac{1}{2}, \frac{1}{3} \\ \frac{1}{2}, \frac{2}{3}, \frac{7}{2}, \frac{3}{1}, \frac{1}{6}, \frac{3}{1}, \frac{1}{6}, \frac{1}{4}, \frac{1}{3} \end{bmatrix}$	0. b. 0. 0s. 0. q. c. b.c. 0 4 3 1 14 2 0. 0s. 0. b. q.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12	4	9.4
		21	Vole B. to SSW. SE. East. B	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 1 1 13 4 1 3 q. qs. g. b. q. o. os 12 6 6		13 18	6 12	9.4 15.3
	2	23	NE. N. NbW. NW.	7. 6. 4. 3. 2. 4. 3. 3. 4. 5. 3. 6. 6. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	12 6 6 os. o. os. 9 7 8 os. o. os.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	22	18	20.7
B		24 25	NNW. NW.	$\begin{smallmatrix} 2 & 1 & 1 & 6 & 1 & 1 & 7 & 1 & 1 & 1 & 1 \\ 4 & 5 & 4 & 5 & 4 & 3 & 2 & 3 & 4 & 3 & 2 & 1 \\ 1 & 1 & 1 & 1 & 2 & 3 & 4 & 3 & 2 & 1 \\ 1 & 1 & 1 & 1 & 2 & 3 & 4 & 3 & 2 & 1 \\ 1 & 1 & 1 & 2 & 3 & 3 & 4 & 3 & 2 & 1 \\ 1 & 1 & 1 & 2 & 3 & 3 & 4 & 3 & 2 & 1 \\ 1 & 1 & 2 & 3 & 3 & 4 & 3 & 2 & 1 \\ 1 & 3 & 3 & 3 & 3 & 3 & 3 & 3 & 3 & 3 &$	14 4 6 os. c. b.	+2 1. 20. 19. 18. 17. 16t. 16. 15. 14t. 12. 10t.	21 9	ESS. 222.78	16.0 3.4
	2	26	NWbw. w. wbs. c. wsw. wly. c. wnw.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20 1 3 b. g. o. 16 4 4	147 7 7 7 7 7 7 7 7 7 7 7 7	10	$-\frac{1}{2} + 6$	7.9
		27 28	18 2 4 NW. Calm. Westerly. 1 2 5 16	$\frac{6}{2}, \frac{6}{1}, \frac{4}{2}, \frac{2}{1}, \frac{2}{0}, \frac{4}{1}, \dots$	1 1 7 7 8 e. es. e.b. e. 3 1 1 2 17	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10 7	8 -12	9.2
	2	29	W. WSW. SW. West. 4 1 7 2 6 E. SE. B. NNE. Eastly. Ebs.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0. 08. 0. q. b. 4 6 4 6 4	$\begin{array}{c} +\overline{7}, \overline{6}, \overline{3}, \overline{2}, \overline{6} - \overline{4}, \overline{4}, \overline{4}, \overline{4}, \overline{5}, \overline{6}, \overline{7}, \overline{8}, \overline{9}, \overline{11}, \overline{9}, \overline{11} \overline{12}, \overline{114}, 9, \\ -\overline{9}, \overline{6}, \overline{4}, \overline{4}, \overline{2}, \overline{1}, \overline{1}, \overline{1}, \overline{1}, \overline{1}, \overline{2}, \overline{1}, \overline{2}, \overline{3}, \overline{4}, \overline{4}, \overline{6}, \end{array}$	6	9	+0.0
Đ		30 31	2 2 3 3 2 12 E. S. SW. SSE. SW. South. 4 10 10 SbE. SE. South.	4 4 2 2 2 2 2 2 2 2 3 4 3 2 3 2 3 4 3 2 2 3 2 1 2 1 3 3 4 3	2 4 2 6 2 2 2 2 1 o. c. b. os.o. b. g. c.o 1 3 1 4 1 1 5 2 6	$\begin{array}{c} 2 \\ +\frac{1}{9}, \frac{1}{8}, \frac{1}{7}, \frac{1}{6}, \frac{1}{5}, \frac{1}{7}, \frac{9}{8}, \frac{1}{6}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{4}, \frac{1}{3}, \frac{1}{2\frac{1}{4}}, \frac{9}{2}, \frac{2}{3}, \frac{3}{4}, \frac{1}{\delta}, \\ \frac{9}{4}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{4}{1}, \frac{9}{2} \end{array}$	9 24	+2	4.5 19.3
7			The second secon	10 51 25 North West	los.o.b.c.os.o.os,o.ofo terly = 233	d+8, 10, 1g, 13, 14, 15, 16, 19, 20, 22, 23, 24.	04	10	10
		RACT	N.33. NoW.12. NNW.118. NWbN.10. NW.205. NV 92 W.266. WbS.41. WSW.192. SWbW.3. SW.255. SW	VbW.40. WNW.100. WbN.87. 8 12 4 South West 7bS.27. SSW.29. SbW.5.	terly =244 694 hor	al. Highest, Lowest, and Mean Temperature wind variable.	+24	- 12	+10.
		ABSTRA	55 15 3 0 31 S.166, SbE.33, SSE.10, SEbS.0, SE.95, SI	0 0 0 0 South Eas be.0. ESE.0. ESS.13. 4 3.0 2 North Eas EbN.13. NNE.124. NbE.5.	terly =110 $\left[\begin{array}{c} 49 \text{ do.} \end{array}\right]$	calm. Total force of the Wind	No.	•	21

П	Days of Month.	Direction of Wind.	Force of Wind.	State of Weather.	NOVEMBER, 1836. Temperature in Shade.	+	-	Mean.
	1	8. Wiy. 8. WNW NW.	3 2 1 4 2 8 4 2. 3. 4. 2. 1. 2. 4.	2 6 4 10 1 1 o. c. o. os. o. c.	$+\frac{3}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{4}{2},\frac{1}{2},\frac{4}{2},\frac{1}{2},\frac{3}{2},\frac{3}{2},\frac{3}{2},\frac{3}{2},\frac{1}{2},\frac{2}{2},\frac{2}{2},\frac{1}{18},$	24°	P. 5000 1-700	21°.38
	2	NWbN. NNW. NE. NNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 2 1 19 . c. os. g. b.	$+\frac{1}{18},\frac{1}{17},\frac{1}{16},\frac{1}{15},\frac{1}{14},\frac{1}{13},\frac{1}{12},\frac{1}{9},\frac{1}{8},\frac{1}{7},\frac{2}{6},\frac{1}{5},\frac{1}{4},\frac{1}{3},\frac{1}{1},\frac{1}{16},\frac{1}{2},-\frac{2}{2},\frac{1}{3},\frac{1}{4},\frac{1}{3},\frac{1}{2},\frac{1}{2}$	18	-4	5.92
	3	NW. NNW. North.	6.5.8.4.3.2.3.4.3.6.787 4 4 3 1 1 1 1 1 2 1 2 3	b. o. os. 2 2 3 1 4 1 5 6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	+24	6+2	-3.00 -14.40
	5	North. SSE. E. NEDN.	9.10.8.7.5.4.3.1.3.4.3.4 5 2 3 4 3 3 1 1 2	cs. ds. bd.qd.os.o. b.o. 2 4 4 2 6 2 2 2	$+\frac{2}{2}$, $\frac{3}{3}$, $\frac{3}{4}$, $\frac{5}{3}$, $\frac{6}{6}$, $\frac{7}{7}$, $\frac{3}{8}$, $\frac{9}{9}$, $\frac{7}{114}$, $\frac{1}{15}$, $\frac{1}{18}$, $\frac{2}{20}$, $\frac{2}{29}$, $\frac{2}{24}$, $\frac{2}{22}$, $\frac{2}{20}$, $\frac{2}{3}$	Page Street	14	19.75
H	6	North. 15 2 3 1 NNW N. NEDE. 8. NW.	3 1 1 2 1 2 4 2 1 1 3 2 1	1 15 2 1 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN 1	16	19.02
0	7	NW. W. S. SW. NW. S. SE.	1 15 2 6 1 1 5 2 6	6 6 2 2 8 0. 05 0. 08. 0.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		12	14.06
	8	SEDE. E. NE. SEDE. C. SEDE.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	2 1 1 9 1 1 5 4 0. os. o. os. o. g. b. g.	$+\frac{1}{10}, \frac{1}{9}, \frac{1}{8}, \frac{1}{6}, \frac{1}{74}, \frac{1}{9}, \frac{1}{98}, \frac{1}{10}, \frac{4}{9}, \frac{1}{10}, \frac{1}{13}, \frac{1}{11}, \frac{1}{104}, \frac{2}{6}, \frac{1}{5}, \frac{3}{4}, \frac{2}{6},$	13	4	7.94
	9	\$\frac{4}{8EbS.} \frac{8}{S.} \frac{2}{NNW}. \frac{10}{NW}.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	2 1 1 4 2 4 1 1 1 os.o.os.o.g.b.c.q.c.	$+\frac{1}{4},\frac{1}{5},\frac{1}{6},\frac{1}{5},\frac{1}{5},\frac{5}{6},\frac{1}{8},\frac{1}{9},\frac{4}{10},\frac{1}{8},\frac{2}{6},\frac{1}{4},\frac{1}{3},\frac{1}{2},\frac{1}{2},\frac{3}{2}$	10	2	5.96
	10	NW. SW to S. W. SEBE. N. E. SEBE.	$\frac{1}{4}, \frac{1}{3}, \frac{2}{2}, \frac{2}{1}, \frac{6}{2}, \frac{8}{1}, \frac{2}{2}, \frac{1}{3}, \frac{1}{4}.$	8 4 6 1 3 2 b. bc. b. c. o. os.	$+\frac{1}{1}, \frac{1}{-1}, \frac{2}{2}, \frac{1}{3}, \frac{2}{4}, \frac{1}{3}, \frac{1}{3}, \frac{1}{5}, \frac{2}{11}, \frac{3}{12}, \frac{1}{13}, \frac{1}{15}, \frac{1}{16}, \frac{2}{17}, \frac{1}{13}, \frac{2}{11}, \frac{1}{9},$	高水建水油桂和	16	-8.75
	11	SE. ESE, E. ENE. N. NW. N.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	0s. c. bc. b.	$\begin{bmatrix} \frac{1}{9}, \frac{1}{8}, \frac{1}{7}, \frac{3}{6}, \frac{1}{5}, \frac{3}{4}, \frac{1}{3}, \frac{9}{2}, \frac{1}{3}, \frac{1}{3}, \frac{9}{4}, \frac{1}{6}, \frac{1}{6}, \frac{1}{7}, \frac{1}{7}, \frac{3}{8}, \\ \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{3}{8}, \frac{1}{1}, \frac{1}{1}, \frac{3}{1}, \frac{1}{1}, \frac{3}{1}, \frac{1}{1}, \frac{3}{1}, \frac{1}{1}, \frac{3}{1}, \frac{3}{1$	-2	9	5.42
11	12	N. NNW. North.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b.bc.c.o.c.c.cs.c.b.bc.	$-\frac{1}{8}$, $\frac{1}{11}$, $\frac{1}{9}$, $\frac{1}{8}$, $\frac{1}{9}$, $\frac{1}{7}$, $\frac{1}{8}$, $\frac{1}{9}$, $\frac{1}{11}$,	1. \$42.00 (C.C.)	11 24	8.83 16,60
4	13 14	NW. C. S. C. N. C. N. C.	$\vec{1}$, $\vec{0}$,	4 4 16 b. c. b. 6 6 12 b. c. b.	$-12.\overline{13}.\overline{14}.\overline{15}.\overline{14}.\overline{15}.\overline{12}.\overline{12}.\overline{15}.\overline{15}.\overline{17}.\overline{19}.\overline{20}.\overline{21}.\overline{22}.\overline{23}.\overline{24}.$			27.33
	15	Caim. Vble + Calm.	0 . 1 . 8 1 2 4	b. c. b.	$\begin{array}{c} -24.25.26.27.278.28.27.26.28.281.30.28.29.28.27.26. \\ -10.10.10.20.20.20.20.20.20.20.20.20.20.20.20.20$			28.21
	16	Calm. Vble+. Calm. 4 12 2 3 1 2 Calm. SW. SbE. N. E. SE.	0. 1. 0. 4 1.9 1	18 2 1 3 b. os. o. q.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			28.08
H	17	4 3 1 4 2 6 4 8E. R. ESE. NNE. Ely. SEBE. N.	4 8 4 4 4 3 1	7 3 2 1 2 1 8 q. o. os. o. q. os. o.				17.42
	18	NW.SELS.SSW SWLW.NW.SWLW.NE.	$\frac{3}{1}, \frac{1}{9}, \frac{1}{3}, \frac{3}{4}, \frac{1}{3}, \frac{9}{9}, \frac{5}{3}, \frac{1}{2}$	3 3 2 5 2 1 8 os. bc. bd. q. o. os. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12 NOVE 10 EAST	20	13.71
	19	W. SSW. W. SSW. W. Calm.	$\frac{1}{2}. \frac{5}{1}. \frac{2}{2}. \frac{1}{1}. \frac{3}{0}.$	9.4 b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			28.93
	20	E S. SW. Vble Sly. SSE.	$\frac{18}{1}, \frac{9}{2}, \frac{4}{1}.$	16 1 1 6 b. o. cb. b.	$-\frac{3}{35}, \frac{1}{34}, \frac{4}{32}, \frac{1}{30}, \frac{1}{29}, \frac{4}{28}, \frac{3}{29}, \frac{1}{28}, \frac{9}{27}, \frac{1}{28}, \frac{1}{27}, \frac{1}{26}, \frac{1}{25}.$			29.71
13	21	S. NW. E. N. W. N. C. SE.	$\frac{1}{1}, \frac{1}{2}, \frac{9}{1}, \frac{3}{0}, \frac{3}{1}, \frac{2}{2}, \frac{4}{1}, \frac{2}{0}, \frac{6}{1}.$	o. q.o.q. o. q. c. o.q.b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			21.38
	22	C. SW. W. NW. Calm.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	g, b. q. o. os. o. b.	$-\frac{2}{2}, \frac{6}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{3}{2}, \frac{4}{2}, \frac{1}{2}, \frac{1}{2}, \frac{2}{2}, \frac{1}{2}, \frac{1}{2}, \frac{2}{2}, \frac{1}{2}, \frac{1}{2}, \frac{2}{2}, \frac{2}{2}, \frac{1}{2}, \frac{1}{2}, \frac{2}{2}, \frac{1}{2}, $		SATISFIED TAKE	23.63
	23 24	NW. SW. C. SW. to NE. C. W.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	18 1 5 b. c. b.	-25. 26. 27. 28. 29. 30. 32. 33. 34. 35. 352. 4 1 3 2 7 7			30.25 35.83
	25	W. Calm. Wly.	1. 0. 1 3 8 5 2 6	b. 24	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ALEXADO COMO SOCIO		39.00
11	26	C. Wly. C. NW. Calm. C. N. NE. 10 C. N. NE. SE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 3 3 2 1 T b. q. b. g. o. os.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	13000 CH 100		27.49
	27	S. C. WNW. vble+. WNW. C. W. N.	9: 1. 2. 1. 2. 1. 9: 9: 6: 9: 1: 3: 8:	4 2 2 4 2 6 2 2	1 2 1 1 1 1 3 3 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1	DIVERSION OF THE COST	12/10/20/20/20	20.31
0	28	North. Calm. North.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24	$-\frac{2}{16}, \frac{1}{15}, \frac{1}{15}, \frac{3}{14}, \frac{1}{15}, \frac{1}{14}, \frac{1}{14}, \frac{1}{14}, \frac{1}{12}, \frac{4}{10}, \frac{3}{10}, \frac{4}{11}, \frac{3}{11}$	11	16	13.21
1	29	NNW. W. SW. SSE. C. W. NW. C.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 4 4 2 5 4 o. bc. o. e. cb. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			12.29
	30	70 5 2 5 Calm. S. N. Sly.	$\frac{1}{0}$, $\frac{1}{1}$.	1 2 2 3 8 8 cb. c. o. c. cb. b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	12	21	15.63
		151 N.489, Nbw.o. NNW.92, NWbN.78.1	59 NWW . 119 12	North Westerly	-275 Total. Highest Lawset and Many Townson turn	1	13	
	VCT		38 0 19 0 SW.41, SWbS.0, SSW.41, SbW			24 -	41 -	-11.45
11	22220		28 SE.63. SEDE.83. ESE.14. EnS	South Easterly	=142 108 do. calm. Total force of the Wind		7	1409
132			9 NE.16. NEbN.15. NNE.8. NbI	North Pactorly	- 44 720 - 30 days.			1409

HEREN COMMENT CONTINUED IN COLLEGE RECEIVED TO CHECK HATE AND ENTER THE

IF	Days of Mont		Porce of Wind.	State of Weather.	DECEMBER, 1830. Temperature in Shade.	+	-	Mean.
### ### ##############################	1 2 3 4 5 6 6 7 8 9 10 11 12 13 144 15 166 17 18 19 20 21 22 23 24	\$. \$\$E. \$\vec{W}\$. \$\$W. East. \$\vec{A}{2}\$E. \$\vec{C}\$. \$\vec{E}{2}\$E. \$\vec{S}\$. \$\vec{S}{2}\$E. \$S	0f Wind. 5 3 4 11 1 1 2 1 2 1. 4 3 3 2 2 2 2 5 1 5 7 5 4 5 5 1 5 6 7 5 4 3 4 3 6 1 1 1 1 2 4 2 1 1 2 1 2 4 1 3 3 4 2 3 2 1 2 4 2 3 1 4 3 1 1 1 4 3 7 1 1 2 1 3 4 2 3 2 1 2 1 3 4 2 3 2 1 2 1 3 4 2 3 2 1 2 1 3 4 2 3 2 1 2 1 3 4 2 3 2 1 2 1 3 4 2 3 3 2 1 4 3 1 2 1 3 4 2 3 2 1 2 1 3 6 5 2 1 8 2 1 3 0 2 1 3 0 4 2 1 3 1 2 4 1 3 0 1 1 0 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0 1 0	of Weather. 4 6 6 4 3 1 b. os. o. c. o. os. 8 2 14 os. o. os. 15 5 4 os. o. os. 15 5 4 os. o. os. 15 5 5 cb. c. b. c. b. 1 2 5 4 2 10 os. o. os. os. 16 4 1 1 2 os. o. c. g. o. c. 2 1 4 9 4 1 3 os. o. os. b. g. b. 4 14 1 1 4 g. b. g. b. c. b. g. 8 6 2 4 4 g. b. g. b. c. b. g. 1 1 3 1 4 g. ov. os. cd. o. o. bd. 14 2 6 2 b. o. b. b. o. 24 bd. os. od. bdd. bd. 3 1 2 2 5 7 4 bb. c. b. b. 3 1 2 2 5 7 4 bb. c. o. os. q 2 1 3 5 4 q. ov. os. od. od. od. dd. 2 4 4 6 2 4 osq. +.os. od. od. od. 1 2 1 1 1 1 1 2 2 od. od. od. od. 2 1 3 5 4 q. ov. os. od. od. od. 2 1 3 5 4 q. od. od. od. od. 2 1 3 5 4 q. od. od. od. od. 2 1 3 5 4 q. od. od. od. od. 2 1 1 1 1 1 1 2 2 os. od. od. od. od. 2 1 1 1 1 1 1 2 2 os. od. od. od. od. 2 1 1 1 1 1 1 2 2 os. od. od. od. od. 2 1 1 1 1 1 1 2 2 os. od. od. od. od. 2 1 1 1 1 1 1 2 2 os. od. od. od. od. 2 1 1 1 1 1 1 2 2 os. od. od. od. od. 2 1 1 1 1 1 1 2 2 os. od. od. od. od. 2 1 1 1 1 1 1 2 2 os. od. od. od. od. 2 1 1 1 1 1 1 2 2 os. od. od. od. od. 3 1 2 2 5 7 4 od. od. od. od. od. 3 1 2 2 5 7 4 od. od. od. od. od. 3 1 2 2 5 7 4 od. od. od. od. od. 3 1 2 2 5 7 4 od. od. od. od. od. 5 1 2 1 1 1 1 1 2 2 os. od. od. od. od. 5 1 2 1 1 1 1 1 2 2 os. od. od. od. od. 5 1 2 1 1 1 1 2 2 os. od. od. od. od. 5 1 2 1 1 1 1 2 2 os. od. od. od. od. 5 1 2 1 1 1 1 2 2 os. od. od. od. od. 5 1 2 1 1 1 1 2 2 os. od. od. od. od. 5 1 2 1 1 1 1 2 2 os. od. od. od. od. 5 1 2 1 1 1 1 2 2 os. od. od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. 5 1 2 1 1 1 1 2 2 od. od. od. 5 1 2 1 2 2 5 7 od. od. od. 5 1 2 1 2 2 5 7 od. od. od. 5 1 2 1 2 2 5 7 od. od. 5 1 2 1 2 2 5 7 od. od. od. 5 1 2 1 2 2 5 7 od. od. od. 5 1 2 2 4 5 0 2 od. 5 1 2 2 5 7 od. 5 1 2 2 4 5 0 2 od. 5 1 2 2 5 7 od. 5 1 2 2 5 7 od. 5 1 2 2	Temperature in Shade. -\frac{3}{2}\(0, \frac{2}{2}\) \frac{1}{2}\(\frac{1}{2}\) \f	13° +2 6 -2 6½ 5 7 11 11 9 19 23 26 30 18 20 14 16 25 24 23 21 11 12	13 1 19 19 9 12 18 19 ¹ / ₂ 19 23 25 ¹ / ₂ 32 33 30 37 19 25 27 ¹ / ₂ 28 28 ¹ / ₂ 21 19 ¹ / ₂	17°.96 5.98 +3.48 -10.92 11.62 6.38 9.35 15.17 15.65 16.27 20.21 23.96 29.13 32.29 24.41 31.42 16.67 19.48 26.50 25.96 25.96 25.48 26.19 16.06 17.98
8	25 26 27 28 29 30 31	W. WNW. SSW. SW. S. SE. SSE. P. ESE. SES. SSE. SIV. C. SE. ESE. SE. E. E. SE. ESE. NR. W.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12 14 1 4 4 4 1 4 1 4 1 4 1 4 1 4 1 4 1	$\begin{array}{c} -\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{15}, \frac{1}{15}, \frac{1}{16}, \frac{1}{17}, \frac{1}{17}, \frac{1}{17}, \frac{1}{18}, \frac{1}{18}, \frac{2}{18}, \frac{1}{19}, \frac{1}{2}0, \frac{1}{2}1, \frac{1}{2} \\ -\frac{1}{2}, \frac{2}{2}, \frac{5}{2}, \frac{6}{2}, \frac{6}{4}, \frac{6}{2}, \frac{1}{2}, \frac{1}{4}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2} \\ -\frac{2}{2}, \frac{2}{2}, \frac{5}{2}, \frac{6}{2}, \frac{4}{2}, \frac{4}{2}, \frac{1}{2}, \frac{1}{2$	15 22 20 8½ 11	21 27½ 28 19 30 41	17.17 24.67 24.00 13.38 23.00
	ABSTRACT.	\$29. \$\begin{array}{cccccccccccccccccccccccccccccccccccc	bN.68. NW.87. NWbW.0. WNW.29. Wbb. bW.0. SW.61. SWbS.0. SSW.50. Sbw. bS.9. SE.150. SEbE.0. ESE.29. EbS bE.0. NE.0. NEbN.0. NNE.12. Nbb	South Westerly =	Total, 621 hours. 4 do. wind vble. 119 do. calm. Total force of the Wind	+6	-47	-20.24 1811

П	Days of Month.	Direction of Wind.	Force of Wind.	State of Weather.	JANUARY, 1831. Temperature in Shade.	+	-	Mean.
⊕	1 2.	13 4 3 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	16 4 4 b. c. b. 24 b.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	46	55	46°.25 48.00
	3 4 5	Calm. Voic Wly. Calm. 5 3 2 6 4 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b. 24 b. 24	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	47± 49 49	561	49.30 53.30 55.04
	6 7	SW. C. S. SW. Calm. 3 1 2 7 3 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{array}{c} 1. \ \overline{0}. \ 1. \ 2. \ 1 \\ \underline{3} \ \underline{1}. \ \underline{0}. \ \underline{0}. \ \underline{3}. \ \underline{2}. \ \underline{2}. \ \underline{2}. \ \underline{4} \\ \underline{1}. \ \overline{0}. \ \underline{1}. \ \underline{0}. \ \underline{1}. \ \underline{5}. \ \underline{3}. \end{array}$	2 1 1 2 6 5 7 b. c. q. os. o. c. b.	-D.T. $\frac{2}{3}$ $\frac{2}{3}$ $\frac{1}{3}$ $\frac{1}{2}$ $\frac{1}{3}$	36 44	49½ 46	42.08 45.13
0	8 9	C. Sly. C. WNW. SbE. Calm. 6 6 NW. N. NE. C. SE. 5 1 6 2 2 8	$\begin{array}{c} \frac{4}{0}, \frac{4}{1}, \frac{3}{0}, \frac{4}{1}, \frac{9}{0}, \\ \frac{6}{1}, \frac{6}{0}, \frac{8}{1}, \frac{3}{0}, \frac{1}{1}, \\ 14 & 1 & 1 & 2 & 2 & 1 & 3 \end{array}$	24 b. 24 b. 8 1 12 3 b. h. g. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	45 38 24	49	45.00 44.63 36.04
	10 11 12	south. whw. sw. N. W. s. sw. w. w	$\begin{array}{c} \overline{1} \cdot \overline{3}, \overline{4}, \overline{1}, \overline{3}, \overline{2}, \overline{1}, \\ \underline{3} \underline{1} \underline{2} \underline{1} \underline{1} \underline{1} \underline{1} \underline{4} \underline{1} \underline{3} \underline{1} \underline{4} \underline{5} \\ \overline{1}, \overline{2}, \overline{3}, \overline{2}, \overline{1}, \overline{5}, \overline{2}, \overline{3}, \overline{2}, \overline{3}, \overline{2}, \overline{3}, \overline{2}, \overline{1}, \\ \underline{13} \underline{2} \underline{1}, \underline{4} \underline{2} \underline{1}, \underline{1} \underline{1} \\ \underline{1}, \underline{2}, \overline{1}, \underline{4}, \underline{2}, \overline{3}, \underline{1}, \underline{1}, \end{array}$	3 1 2 2 9 7 g. b. g. o. g. o. 4 3 1 6 2 8 os. o. os. c. g. o.	$\begin{array}{c} -45.43\frac{1}{2}.43.42.45.43\frac{1}{2}.43.42.38.23.26.24.25\frac{1}{2}.26.28.30.30\frac{1}{2}.\\ -\frac{1}{2}9.28.27.26.25.24\frac{1}{2}5.25.26.27.26.25.242.25.21.20.19\frac{1}{2}.19.\\ -\frac{1}{18}\frac{1}{18}.17\frac{1}{18}.17\frac{1}{16}.17$	19 14	29 18½	24.08 15.46
	13 14 15	1 C.NW.N.W.C.NW.SW.NE.C.WSW. SW. S. SSE. SW. SbE.	$\begin{array}{c} \frac{1}{6} & \frac{1}{1} & \frac{1}{2} & \frac{1}{3} & \frac{1}{1} & \frac{1}{3} & \frac{1}{6} & \frac{1}{1} & \frac{1}{3} & \frac{3}{1} & \frac{1}{2} & \frac{1}{2} \\ 0 & 1 & 2 & 3 & 1 & 2 & 3 & 1 & 0 & 2 & 1 & 2 & 1 & 0 & 1 & 3 \\ 1 & 1 & 5 & 2 & 1 & 2 & 2 & 1 & 1 & 1 & 1 & 1 & 2 & 1 & 1$	7 14 3 0. b. q. 5 6 1 5 6 q. 0. 0s. 0sq. 0. 3 1 3 2 6 2	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{vmatrix} 14\frac{1}{2} \\ 9 \\ 4 \end{vmatrix}$	24 23 9	20.42 15.29 7.37
0	16	12 SE. SBE. NIV. NW. N. NNW. NW. W. SW. S. SE. Wbn. NW. NWbn.	$\begin{array}{c} 2. \ \overline{1}. \ \overline{2}. \ \overline{1}. \\ \underline{5}. \ \underline{5}. \ \underline{6}. \ \underline{6}. \ \underline{2}. \ \underline{2}. \ \underline{3}. \ \underline{6}. \ \underline{6}. \\ \underline{1}. \ \underline{2}. \ \underline{1}. \ \underline{4}. \ \underline{1}. \ \underline{1}. \ \underline{2}. \ \underline{1}. \ \underline{6}. \ \underline{6}. \\ \underline{1}. \ \underline{3}. \ \underline{7}. \ \underline{1}. \ \underline{3}. \ \underline{4}. \ \underline{5}. \ \underline{6}. \ \underline{7}. \ \underline{5}. \ \underline{6}. \\ \underline{7}. \ \underline{5}. \ \underline{6}. \ \underline{7}. \end{array}$	0. g. c. g. o. os. 12 1 7 4 0s. 0. os. o. 8 2 4 1 1 4 4 q. o. os. osq. os. o. os.	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$+2\frac{1}{3}$ $-3\frac{1}{2}$	$\begin{array}{c} 3\frac{1}{2} \\ 19 \end{array}$	1.15 9.31
	18 19 -20	NWEN. NOW. NW.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 7 3 2 1 2 os. osd. osq. os.od.qd. 4 4 8 1 7 q. b. qd. q. b. 5 2 1 8 1 2 1 4 b. bd. b. q. o. o. q. o.	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{c c} 9^{\frac{1}{2}} \\ 17 \\ 21 \end{array} $	22	13.52 19.42 23.75
	21 22	NW. NNW. North. WNW. NW. N. NNW. NW. WNW. NW. N.	$\begin{array}{c} 4,\ 3,\ 2,\ 4,\ 6,\ 5,\ 6,\ 5,\ 4,\ 3,\ 2,\\ \frac{1}{4},\ \frac{3}{5},\ \frac{1}{4},\ \frac{1}{3},\ \frac{2}{2},\ \frac{4}{3},\ \frac{1}{5},\ \frac{3}{6},\ \frac{2}{2},\ \frac{6}{1},\\ \frac{1}{2},\ \frac{1}{1},\ \frac{3}{3},\ \frac{4}{6},\ \frac{2}{5},\\ \end{array}$	b. bd. b. q, o. o. q, o. 4 13 7 o. os. o. 3 2 3 10 1 1 2 1 1 o. os. o. g, o.bc.os. o.q.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	12 7	20 12	15.08 9.75
0	23 24 25	8 4 8 4 N.	$\begin{array}{c} \frac{1}{4}, \frac{1}{2}, \frac{1}{3}, \frac{2}{5}, \frac{3}{6}, \frac{3}{7}, \frac{1}{6}, \frac{1}{5}, \frac{2}{7}, \frac{1}{8}, \frac{3}{7}, \frac{5}{6}, \frac{5}{5}, \\ \frac{2}{3}, \frac{3}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{4}, \frac{1}{1}, \frac{2}{1}, \frac{1}{4}, \\ \frac{1}{3}, \frac{3}{4}, \frac{2}{3}, \frac{1}{7}, \frac{5}{6}, \frac{4}{5}, \frac{5}{3}, \frac{3}{2}, \frac{2}{4}, \frac{4}{3}, \end{array}$	111 1 4 1114 q b,qq.osq.osd.qsd.qd.b, 14 1 4 1 3 1 b. q. o.g. b. q. 2 5 2 5 3 2 2 3	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	8 8		11.58 12.52 10.20
	26 27	N. W. SW. N. SbW. C. 2 4 6 2 2 4 4 8. C. Ebs. S. W. N. S. NWbW. NW. W. SW. W. SSE. SW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	q. o, q. c, b, q, b, g. \$\frac{1}{2} 2 \frac{1}{2} 6 \frac{2}{2} 1 \frac{2}{2} 1 c, b, c, b, c, g, o, c, b, \$\frac{3}{2} 1 2 1 2 b, o, q, o, c, b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	9	17 20±	14.14 17.00
4	28 29 30	9	$ \frac{1}{3}, \frac{1}{2}, \frac{2}{1}, \frac{1}{3}, \frac{1}{2}, \frac{6}{1}, \frac{8}{0}, \frac{1}{1}, \frac{2}{2}, \frac{1}{3}, \frac{1}{3}, \frac{7}{4}, \frac{1}{3}, \frac{9}{1}, \frac{1}{2}, \frac{1}{1}, \frac{2}{0}, \frac{1}{2}, \frac{1}{3}, 8 2 3 2 8 1 $	4884 b.c. b. c. 8462 o.q. c. b. c. 2022	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		24	24.02 21.92 20.23
	31	NNW. Č. WİY. NNE. SE. C. W. NW. N. NNW.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	c. g. c. 7 5 12 b. o. od. orth Westerly=329	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2		11.90
	BSTRACT.	70 15 6 0 01	W.399.NWbW.4. WNW.34.WbN.17. 5 0 12 Sc W.163. SWbS.0. SSW.0. SbW.14.	outh Westerly=133 61	Total. 5 hours. 2 do. wind variable. 7 do. calm. The local Control of the Contro	$+2\frac{1}{2}$	-59 ¹ / ₂	16.4
	AB	6.6. EbN.e. ENE.e. NEbE.e. NE		orth Easterly — 22 74	Total force of the Wind	1.15		1657

I	別題	Days of lonth.	Direction of Wind.	Force of Wind.	State of Weather.	FEBRUARY, 1831. Temperature in Shade.	+	-	Mean.
		1 2	NNW. N. NNE. N. NNW. NW. N. ENE. NNW. NW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 6 4 1 2 3 1 3 os. osd. od. osd. osd. os. osd. od. osd. os	$-\frac{4}{3}^{\circ}, \frac{1}{2}^{\circ}, \frac{1}{1}^{\circ}, \frac{1}{0}^{\circ}, +\frac{1}{6}^{\circ}, \frac{1}{2}^{\circ}, \frac{1}{3}^{\circ}, \frac{3}{4}^{\circ}, \frac{3}{4}^{\circ}, \frac{1}{3}^{\circ}, \frac{2}{4}^{\circ}, \frac{1}{5}^{\circ}, \frac{7}{6}^{\circ}, \\ +\frac{1}{6}^{\circ}, \frac{1}{7}, \frac{1}{7^{\circ}}, \frac{1}{8}, \frac{1}{9}, \frac{1}{9^{\circ}}, \frac{1}{8^{\circ}}, \frac{1}{7^{\circ}}, \frac{1}{8}, \frac{1}{6}, \frac{2}{4}, \frac{1}{3}, \frac{3}{6}, \frac{1}{5}, \frac{2}{6}, \\ +\frac{1}{6}^{\circ}, \frac{1}{7}, \frac{1}{7^{\circ}}, \frac{1}{8}, \frac{1}{9}, \frac{1}{9^{\circ}}, \frac{1}{8^{\circ}}, \frac{1}{7^{\circ}}, \frac{1}{8}, \frac{1}{6}, \frac{2}{4}, \frac{1}{3}, \frac{3}{6}, \frac{1}{5}, \frac{2}{6}, \\ +\frac{1}{6}^{\circ}, \frac{1}{7^{\circ}}, \frac{1}{8}, \frac{1}{9}, \frac{1}{9^{\circ}}, \frac{1}{8^{\circ}}, \frac{1}{9^{\circ}}, \frac{1}{8^{\circ}}, \frac{1}{7^{\circ}}, \frac{1}{8}, \frac{1}{6}, \frac{2}{4}, \frac{1}{3}, \frac{3}{6}, \frac{1}{5}, \frac{2}{6}, \\ +\frac{1}{6}^{\circ}, \frac{1}{8}, \frac{1}{9}, \frac{1}{9^{\circ}}, \frac{1}{8^{\circ}}, \frac{1}{9^{\circ}}, \frac{1}{8^{\circ}}, \frac{1}{9^{\circ}}, \frac{1}{8^{\circ}}, \frac{1}{1}, \frac$	6° 91/2		2 [†] .60 6.94
1	1	3	N. NNW. NW. WNW. SW. S. ($ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1 9 2 4 3 1 4 osd. od. os. c. o. os. o	$+\frac{1}{6}$, $\frac{1}{5}$, $\frac{1}{3}$, $\frac{1}{1}$, $\frac{1}{4}$, $\frac{1}{6}$, $\frac{1}{6}$, $\frac{2}{5}$, $\frac{2}{6}$.	6	-1/2	3.67
9	B	4 5 6	16 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 3 3 1 1 8 1 3 os. o. os. o. os. g. b. 1 1 7 3 5 5 1 1 c. q. b. q. b. 2 1 1 4 4 1 7 b. c. b. o. g. o. q. b.	$\begin{array}{c} -\frac{1}{1}, \ \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}, \frac{1}{5}, \frac{9}{6}, \frac{1}{6}, \frac{1}{7}, \frac{1}{9}, \frac{1}{9}, \frac{1}{11}, \frac{1}{12}, \frac{2}{13}, \frac{1}{14}, \frac{1}{15}, \frac{1}{16}, \frac{1}{17}, \\ -\frac{9}{13}, \frac{2}{16}, \frac{1}{5}, \frac{1}{3}, \frac{1}{12}, \frac{1}{2}, \frac{1}{12}, \frac{2}{13}, \frac{2}{13}, \frac{1}{14}, \frac{1}{15}, \frac{1}{16}, \frac{1}{17}, \\ -\frac{9}{13}, \frac{2}{16}, \frac{1}{5}, \frac{1}{13}, \frac{1}{12}, \frac{1}{12}, \frac{1}{12}, \frac{1}{12}, \frac{1}{13}, \frac{1}{11}, \frac{1}, \frac{1}{11}, \frac{1}{11}, \frac{1}{11}, \frac{1}{11}, \frac{1}{11}, \frac{1}{11}, \frac$	21	32	-8.73 18.10 24.38
		7 8 9	WNW. W. NW. A. S. E. \$. C. SE. Vble+. C. W. SW. S. SSW. SW. W. NW.	$\begin{array}{c} \frac{8}{2}, \frac{6}{1}, \frac{6}{2}, \frac{3}{0}, \frac{1}{2}, \\ \frac{4}{1}, \frac{4}{0}, \frac{2}{1}, \frac{2}{2}, \frac{8}{1}, \frac{1}{0}, \frac{2}{2}, \frac{3}{3}, \\ \frac{1}{5}, \frac{1}{2}, \frac{1}{4}, \frac{1}{5}, \frac{1}{6}, \frac{1}{5}, \frac{1}{6}, \frac{1}{5}, \frac{1}{5}, \frac{1}{2}, \frac$	4 10 1 1 2 0 0. b. q. o. c. b. 24 b. 1 1 1 2 1 6 12 oq. o. oq. g. qd. o. b. 18 3 3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	26	37 37	31.42 34.21 30.56 40.48
	250 550	10 11 12	NW. SE. C. S. SW. 3 5 8 North. 10 8 NW. C. NW. SW. NW. NW. S. WSW. C. NW. SW. NW. 5 3 4 1 1 3 3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	18 3 3 5. 5 13 1 1 4 5. 5 g. b. ob. b.	$-\frac{1}{404}, \frac{2}{41}, \frac{6}{42}, \frac{2}{41}, \frac{1}{404}, \frac{1}{39}, \frac{1}{394}, \frac{1}{40}, \frac{1}{414}, \frac{1}{42}, \frac{1}{43}, \frac{6}{434},$	35 39	42 43 ¹ / ₂	39.13 41.38
8		13 14 15	W. WSW. NbW. NNW. N to S. (NW. C. S. C. SW. C. NW. W. NW. C. S. SSW. NNW. C. W. N. Sly. SW. C.	$ \begin{vmatrix} \frac{2}{3} & \frac{1}{1} & \frac{4}{3} & \frac{3}{2} & \frac{2}{1} & \frac{1}{1} & \frac{1}{1} & \frac{1}{2} & \frac{2}{1} & \frac{1}{1} \\ \frac{1}{2} & \frac{1}{1} & \frac{2}{2} & \frac{1}{1} & \frac{1}{2} & \frac{1}{3} & \frac{1}{1} & \frac{1}{2} & \frac{2}{1} & \frac{1}{1} \\ \frac{4}{2} & \frac{2}{3} & \frac{4}{2} & \frac{1}{1} & \frac{1}{0} & \frac{8}{1} & \frac{4}{2} \\ \frac{4}{1} & \frac{9}{0} & \frac{2}{2} & \frac{4}{1} & \frac{1}{2} & \frac{1}{1} & \frac{3}{2} & \frac{2}{1} & \frac{5}{0} \\ \frac{4}{1} & \frac{9}{0} & \frac{2}{2} & \frac{4}{1} & \frac{1}{2} & \frac{1}{1} & \frac{3}{2} & \frac{2}{1} & \frac{5}{0} \\ \end{vmatrix} $	16 & 1 5 b. g. c. b. 24 b. 5 7 12 b. o. b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	39½ 40	47 47	42.73 42.83 44.19
9	I B	18 19 20 21	C. SE. ESE. S. SW. C. C. NNW SW. S. WbS. C. NW W. NW. C. NW. West. NW. S. NE. W. N. NW. SW. C. SE. C. SW. NW. SW. S. W. SW. SW. SW. S. SW. SW. SW. SW. SW. S. SW. S. Calm vble+	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24 b. 24 b. 24 b. 24 b. 24 b. 24 b. 24 c. q. sd. d. q. s. q. o. os. 7 5 1 1 10 o. os. o. q. b. 8 2 1 12 o. os. o. os. o. o. os.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$45\frac{1}{2}$ $44\frac{1}{2}$ $42\frac{1}{2}$ 47 $42\frac{1}{2}$ 33	48 ¹ / ₂ 48 47 49 48 45	46.63 47.40 46.73 45.70 47.98 45.35 41.21 29.88
	A COLUMN TO SERVICE STATE OF THE PERSON SERVICE STATE STATE OF THE PERSON SERVICE STATE STATE STATE SERVICE STATE STATE STATE SERVICE STATE ST		1 1 1 1 2 1 1 2 1 1 5 W. S. SE. S. W. NE. SW. W. W. W. NW. NW. NW. NW. NW. NW. NW.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 1 1 3 9 2 6 os. o. q. qd. b. bc. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1300	$28\frac{1}{2}$	21.15 32.29
4		26 27 28	\$\$\forall \text{NW.} \\ \forall \text{SE.} \text{S.} \text{VSW.} \\ \forall \text{Calm.} \text{S.} \text{Calm.} \\ \forall \text{S.} \text{VSW.} \\ \forall \text{Vble.} \text{S.} \text{Vble.} \text{S.} \text{WSW.} \\ \forall \text{S.} \text{S.} \text{Vble.} \text{S.} \text{W.} \text{Vble.} \text{S.} \text{WSW.} \\ \forall \text{S.} \text{S.} \text{Vble.} \text{S.} \text{W.} \text{Vble.} \text{S.} \text{WSW.} \\ \forall \text{S.} \text{S.} \text{S.} \text{Vble.} \text{S.} \text{W.} \text{Vble.} \text{S.} \text{S.} \text{S.} \text{S.} \text{Vble.} \text{S.} S.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	8 2 1 1 4 1 2 5 b. q. os. q. o. q. qb. b 24 b. 8 8 8 b. q. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	40	46	40.71 43.65 43.58
		ABSTRACT.	W.62. WbS.4. WSW.63. SWI 112 0 5 8.244. SbE.0. SSE,15. SER	bN,0. NW.205. NWbW.0. WNW.18. 10.1 0 0 3.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South Westerly = St.W.10. South Easterly = ELS.0.	Total. 578 hours. 12 do. wind variable. 82 do. calm. Total force of the Wind	$9_{\frac{1}{2}}$	8.	-32.46 1333

	Days of Month.	Direction of Wind.	Force of Wind.	State of Weather,	MARCH, 1831. Temperature in Shade.	+	-	Mean.
	1 2	c.s.nw.n.w.nw.nw.nw.s.c. nw.c.ebs.se.sw.c.vble+.nw.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24 b. 4 20 cb. b.	3 1 1 1 2 1 2 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 2 1	34	43	38°.75 40.75
	3 4 5	w. sw. s. se. s. s. w. nw. 4. sw. s. wiy. nw. calm.	$\begin{array}{c} \frac{2\ 1\ 1\ 1\ 1\ 1\ 1\ 1\ 1\ 1\ 2\ 1\ 1\ 4\ 1\ 2\ 1}{2\ 3\ 7\ 5\ 4\ 3\ 2\ 5\ 4\ 1\ 2\ 3\ 5\ 4\ 5\ 1\ 2\ 1}\\ &\frac{4}{0.\ 1\ .\ 0}.\\ 3\ 2\ 3\ 1\ 1\ 1\ 3\ 1\ 1\ 1\ 1\ 1\ 2\ 2\end{array}$	b.c.od.o.qd.q.c.od.b.q.o. 24 b. 1 5 1 7 1 1 1 7 qs. os. q. b. bd. qd. q. b.	1111111111111111111111111111	33	44	34.73 39.83 38.98
• ⊕	6 7	\$\widetilde{\pi} \widetilde{\pi} \p	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	qs. os. q. b. bd. qd. q. b. 4 4 16 b. g. b. 24 b.	$\begin{array}{c} -4 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & $	29± 28	43 3 42 3	36.67 35.98
	8 9	6. N. NW. SW. S. VLE+ C. S. WSW. C. C. S. Vbie+ SW. N. Siy. C SW. SSW.		24 b. 45 15 b. q. b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	29	44	39.85 37.54 38.38
	10 11 12	ESE. Č. Sly. NW. Č. SW. Č. Č. SŠE.Č. NW. WŠW. Š. SW. WKW. Č. Wły. Vble+. Č. Wły. Č.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24 b. 24 b. 5316 b. q. b.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	22a 23	41 37 ₄	32.5 32.00
# #	13 14	c. NE. c. Varbie Siy. w. c. wly. c. s. sw. ely. sw. c. s. n. nw. c.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	24 b. 6 3 15 b. g. b.	$\begin{bmatrix} \frac{3}{3} & \frac{2}{1} & \frac{2}{1} & \frac{1}{1} & $	22	37	31.46 29.10 29.65
	15 16	\$.vbi.sse.whw.siy.sw.wsw.ssw. \	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 3 5 1 1 6 4 b. bc. b. q. qds. osd. bd. 1 7 4 12 os. bd. ods. b.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	23	36	29.38
	17 18	Vble+ ESE S.E.S.SE NW. Calm. S. SW. W. WSW NWBW. NW.)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 4 8 4 4 b. q. b. q. b. 4 6 14 b. q. b.	-3 62.3 7.3 8.3 74.3 7.3 5.3 04.2 9.2 8.2 84.2 9.3 2.3 34.3 5.4 6.3 64.3 74.3 8.			34.73 37.13
D 🕀	19 20	(www. w c.) c. sw. vole+. c. w ww. w. ww. sw. w. www. w. calm.		7 3 7 2 5 b. q. b. c. b. 4 1 6 b. q. b.	1 1 1 1 8 1 1 1 1 1 1 1 8 1 1 1 1 1 1 2	36	48	40.06 42.85
	21 22 23	c. 8. 55W. wsw. caim. c. www. c. 5Ebs. w. 8. c.	$\begin{array}{c} \frac{8}{0}, \frac{1.4}{1}, \frac{2}{0}, \\ \frac{8}{0}, \frac{4}{1}, \frac{2}{0}, \frac{2}{2}, \frac{4}{1}, \frac{4}{0}. \end{array}$	24 b. 24 b.	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	34	49	44.27 41.67 42.18
	24	\$\frac{1}{8}\$. \$\frac{1}{6}\$. \$\frac{1}{8}\$. \$\frac	$\begin{bmatrix} \frac{2}{1}, \frac{1}{0}, \frac{1}{1}, \frac{4}{0}, \frac{12}{2}, \frac{1}{1}, \frac{1}{0}, \frac{2}{1}, \\ \frac{13}{1}, \frac{7}{2}, \frac{1}{1}, \frac{2}{2}, \frac{1}{3}, \\ \frac{1}{3}, \frac{1}{2}, \frac{1}{1}, \frac{1}{2}, \frac{1}{3}, \frac{3}{3}, \frac{1}{3}, \frac{1}{3}, \end{bmatrix}$	5. 3 2 2 2 1 1 4 c. cs. c. b. bc, c. b. g. b. 20 1 3 b. q. c.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	26 28 ₄	14 ₄ 45	38.63 36.81
⊙⊕	26 27 28	1 S.S.W. W. + Vble. SE. W. C.S.W. S. Calm. C.NW. NE. N. E. NE. NE. E. Ebn. NE. N. 2 6 4 3 1 4 3 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5 3 1 3 8 1 3 c. b. q. o. os. b. c. 3 1 8 4 8 b. bc. os. g. bc.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	91	37.	28,33 28,17 32,29
	E0020000000000000000000000000000000000	NNW.NW.NWEN.3.W.\$W.\$14.5W. \$W.\$.5W.5\$W.\$.58E.\$W. W\$W. \$5W.W.E.SW.\$.ENENE.N.NW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 2 11 3 b. bd. b. c. 8 4 8 4 o. bd. b. bc. 5 1 8 3 7 bc. c. os. o. os.		120.	36	28.80
	. 61	NW. N. W. WSW. SW. S. F. Calm.	$\frac{5}{3}$, $\frac{6}{9}$, $\frac{7}{1}$, $\frac{9}{2}$, $\frac{4}{0}$.	14 1 3 2 2 4 4 1 1 2 los. o. c. o. c. cs. os. o. q.b.				
	RAC	N.41. NbW.6. NNW.79. NWbN.13. W.83. WbS.27. WSW.96. SWbW.6. 1 113. SbE0. SSE.20. SE68.2.	81 SW.160. SWbS.0. SSW.44. SbW.30	South Westerly =193 South Easterly =147	Total. 330 hours. 32 do. wind variable. 173 do. calm. Total force of the Wind	$8\frac{1}{2}$		34.74 1067
	٦ []	E14. EDN.S. ENR.16. NEBE.O.		North Easterly _ 41	10tal force of the Wind			100

T	Days of Month	Direction of Wind.	Force of Wind.	State of Weather.	APRIL, 1831. Temperature in Shade.	+	2	Mean.
	1	Whs. wsw. NNE, 53w. 51y.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 4 4 4 4 1 1 2 b. bc. b. hc. b. og. b. bc.	$-\frac{1}{2}\frac{1}{1}\frac{2}{2}\frac{3}{3}\frac{2}{2}\frac{4}{4}\frac{2}{2}\frac{5}{2}\frac{1}{4}\frac{1}{2$	7°	MARKET STATES	15°.19 4.5
0	3	55W. SE \$ 55E. SI, VII. 4 5W. W. N.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	c. o. c. o. 4 4 11 1 1 3 o of. o. q. o. bc. 4 1 1 1 1 4 4 3 2 3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	19	7 ^a 12	3,90 6,77
C	5 6	NNW. N. NNE. N. NW. NNW. NNW. N. WIY. NW. E. NW. N. NW. NNW. NIY. N. NW. N. NW. NNW. NIY. N. NW.	$\begin{array}{c} 4. \ 6. \ 7. \ 8. \ 4. \ 7. \ 9. \ 6. \ 7. \ 8. \\ \hline 1. \ 2. \ 1. \ 1. \ 3. \ 2. \ 3. \ 1. \ 3. \ 1. \\ \hline 7. \ 8. \ 2. \ 4. \ 3. \ 3. \ 5. \ 6. \ 3. \ 1. \ 2. \ 0. \ 1. \\ \hline 3. \ 2. \ 3. \ 1. \ 1. \ 2. \ 1. \ 1. \ 1. \ 1. \ 1$	q.o.od.q.c.cd.b. bd.od. bd. 4 20 bd. b. 12 4 6 2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-2 5 6	17 204	11.71 13.42
	7 8	8. NW. NNW. NIV. N. NW. NNW. Calm. NNW. NW. NW. W. NW. W. C. NW. C.	1 2 1 2 4 6 4 5 6 5 6 8 9 8 8 4 3 4 1 1 1 1 2 1 1 2 1 1 8 1 1 8 1 1 1 2 1 1 1 1	12 4 6 2 b, qd, bd, qd, 8 11 1 2 2 cd, bd, b, bd, c, 1 2 2 3 10 1 5 b, c, os, qf, b, c, q.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6, 2	17 21	11.48 12.08
0	9	NW. SWIY. SIY. A. NNW. N.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b. c. os. qf. b. c. q. 12 4 2 6 b. q. qd. q. 8 5 2 1 3 5 b. q. b. c. q. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 11	23	16.08 16.96
	11 12	NNW. V61e+. SSW. S. SW. SW. S. SSE. WSW. N. SW. NIV. C.	4. 5. 4. 5. 4. 2. 5. 3. 4. 5. $\frac{3}{6}$, $\frac{1}{5}$, $\frac{1}{3}$, $\frac{1}{1}$, $\frac{1}{1}$, $\frac{1}{2}$, $\frac{1}{4}$, \frac	b. q. b. c. q. b. 24 b. 20 \$ 1 1 b. c. q. os.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 5 ₁	24	11.81 16.35
	13 14	NNE. NE. 10 NE. NNE. N. NNE. NNE. North.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	24 0s. 4 1 3 4 2 1 1 1 1 6 od.os.g.qd.od.o.od.o.or.c.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5± 0±	11	10.60 5.91
	15 16	NNW. NW. N. NNW. NWAN, N. NNW. E. NNW.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 2 1 4 12 1 3 0. 4. 0s. osd. os. o. g. 1 3 3 4 1 12 cb. cd. os. od. oc. d.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	+4	8 14:	3.61 5.77
0	17	NW. c. vole+, Nly, c. NW, S. c. SW, W. SW, S. S6E, S. W. SW, c.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	21 3 b. c. 2 6 2 4 10 c. o. q. c. o.	$ \begin{vmatrix} \frac{1}{-1}, \frac{1}{5}, \frac{1}{16}, \frac{1}{17}, \frac{1}{19}, \frac{1}{17}, \frac{1}{14}, \frac{1}{12}, \frac{1}{8}, \frac{1}{5}, \frac{1}{2}, \frac{1}{6}, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{6}, \frac{1}{6}, \frac{1}{14}, \frac{1}{13}, \frac{1}{14}, \frac{1}{14}, \frac{1}{14}, \frac{1}{14}, \frac{1}{14}, \frac{1}{15}, \frac{1}{14}, \frac{1}{14}, \frac{1}{14}, \frac{1}{14}, \frac{1}{14}, \frac{1}{14}, \frac{1}{15}, \frac{1}{14}, \frac$	4 -2	19 15 5 ₁	8.04 6.48 +3.92
	19 20	S. C. S. SW. S. SSE, SE.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 3 2 1 2 12 0. 0s. ofs. 0. b. os. 16 1 3 4 os. 0. g. fs.	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	+10 +17± 30	+10	11.83 19.08
	21 22	č. sw. nw. s.sebs. č.eše.nne.nw. č. ndw. wnw. ssw. nne. nnw.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 4 1 3 3 3 2 q. of. o.oc. os. b. sb.f.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	21:	(5)(j)	13.5
A.	23 24	NÑE. NÑW. Ĉ.)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8 16 0 b	$ \begin{vmatrix} \frac{1}{4} & \frac{1}{4} & \frac{1}{6} & \frac{1}{4} & \frac{1}{3} & \frac{1}{4} & \frac{1}{6} & \frac{1}{9} & \frac{1}{11} & \frac{1}{13} & \frac{1}{11} & \frac{1}{9} & \frac{1}{5} & \frac{2}{9} & \frac{1}{9} & \frac{1}{11} & \frac{1}{12} & \frac{1}{12$	13	-13 15	.40 -7.04
	25 26	NNW. NWBN NNW. NWBN. NW. NWBN. NW. NWIN. C. WNW. WSW. C. WNW. S. NW. N. ENE.	$\begin{array}{c} 2. \ \ \overline{3}. \ \ \overline{4}. \ \overline{5}. \ \ \overline{3}. \ \ \overline{4}. \ \overline{5}. \ \overline{4}. \\ 1 \ \ 1 \ \ \underline{2} \ \ \underline{0} \ \ \underline{3} \ \ \underline{1} \ \ \underline{5} \ \ \underline{2} \ \ \underline{1}. \ \ \underline{0}. \ \underline{1}. \\ 4 \ \ \underline{4} \ \ \underline{5}. \ \ \underline{4}. \ \ \underline{1}. \ \ \underline{0}. \ \ \underline{1}. \\ \underline{4} \ \ \underline{4} \ \ \underline{1} \ \ \underline{0} \ \ \underline{4} \ \ \underline{2}. \end{array}$	24 b. 18 6	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6 94	13 17	3.77 2.54
(2)	27 28	NEWN NNE. N. NNW. NW. NNW. NNW. NNW. NNW	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b. o. 4 16 4 o. od. o. 2 2 1 4 15 o. b. c. od. bd.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9 5	+0 -17	5.35 2.46
	29 30	whw. c. waw. nw. s. ne. sw. c. w. wsw. s. ssw.	$\begin{array}{c} 1 & 1 & 1 & 3 & 1 & 3 & 1 & 1 & 5 & 1 & 5 \\ \hline 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline \end{array}$	0. b. c, od, bd. 1 1 2 3 1 12 4 bd.b. bd. bc. os bc. b. 1 23 bc. b.	$ \begin{array}{c} +5. \ \ 4. \ \ 35. \ \ 4. \ \ 2. \ \ 3. \ \ 25. \ \ 9. \ \ 11. \ \ 4. \ \ 7. \ \ 11. \ \ 13. \ \ 15. \ \ 17. \\ -\frac{1}{17}, \ \frac{2}{18}, \ \frac{1}{18}, \ \frac{1}{18}, \ \frac{1}{16}, \ \frac{1}{13}, \ \frac{1}{3}, \ \frac{1}{6}, \ \frac{1}{11}, \frac{1}{1}, \ \frac{1}$	8 8	18 ₀ 14 ₀	4.81 4.04
	ACE.	1054 4 N.354 NbW.6, NNW.481, NWbN.11		10 North Westerly =	Highest, Lowest, and Mean Temperature	e +30	-25	-6.44
Andrew Printers	ARSTRA	8.88. SbE.16. SSE.27. SEbS.4. 2 48. EbN.6. ENE.14. NEbE.0.	11 0 3	South Easterly =	93 54 do. calm. Total force of the Wind			1695

Day of Mont	s Direction of Wind.	Force of Wind.	State of Weather.	MAY, 1831. Temperature in Shade.	+ -	-	Mean.
1	Calm. West. NE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20 1 2 1' b. bc. bcs. c.	$-\frac{2}{15},\frac{2}{16},\frac{1}{16},\frac{1}{13},\frac{1}{11},\frac{1}{7},\frac{1}{4},+\frac{1}{1},\frac{1}{4},\frac{1}{10},\frac{1}{11},\frac{1}{12},\frac{1}{12},\frac{1}{10},1$	12° 16		°.48
2		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	oc. bc. bcd. bc. b. bc. o. 8 3 13	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 10 2	25,200	+2.17 -3.29
3		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 3 18 0. g. b. 24	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			7.71
	NW. C. SE. C. S. Vble+. C. 4 4 1 1 2 4 2 6 8. W. NW. SW. Vble+. Sly. WbN. C.	6 2 7 3 6	24	$-2.8.2.0.+2.4.6.10.14.16.17.18.20.18.15.14.12.10.8.7.3.170.$ $\frac{1}{2}$ $\frac{1}{4}$ $$	21	100000000	8.23
6	Vole+, NE. E. SE. C. Vole+, S. NW. C.	8 4 8 4 1, 0, 1 0	24 b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20 4		7.71
7	NW. N. NNE. WNW. N.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24 b.	$-\frac{1}{0}, \frac{1}{1}, \frac{1}{0}, \frac{1}{2}, \frac{1}{4}, \frac{1}{6}, \frac{1}{7}, \frac{1}{1}, \frac{1}{1}, \frac{1}{5}, \frac{1}{1}, \frac{1}{5}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{2}, $	194	23/24 1/2	6.81
8	SSW, C. S. Wly. SW. NNW.	$\frac{4}{1}, \frac{4}{0}, \frac{14}{1}, \frac{9}{2},$	24 b.		21	20 CM	10,10
9	MAN. HH. Dien. M. Hon. C.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	b.				11.1:
10	N. IVW. Prints, Tribits	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 6 9 2 4	$+\frac{4.3.4.5.7.10.11.121.16.22.221.22.20.18.16.131111.10.9.3.7}{1.21.10.10.10.10.10.10.10.10.10.10.10.10.10$	224+3		13.10 11.73
11	MDM. Danger Dange.	2 6 1 2 5 2 1 1 2 1 1	3 6 9 2 4 b. g. c. cd. bcq. 8 8 2 1 5 b. bd. b. bdq. bd.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 NOSE/AND 19035	5370 FH \$360	13.54
13		5.5.6.7.6.4.7.5.6.5.6. 1 1 1 9 8 1 1 2	b, bd, b, bdq, bd, 2 2 3 2 3 12 bd, b, bd, b, bd, b.	+9.7.74.8.9.10.124.15.154.16.184.194.184.18.16.15.14.13.12.11.	10 Car	7 CO 100	16.0
	The state of the s	3. 6. 3. 4. 5. 4. 5. 4.	经验证证据		1986		
14	NNW. NW. WSW. W.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	c. 20 b.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	32 10	9 2	20.2
15	2 6 10 6 W. C. NNE, Culm.	$\frac{2}{1} \cdot \frac{6}{0} \cdot \frac{10}{1} \cdot \frac{6}{0}$	24	$+\frac{1}{1} \frac{1}{2} \frac{1}{1} \frac{1} \frac$	32 10	C32-94KW	PERSONAL PROPERTY OF THE PERSONAL PROPERTY OF
16	1 SE. S. SSE. SH. SHUH.	$\frac{5}{1}, \frac{8}{2}, \frac{2}{1}, \frac{1}{2}, \frac{1}{1}, \frac{2}{2}, \frac{2}{3}, \frac{2}{2}, \frac{1}{3}.$	18 6 b. bc.	$+\frac{1}{9}.\frac{1}{84}.\frac{1}{9}.\frac{1}{10.1}.\frac{1}{0.1}.\frac{1}{2.1}.\frac{1}{3.1}.\frac{1}{4.1}.\frac{1}{6.2}.\frac{1}{0.2}.\frac{1}{2.2}.\frac{1}{2.3}.\frac{2}{3.2}.\frac{1}{9}.\frac{1}{2}.\frac{1}{9.2}.\frac{1}{7}.\frac{1}{2}.\frac{1}{4.2}.\frac{1}{2}.\frac{1}{2}.\frac{1}{19.1}.\frac{1}{7}.\frac{1}{15}.\frac{2}{14}.$	294		
17	SW. C. SSE. C. ANE.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	12 3 6 4 bc. c. o. g.	$+\frac{1}{12},\frac{1}{13},\frac{1}{15},\frac{1}{17},\frac{1}{19},\frac{1}{19},\frac{1}{12},\frac{1}{14},\frac{1}{25},\frac{1}{27},\frac{1}{26},\frac{1}{27},\frac{1}{28},\frac{1}{27},\frac{1}{25},\frac{1}{24},\frac{1}{23},\frac{1}{22},\frac{1}{21},\frac{1}{20},\frac{1}{19},$	28 1		
18 19	MAD. D. HALE. N.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 11 3 1 8 o. os. od. bd. b.	$+\frac{1}{19}$, $\frac{1}{194}$, $\frac{1}{20}$, $\frac{1}{21}$, $\frac{1}{22}$, $\frac{1}{23}$, $\frac{1}{24}$, $\frac{1}{20}$, $\frac{1}{19}$, $\frac{1}{18}$, $\frac{1}{17}$, $\frac{1}{16}$, $\frac{1}{14}$, $\frac{1}{12}$, $\frac{1}{11}$,	24 1 32 10		
20	5 3 15 4 N. NW. SE. N.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b. q. 8 8 2 6	+10.11.13.16.18.20.23.27430432324313029262321420191715414 -4 -1 -1 -1 -1 -1 -1 -1 -1	SI POSTESSION SPESS	50000280	17.0
21	NNE.N.NW.WNW.W.NW.WNW.C.WSW.	2.3.4.3.2.3.4.3.2.0.1. 9 1 7 3 2 1 1	0. g. bc. b. 8 1 1 10 3 1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	PERSONAL PROPERTY AND ADDRESS.	S00005 E0	16.8
22	SW. SE. S. ESE. 6 4 2 4 5 3 ESE. B. ENE. NE. N. NE.	1. 2. 3. 2. 3. 4. 5. 3 2 1 5 6 2 1 1 1 2	b. bc. bcs. bc. o. os. 13 3 1 3 2 2 os. sd. bc. bcd. os. bc.	$\begin{array}{c} +8.9 \cdot 1 & 4 \cdot 1 & 6 \cdot 1 & 5 \cdot 1 & 6 \cdot 1 & 8 \cdot 2 & 0 \cdot 2 & 2 \cdot 2 & 4 \cdot 2 \cdot 2 \cdot 1 & 9 \cdot 1 & 8 \cdot 1 & 6 \cdot 1 & 4 \cdot 1 & 5 \cdot \\ +\frac{1}{15} \cdot \frac{1}{14} \cdot \frac{1}{15} \cdot \frac{1}{16} \cdot \frac{1}{16} \cdot \frac{1}{18} \cdot \frac{1}{20} \cdot \frac{1}{22} \cdot \frac{2}{20} \cdot \frac{1}{19} \cdot \frac{1}{18} \cdot \frac{1}{16} \cdot \frac{1}{15} \cdot \frac{1}{16} \cdot \frac{1}{16} \cdot \frac{1}{14} \cdot \end{array}$	22 1		
23		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 16 4 b. q. od.	$\frac{1}{12}, \frac{1}{14}, \frac{2}{164}, \frac{2}{20}, \frac{1}{21}, \frac{3}{20}, \frac{1}{20}, \frac{1}{20}, \frac{1}{20}, \frac{2}{20}, \frac{1}{20}, \frac{1}{20}, \frac{2}{20}, \frac{1}{20}, \frac{1}{20}, \frac{1}{20}, \frac{2}{20}, \frac{1}{20}, 1$	304 15	00555 iv \$20	
24	North.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 1 1 1 5 6 2 od.qsd.bcd.bcosd.bcd.bc.b	$+\frac{5}{24 \cdot 25} \cdot \frac{1}{6 \cdot 2} \cdot \frac{1}{6 \cdot 2} \cdot \frac{1}{6 \cdot 2} \cdot \frac{1}{6 \cdot 3}	33 20		
25	HAH. H. SH. HOW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 1 4 4 5 2 4 b. bc. bqc. bc. bgc. gs. os.	$+\frac{1}{18} \cdot \frac{1}{17} \cdot \frac{1}{19} \cdot \frac{1}{22} \cdot \frac{3}{25} \cdot \frac{1}{26} \cdot \frac{1}{29} \cdot \frac{1}{32} \cdot \frac{1}{33} \cdot \frac{1}{34} \cdot \frac{1}{33} \cdot \frac{1}{324} \cdot \frac{1}{324} \cdot \frac{1}{364} \cdot \frac{1}{294} \cdot \frac{2}{284} \cdot \frac{1}{274} \cdot \frac{2}{264} \cdot \frac{1}{274} \cdot \frac{1}{264} \cdot \frac{1}{254} \cdot \frac{1}{264} \cdot $			27.2
26	MAE. MOH. AH. HOW.	$\frac{1}{3}, \frac{2}{4}, \frac{1}{5}, \frac{1}{6}, \frac{1}{3}, \frac{1}{2}, \frac{1}{4}, \frac{1}{3}, \frac{1}{1}, \frac{6}{2}, \frac{2}{3}, \frac{3}{2}, \frac{3}{3}$	4 2 9 3 6 os, o, bc, os, o.	$+\frac{4}{20.201211.23.25.25.25.25.25.29.34.32.31.30.291.29.25.25.24.23.22.211.2}$	34 20		
27	8 10 2 3 1 8W. W. 8SE. SE. NE.	4. 3. 2. 4. 3. 2. 1.	qc,qcd,qc,o.od,bc,bcs,qs.	$+\frac{1}{14.1}\frac{3}{3.1}\frac{1}{7.1}\frac{1}{9.2}\frac{1}{14.2}\frac{1}{3.25}\frac{1}{23.25}\frac{1}{23.2}\frac{1}{94.3}\frac{1}{2.3}\frac{1}{34.3}\frac{1}{35.3}\frac{1}{36.3}\frac{1}{4.3}\frac{1}{30.2}\frac{1}{82624}\frac{1}{22214204}$	36 1		
28 29	The state of the same of the same to the same to the same of the s	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	qs.bc.bcs.bc.os. bc. qc. bc.		34 20 25 13		
CROSSIONS	B. N.B. M. MN. MNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oc. bc. bcd. qed. 4 11 1 4 2 2	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	24 1	1	20.0
31		3. 2. 1. 2. 3. 2. 3. 4. 2. 4 4 8 2 2 4	bc. b. bc. q. qs. os.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	28 1	6	20.5
30 31	NNW. NW. WNW. W	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	bc, b. bc, q, qs. os. 2 10 11 1 os. cs. bc. qs.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	34 1 28 1	1 6	

	Day of Mont		Direction of Wind.	Porce of Wind.	State of Weather.	JUNE, 1831. Temperature in Shade.	+	_1	Mean.
	1		₩ \$₩.	2 1 1 1 1 1 1 1 2 5 2 1 2 2 1 3 4 2 4 5 4 3 4 5 6 7 6 4 3 4	2 2 16 2 2 qcs. bc. osd. bc. q.	1 1 0 • 1 3 • 1 0 • 1 (6 • 1 00 • 1 3 • 2 00 • 2 1 • 2 2 • 2 4 • 2 3 • 2 4 • 2 3 • 2 1 • 2 0 • 1 9 • 1 9 • 1	D00253.1114.00		19. 90
	2		SWES. SW. SW. NW. SSW. NW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 12 6 2 q. osd. os. osd.		Sensitivities in		24.10
	id S	5	West, WNW. NW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 1 20 2 0. oc. bc. os. 1 4 3 16		5:00509 3	50000	23.19 21.96
#		5	W. NW. W. WNW.	3, 4, 3, 4, 2, 3, 4, 6 2 3 2 8 2 6	q. bc. b. bc.				23.21
	1	2000 B	W. WNW. WSW.	4.5.4.5.4.3.1 5.4.5.4.3.1	b. bcd. b.				24.10
		7	WSW. C. S. C. SWbS, SW. WSW.	1. 0. 1. 0. 1. 2. 1. 2	bc. b. 4 6 4 4 2 2 bc. b. bc. os. ods. o.		32		25.34
	8	3	SbE. S. SF to E. S. Calm.	2 2 1 2 1 1 2 3 4 5 4 5 4 3 . 2 2 2 1 7 1 0 C	2 1 1 7 6 1 5 1 0.0s.bcs.bc.o.as.os.bc.				32.58
	3		C. WNW. NNE. N. NNW. NW.	1 1 2 2 4 1 1 4 5 1 1	1 7 6 3 7 bc. qc. bc. q. bc	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37	241	30.52
	10	ESSENCE I	WNW. NNW. NWbN. N.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 6 10 4 bc. b. o. q.		135 W. 17 S. 17	201	26.2
4	11		NW. WbN.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	20 1 3 0. od. os.			26	32.7
0	Sec. Sec.		NW. West.	$\boxed{\frac{3}{3}, \frac{1}{4}, \frac{2}{6}, \frac{2}{7}, \frac{8}{8}, \frac{1}{9}, \frac{1}{8}, \frac{2}{5}, \frac{1}{4}, \frac{1}{3}, \frac{2}{2}}$	2 2 14 4 2 0. os. osd. bed. be.		CONTRACT IN	20	25.7
	13		SSW. SW. WSW.	$\frac{1}{2}, \frac{1}{3}, \frac{6}{2}, \frac{10}{1}, \frac{3}{2}, \frac{3}{1},$	2 2 1 11 8 bc. b. b. b. bc.	1 1 0 1 2 2 1 2 0 2 0 2 0 2 0 3 0 3 0 2 2 3 4 3 3 3 3 2 3 3 2 3 0 2 2 2 7 2 0 2 4 2 3 2 2 1	5:500 B		27.00
	14		WSW. West, Calm.	1. 2. 1. 8 0. 0. 0. 0. 0.	3 1 2 3 4 11 bc. o. bc. o. os. bc.	T 2 2 2 2 3 2 4 2 3 2 0 2 8 3 0 3 2 3 4 3 0 0 3 2 3 4 5 0 0 3 0 4 0 4 0 5 3 0 3 4 3 2 3 1 2 9 2 8 2 7 1 1		AND DESCRIPTION OF	31.7 33.2
	16		SW. C. SSW. WSW. SE. SEE. C.	1. 1. 1. 2. 3. 1. 3. 1. 5.	b. bc. b. q.		Control of the last	140000000000000000000000000000000000000	34 1
	17		NE. N. Now. NW. SW. +. Calm.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 3 2 4 12 qs. q. qs. c. b.			ELECTRICAL PROPERTY.	34.94
	18		SE. S. NE. S. C. SW. + N. NW.	4 3 1 4 3 3 2 1 1 1 1	b. 9 4 3 4 4 c. b. c. b. c.	T # # + + + + + + + + + + + + + + + + +	STREET,		35.08
1	19	9	Č. NW. Č. NW. Č. NW. Ć. NW. North.	0. 2. 1. 2. 0. 1. 2. 0. 2. 1. 0 6 2 2 3 3 1 1 2 1 2 2	8 4 12				39.58
	20	0	2 2 1 2 1 1 12 1 1 N. W. NW. C. NW. N. C. SSW. SE. S	4 1 9 2 1 1 5 2 1 1 1 1 1 1	b. c b.				40.90
	2	1	13 5 1 5 SW. S. W. NW.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	8 2 6 4 4 c. or. o. c. b.	1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 1 0			34.38
	25		NW. N. NWbN. N. NW. NNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 2 2 2 8 4 1 3	2 1 2 1 1 1 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 2 1	40	31+	35.43
	2		NNW. C. NNW. S. SSE. SW.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	8 1 11 1 3 b. bc. b. g. of.				38.60
	2		8W. 8. 8W. 8. 8W. 8.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 2 2 1 15 of. c. of c. b.				35.3
0	2		5. sw. wsw. w. wsw.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	c. g. o. bc. c. bc. c. bc				36.38
٠	20		Wy. c. N. S. c. st.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 2 1 13 2 4 o. qr. o. bc. b. g.				36.38
	2		sw. s. sw. w.	$\frac{1}{1}, \frac{1}{2}, \frac{2}{1}, \frac{3}{2}, \frac{2}{3}, \frac{3}{4}, \frac{4}{3}, \frac{2}{4}, \frac{3}{3}, \frac{3}{2}, \frac{1}{0}$	o. cb. b. c. o. or.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	39		35.7
	2		wly. Nw. C. sw. s.	1. \frac{1}{2}. \frac{1}{3}. \frac{1}{2}. \frac{1}{3}. \frac{1}{2}. \frac{1}{3}. \frac{1}{2}. \frac{1}{3}. \frac{1}{2}. \frac{1}{3}.	er. c. oc. g. o. bc. b. e	$\left. + \frac{4}{34}, \frac{1}{35}, \frac{1}{36}, \frac{1}{37}, \frac{1}{38}, \frac{1}{39}, \frac{1}{40}, \frac{1}{41}, \frac{1}{42}, \frac{4}{40}, \frac{2}{39}, \frac{1}{38}, \frac{1}{37}, \frac{1}{36}, \frac{1}{35}, \frac{1}{34}, \frac{1}{32}, \right]$	42	52	$37.2 \\ 35.5$
	3		Sw. C. 8. 58E. S.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	c g. f. bc. f. bcf. bc. c				35.5
	1 0	<u> </u>	12 sw. www.	1 2.4.2.3.4.6.5.6.5.4.5.4.6.	be.es.c. be.c. bes.b.be	$1+34.\overline{36}.\overline{37}.\overline{38}.\overline{36}.\overline{35}.\overline{34}.\overline{33}.$	00	00	00.0
		ACT.	N.122. NbW.4. NNW.61. NWbN.36. N W.231. WbS.0. WSW 64. SWbW.34. S		Promote Tillandandan and	Total. Highest, Lowest, and Mean Temperature +5	52 +1	14 +	31.5
		ABSTR	11 _4_ 11 0 1	0 0 4 0	South Easterly =11	s do, wind variable, 65 do, calm.			101
200		AB	6.17. EbN.e. ENE.e. NEbE.e. N	2021101		720 = 30 days. Total force of the Wind	•	•	171

	Days of Month.	Direction of Wind,	Force of Wind.	State of Weather.	JULY, 1831. Temperature in Shade.	+	- Mean.
Φ	1 2 3 4 5	WNW. SW. WSW. WNW. NW. NW. NNW. NW. NW. NW. NW. WNW. W	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 4 8 3 1 2 1 1 c.g. bc. c. cs. os. o. bc. 4 4 1 1 4 10 bc. o. os. o. bc. b. 4 2 3 2 1 1 2 5 4 b.bc. o. os. or. o. os. o., 4 1 1 1 1 4 2 0. or. of. g. gr. or. os. 11 3 6 4 os. o. of. f.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	38 3 40 3 38 3 34, 3	3° 35°.6 1 34.64 4 37.42 2 36.23 2 33.29 2 35.5
	7	NE, ENE. NE. NNE. NE. NNE. N. NW. N. NWEN. NNE. NNW. N. SW. NNE. SW. SW. N. NNW. W. SW. S. SSE.	$\frac{\frac{1}{2}, \frac{3}{4}, \frac{1}{3}, \frac{2}{1}, \frac{2}{2}, \frac{4}{4},}{\frac{1}{6}, \frac{1}{3}, \frac{1}{5}, \frac{2}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{1}{1}, \frac{1}{2}, \frac{4}{1},}{\frac{1}{6}, \frac{1}{3}, \frac{1}{5}, \frac{1}{5}, \frac{1}{4}, \frac{1}{1}, \frac{1}{2}, \frac{4}{1},}$	31 4 3 1 4 3 5 f. q. os. of. q. c. bc. b. 1 2 14 5 2 o. bc. b. bc. b.	1024. 02. 03. 032. 34. 042. 00. 00. 00. 00. 00. 01. 00. 30. 30. 04.	41 3	4 38.77
0	8 9 10 11	SE. SW. WSW. SW. NW.N.NW.WAW.NW.N.NE.C.W.N.NE. NNE. N. NNW. NDW. NNE. NNE. N. NNW. NDW. NNE.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	38 3 38 3	7 40.50 4 36.23 2, 35.85 4 35.38
	12 13 14	\[\begin{array}{cccccccccccccccccccccccccccccccccccc	$\frac{4}{3}, \frac{1}{2}, \frac{2}{1}, \frac{5}{2}, \frac{1}{3}, \frac{2}{2}, \frac{1}{1}, \frac{1}{2}, \frac{3}{3}, \frac{5}{2}, \frac{1}{4},$ $\frac{4}{2}, \frac{1}{3}, \frac{3}{2}, \frac{3}{1}, \frac{1}{0}, \frac{1}{2}, \frac{4}{1}, \frac{2}{2}, \frac{1}{1}, \frac{1}{2}, \frac{4}{1},$ $8 2 9 5$	6 12 1 1 3 1 c. bc. c. o. bc. o. 4 4 8 2 2 3 1 c. o. c. o. f. o. of. 8 2 1 2 2 9	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	40 3 40 3	4 36.92 3 36.10 3 35.33
Ф	15 16 17	4 6 10 NE. NEON, 16 16 4 North. NE. NNE. 0 15 NE. NNE.	$\begin{array}{c} -\frac{2}{3}, \frac{1}{1}, \frac{2}{3}, \frac{3}{3}, \\ \frac{1}{2}, \frac{2}{4}, \frac{1}{3}, \frac{4}{3}, \frac{1}{3}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{1}{3}, \frac{1}{2}, \frac{1}{3}, \frac{1}{2}, \frac{1}{3}, \frac{1}{2}, \frac{1}{3}, \frac{2}{2}, \frac{1}{3}, \frac{2}{3}, \frac{1}{2}, \frac{1}{3}, \frac{2}{3}, $	om. c. cs. bc. c. or. 4 2 1 1 1 3 3 4 or.og.of.os.o.m.om.bc. 3 21 bc. b. 24 b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	39 3 44 3 44 3	3 35 25 4 40.15 4 39.00
	18 - 19 20 21 22	NE. N. NE. North. 22	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b, b, 22 2 bc, b, bc, c, d, 3 1 13 3 c, o, co, c, g,	$+\frac{1}{3}\frac{3}{7}\frac{1}{3}\frac{1}{8}\frac{1}{4}\frac{1}{1}\frac{1}{4}\frac{1}{1}\frac{1}\frac$	48 3 46 3 44 3	2, 39.55 7 42.75 5 39.85 4 38.75
0	22 23 24 25	SSE. SW. ShE. N. S. SSE. SSE. W. Caim. NE. C. SSE. SE. EbN. E. C. North. 1 T. T. East.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 1 6 11 0, c, b, c, 4 8 4 7 1 c, fr. f. fr. f. 4 6 4 6 2 2 q, bc, b, bc, c, gc, 19 1 4 bc, of, yr.		42 3 44 3 41 ₄ 3	4 39 5 3 37.5 3 39 1 3 38.0
	26 27 28 29	\$E. E. SE. E. C. ENE. 2. N. NE. S. C. 6. E. NW. N. C. 17 North. Vblen WbW. NNW.	$\begin{array}{c} \frac{1.9}{1}, \frac{g}{0}, \frac{3}{1}, \\ \frac{3}{0}, \frac{4}{1}, \frac{1}{2}, \frac{1}{1}, \frac{12}{2}, \frac{3}{0}, \\ \frac{6}{1}, \frac{1}{2}, \frac{3}{3}, \frac{5}{2}, \frac{4}{1}, \frac{4}{0}, \\ \frac{1}{2}, \frac{16}{3}, \frac{5}{4}, \frac{1}{3}, \frac{1}{4}, \end{array}$	9 0 7 2 or. g. c. bc. 24 bc, 21 3 bc. g. 7 13 3 1 g. bc. o. bc.	$\begin{array}{c} +\frac{1}{3} \cdot \frac{3}{3} \cdot \frac{1}{34} \cdot \frac{1}{36} \cdot \frac{2}{36} \cdot \frac{1}{37} \cdot \frac{2}{38} \cdot \frac{1}{39} \cdot \frac{1}{40} \cdot \frac{2}{42} \cdot \frac{2}{41} \cdot \frac{1}{40} \cdot \frac{1}{38} \cdot \frac{1}{37} \cdot \frac{1}{36} \cdot \frac{2}{37} \cdot \frac{1}{36} \cdot \frac{1}{37} \cdot \frac{1}{38} \cdot \frac{1}{37} \cdot \frac{1}{38} \cdot \frac{1}{37} \cdot \frac{1}{38} \cdot \frac{1}{37} \cdot \frac{1}{38} \cdot \frac{1}{37} \cdot \frac{1}{36} \cdot \frac{1}{38} \cdot \frac{1}{38} \cdot \frac{1}{37} \cdot \frac{1}{36} \cdot \frac{1}{38} \cdot \frac{1}{37} \cdot \frac{1}{36} \cdot \frac{1}{38} \cdot \frac{1}{$	48 3 41 3 41 ₂ 3	5 38.5 6 38.9
0	30 31	Vble from NW. Calm. 8 4 12 NW. N to NW. Vble W to NB.	$\frac{6}{4}, \frac{9}{5}, \frac{7}{3}, \frac{1}{2}, \frac{1}{4}, \frac{9}{3}, \frac{1}{2}, \frac{4}{0}, \\ \frac{7}{2}, \frac{1}{3}, \frac{6}{2}, \frac{1}{5}, \frac{3}{3}, \frac{1}{2}, \frac{5}{1},$	18 2 4 bc. c. bc. 1 13 4 hc. b. bc.	$\frac{3}{4}$ $\frac{1}{36}$ $\frac{1}{364}$ $\frac{1}{36}$ $\frac{1}{364}$ $\frac{1}{364$	50 3	6 41.99
	ABSTRACT.	83 11 30 4 40 N.188. NbW.33. NNW.114. NWbN.17. NW 25 W.100. WbS.0. WSW.19. BWbW.0. SW. 19. SWbW.0. SW. 19. SBbS.0. SB. 115. SbB.32. SSB.65. SBbS.0. SB.	124. NW 6W.20. WNW.109. WbN.6. 74. SWbS.0. SSW.1. SbW.0. South 1 13 T South 1 14. SUBER.0. ESS.20. TSS.11.	220	Total. Highest, Lowest, and Mean Temperature + 5 lo. wind variable. lo. calm. Total force of the Wind		+ 37.9

Days of Month.	Direction of Wind.	Force of Wind.	State of Weather.	AUGUST, 1831. Temperature in Shade.	+	-	Mean.
1.	NW. W. E. NELY to ESE. NE. WIY.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 16 4 bc. b. bc.	$ \begin{cases} +\frac{1}{3}\frac{1}{7\frac{1}{2}}0, \frac{1}{3}\frac{1}{6}0, \frac{1}{3}\frac{1}{7\frac{1}{2}}0, \frac{1}{3}\frac{1}{8\frac{1}{2}}0, \frac{1}{3}\frac{1}{9}0, \frac{1}{4}\frac{1}{1}0, \frac{1}{4}\frac{1}{2}0, \frac{1}{4}\frac{1}{4}\frac{1}{6}\frac{1}{4}0, \frac{1}{4}\frac{1}{7}\frac{1}{6}0, \frac{1}{4}\frac{1}{4}\frac{1}{9}0, \frac{1}{4}\frac{1}{2}0, \frac{1}{4}\frac{1}{2}0, \frac{1}{4}\frac{1}{4}0, \frac{1}{4}\frac{1}{4}\frac{1}{9}0, \frac{1}{4}\frac{1}{2}0, \frac{1}{4}\frac{1}{2}0, \frac{1}{4}\frac{1}{4}0, \frac{1}{4}\frac{1}{4}\frac{1}{2}0, \frac{1}{4}\frac{1}{4}0, \frac{1}{4}\frac{1}{4}\frac{1}{2}0, \frac{1}{4}\frac{1}{2$.} 49°	36°	44°.29
2	WAW. 8W. W. W. 8.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	2 2 20 o, bc, b.	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C-160 MT60 V0-46	0.0000000000000000000000000000000000000	47.44
3	w. wiy. w. 3. wsw. sw. s.	$\begin{array}{c} 2 & 1 & 1 & 1 & 1 & 2 & 2 & 1 & 1 & 2 & 2$	4 4 12 4 c. bc. b. bc.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			44.91
4	S. sbw. wsw. w. wsw. sw. swbw.	$\frac{1}{3}$, $\frac{8}{2}$, $\frac{5}{4}$, $\frac{9}{3}$, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{9}{5}$, $\frac{1}{8}$.	4 6 8 6 c. g. or. c.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			41.00 38.17
$\begin{vmatrix} 5 \\ 6 \end{vmatrix}$	WNW. W. Wbs. WNW. W. Sw. c. c. N. NE. E. S. Ely, Calm.	4 2 4 5 4 3 4 3 4 3 0 4 1 3 1 3 1 3 1 3 1 3 1 3 2 2 2 6	6 6 4 8 b. c. bc. c. 8 9 3 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			37.08
# 7	C. N. NE. E. S. Ely, Calm. WNW. NW. Nly. ESE. S. W.	0. 1. 2. 1. 2. 1. 2. 1. 0. 1 3 4 5 1 2 3 1 1 2 1	8 9 3 4 c. b. bc. b. 4 4 5 1 2 8 c. b. c. ch. c. bc.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			37.29
8	W.Wbn.NW.Wbn.Nw.wnw.wiy.wnw.nw.	521111311121211	e, b, c, ch, c, bc.	+34, 36, 37, 38, 39, 40, 41, 38, 36, 34, 33, 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			37.62
9	wsw. w. c. s. Ely. E. NE. ENE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 12 2 3 2 1 bc. b. bc, b. c. o.	$\begin{vmatrix} \frac{5}{32}, \frac{1}{33}, \frac{1}{34}, \frac{1}{35}, \frac{1}{36}, \frac{1}{37}, \frac{1}{39}, \frac{1}{40}, \frac{6}{41}, \frac{1}{42}, \frac{1}{44}, \frac{1}{42}, \frac{1}{40}, \frac{1}{38}, \frac{1}{37}, \\ \frac{1}{36}, \frac{1}{35}, \frac{1}{34}, \frac{1}{36}, \frac{1}{38}, \frac{1}{40}, \frac{1}{42}, \frac{1}{49}, \frac{1}{48}, \frac{1}{50}, \frac{1}{50}, \frac{1}{64}, \frac{1}{40}, \frac{1}{38}, \frac{1}{36}, \frac{1}{36}, \frac{1}{36}, \frac{1}{36}, \frac{1}{36}, \frac{1}{42}, \frac{1}{49}, \frac{1}{48}, \frac{1}{50}, \frac{1}{50}, \frac{1}{50}, \frac{1}{64}, \frac{1}{40}, \frac{1}{38}, \frac{1}{36}, \frac{1}{36}, \frac{1}{38}, \frac{1}{40}, \frac{1}{42}, \frac{1}{49}, \frac{1}{48}, \frac{1}{50}, \frac{1}{50}, \frac{1}{64}, \frac{1}{40}, \frac{1}{38}, \frac{1}{36}, \frac{1}{36}, \frac{1}{38}, \frac{1}{40}, \frac{1}{42}, \frac{1}{49}, \frac{1}{48}, \frac{1}{50}, \frac{1}{50}, \frac{1}{64}, \frac{1}{40}, \frac{1}{38}, \frac{1}{36}, \frac{1}{38}, \frac{1}{40}, \frac{1}{42}, \frac{1}{49}, \frac{1}{48}, \frac{1}{50}, \frac{1}{50}, \frac{1}{64}, \frac{1}{40}, $	501	34	40.98
10	ENE. E. NEBE, ENE. NE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 4 4 3 4 1 4 bc. f. or. c. or. b. of.	$\begin{vmatrix} \frac{6}{33}, \frac{4}{34}, \frac{3}{35}, \frac{1}{34\frac{1}{2}}, \frac{4}{34}, \frac{1}{33\frac{1}{2}}, \frac{1}{32}, \frac{1}{32\frac{1}{2}}, \frac{1}{32}, \frac{2}{32\frac{1}{2}}, \\ \frac{1}{32}, $			33.81
11	ENE. NE. NEBE. NNE. NIV. NE. N.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	4 20 ofr. of.	$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$			35.15
12	N. NNW. NNE. NNW. N. NW.	3 1 9 1 0 9 1 7 4 1	4 4 7 1 4 c. q. b. bc q. bc.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			$36.56 \\ 40.15$
114	WNW, NE, N. Elx. SE, S. C. N. 1. 1. 1. 3. 1. 2. 1. 3. 2. 1. 3. 2. 1. 3. 2. 1. 3. 2. 1. 3. 2. 1. 3. 2. 1. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 2. 1. 3. 3. 3. 2. 1. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	5.4.3.4.5.3.2.1.0.1. 1 1 1 3 1 2 1 1 1 1 2 2 7	4 13 7 c. b. c. 4 2 1 5 12 b. bc. f. bc. c.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			36.88
15	E. ENE. E. ESE. E. ESE. E.	0.1.0.1.0.1 2 3 4 3 2 3 4 10 2 6 1 5	b. bc. f. bc. c. 1 8 4 2 4 1 4 o. or. c. or. o. or. ofr.	$\begin{vmatrix} \frac{1}{36}, \frac{1}{35}, \frac{3}{36}, \frac{1}{38}, \frac{1}{39}, \frac{1}{41}, \frac{4}{40}, \frac{1}{38}, \frac{6}{36}, \frac{1}{35}, \frac{1}{36}, \frac{2}{35}, \frac{1}{34}, \frac{2}{35}, \frac{1}{34}, \frac{2}{36}, \frac{3}{35}, \frac{1}{34}, \frac{1}{36}, \frac{2}{35}, \frac{1}{36}, \frac{1}{36}, \frac{2}{35}, \frac{2}{36}, \frac{2}{35}, \frac{2}{36}, \frac{2}{35}, \frac{2}{36}, \frac{2}{36}, \frac{2}{35}, \frac{2}{36}, $	36	34	35.33
16	4 6 9 3 5 Bly. E. ESE. +. South.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 1 6 3 12 or. ors. os. ofr. of.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	35	33	33.96
17	5 3 4 4 2 6 SSW. S. Ely. C. SE. Calm.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 7 1 1 2 3 1 2 4 b.ofs.of.ofs.of.ofr.of.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			35.06
18	C. NW. NNW. C. SSE. NE. NNW.	$\begin{vmatrix} \frac{3}{0} & \frac{5}{1} & \frac{9}{2} & \frac{4}{1} & \frac{1}{0} & \frac{7}{1} & \frac{1}{2} & \frac{1}{3} \\ 0 & \frac{1}{1} & \frac{9}{2} & \frac{1}{1} & \frac{1}{0} & \frac{7}{1} & \frac{1}{2} & \frac{1}{3} \end{aligned}$	3 5 4 2 4 2 4 ofs. of. ofc. c. cf. bc. cf.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	41	33	36.17
19	NNW. WIY. NWON. NE. NNE. NE. 7. NNW.	1 1 1 3 1 1 2 5 2 3 2 1	1 2 1 4 4 4 1 3 of ch. c. bp. b. bc. b. be. c.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	48	35	40.29
20	C. NNW. WNW. 1. 2. 2. 2. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	13211421141111	4 6 10 4	5 1 1 2 1 1 1 1 3 1 1 2 1 1 1	44	37	40.04
⊕ 21	W. WNW. NE. Ely. ENE. NEBE. NE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	bc. c. b. bc.	+38.37.38.39.40.41.48.42\$.42.44.43.41.40.39\$.39.3			35.13
22	N. NNE. N. NWbN. NW. NNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	bc. c. of. ofh. ofr. cfr. or. ohr	1+38. 35. 36. 37. 38. 35. 36. 35. 36. 35. 34. 33. 32. 8 1 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	33	28	31.94
23	NW. NWbN. C. N.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	3 1 2 2 8 6 1 1 of. ofr. of. fs. bc. b. bc. o.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			34.08
24	NNW. NWbN. N. SE. SSE. S. C.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 3 1 8 6 1 1 o. of. c. bc. b. bc. o.	$\begin{vmatrix} \frac{4}{34}, \frac{1}{33}, \frac{1}{32\frac{1}{2}}, \frac{4}{32}, \frac{1}{35}, \frac{1}{36}, \frac{2}{37}, \frac{1}{36}, \frac{1}{34}, \frac{2}{33}, \frac{1}{32}, \frac{2}{31}, \frac{2}{30}, \frac{1}{29}, \\ \frac{1}{33}, \frac{1}{32}, \frac{1}{30}, \frac{1}{30}, \frac{1}{29}, \frac{1}{30}, 1$	37	29	33.04
25 26	SbE. C. SW. S. SE, Ely. C. S. C. SWbW. S. WSW. N.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 4 8 4 c. of. f. bc. c.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		30	34.83 34.79
27	N. NNW. NW. NEIY. SE. S. SSE. S. SSE. S.	$\begin{bmatrix} \frac{1}{5}, \frac{4}{4}, \frac{5}{5}, \frac{3}{3}, \frac{2}{2}, \frac{1}{1} & \frac{1}{2} & \frac{1}{4} & \frac{1}{3} & \frac{1}{1} & \frac{1}{4} \\ 2 & 2 & 1 & 1 & 3 & 1 & 1 & 1 & 4 & 1 & 1 & 3 & 1 & 1 \end{bmatrix}$	bc, cf. b. bc.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			36.29
⊕ 28	SSE.S.SW.S.Sly. + ENE. + NE. Ely. SE.SSE.S.SbW. \$. WSW. W. WNW. W. WbN.	3 4 2 3 1 2 1 2 1 2 3 2 1 2 3 1 1 1 1 2 1 1 7	o.or.c.cb.o.of.or. o. c.of.ofs. 4 2 1 5 12 c. hc. os. bc. c.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			32.32
29	Wbs. WNW. N. NW. WNW. W. WNW. N.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	c. hc. os. bc. c.	$+31$, $31\frac{1}{2}$, 32 , 33 , 32 , 33 , 36 , 35 , 34 , 33 , 32 , 31 , $30\frac{1}{2}$, 30 , 29	* 31	24	27.92
30	N. SSW. NNE. N. NbW. NNW.	4 1 1 1 1 1 1 9 1 9 1 1 8.2.1,2.3,4,3,4,6 3 3 4	3 3 1 1 1 4 1 4 6 bc. b. os. bc. b. bc. b. bc. h	$\begin{bmatrix} 3 & 3 & 3 & 2 & 2 & 2 & 2 & 2 & 2 & 3 & 2 & 2$	34	24	29.54
31	8 8 2 2 2 N. Sly. SE. SW. +.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	8 2 2 10 2 b. bc. cf. bc. qbc.	$\begin{vmatrix} \frac{1}{28}, \frac{1}{27}, \frac{1}{26}, \frac{1}{26}, \frac{1}{30}, \frac{1}{34}, \frac{1}{33}, \frac{1}{32}, \frac{2}{34}, \frac{1}{33}, \frac{1}{324}, \frac{2}{32}, \frac{2}{31}, \frac{1}{32}, \frac{1}{32}, \frac{1}{31}, \frac{1}{32} \end{vmatrix}$	0.34	26	29.79
i.	N.271. N.W.4. N.W.127. N.W. 146. N.W.127. N	WhW.7. WNW.141. Wh V os	North Westerly -261	Total. Highest Lowest and Mean Temperature	54	24	26 51
ABSTRAC	W.201. WbS.43. WSW.100. SWbW.10. SW.72.	8Wbs.o. 88W.7. 8bW.35.	South Westerly = 134 687	lo. wind variable.	+54+	24+	36.51
ISI	8.117. SbE.3. SSE.24. SEbS.0. SE.28.	NEDE O. 18 67. PhS a.	South Easterly =110 43	Total force of the Wind	HER		2001

П	Days of	Direction of Wind.	Force of *Wind.	State of Weather,	SEPTEMBER, 1831. Temperature in Shade.	+	-	Mean.
	Month.	Wind.		TOTAL CONTRACT OF THE CONTRACT	The state of the s	+	+	+
	1	4 4 4 3 3 3 - 3 3 3 - Vble. C.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	3 9 5 7 beq. be. o. or.	$+\frac{3}{30}$ °, $\frac{1}{31}$ °, $\frac{1}{32}$ °, $\frac{4}{33}$ °, $\frac{3}{34}$ °, $\frac{6}{36}$ °, $\frac{5}{35}$ °, $\frac{1}{34}$ °,			33°.83
	2	C. Vble. N, NbW. NW. NWbW. NWbN. C. NNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 5 3 5 2 1 3 2 or. os. or. o. o. o, bc. of.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			33.98
	3	N. NWbN. NNW. N. NbE.	$\frac{1}{2}, \frac{1}{3}, \frac{1}{6}, \frac{3}{7}, \frac{1}{6}, \frac{3}{8}, \frac{1}{10}.$	112116 4 312 2 bf.cf.of.o.bc.os.oqs.o.c.eq.eqf.	$+\frac{2}{3}\frac{1}{3}\frac{1}{3}\frac{1}{2}\frac{1}{3}\frac{1}{2}\frac{1}{3}\frac{1}{2}\frac{1}{3}\frac{1}\frac{1}{3}$	REST SECTIONS OF SECTION SECTI	120000000000000000000000000000000000000	32.42
1	4	NNW. N. NbW.	$\frac{3}{10.9.10.9.10.9.7.8.9}$	2 2 4 3 1 12 oqf. oq. eq. eq. eq. 6 6 6 2 3 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	SECTION AND ADDRESS OF	127559900	28.04 27.44
	5	NNW. NWbN. NW.	10.9.10.9.7.4 3 45 3 4	oqs. cq. os. oqs. os. osq.	+27. 26. 27. 28. 284. 29. 28. 27. 26.	29 29	ET/CHEAL!	27.17
	6	NWLN. NNW. NW.	$\frac{1}{5}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$,	oqs, os. o. c. os. o. cs.	+25. 26. 27. 28. 284. 29. 28. 274. 27.		Resource Co.	28.15
	7	NNW. NW. NWbN. NbW. NNW. N.	4.3.2.3.4.3.2.4.3.4.	0, c. os. o. os. o. c. o. c. qs. bq.	+27. 28. 284. 29. 30. 29. 28. 27.	of the second	63-335 (C.)	27.06
	8	3 5 8 2 6 W. SSW. Sly. S. SE.	1. 2. 1. 2. 1. 2. 1.	o. b. osq. cq. beq. cq. b. be. 8 2 5 1 4 4	+26. 25t. 26. 24. 24t. 25. 27. 28. 29. 28. 27. 28. 26t.	31	70 B 10 W	26.44
	9	1 N. NNW. Sly. SE. S. SSW. +Vble. West.	2. 4. 3. 4. 3. 2. 1. 2. 5 1 1 5 4 1 7	b. bc. bq. b. cq. b. 7 1 2 1 6 1 1 1 3 1	+25\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			23.92
	10	3 5 8 2 6 W. SSW. Sly. S. SE.	1. 2. 1. 2. 1. 2. 1. 5 1 1 1 13 2 1	bc. bcm. cf. c, of.o. of. os. o. cf. 6 1 1 1 1 1 1 1 1 1	+24. 25. 25¢. 26. 25¢. 24. 23. 24. 7 1 2 1 1 2 2 8	-01E002-00:00	Sept. 2000	29.00
4	12	SSE. S. SSW. Ely. SSE. S. SE. C. NW.	$\overline{1}$, $\overline{2}$, $\overline{1}$, $\overline{2}$, $\overline{1}$, $\overline{0}$, $\overline{1}$, $\overline{1}$	of. os. c. o. os. o. c. of. cf.	$\begin{vmatrix} +24 & 25 & 28 & 29 & 31 & 39 & 31 & 32 & 32 & 31 & 32 & 31 & 31 & 31$	32	1500 HORSELL	27.25
	13	5 N. NWbN, NbW. N. NNW. C. NE.	2.3.4.5.6.3.2.0.1.2.	0. cb. of. c, cs. c. o. c. cf. os. c. b. 1212111104	+32. 31. 30. 29. 28. 29. 28. 274. 25. 29. 29. 29.		DOMESTIC OF	21.97
ľ	14	N. SW. E. NNW. NIY. N. NNW. NWbN.	3 1 3 4 5 6 5 6 7 8 7 6 7 8 9 2 8 1 1 6 6	b, c, o, oh, o, oh, os, o, bc, bq, 8 4 12 bq, b, bq.	+22, 24, 25, 24, 23, 22, 20, 19, 18, 5 2 2 1 1 4 1 1 2 1 4	23		19.83
	15	NNW.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6q. b. bq. 18 4 1 1 b. o. cb. c.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	26	\$5025 URBS	21.48
	16	NNW. 18 6 NNW. Westly.	1 7 9 9 3 1 1 7	2 2 4 3 5 4 4 0, c, 0, cb, 0, c, bc.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			29.23
	17	W. WSW. WNW. C. Vble. NE. C.	1 1 3 1 3 8 7	3 5 4 5 7 o. c. bc. c. o.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		€ 55600000000	26.73
4	18	NWbW WNW N NbE NNW NNW NWWN.	1 1 1 5 2 4 2 2 1 1 2 2	2 2 1 1 2 7 2 1 1 2 2 1 be.cs.of.ofs.of.c.es.o.os.o.oq.cbq.	\$\frac{2}{9} \frac{1}{9} \frac{1}{9} \frac{1}{9} \frac{1}{9} \frac{1}{9} \frac{1}{9} \frac{1}{9} \frac{1}{9} \frac{1}{9} \frac{1}{1} \frac{1}{9} \frac{1}{9} \frac{1}{1} \frac{1}{9} \frac{1}{1} \frac{1}{9} \fr	27	16	20.35
ľ	19	NWbN. NNW. NWbN. NW. +. 8Wbs.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 1 2 2 14 2 b. be. c. be, b. be.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	22	17	19.04
	20	SSW. Sly. SEtoSW, SbW, S. SSW, SW.	1 1 1 2 1 1 1 8 1 1 4 1 1	6 1 1 4 8 2 2 c. bc. bf. bc. c. os. oqs.	$\begin{vmatrix} \frac{1}{2} & \frac{1}{2} & \frac{2}{2} & \frac{1}{2} & \frac{3}{2} & \frac{1}{2} & \frac{2}{2} & \frac{1}{2} & \frac{9}{2} & \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ + \frac{2}{2} & 0 & \frac{2}{2} & \frac{1}{2} & \frac{2}{2} & \frac{1}{2} & \frac{9}{2} & \frac{1}{2} & \frac{1}{2} & \frac{1}{2} & \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \end{vmatrix}$	27	100000000000000000000000000000000000000	22.92
0	21	WSW. SW. SbW. Sly. NNW. NbW.	$\frac{1}{5}, \frac{1}{4}, \frac{1}{5}, \frac{8}{4}, \frac{3}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{3}{3}, \frac{3}{2}, \frac{1}{1}, \frac{3}{3}, \frac{5}{5},$	16 8 oqs. os.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	32	2 Co. (4/25)	29.52
	22	Now. N. NW6N, NW. C. NNW.	$\frac{1}{5}, \frac{3}{4}, \frac{3}{5}, \frac{1}{4}, \frac{5}{3}, \frac{2}{1}, \frac{6}{9}, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \dots$	8 9 2 1 1 1 2 0. bc. c. b. bc. c. b.	$\begin{vmatrix} \frac{1}{2} & \frac{2}{2} & \frac{1}{19} & \frac{1}{18} & \frac{1}{17} & \frac{6}{16} & \frac{2}{18} & \frac{1}{17} & \frac{5}{16} & \frac{2}{17} & \frac{9}{18} & \frac{9}{17} & \frac{1}{18} & \frac{1}{17} & \frac{1}{16} & \frac{1}{17} & \frac{1}{18} & \frac{9}{17} & \frac{9}{18} & \frac{9}{18} & \frac{9}{17} & \frac{9}{18} $	21	16	17.25
	23	NW. WIY. NW. WNW. WIY. NbW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 2 4 2 6 4 4 o. c. cb. c. bc. b. bc.	+ 1 1 1 1 1 1 1 1 1 3 3 1 1 1 1 1 1 1 1	$\frac{1}{9}$ 19	9	16.23
	24	\$ 6 2 2 3 5 4 +. C. W. WSW. Vble. WSW. SW.	$\frac{1}{1.0.1} \frac{1}{1.0.1} \frac{5}{1.0.1} \frac{1}{1.2.3} \frac{2}{3.2.1} \frac{6}{2.1.2.1}$	16 3 1 3 1 b. bc. o. of. o.	$\begin{vmatrix} \frac{1}{8}, \frac{1}{7}, \frac{4}{6}, \frac{1}{9}, \frac{1}{13}, \frac{2}{12}, \frac{1}{13}, \frac{3}{14}, \frac{1}{142}, \frac{2}{14}, \frac{3}{15}, \frac{4}{16}, \end{vmatrix}$	16	8	12.15
1	25	C. SW. WSW. SE. ESE. Ebs. ESE.	$\begin{array}{c} 1 & 7 & 1 & 1 & 3 & 1 & 1 & 2 & 1 & 1 & 3 & 1 \\ \hline 0 & 1 & 2 & 1 & 2 & 1 & 2 & 1 & 3 & 4 & 6 & 6 & 4 \end{array}$	7 8 9 bc. o. os.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	23	40 Call Co. (2-1)	19.00
	26	NE. NNR. N. NbE. NNE. N. NE. Ebs.	$\frac{1}{4}, \frac{3}{5}, \frac{1}{6}, \frac{4}{7}, \frac{9}{6}, \frac{2}{4}, \frac{4}{2},$	2 1 2 4 1 7 1 6 os. cs. bd. os. od. qd. bc. dq.	$\left \begin{array}{c cccccccccccccccccccccccccccccccccc$	T. 17	(E. S.	11.61
	27	Ebs. NNE. Note. NNW. N.	$\frac{4}{2}$, $\frac{3}{3}$, $\frac{1}{2}$, $\frac{5}{3}$, $\frac{1}{4}$, $\frac{5}{3}$, $\frac{1}{4}$, $\frac{9}{3}$, $\frac{9}{7}$,	2 2 4 6 2 2 6 bc, b. bc. b. q. bc. b.	$\begin{vmatrix} \frac{9}{1} & \frac{1}{1} & \frac{1}{1} & \frac{1}{1} & \frac{1}{1} & \frac{3}{1} & \frac{1}{1} & \frac{9}{1} & \frac{9}{1} & \frac{1}{1} & \frac{1}{1} & \frac{1}{2} & \frac{9}{1} & \frac{1}{1} & \frac{1}{1} & \frac{1}{1} & \frac{9}{1} & \frac{1}{1} & $	17	1000	10.31
(28	N. Nob. NE. Ebn. ENE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5 1 12 6 be. o. od. os.	$\left \begin{array}{c cccccccccccccccccccccccccccccccccc$	25	7	13.44
	29	E. EbN. ESE. EbS. East.	$\frac{1}{3}$, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{2}$.	2 2 4 2 6 1 1 1 5 os. o. oh. o. os. o. e. bc. b.	$+\frac{1}{26}, \frac{3}{28}, \frac{10}{29}, \frac{1}{28}, \frac{1}{26}, \frac{1}{25}, \frac{2}{24}, \frac{1}{23}, \frac{1}{32}, \frac{3}{23}$	29		26.70
11	30	NE. NNE. North.	$\frac{3}{2}$, $\frac{9}{3}$, $\frac{14}{2}$, $\frac{5}{3}$.	e. bc. b. bc. of. bc. b. of. bf.	$\left \frac{1}{+23}, \frac{1}{224}, \frac{1}{22}, \frac{10}{21}, \frac{1}{22}, \frac{1}{20}, \frac{2}{18}, \frac{1}{17}, \frac{2}{16}, \frac{1}{18}, \frac{1}{17}, \frac{1}{16\frac{1}{2}}, \frac{1}{16} \right $	23	16	19.67
1	87 N.46	3.2 148 5. NbW.150. NNW.780. NWbN.88. NW.64, N	WbW.22. WNW.23. WbN.0.		tal. Highest, Lowest, and Mean Temperature +	36 4	6	+23.4
RAG	26 W.36	. WbS.o. WSW.38. SWbW.o. SW.53. SV	VbS.2. SSW.35. SbW.61.		wind variable.			
BST	S.82.		EbE.o. ESE.46. EbS.19.	South Easterly=101 34 do . North Easterly=105 $720 = 3$	Total force of the Wind			2441
	E.38	EbN.18. ENE.17. NEBE.0. NE.33. N	EbN.o. NNE.64. NbE.241.	North Easterly=105 720 = 3				Participal ser

	Days of Month,	Direction of Wind.	Force of Wind.	State of Weather.	OCTOBER, 1831. Temperature in Shade.	+		Mean.
	1	N. NW. WNW. C. NW. N. C.	1 2 1 4 9 3 4	4 1 12 3 2 2 bf. of. f. b. bf. f.	$+\frac{1}{15}$ °, $\frac{2}{14}$ °, $\frac{1}{13}$ °, $\frac{1}{14}$ °, $\frac{6}{11}$ °, $\frac{2}{12}$ °, $\frac{1}{13}$ °, $\frac{2}{12}$ °, $\frac{1}{10}$ °, $\frac{3}{7}$ °, $\frac{1}{6}$ °, $\frac{1}{10}$ °, $\frac{2}{12}$ °	15°	7°	11°.2
	2	d 5 3 6 4 1 1 C. S. C. SSW. S. C. +Vble.	$\frac{4}{0}, \frac{5}{1}, \frac{3}{0}, \frac{5}{2}, \frac{1}{3}, \frac{1}{2}, \frac{3}{1}, \frac{1}{0}, \frac{1}{1}$	2 2 4 4 10 2 b. o. f. os. of. ofs.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	29	13	22.21
	3	sw.w.sse.ssw.+vble.n.w.nnw.c.	$\frac{1}{5}, \frac{9}{6}, \frac{1}{2}, \frac{9}{1}, \frac{9}{0}, \frac{19}{1}, \frac{4}{0}.$	3 1 2 10 2 2 4 bq. o be, b. bc. o, bc.	$\left \begin{array}{c cccccccccccccccccccccccccccccccccc$	26	13	19.5
1	4	C. SE. SbW. SW. S.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	bc. c. bc. b. f. fg.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	20	14	16.4
9	5 6	8. SSW. SW. 8 Sly.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 1 7 1 2 10 oq. o. of. cf. c. b.	$ \begin{vmatrix} \frac{3}{20}, \frac{3}{19}, \frac{6}{20}, \frac{1}{13}, \frac{1}{17}, \frac{1}{16}, \frac{1}{15}, \frac{1}{13}, \frac{3}{12}, \frac{2}{10}, \frac{1}{9}, \frac{1}{8}, \\ \frac{2}{1}, \frac{3}{3}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{2}{1}, \frac{1}{1}, \frac{1}{1}, \frac{3}{12}, \frac{2}{10}, \frac{9}{9}, \frac{1}{8}, \\ \end{vmatrix} $	20	8	16.2 18.10
	7	SSE. SE. C. SSE. SW. C. N.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f. bc. f. c. o. of. 4 11 3 6	+8.10.114.13.16.17.19.22.224.23.24.234.234.23.22.20.19.	24 19	8 16±	18.08
	8	N. N.W. N.W. N.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	of. o. c. o.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	16	10-2	15.60
0	9	North. 4 8 4 8 N. NNW. N. NbW.	12 3 5 4	5 1 2 4 6 6	$ \begin{vmatrix} \frac{20}{10} & \frac{1}{15} & \frac{1}{14} & \frac{1}{13} & \frac{1}{12} \frac{1}{2} \\ \frac{1}{1} & \frac{2}{3} & \frac{2}{3} & \frac{2}{3} & \frac{1}{3} & \frac{5}{1} & \frac{1}{1} & \frac{2}{3} & \frac{3}{3} \end{vmatrix} $	13	8	10.9
	10	N. NNW. N. NOW.	14 6 4	0. c. o. g. e. b. 4 3 1 8 8	$\begin{vmatrix} \frac{1}{12}, \frac{2}{11}, \frac{3}{10}, \frac{2}{11}, \frac{3}{12}, \frac{1}{124}, \frac{5}{13}, \frac{1}{12}, \frac{1}{10}, \frac{2}{9}, \frac{3}{8}, \\ \frac{1}{8}, \frac{1}{7}, \frac{2}{6}, \frac{2}{5}, \frac{3}{4}, \frac{2}{5}, \frac{1}{54}, \frac{4}{6}, \frac{2}{5}, \frac{1}{44}, \frac{5}{5}, \end{vmatrix}$	8	4	5.3
	11	8 16 NbW. NNW.	3 1 4 5 8 3	1 2 1 4 4 3 5 2 2 0. 0s, o. of. o. of. of. of. o.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8	5	6.7
	12	NNW. ENE. +Vble, NNW.	6 2 3 3 4 1 2 1 1 1	4 4 5 3 2 1 5 of f. o. f. f. c. o.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	14	7	10.9
)	13	4 4 10 2 4 +. NNE. ESE. SSE. SE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 14 1 2 3 of. c. o. os. bc.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	18	9	13,1
	14	1 11 4 2 2 4 SE. SW. S. SSE. C. SSE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 5 3 4 4 4 b. f. f: c. f. o.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	22	13	18.4
1	15	SSE. C. S. SSW. Wly. 2. Wly.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 4 3 1 10 1 1 f. of. o c. o. g. b.	$\left + \frac{3}{14}, \frac{3}{14\frac{1}{2}}, \frac{1}{16}, \frac{1}{17}, \frac{1}{18}, \frac{9}{19}, \frac{1}{18}, \frac{5}{19}, \frac{1}{13\frac{1}{2}}, \frac{3}{18}, \frac{1}{16}, \frac{1}{12}, \frac{1}{10}, \right $	19	10	16.5
1	16	85W. 8. 8. 85W. WSW. C.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	b. o. of. o. os. o. f.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	22	8	17.6
	17	WSW. S. SEbS. SSE. SEbS.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 4 1 7 1 1 3 o. of. o. os. bc. o. os.	$\left + \frac{5}{22}, \frac{14}{23}, \frac{1}{22}, \frac{1}{23}, \frac{3}{24}, \right $	24		22.9
	18	SE. E.WSW. SSE. WSW. NNW. ESE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10 7 6 1 cs. o. os. o.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	26	Section Control	25.09
	19 20	C. SSE. S. SSW. W. SSW. +Vble.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 12 5 4 2 0. os. be. o. o.	$+\frac{1}{2}46. \frac{0}{24}. \frac{2}{25}. \frac{1}{2}46. \frac{1}{23}. \frac{2}{21}. \frac{2}{22}. \frac{4}{226}.$	25 22		23.3 10.6
	21	W. NE. NbW. NNW. N.	$1.\overline{2}.\overline{4}.\overline{5}.\overline{4}.\overline{5}.\overline{7}.\overline{4}.\overline{3}.$	0. cs. od. cd. qd. od. o.	$+\frac{2}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{15}, \frac{1}{13}, \frac{1}{10}, \frac{1}{9}, \frac{1}{7}, \frac{1}{6}, \frac{1}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{1}{0}, -\frac{2}{2},$	-2	-2 6	-3.8
	22	North. NbW.	4.5.4.2.3.4.5.4.3.4.	1 8 6 4 2 0. g. gd. g. bc. 2 2 8 4 2 1 1 2 1 1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6	14	9.1
D	23	Nbw. c. Nly. c. ESE. E. c. NNW. 6 S. SSW. Sly. +Vble. S. +Vble. C.North	4.3.4.0.1.0.1.0.1.2.1. 2 2 5 1 1 6 1 1 2 1 1 1	bc. 4f. b. bc. b. c. o. b. bc. o. 3 3 1 1 10 2 4	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	+2	8	3.60
"	24	S. SSW. Sly. + Vble. S. + Vble. C. North	1.2.1.5.2.1.0.3.1.2.3.4 6 1 1 4 4 1 1 2 1 1 2	0. c. 0. os. bc. o. q. 6 2 4 4 2 3 1 2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-9	23	17.40
	25	Now. Nw. Now.	8 9 7	1q bc, c, cb, b, bd, cd, osd, bd, osd, od, bd,	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	+31	20	7.8
	26	N. NNW. SE. ESE. E. NE. N.	10.11.10.	3 1 4 4 7 1 1 1 2	$\begin{bmatrix} -2 & 0 & 18 & 17 & 14 & 11 & 9 & 7 & 6 & 5 & 4 & 3 & 0 & +2 & 35 & 3 \\ 1 & 2 & 1 & 1 & 5 & 1 & 1 & 1 & 1 & 1 & 1 & 1$	16	0	+6.48
C	27	N. NNE. N. NE.	6 1 1 4 2 1 2 2 1 1 1 2 2 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5	1121114332113 b.c.o.os.bs.b.g.o.q.b.oc.os.b	$\begin{bmatrix} \frac{1}{1} & \frac{1}{1} & \frac{1}{2} & \frac{1}{1} & \frac{1}{2} & $	21	5	-1.23
	28	NNE. North.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 2 4 5 5 6 b. bc. b. bd. bg.bd.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8	0	+3.70
	29	North.	$ \begin{array}{c} 2 & 3 & 6 & 3 & 1 & 1 & 3 & 1 & 1 & 1 & 1 \\ 6 & 7 & 8 & 7 & 8 & 7 & 6 & 8 & 6 & 4 & 3 & 2 \\ \end{array} $	18 1 2 3 bd. b. bd. b.	$\begin{bmatrix} \frac{1}{0}, \frac{1}{1}, \frac{7}{2}, \frac{1}{1}, \frac{2}{0}, \frac{4}{1}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{1}, \frac{2}{0}, \frac{1}{1}, \\ \frac{1}{0}, \frac{1}{1}, \frac{7}{0}, \frac{1}{1}, \frac{2}{0}, \frac{4}{1}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{2}{1}, \frac{1}{0}, \frac{2}{1}, \\ \frac{1}{0}, \frac{1}{1}, \frac{1}{0}, \frac{1}{1}, \frac{2}{0}, \frac{4}{1}, \frac{1}{0}, \frac{2}{1}, \frac{1}{0}, \frac{2}{1}, \frac{1}{0}, \frac{2}{1}, \frac{2}{0}, \frac{4}{1}, \frac{2}{0}, \frac{4}{1}, \frac{2}{0}, \frac{4}{1}, \frac{2}{0}, \frac{4}{1}, \frac{2}{0}, \frac{4}{1}, \frac{2}{0}, \frac{4}{1}, \frac{4}{0}, \frac{4}$	0	$-2\frac{1}{2}$	-1.2
0	30	NNW. Ely. S. Wly. SE. E. SW.	$\frac{21}{1}, \frac{1}{2}, \frac{2}{3},$	9 <u>4</u> b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	-2	11	5.2
	31	s. sse. sw. e. se. s.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	18 1 1 1 2 1 b. o. os. of. of: os.	$\begin{bmatrix} \frac{2}{8}, \frac{1}{10.11}, \frac{1}{11.10}, \frac{1}{10}, \frac{2}{9.8}, \frac{1}{5.4}, \frac{1}{2.0.}, \frac{1}{2.6}, \frac{1}{8.12.14}, \frac{1}{14}, \frac{1}{14}, \frac{1}{15.17}. \end{bmatrix}$	+17	$ 11\frac{1}{2}$	+1.18
		144 98 83 0 N.526.NbW.545.NNW.306.NWbN.0.	NW . NW W . W SW . W	North Westerly 334		~		0.0
	(AC)	W.41. WbS.0. WSW.26. SWbW.0.	35 SW.70. SWbS.0. SSW.70. Sb	Court Western 117	Total. Highest, Lowest, and Mean Temperature 4 do. wind variable.	+21	1-23	+8.3
	LBSTRA	76 0 28 10 S.126 SbE.0. SSE.31. SEbS.21.	22 0 16 SE.46. SEbE.0. ESB.22. Eb	Couth Protonly 150	56 do. calm. Total force of the Wind			204
1	7	The state of the s	11 0 18 0 NE.3e. NEbN.e. NNE.6e Nb	Month Dantonley Co	744 =31 days. Total force of the Wind	•	e brieds	201

Days of Month.	Direction of Wind.	Force of Wind.	State of Weather.	NOVEMBER, 1831. Temperature in Shade.	+	— Mean
1 2 3	SbE. C. S. 4. E. SSE. ENE. N. C. N. NW. N. NbW.	$ \frac{1}{1}, \frac{4}{2}, \frac{2}{3}, \frac{3}{2}, \frac{1}{1}, \frac{1}{2}, \frac{8}{3}, \frac{4}{1}, \\ \frac{4}{2}, \frac{4}{0}, \frac{1}{1}, \frac{1}{3}, \frac{1}{2}, \frac{5}{3}, \\ \frac{1}{0}, \frac{1}{3}, \frac{2}{4}, \frac{2}{5}, \frac{4}{4}, \frac{5}{5}, \frac{7}{6}, \frac{1}{3}, \frac{1}{2}, \\ 6 3 1 6 2 6 $	1 17 2 4 os. o. of. o. 4 4 12 3 1 o. b. bc. b. o. 1 2 1 2 4 2 6 2 1 3 o.b. o. os o. os. od. os. osd. os. 7 5 1 1 2 1 1 1 5	$\begin{array}{c} +\frac{1}{1}\frac{6}{6},\frac{2}{17},\frac{4}{18},\frac{1}{17}\frac{1}{6},\frac{1}{17},\frac{1}{18},\frac{2}{19},\frac{1}{19},\frac{1}{19},\frac{1}{19},\frac{1}{17},\frac{1}{18},\frac{5}{16},\frac{2}{16},\frac{1}{15},\frac{1}{14}\frac{1}{8} \\ +\frac{2}{14},\frac{1}{13},\frac{1}{12},\frac{1}{10},\frac{1}{5},\frac{1}{3},\frac{1}{0},\frac{2}{5},\frac{1}{4},\frac{4}{5},\frac{4}{4},\frac{1}{6},\frac{2}{5},\frac{1}{6},\frac{1}{4},\frac{1}{24},\frac{1}{6},\\ +\frac{1}{6},\frac{3}{4},\frac{2}{10},\frac{1}{9},\frac{1}{8},\frac{1}{7},\frac{1}{6},\frac{1}{5},\frac{3}{4},\frac{1}{6},\frac{1}{8},\frac{1}{9},\frac{2}{10},\frac{1}{11},\frac{3}{12},\frac{1}{13},\\ &\frac{5}{1},\frac{1}{1}$	20° 14 13 13±	$egin{array}{c cccc} 4_b & 17^{\circ}.1 \\ 0 & 6.1 \\ 4 & 7.8 \\ -2 & 8.0 \\ \end{array}$
⊕ 6 7 8	North. North. North. NNW. NNW. W. C. SE. E. C. NW. C. C. SE. C. SE. S. WSW. SE. Ebs. SW. SW. Wto S. E. WSW. Ey. S. SW. C. NE. N.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	os.od.os.o.os.ed. bd.qd.bd. 4 1 3 1 1 4 6 bd. ed. od. bd. c. o. os. o. 1 23 0. b. 20 4 b. o. 4 3 1 9 7 od. oqd. bc. c. o.	$\begin{array}{c} +13. \ 12 \frac{1}{5}. \ 11. \ 9 \frac{1}{5}. \ \overline{10}. \ \overline{11}. \ \overline{10}. \ 9. \ \overline{8}. \ 7 \frac{1}{5}. \ \overline{6}. \ \overline{5}. \ \overline{4}. \ \overline{1}\overline{1}. \ \overline{2}. \ \overline{1}. \\ -\frac{2}{1}. \ \frac{1}{1} \frac{1}{5}. \ \frac{1}{2}\frac{1}{1}. \ \frac{3}{5}. \ \frac{3}{5}. \ \frac{3}{5}. \ \frac{1}{2}. \ \frac{3}{5}. \ \frac{3}{2}. \ \frac{2}{1}. \\ -\frac{1}{1}. \ \frac{1}{5}. \ \frac{1}{5}. \ \frac{3}{5}. \ \frac{1}{5}. \ \frac{3}{10}. \ \frac{2}{5}. \ \frac{1}{2}\frac{1}{0} \frac{1}{5}. \\ -\frac{1}{2}. \ \frac{1}{3}. \ \frac{1}{6}. \ \frac{3}{8}. \ \frac{2}{9}. \ 10. \ \frac{1}{17}. \ \frac{1}{10}. \ \frac{2}{9}. \ \frac{1}{12}. \ \frac{1}{13}. \ \frac{1}{14}. \ \frac{1}{15}. \ \frac{3}{16}. \ \frac{1}{14} \frac{4}{5}. \\ -\frac{4}{17}. \ \frac{3}{18}. \ \frac{1}{19}. \ \frac{1}{18}. \ \frac{1}{13}. \ \frac{1}{13}. \ \frac{1}{13}. \ \frac{2}{13}. \ \frac{3}{11}. \ \frac{1}{3}. \ \frac{1}{10}. \ \frac{1}{9}. \ \frac{1}{4}. \ \frac{1}{3}. \\ -\frac{2}{3}. \ \frac{1}{2}. \ \frac{1}{10}. \ \frac{2}{3}. \ \frac{1}{5}. \ \frac{1}{5}. \ \frac{1}{5}. \ \frac{1}{9}. \ \frac{1}{10}. \ \frac{2}{8}. \ \frac{1}{7} \frac{1}{6}. \end{array}$	3 -2 3 +10	2 0.8 7 -11.6 9 13.4 3 + 6.3
9 10 11 12	C. SSW. SW. W. SSW. S. S. SE. C. W. SBE. SSE. SE. SSE. SE. S. SSE. SSE. C. W. W. SW. C. SE. C. SSE. C. W. W. N. W. SW. C. SE. C.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 6 6 2 1 1 2 2 0 of. o. os. os	$\begin{array}{c} +\frac{4}{6},\frac{3}{9},\frac{2}{6},\frac{1}{8},\frac{1}{9},\frac{1}{10},\frac{1}{10},\frac{1}{12},\frac{3}{13},\frac{1}{14},\frac{1}{14},\frac{1}{15},\frac{2}{15},\frac{2}{15},\\ +\frac{5}{15},\frac{1}{14},\frac{3}{14},\frac{2}{15},\frac{3}{16},\frac{1}{15},\frac{1}{12},\frac{2}{12},\frac{2}{12},\frac{2}{16},\frac{1}{15},\frac{1}{16},\frac{2}{17},\\ +\frac{1}{17},\frac{1}{17},\frac{6}{15},\frac{2}{17},\frac{1}{18},\frac{2}{17},\frac{1}{16},\frac{2}{15},\frac{2}{15},\frac{1}{15},\frac{1}{15},\frac{2}{16},\frac{1}{15},\frac{1}{14},\frac{1}{13},\\ +\frac{1}{13},\frac{1}{14},\frac{1}{12},\frac{1}{12},\frac{1}{16},\frac{1}{15},\frac{1}{15},\frac{1}{15},\frac{1}{15},\frac{1}{15},\frac{1}{16},\frac{1}{15},\frac{1}{14},\frac{1}{13},\\ +\frac{1}{13},\frac{1}{14},\frac{1}{12},\frac{1}{12},\frac{1}{16},\frac{1}{13},\frac{1}{12},\frac{1}{11},\frac{1}{11},\frac{1}{10},-\frac{1}{15},\frac{1}{2},\frac{1}{1},\frac{1}{0},+\frac{1}{2},\frac{1}{3},\frac{1}{4},\frac{1}{5},\frac{1}{6},\frac{1}{6},\frac{3}{4},\frac{3}{7},\\ \frac{5}{1},\frac{1}{1},$	17 18 14 ¹ / ₂	8 11.2 2 14.9 3 16.5 -2 4.4 6 8.5
 ⊕ 13 14 15 16 17 	C. SE. C. 7. Ny. C. S. SSE. S. SSE. S. N. C. S. SSE. C. WSW. C. SSE. SE. C. NW. C. SE. C. WSW. C. NW. C. NW. C. NW. SSE. S. SE. S. C. SEW.	$\begin{array}{c} \overline{0}, \overline{1}, \overline{2}, \overline{0}, \overline{1}, \overline{0}, \overline{1}, \overline{2}, \\ \underline{6}, \underline{4}, \underline{4}, \underline{2}, \underline{3}, \underline{1}, \underline{2}, \underline{1}, \underline{1}, \underline{2}, \\ \overline{2}, \overline{1}, \underline{2}, \overline{1}, \overline{0}, \overline{1}, \overline{2}, \underline{0}, \underline{2}, \\ \overline{5}, \underline{4}, \underline{2}, \underline{1}, \overline{0}, \overline{1}, \overline{0}, \\ \overline{1}, \overline{0}, \overline{1}, \overline{0}, \overline{1}, \overline{0}, \\ \underline{1}, \overline{1}, \underline{8}, \underline{2}, \underline{3}, \overline{3}, \\ \overline{0}, \overline{1}, \overline{2}, \underline{4}, \underline{3}, \underline{3}, \underline{2}, \underline{1}, \underline{1}, \underline{1}, \\ \underline{6}, \overline{1}, \overline{2}, \overline{4}, \overline{2}, \overline{1}, \overline{0}, \overline{1}, \overline{4}, \end{array}$	0, c, cs, c, os, of, o, 3 1 5 2 1 2 4 4 2 0, c, 0, os, o, c, c, ch, o, bc, 1 5 2 8 8 bc, o, bg, bc, b, 11 1 3 1 1 4 2 1 c, f, e, f, bf, o, os, o, 1 1 2 4 0 0, os, o, 0	$\begin{array}{c} +7, \ \overline{6}, \ \overline{7}, \ \overline{6}, \ \overline{6}_{3}, \ \overline{8}, \ \overline{10}, \ \overline{10}_{5}, \ \overline{10}, \ \overline{9}_{8}, \ \overline{9}, \ \overline{9}_{8}, \ \overline{10}, \ \overline{9}_{8}, \\ \hline \frac{1}{9}, \ \frac{1}{8}, \ \frac{1}{1}, \ \frac{1}{6}, \ \frac{1}{6}, \ \frac{1}{7}, \ \frac{1}{6}, \ \frac{1}{7}, \ \frac{1}{6}, \ \frac{1}{7}, \ \frac{1}{6}, \ \frac{1}{7}, \ \frac{1}{6}, \ \frac{1}{4}, \ \frac{1}{1}, \ \frac{1}{1}, \ \frac{1}{1}, \ \frac{1}{1}, \ \frac{1}{1}, \ \frac{1}{3}, \ \frac{1}{1}, \ \frac{1}{3}, \ \frac{1}{1}, \ \frac{1}{3}, \ \frac{1}{1}, \ $	9 0 0 +19	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
18 19 20 21 21 22	SSE. S. SSE. 4. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	\$\frac{4}{3}, \frac{3}{2}, \frac{2}{3}, \frac{3}{3}, \frac{3}{6}, \frac{1}{6}, \fra	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c cccc} 8 & 13.6 \\ 3 & 12.9 \\ 0 & 4.5 \\ 7\frac{1}{2} & 0.9 \\ 5 & 9.0 \end{array}$
23 24 25 26	North. Calm. North. North. Calm. North. N. C. NW. C. NW. E. C. E. C. 8E. C. C. NW. SE. North. Nbw. + N. C. NW. Nbw.	$\begin{array}{c} \frac{6}{6}, \frac{1}{4}, \frac{0}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{4}, \frac{1}{2}, \frac{1}{1}, \\ \frac{2}{1}, \frac{3}{0}, \frac{3}{1}, \frac{2}{0}, \frac{1}{1}, \frac{1}{2}, \frac{2}{1}, \frac{1}{0}, \frac{1}{1}, \frac{3}{0}, \frac{1}{2}, \frac{4}{0}, \\ \frac{2}{1}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{2}{2}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{2}, \frac{1}{1}, \\ \frac{2}{1}, \frac{1}{3}, \frac{2}{3}, \frac{1}{6}, \frac{3}{6}, \frac{4}{3}, \frac{3}{6}, \frac{4}{3}, \frac{3}{3}, \frac{4}{3}, \frac{2}{3}, \frac{1}{1}, \frac{1}{2}, \frac{1}{1}, \frac{1}{1}, \frac{1}{2}, \frac{1}{1}, \frac{1}{1}, \frac{1}{2}, \frac{1}{1}, \frac{1}{2},	5 2 2 3 10 cd. od. g. c. g. b. 23 1 b. bc. 4 3 1 1 3 12 c. bc. c. cs. os. b. 1 1 8 3 3 2 1 b. bc, b bc. b. c. b. 5 2 2 2 3 2 1 1 3 1	$\begin{array}{c} \begin{array}{c} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 $	-9 0 11	-8 2.2 8 -13.7 5 6.6 20 15.4 24 20.1
⊕ 27 28 29 30	Now. Now. Now. Now. Now. Now. Now. Now.	$\begin{array}{c} \frac{1}{3}, \frac{1}{6}, \frac{2}{4}, \frac{1}{5}, \frac{2}{6}, \frac{3}{5}, \frac{4}{4}, \frac{1}{2}, \frac{3}{2}, \frac{3}{3}, \frac{4}{4}, \frac{1}{3}, \\ \frac{9}{2}, \frac{4}{1}, \frac{8}{0}, \frac{3}{1}, \\ \frac{4}{0}, \frac{1}{3}, \frac{1}{4}, \frac{3}{3}, \frac{5}{2}, \frac{3}{1}, \frac{1}{2}, \frac{2}{1}, \frac{3}{0}, \frac{1}{1}, \\ \frac{2}{1}, \frac{1}{0}, \frac{1}{1}, \frac{1}{2}, \frac{3}{1}, \frac{3}{0}, \end{array}$	0.0d. 0. c.bc. c. b. c. 0. c. 0. 2 2 4 12 4 0. b. bc. bf. b. 24 b. 2 5 b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	22 26	30 25.3 32½ 29.2 12 38.1
ABSTRACE.	\$.134. SbE.42. SSE 123. SEbS.3.	NW.53. NWbW.0. WNW.5. WbN.0. SW.13. SWbS.0. SSW.73. SbW.5. SEL140. SEBE.0. ESE.4. E5S.2.	South Easterly -248	Total. 15 do. wind variable. 15 do. calm. Total force of the Wind	re + 20	-42-1.2 . 144

T	Days of Month		Force of Wind.	State of Weather.	DECEMBER, 1891. Temperature in Shade.	+	-	Mean.
* 6	1 2 3 4	C. +. SR. C. Sly. NW. Calm. NW. N. C. SR. +. NW. Sly. North. North. NNW. NbW. NNW. NbW.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	24 b. 22 2 b. bd. 12 4 8 bd. cd. bd. 1 8 7 8 bd. od. cd. bd.	$-\frac{6}{42}, \frac{3}{41}, \frac{2}{42}, \frac{2}{41}, \frac{3}{41}, \frac{2}{41}, \frac{3}{41}, \frac{2}{40}, \frac{1}{41}, \frac{1}{40}, \frac{2}{41}, \frac{1}{40}, \frac{2}{41}, \frac{1}{40}, \frac{2}{40}, \frac{1}{40}, \frac{1}{40}, \frac{2}{40}, \frac{1}{40}, 1$	23 13 8	40 22 12	41°.40 37.69 17.13 8.52
	5 6 7	NNW. N. NNW. + NW. E. NNW. NNE. N. NW. 5W. 5. E. S. 55E. S. SE, SE, Ely. C.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	bd. od. cd. ud. 2 4 2 6 2 4 1 1 2 bd.bcd.od.cd.cd.b. os.o.g. 1 18 1 4 bcd, b. bc. b. 8 4 4 1 7 b. c. os. o. b.	$\begin{array}{c} -1 & 2 & 1 & 0 & 9 & 9 & 8 & 8 & 8 & 8 & 8 & 8 & 8 & 8$	6 8 13	24	7.10 18.29 17.90 13.81
e	8 9 10 11 12	N NW, N. NAW. NNW. NW. N. E. N. North. NNW. North. NNW. 12 8 1 3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 2 4 3 1 8 4 bc.bcs.bd.qc.bqc o.od. 2 2 2 2 4 5 7 o.od. osd.od.cd. bc. b. 14 1 1 8 b. bc. os. b. 16 8 bd. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12 10 14 22 22	$\frac{22\frac{1}{2}}{25}$	11.60 18.04 23.60 24.44
	13 14 15 16	North. NNW. N. East. 4 4 8 2 2 1 1 NEIV. C. E. C. E. + SE. N. North. NNW. North. North. NNW. NNW. N. NNW. NNW. N. NNW.	$\begin{array}{c} \frac{1}{6}, \frac{4}{4}, \frac{3}{5}, \frac{5}{6}, \frac{1}{5}, \frac{1}{6}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{5}{1}, \\ \frac{4}{1}, \frac{4}{9}, \frac{2}{1}, \frac{2}{2}, \frac{2}{1}, \frac{2}{2}, \frac{2}{0}, \frac{4}{1}, \frac{1}{2}, \frac{1}{3}, \\ \frac{1}{4}, \frac{2}{5}, \frac{1}{6}, \frac{1}{5}, \frac{1}{8}, \frac{1}{5}, \frac{1}{8}, \frac{2}{7}, \frac{1}{6}, \\ \frac{1}{6}, \frac{1}{5}, \frac{2}{6}, \frac{7}{7}, \frac{3}{8}, \frac{4}{9}, \frac{1}{1}, \frac{1}{1}, \frac{2}{8}, \\ \frac{1}{6}, \frac{1}{5}, \frac{2}{6}, \frac{7}{7}, \frac{3}{8}, \frac{4}{9}, \frac{1}{10}, \frac{1}{9}, \frac{2}{8}, \frac{2}{7}, \frac{3}{8}, \\ \frac{1}{1}, \frac{3}{3}, \frac{4}{1}, \frac{1}{1}, \frac{6}{2}, \frac{2}{3}, \frac{3}{2}, \frac{1}{1} \end{array}$	24 b. 13 3 8 b. bc. bc. bc. bc. bc. bc. bc. bc. b. 4 4 8 4 5 b. bd. od. bd. b. 13 2 5 4 b. bc. od.osq.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	25 18 6 2	32 29 18 8	28.83 21.17 10.19 5.00
6	17 18 19 20	NW. N.W. NW. WSW. C. NW. N.W. N. +. SE. Ely. C. SE. C. C. N. NNW. C. C. SE. NW. SE. S. SE. E. N.W. NW.	$ \begin{bmatrix} 8 & 7 & 6 & 5 & 7 & 8 & 4 & 3 & 5 & 4 \\ \frac{4}{1} & \frac{9}{2} & \frac{3}{1} & \frac{7}{0} & \frac{1}{1} \\ \frac{1}{2} & \frac{1}{3} & \frac{1}{2} & \frac{1}{1} & \frac{4}{0} & \frac{3}{1} & \frac{1}{0} \\ \frac{4}{0} & \frac{3}{2} & \frac{1}{4} & \frac{1}{3} & \frac{5}{4} & \frac{6}{5} & \frac{9}{2} & \frac{2}{0} \\ \frac{9}{0} & \frac{1}{2} & \frac{1}{1} & \frac{1}{4} & \frac{1}{6} & \frac{2}{8} & \frac{2}{10} \\ 0 & \frac{9}{2} & \frac{1}{1} & \frac{1}{4} & \frac{1}{6} & \frac{3}{8} & \frac{1}{10} \\ \end{bmatrix} $	b. bc. od. osq. 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7 22 28 8	$35\frac{1}{2}$ 36 35	15.48 28.40 30.31 25.77
	21 22 23 24	C. T. SE. C. B. Cana.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1b 8 bcd b. 24 b. 24 b. 1 2 12 8 b. tc. c. bc. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 26 35½ 20	39 $39\frac{1}{2}$ $34\frac{1}{2}$	12.65 33.33 36.81 25.61 20.46
	 ₱ 25 26 27 28 29 	SE. C. SE. + SE. C. C. SIV. + SEE. C. SE. C.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 2 6 2 10 bc. os. c. c. b. 24 b. 24 b. 24 b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	31 36 36 36 30	37 39 37 ¹ / ₂ 38	35.60 37.54 36.90 34.85
	30 31	C. SSE, 4. Calm. 5. 3. 4. 4. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.		14 1 1 1 1 2 4 4 b. os. b. bc. b. o. b.	Total. Highest Lowest and Mean Temperature	27 27 -2	39	31.79 32.5 -23.96
	ABSTRA	S.48. SbE.0. SSE.14. SEbS.	o. SE.61. SEBE.0. ESE.4. E	o South Westerly - bW.0. O South Easterly - bS.0. O North Easterly - bB.0.	152 do. calm. Total force of the Wind	•		2277

	7. 算	METEOROLOGICAL (OBSERVATIONS OF THE V	CICTORY DISCOVER	RY SHIP, TAKEN ON THE ICE, AND REGISTERED HO	OURI	Y.	
	of onth.	Direction of Wind.	Force of Wind,	State of Weather.	JANUARY, 1832. Temperature in Shade.	+	-	Mean.
⊕	1	\$. W. NW. NbW. Calm.	$\frac{4}{1}, \frac{1}{2}, \frac{9}{3}, \frac{4}{4}, \frac{9}{5}, \frac{1}{2}, \frac{9}{3}, \frac{9}{2}, \frac{6}{0}.$	1 3 2 2 5 11 c. b. bc. bd. cd. b.	$-\frac{1}{264}, \frac{2}{26}, \frac{3}{26}, \frac{3}{264}, \frac{3}{27}, \frac{1}{26}, \frac{1}{28}, \frac{2}{29}, \frac{2}{294}, \frac{1}{30}, \frac{2}{29}, \frac{3}{34}, \frac{1}{334}, \frac{1}{36}, \frac{3}{37}, \frac{3}{34}, \frac{3}{34}, \frac{3}{34}, \frac{3}{34}, \frac{3}{36}, \frac{3}{37}, \frac{3}{34},		State of the last	30°.31
	2 3	Wly. S. C. SSE. SSW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 2 3 4 b. bc. os. bcqd. 2 3 3 8 2 6 bcqd. b. os. od. bc, b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	25		32.52 27.02
3	4	SSW. Calm. NNE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	beqd. b. os. od. be, b. 9 7 7 1 b. bc. b. bc.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	36	40	38.95
	5	8 14 2 NbW. NNW. Calm.	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	6 18 bd. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	36	111000000000000000000000000000000000000	36.92 44.90
	7	6. 1 4 2 3 3 6 C. C. +. WNW. + SEDE. C. C. NbW. NNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 2 2 1 3 8 b. bc. b. qf. g. b. 6 2 4 12 b. bg. g. b.	1 2 3 4 1 3 1 1 2 2 2 2 2	33	18/95/2004	36.19
D	8	C. N. N. N. N. C. C. S. N. N. C.	$ \begin{vmatrix} 0 & 1 & 5 & 3 & 4 & 5 & 6 & 5 & 4 & 5 & 6 & 3 \\ \frac{4}{0} & \frac{3}{1} & \frac{4}{0} & \frac{2}{1} & \frac{1}{2} & \frac{1}{3} & \frac{1}{2} & \frac{1}{1} & \frac{2}{2} & \frac{2}{1} & \frac{3}{0} \\ \end{vmatrix} $	6. bg. g. b. 24 b.	-46.43.364.36.354.35.354.35.354.34.334.334.334.334.33	34	448	41.75
11,	9	Ely. C. NE. C. N. C. NE. C.	1 1 0 1 1 0 1 1 0 1 2 1 2 1	24 b. 20 2 2	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	42	1 300500	44.92 43.15
$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$	800000	12 4 8 Calm. +. Calm. 7 1 4 12 S. C. SE. SSE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	b. g. bg. 6 1 17 b. qs. os.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	15	100000000000000000000000000000000000000	24.5
1	2	12 6 2 4 S. SE. C. NNW.	$ \begin{vmatrix} 2 & 1 & 0 & 2 & 3 & 4 & 5 & 6 & 5 \\ \frac{2}{6} & \frac{1}{3} & \frac{1}{6} & \frac{2}{5} & \frac{2}{4} & \frac{3}{3} & \frac{5}{2} & \frac{2}{1} & \frac{3}{0} & \frac{1}{2} & \frac{1}{1} \\ \end{vmatrix} $	6 13 1 3 1 osd. os. o. os. o.	$\begin{bmatrix} -3 & 8 & 3 & 7 & 7 & 35 & 35 & 34 & 32 & 315 & 26 & 25 & 24 & 22 & 26 & 18 & 16 & 16 \\ 1 & 1 & 5 & 1 & 4 & 1 & 35 & 15 & 12 & 13 & 12 & 12 & 13 & 12 & 16 & 16 & 16 & 16 & 16 & 16 & 16$	12	16	13.02
I I	79509131	Now. NNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24 0s. 24	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	12 25	MARKET BEST	17.19 26.71
⊕ 1 ⊕ 1		NNW. NW. +. NNW.C. SE.	4. 5. 6. 7. 8. 7. 8. 9. 10. 9. 10. 6. 2. 1. 1. 1. 1. 3. 2. 4. 1. 1.	od. 4 5 6 9 cd. bd. cd. b.	-26. 25t. 26, 27, 26, 27, 27t. 27t. 28. 30. 4 1 3 1 2 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1	27	W C 55/25/03/9	28.38
1	C00-0-78	s. SSE. Sly. SSW. SE. Sly.	2 2 12 8 3. 4. 3. 1.	12 6 1 1 2 2 bc. o. bc. o. bc. cg.	$\begin{bmatrix} 2 & 3 & 2 & 3 & 2 & 2 & 3 & 2 & 3 & 2 & 7 & 2 & 3 & 3 & 0 & 2 & 3 & 2 & 2 & 2 & 3 & 0 & 3 & 0 & 2 & 2 & 2 & 2 & 1 & 1 & 1 & 1 & 1 & 2 & 1 & 2 & 1 & 1$	18	Mark Street	23.78
		SSE. SE, N. NNW. N. NNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7 1 4 7 1 4 c. o. oc. os. oc. o. 2 2 15 1 4	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	8	BURNES MI	10.08
1	COLUMB CO.	NNW. + NNW. C. SE. S.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	g.o, c, bc. c. 4 1 1 2 1 1 1 3 2 3 1 4 cq.bc.o.os.o,bc.q.os.cd.bcd.b.bc.	-8. 10. 8, 10. 11. 10. 11. 12. 132. 13. 12.	14		21.15
20	200	SE. N. C. SE. E. N. NNW.	$\frac{4}{4 \cdot 3 \cdot 0 \cdot 2 \cdot 1} \cdot \frac{1}{2 \cdot 3 \cdot 4} \cdot \frac{1}{1 \cdot 2} \cdot \frac{1}{3 \cdot 4} \cdot \frac{1}{6 \cdot 7} \cdot \frac{2}{6 \cdot 7} \cdot \frac{1}{5} \cdot \frac{1}{3 \cdot 1} \cdot \frac{1}{1}$	3 2 2 1 1 11 4 cq. os. c. o. c. cd. c.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10	THE RESIDENCE OF	18.19
⊕ 2 ⊕ 25	20000	N.C.SIY. NNW. SIY. EtoS. N. NNW.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	b. o. os. od. obq.	$\begin{bmatrix} -\frac{1}{2}, \frac{1}{2}, \frac{2}{3}, \frac{2}{24}, \frac{6}{25}, \frac{1}{254}, \frac{5}{25}, \frac{3}{26}, \frac{1}{254}, \frac{3}{27}, \frac{1}{23}, \\ 1 & 1 & 2 & 2 & 2 & 1 & 1 & 1 & 3 & 2 & 2 & 1 & 1 & 1 & 1 \end{bmatrix}$	22 27		25.13 32.87
2	ORDICAL SERVICE	North. NNW.	9. 10. 9. 10. 0. 3. 7. 8. 9. 8. 10 1 5 8 0 3 7 8	od. bd. 1 1 6 12 4 bed. bd. od. cd. bd.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	26		30.63
2	85565	North.	$\frac{6}{9}, \frac{2}{8}, \frac{2}{9}, \frac{1}{10}, \frac{1}{9}, \frac{2}{8}, \frac{2}{7}, \frac{2}{8}, \frac{4}{9}, \frac{2}{10}.$	24 bd.	$-\frac{1}{32}, \frac{1}{31}, \frac{1}{31}, \frac{4}{31}, \frac{2}{30}, \frac{3}{31}, \frac{2}{30}, \frac{1}{29}, \frac{2}{28}, \frac{1}{27}, \frac{2}{24}, \frac{1}{24}, \frac{2}{24}, \frac{2}{28}, \frac{3}{21}.$	21		27.52
20	0	N. NNW. N. N. NNW. + W. SW. SSW. SW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 16 4 bd. od. bd. 14 6 1 3	$\begin{bmatrix} \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{2}{2}, \frac{2}{1}, \frac{1}{19}, \frac{1}{17}, \frac{1}{18}, \frac{1}{19}, \frac{3}{13}, \frac{1}{19}, \frac{8}{20}, \frac{1}{18}, \\ \frac{2}{2}, \frac{2}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{3}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{3}, \frac{1}{3}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{3}, \frac{1}{3}, \frac{1}{1}, \frac{1}, \frac{1}{1}, \frac$	17		19.31 24.38
2	7	8 4 2 3 1 2 1 3 SSE. SSW. SW. C. S. C.W. NNW	$\begin{bmatrix} 7.6.5.4.3.2.1.3.4.5.6.3.4.6.5. \\ \frac{4}{5} \frac{1}{3} \frac{1}{7} \frac{1}{6} \frac{1}{7} \frac{1}{5} \frac{1}{4} \frac{1}{5} \frac{1}{4} \frac{1}{2} \frac{1}{1} \frac{1}{0} \frac{1}{1} \frac{3}{6} \frac{2}{3} \frac{1}{3} \frac{1}{4} \end{bmatrix}$	b. c. o. cg. 4 4 1 2 2 2 4 5 bc. os. o. os. o. c. bc. b.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	18	25	21.73
20		NNW. NW. NWbN. NNW.	$\frac{7}{5}, \frac{3}{4}, \frac{1}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{4}, \frac{10}{5},$	94 b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	23	The second second	24.44 24.54
⊕ 29 30	100000000000000000000000000000000000000	North. NNE. North.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 1 1 4 4 8 4 b. bc. c. b. b. 6 1 1 4 4 8 b. bc. o. od. bcd. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	22 20	A CONTRACTOR OF	23.71
3	SCORES IN	North. NNE. North.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	b. be. o. od. bed. b. 10 2 12 b. bd. b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			
	. (N.16. NW.66. NWbW.0. WNW.2. WON.6				100	100
2.0	RAC	W.23. Wbs.o. WSW.o. SWbV	W.o. SW.52. SWbS.o. SSW.212. Sbw.o.	South Westerly= 69 614	do. wind variable.	-0-	4/-	-27.52
-			0. SE.72. SEDES. ESEO. EDS.0.		do. calm. — 31 days. Total force of the Wind			2937
	1	R.9. EbN.o, ENE.o. NEbl	3.6. NE.5. NEBN.O. NNE.14. NEE.0.	ieroju previ ir	er spin i typ de mje njem je demodeljem se de	1016		

T	Days of Month.	Direction of Wind.	Porce of Wind.	State of Weather.	FEBRUARY, 1832. Temperature in Shade.	+	Mean.
	1 2 3 4 5 6 7 8 9	NÑW. NÑW. 1. 4. 4. 4. 4. 5. C. N. NÑW. 3. NÑW. NÑW. NŚW. NÑW. NÑW. NÑW. NÑW. NÑW. NÑW. 1. 1. 1. 3. 12. 1. 1. 4. Ely. SE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	b. bd. 13 3 8 bd. c. be. 1 5 1 3 2 4 4 3 1 bc.b. g. os.qs. o.bes.bc. os. 4 2 1 2 2 1 4 1 7 b.bc.es.os.o. c.bed.c. b. 22 2 b. bd. 3 1 1 1 13 bd. od. bd. ed. bd. 24 bd. 2 15 bd. b. 16 4 4 b. g. b.	$\begin{array}{c} -\frac{1}{2},\frac{1}{3},\frac{2}{2},\frac{3}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{1}{16},\frac{1}{16},\frac{1}{16},\frac{1}{16},\frac{1}{16},\frac{1}{13},\frac{1}{14},\frac{1}{13},\frac{2}{12},\frac{1}{13},\frac{1}{14},\frac{1}{13},\frac{1}{14},\frac{1}{13},\frac{1}{15},\frac{1}{17},\frac{1}{18},\frac{1}{19},\frac{4}{2},\frac{1}{2},\frac{1}{19},\frac{1}{18},\frac{1}{18},\frac{1}{19},\frac{1}{19},\frac{1}{18},\frac{1}{19},\frac{1}{19},\frac{1}{18},\frac{1}{19},\frac{1}{19},\frac{1}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{1}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{1}{2},\frac{2}{2},\frac{1}{2},\frac{2}{2},\frac{1}{2},\frac{2}{2},\frac{1}{2},\frac{2}{2},\frac{1}{2},\frac{2}{2},\frac{1}{2},\frac{2}{2},\frac{1}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{1}{2},\frac{1}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{2}{2},\frac{1}{2},\frac{2}{2},\frac$	12 2 13 2 19 2 29 3 27 3 24 3 22 3 35 3	7° 24°.10 34 18.04 0 16.29 94 22.98 54 33.44 66 29.95 0 27.06 5 26.00 84 36.81
a	10 11 12 13 14 15 16 17	\$. \$E. \$\frac{4}{8}\$. \$E. \$\frac{4}{8}\$. \$C. \$\frac{1}{6}\$. \$E. \$C. \$\frac{1}{6}\$. \$E. \$V. \$\frac{1}{6}\$. \$NNW. \$NW. \$NNW. \$NNW. \$Calm. \$\frac{7}{6}\$. \$S. \$E. \$E. \$E. \$S. \$E. \$S. \$\frac{4}{8}\$. \$SSE. \$SE. \$E. \$S. \$E. \$S. \$\frac{4}{8}\$. \$SSE. \$SE. \$Calm. \$\frac{2}{8}\$. \$NNW. \$\frac{1}{6}\$. \$NNW. \$\frac{1}{6}\$. \$NNW. \$\frac{1}{6}\$. \$NNW. \$\frac{1}{6}\$. \$NNW. \$\frac{1}{6}\$. \$NNW. \$\frac{1}{6}\$.	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	b. g. b. 24 b. 8 10 6 b. bc. o. 6 10 2 6 o. od. bc. b. 20 4 b. bc. 4 3 2 3 8 2 2 c. bc. c. bc. b. bc. c. 1 2 1 16 c. b. c. bc. c. 1 1 6 8 3 5 bc. b. bc.	$\begin{array}{c} -\frac{1}{3}\frac{1}{84},\frac{1}{3}\frac{4}{8},\frac{3}{3}\frac{1}{1},\frac{1}{3}\frac{1}{1}\frac{1}{3}\frac{1}{1}\frac{1}{1}\frac{1}{3}\frac{1}{1}\frac{1}{3}\frac{1}{1}\frac{1}{3}\frac{1}{1}\frac{1}{3}\frac{1}{1}\frac{1}{3}\frac{1}{1}\frac{1}{3}\frac{1}$	36, 4 35, 3 34, 3 32, 3 37, 4 34, 3 33, 3 35, 4	0 38.60 9 37.21 7:35.42 9:35.19 1:39.46 9 37.71 7 35.08 0:37.73
0	18 19 20 21	C. E. N. C. NNW. C. Sly. NW. C. SE. E. NNW. C. NNW. C. NNW. C. NNW. C. NNW. NNW. E. SE. W. NW. NNW. NNW. E. SE. W. NW. NNW.	$\begin{array}{c} \underline{2} \ \underline{1} \ \underline{1} \ \underline{1} \ \underline{2} \ \underline{1} \ \underline{4} \ \underline{4} \ \underline{6} \ \underline{3} \\ \underline{1} \ \underline{1} \ \underline{1} \ \underline{5} \ \underline{0} \ \underline{3} \ \underline{4} \ \underline{0} \ \underline{1} \ \underline{1} \ \underline{1} \ \underline{5} \ \underline{2} \ \underline{4} \ \underline{1} \ \underline{4} \\ \underline{6} \ \underline{3} \ \underline{4} \ \underline{3} \ \underline{0} \ \underline{2} \ \underline{3} \ \underline{4} \ \underline{5} \ \underline{5} \ \underline{6} \ \underline{7} \ \underline{6} \\ \underline{5} \ \underline{6} \ \underline{7} \ \underline{6} \ \underline{7} \ \underline{6} \ \underline{5} \ \underline{5} \ \underline{7} \ \underline{7} \\ \underline{8} \ \underline{3} \ \underline{1} \ \underline{1} \ \underline{2} \ \underline{2} \ \underline{3} \ \underline{1} \ \underline{2} \ \underline{5} \ \underline{5} \ \underline{5} \ \underline{5} \ \underline{5} \ \underline{5} \\ \underline{5} \ \underline{5} \ \underline{7} \ \underline{4} \ \underline{1} \ \underline{2} \ \underline{2} \ \underline{5} \ \underline{1} \ \underline{2} \ \underline{2} \ \underline{5} \ $	3 17 ½ b. bc. b. 6 6 3 1 3 1 2 2 b. g. cf. cfd. cd. bd. bg. b. 12 1 ½ ½ ½ ½ 2 2 b.bc.o.bcd.bgu.od.bd.bg.b. 8 16 bd. b.	$\begin{array}{c} -40.\ 35.\ 34.\ 35.\ 36t.\ 34.\ 34t.\ 35.\ 36.\ 37.\ 38.\ 39.\ 40.\ 39\frac{t}{2}.\ 40.\ 41\frac{t}{2}.\ \frac{1}{42}.\ \frac{2}{43}.\ \frac{2}{44}.\ \frac{1}{44}.\ \\ -\frac{2}{44}.\ \frac{1}{43}\frac{1}{4}.\ \frac{3}{42}\frac{2}{43}\frac{1}{43}.\ \frac{1}{44}.\ \frac{1}{42}.\ \frac{1}{40}.\ \frac{1}{40}.\ \frac{1}{40}\frac{1}{41}\frac{1}{2}.\ \frac{1}{42}.\ \frac{2}{43}\frac{2}{44}.\ \frac{4}{44}.\ \\ -\frac{2}{44}.\ \frac{1}{43}\frac{1}{42}.\ \frac{3}{43}\frac{2}{43}.\ \frac{1}{44}.\ \frac{1}{42}.\ \frac{1}{40}.\ \frac{1}{39\frac{t}{2}}.\ \frac{1}{38}.\ \frac{1}{38}.\ \frac{1}{38}.\ \\ -\frac{2}{38.3}\frac{2}{74.3}\frac{1}{63}.\ \frac{2}{37.3}\frac{1}{6.5}.\ \frac{2}{34.3}\frac{1}{44.\frac{t}{2}}.\ \frac{1}{36.3}\frac{2}{37.3}\frac{1}{36.3}\frac{1}{37.3}\frac{1}{38.3}\frac{1}{38.3}.\ \end{array}$	38 4 38 4 34 4	1 37.15 4 41.02 4 41.06 0 36.90
a	22 23 24 25 26 27 28 29	NNW. C. E. NNW. Ely. NW. NE. +Vble. S. C. SE. C. + NNW. NNW. NNW. NNW. C. Ely. SE. E. SW. SSW. NNW. NbW. NNW. SE. NNW. S. SSE. E. C. SSE. SE. C. SSE. Ely. NbE. NNW.	$\begin{array}{c} \frac{1}{4}, \frac{1}{3}, \frac{1}{1}, \frac{4}{0}, \frac{7}{2}, \frac{6}{1}, \frac{4}{2}, \\ \frac{2}{4}, \frac{1}{3}, \frac{9}{1}, \frac{1}{6}, \frac{1}{2}, \frac{1}{1}, \frac{1}{2}, 1$	6 6 6 6 6 6 6 b. bc. c. b. 6 10 8 b. bd. bc. b. 13 3 8 bd. bc. b. 5 3 3 7 6 bc. c. c. bc. c. c. b. 7 11 2 4 b. bc. 0. bc. 5 11 14 1 3 1 1 6 bc. b. bc. c. s. bc. b. 5 1 1 14 1 3 1 1 6 bc. b. bc. c. s. bc. b.	$\begin{array}{c} -37.4 \ 0.4 \ 0.34 \ 1.4 \ 2 \frac{1}{2}.4 \ 1.4 \ 0.3 \ 8.3 \ 7.5 \ 6.3 \ 5.3 \ 6.3 \ 8.3 \ 7.3 \ 7 \frac{1}{2}.3 \ 5 \frac{1}{2}.3 \ 4.3 \ 2.3 \ 1 \ 30 \\ \hline -\frac{1}{3} \ \frac{1}{3} \ \frac{1}{2} \ \frac{1}{3} \ $	24 3 38 ₄ 4 33 4 29 4 33 33 34 31	24 37.34 9 30.94 14 40.20 0 36.02 4 36.15 94 36.66 94 37.17 8 35.19
		N.25. NbW.40. 415 N.25. NbW.40. NNW.2348. NWbN.0. 1 10. Wb8.0. WSW.0. SWbW.0. 1		WbN.0. South Westerly =	Total. 19 Total. 604 hours. 13 do. wind vble. Highest, Lowest, and Mean Temperature —12	44	33.69

North Easterly - 39

Total force of the Wind

\$ \$90. \$\text{Spe. 6}\$.
Days of Month.	Direction of Wind.	Force of Wind.	State of Weather.	MARCH, 1832, Temperature in Shade,	+	-	Mean
1	8 8 4 4 NNW, +, North. C.	$\begin{bmatrix} 2 & \frac{1}{5} & \frac{3}{4} & \frac{9}{3} & \frac{1}{2} & \frac{9}{1} & \frac{1}{2} & \frac{8}{1} & \frac{4}{9} \\ \frac{4}{5} & \frac{5}{5} & \frac{4}{4} & \frac{3}{3} & \frac{2}{2} & \frac{1}{1} & \frac{2}{2} & \frac{1}{1} & \frac{9}{0} \end{bmatrix}$	6. c. cs. b.	$\begin{bmatrix} 2 & 5 & 4 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1$	32°	$\overline{43}^{\circ}_{\scriptscriptstyle 1}$	38°.
2	Wly. NNW. C. Sly. C.	$\frac{3}{1}, \frac{1}{2}, \frac{8}{0}, \frac{4}{1}, \frac{8}{0}.$	9.4 b.			45°	
3	C. NNW. C. Sly. SSE. ESE.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<u>04</u> b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		414	
4	NE. C. Sto E. C. SE. NNW.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	12 8 4 b. bc. b.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		454	
5	NNW. SE. Nly. C. NW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	b.	1		45	
6	C. SE. SW. E. C.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	b. 24		37	484	40.
7	C. SE. C. NW. C. SW. NNW. C.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b. 8 5 3 8		334	44± 41	4U.
	NNW.E.SE.S.SSE.S.SSW.C.E.NNW.E.	2. 1. 2. 3. 1. 0. 1. 2.	b. bc. c. b. 21151116			354	
9 10	3 1 2 3 1 1 3 4	2. 3. 4. 5. 4. 3. 2. 1. 2. 3. 5 1 1 1 1 1 3 2 1 4 4	o.bc.ds.ods.od.ed.e.b			39	
11	NNW.N.S.SSE.NW.W.WNW.NNW.C.	4. 3. 2. 1. 3. 2. 1. 2. 5. 1. 0. 3 1 5 1 5 5 4	7 1 3 1 3 1 4 4 b. bc. b. bc. b. o. cs. b			40±	
12	NNW. C. E. SE. W. E. C. S. NE. C. NW. S. C. ESE. C. StoE. C. +.	1. 0. 1. 2. 0. 1. 0. 5 2 1 4 4 4 4	5. bc. b. bc. b. c. cs. b.	3 92,4 0.4 0 2,4 0.3 8.3 6.3 4.3 0 2, 2 9.2 6.2 8.3 1.3 2.3 3.3 4.3 4 2 3 2 3 6.3 6 2. 1 1 2 3 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1		40	
13	NW. S. C. ESE. C. Stor. C. +. 2 2 2 4 12 C. NNW. C. SE. +. NNW.	1. 0. 1. 0. 1. 0. 1. 9 2 9 6 1 4 1 4 9	12 4 2 6 b. c. g. b.			40±	
14	C. NNW. C. SE. +. NAW.	1 1 5 1 5 3 2 7 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	21 3 bd. b.			37	
15	NXW.	$\frac{3}{8}$, $\frac{1}{3}$, $\frac{2}{7}$, $\frac{2}{4}$, $\frac{2}{5}$, $\frac{6}{4}$, $\frac{1}{5}$, $\frac{2}{4}$, $\frac{5}{3}$.	3 1 2 2 3 13 bd. b. bd. b. bd. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		36	
16	NNW. NW. NNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	91 3 b. c.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		35	
17	NNW. C. SE. Sly. S. W. C. S. +. Ely.	$\frac{1}{3}, \frac{2}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{0}, \frac{1}{2}, \frac{0}{1}, \frac{1}{2}, \frac{5}{0}, \frac{5}{1}.$	8 9 9 2 3 b. q. c. bc. c.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		35₺	
18	E. C. SSE. C. SSE. Ely. NNW.	$\frac{4}{1}, \frac{4}{0}, \frac{4}{1}, \frac{3}{0}, \frac{3}{1}, \frac{2}{2}, \frac{4}{3}.$	24 b.	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		34	
19	NW. NNW.	$\frac{4}{3}, \frac{1}{5}, \frac{4}{6}, \frac{3}{5}, \frac{12}{6}.$	5 3 4 8 3 1 b, bd, b. bc. b. bc.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		36	
20	NNW. Č. NW. NNW.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5 19 bd. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		35	
21	NNW. SSE. NNW.	14 6 4	8 10 2 4 b. bc. b. bd.			33	
22	NNW.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b. 9 2 13 b. bd. b.	-334.34.35.354.35.33.324.32.314.304.304.314.32.314.33.324.314.		35 ₄	
23 24	9 3 8 1 1 2	9. 8. 7. 5. 6. 7. 6. 1 2 1 3 1 1 3 3 2 1 3 1 1 1	24	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		384	
25	NNW. Ely. SE. NW. C. NNW.	6 7 4 5 4 3 1 2 1 2 1 0 2 3 2 1 1 4 1 3 1 3 8	9 5 1 3 8 b. bd. b. bc. b.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		33	
26	NW. NNW. 16 5 1 2 NNW. NW. Ely. Cahn.	3. 2. 1. 2. 4. 5. 6. 7. 8. 6 2 3 2 5 4 2	6. bd. b. bd. b.	-32.322.33.324.30.294.29.28.274.28.29.30.304.32.304.29.29.28. 1 5 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13	28	21
27	NNW. NW. Edy. Cann. NNW. C. E. C. SE.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	24	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12	32	23
DECITION OF STREET	3 1 2 6 3 3 1 1 2 2 NE.NW.C.SSE.SE.SSW.SE.W.SSE.+.	4 2 3 1 2 3 1 1 4 1 2	4 4 10 2 4 b. q. os. o. b.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4	28	16
29	B. NNB. NNW. N. NNW.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2 2 3 5 12 b. bc. cd. od. osd.	$\begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{1} & \frac{1}{1} & \frac{2}{2} & \frac{1}{1} & \frac{1}{1} & \frac{1}{1} & \frac{2}{1} & \frac{1}{1} & \frac{3}{1} & \frac{1}{1} & \frac{1}{1} & \frac{2}{2} & \frac{1}{1} & \frac{1}{1} & \frac{1}{2} & $		224	
30	NAW. StoE. Calm.	$\begin{array}{c} 2 & 1 & 2 & 1 & 1 & 1 & 3 & 1 & 1 & 2 & 3 & 6 \\ \hline 8.7.8.6.5.4.5.4.1.2.1.0. \end{array}$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6	224	15
31		$\frac{1}{1}, \frac{9}{2}, \frac{1}{4}, \frac{4}{5}, \frac{3}{4}, \frac{1}{5}, \frac{9}{6}, \frac{5}{7}, \frac{5}{8}$	4 12 5 3 os. od. qd. bd.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	16	21	118
ſ	N.13. Now.o. NNW.1985. NWbN.6	34 50 NVbW.0, WNW.1.	North Wes	sterly =413 Total. Highest Lowest and Moon Temperature		10:	91
RAC	W.13. WbS.o. WSW.o. SWbW.o.	SW.3. SWbS.0. 88W.70:	SbW.o.	sterly = 32 588 hours. 1118 host, howest, and mean reimperature -9	2	10-1	-0
ST	\$4. St. 0. SE 36. SkbS.0	. SE.43. SEBE.0. ESE 9.	EbS.0. South Eas	terly = 94 133,do. calm. Total force of the Wind			2

METEOROLOGICAL TABLE.

APPENDIX.

The mountain barometer, from which the following observations were registered, was supplied by the Admiralty, and had been on the former voyage. It was constructed by Mr. Jones, of Charing Cross, and the scale graduated to hundreds, and was regularly observed by Mr. Thom.

*Xmm ford. 29.885

VICTORY DISCOVERY SHIP, METEOROLOGICAL OBSERVATIONS.

10	NOV	EMBER,	1829.	DEC	EMBER,	1829.	JAN	UARY, 1	830.	FEB	RUARY,	1830.	M	ARCH, 18	30.	Al	PRIL, 183	0.
of onth.	9 A.M.	5 P. M.	Midt.	9 A. M.	5 P. M.	Midt.	9 A. M.	5 P. M.	Midt.	9 A.M.	5 P. M.	Midt.	9 A. M.	5 P.M.	Midt.	9 A. M.	5 P. M.	Midt.
1	100 218	307 4 35 307 4 35	1 80 11 1 80 11	29.950	29.922	5873.38 1-95.700	30.057	30.000	99 89 99 89	29.795	29.765	29.785	30.185	30.025	29.891	29.959	29.780	29.70
2	T MATERIAL STATES	100,000	20188	29.900	29.850	38.62	29.840	29.835		29.805	29.932	30.000		29.862	29.860	29.743	29.810	29.02
3	100000	9000	100.48	29.815 29.960	29.880 29.975	1 80 01	29.780 29.620	29.735 29.660	289.882	30.042	3 0.060 30.115	30.098		30.035	30.040	29.854	29.994 30.400	30.11
5	90"300	39(39)	20 12	29.930	29.780	1200 34	29.710	29.740	330(3)(4	30.070	30.000		30.045	29.995	30.450 29.948	30.260	30.115	29.90
6	130 453		1 20 38	29.675	29.682	139 [5]	29.840	29.760		30.000	29.980	29.985	29.980	29.942	29.900	29.330	29.210	29.48
7	29.445	29.420	1 30 00 1 76 F F 60	29.426	29.406	1 500 S450 1 540 F 560	29.580	29.480	Tand-Su	29.920	29.875	29.803	29.995	30.022	30.000	29.500	29.561	29.57
8	29.450	29.750	100	29.668	29.733	19/13	29.595	29.700	180	29.745	29.645	29.700	30.022	30.022	29.995	29.564	29.715	29.77
9	29.655 29.875	29.700 29.825	Hatroe	29.748 29.743	29.752 29.710	10.32	30.025 30.155	30.045	53.33	29.715 29.827	29.793 29.835	29.810	30.010	30.003 29.930	29,990 29.829	29.533	29.584 30.322	29.74 30.43
0	29.875	29.525	136.16	29.635	29.738	180,32	29.700	29.600	40,39	29.805	29.833	29.810	29.745	29.682	29.829	30.148	30.523	30.50
2	29.801	29.002	3010	29.948	29.996	30.00	29.245	29.240	195	30.085	30.225	30.248		29.645	29.648	30.480	30.360	30.18
13	29.800	29.375	100000	30.000	29.985	100 17	29.460	29.540	10000	30.165	30.000	29.811	29.716	29.815	29.840	29.940	29.899	29.91
4	29.685	29.755	201.37	29.639	29.700	2011	29.755	29,865	150 21	29.822	29.925	30.000	29.935	29.942	29.919	30.040	30.143	39.19
5	29.795	29 900 29.742	100'50	29.896 29.780	29.994 29.723	13031	29.940 30.065	29.995 30.135	150 20	30.320	30.503	30.634	29.918	29.948	29.930	30.240	30.235	30.24
16	29.935	29.742	30'35	29.880	29.960	30:41	30.005	30.025	130,014	30.682	30.763	30.750		30.002	30.000 29.980	30.321 30.082	30.283	30.20
8	29.896	29.800	MEGH	29.845	29.881		29.155	28.920		30.535	30.470	30.425		30.025	30.051	30.045	30.045	30.04
9	29.735	29.742	100-11	29.924	30.095		29.100	29.240	Table 1	30.422	30.428	30.427	30.123	30.187	30,200	30.045	30.015	30.04
20	29.825	29.864	90.04	30.210	30.215	4 20 00	29.398	29.500	Lanan	30.444	30.471	30.484		30.261	30.261	30.040	29.965	30.05
21	29.550 29.345	29.519 29.372	38:39	30.284 29.693	29.865	30.01	29.705 29.460	29.710 29.395	30 50	30.565 30.520	30.540	30.521	30.187	30.161 30.181	30.175	30.020	29.990 30.120	29.98 30.18
23	29.365	29.360	199 72	29.405	29.440	1,000 1,00	29.300	29.325	100 600	30.320	30.480	30.131		29.918	29.867	30.020	30.040	30.18
24	29.430	29,430	166.43	29.500	29.575	100 251	29.408	29.465	59/52	29.955	29.875	29.812		29.788	29.790	29.880	29.800	29.81
25	29.240	29.266		29.780	29.895		29.640	29.720		29.750	29.800	29.820		29.967	29.980	29.915	29.936.	29.93
26	29.520	29.685	SHIPT.	30.073	30.090	and the	29.805	29.828	1000041	29.842	29.862	29.900	30.005	30.085	30,000	29.936	29.945	29.93
27	29.820	29.900		30,215	30.240		29.680 29.735	29.785 29.710		29.972 30.262	30.078	30.080	30.119	30.109	30.105	29.280	30.000	29.92
19	30.162	30.160		30,422	30.430		29.630	29.645		30.202	30,310	30.313	30.235	30.305	30.362	29.955 30.100	30.140	30.13
30	30.182			30,370	30.260		29.800			1	noralla	100	30.300	30.290		30.030	30.000	30.10
11				30.100	30.090		30.075	29.950					30.290	30.223				
	29.702	29.663	HE LEFT	29.896	29 896	HELDI	29.689	29 696	100	30.114	30.12	30 116	30.014	30.018	30.013	29 976	20 007	30.01

REGISTER OF THE BAROMETER, CORRECTED FOR TEMPERATURE, CAPACITY, AND NEUTRAL POINT. MAY, 1830. JUNE, 1830. AUGUST, 1830. JULY, 1830. OCTOBER, 1830. SEPTEMBER, 1830. 9 A.M. 5 P.M. Midt. 9 A.M. 5 P.M. Midt. 9 A.M. 5 P. M. Midt. 9 A.M. 5 P.M. Midt. 9 A.M. 5 P. M. Midt. Midt. 9 A. M. 5 P. M. | 30.280 | 30.032 | 29.777 | 30.542 | 30.485 | 30.545 | 29.621 | 29.606 | 29.638 | 30.040 | 30.030 | 30.018 | 29.942 | 29.560 | 29.540 | 30.123 | 30.182 | 29.861 | 29.830 | 29.980 | 29.972 | 30.463 | 30.250 | 30.160 | 29.775 | 29.800 | 29.852 | 29.962 | 29.918 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.602 | 29.725 | 29.813 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 30.825 | 3 29,618 29.543 29.515 29,900 30.020 30.017 29.800 29.680 29.575

30.254 30.241 30.232 30.124 30.107 30.084 29.864 29.866 29.849 29.872 29.871 29.819 29.822 29.849 29.831 29.905 29.894 28.859

 Mean Total.
 29.834
 29.834
 29.836

2010/8

Mean Total.

29.977

REGISTER OF THE BAROMETER, CORRECTED FOR TEMPERATURE, CAPACITY, AND NEUTRAL POINT.

88.	NOV	EMBER,	1830.	DEC	EMBER,	1830.	JAN	NUARY, 1	831.	FEB	RUARY,	1831.	M	ARCH, 18	31.	A	PRIL, 183	1.0 20.95
of onth.	9 A. M.	5 P. M.	Midt.	9 A. M.	5 P. M.	Midt.	9 A.M.	5 P.M.	Midt.	9 A. M.	5 P. M.	Midt.	9 A.M.	5 P. M.	Midt.	9 A. M.	5 P. M.	Midt.
	20 021	29.738	29.855	30.544	30.513	30.487	30.195	30.300	30.320	29.860	29.845	29,800	29.7411	29.745	29,777	30.214	30.158	30.10
2	29.621 30.099	30.220	30.189	30.339	30.237	30.172	30.343	30.364	30.320	29.840	29.830	29.600	29.760	29.843	29.821	30.214	30.360	30.42
3	DATE OF THE PARTY	30.035	29.914	30.138	30.111	30.140		30.258	30.206	29.498	29.835	30.031	29.821	29.798	29.800	30.440	30.440	30.40
4	30.160	29.461	29.372	30.215	30.416	30.360		30.533	30.640	30.320	30.448	30.444	29.883	29.903	29,820	30.340	30.330	30.31
5	29.477 29.189	29.297	29.323	30.334	30.301	30.271	30.714	30.690	30.601	30.560	30.600	30.535	29.882	30.078	30.141	30,300	30.181	30.26
6	29.189	29.178	29.237	30.255	30.262	30.271	30.500	30.440	30.481	30.458	30.280	30.271	30.119	30.130	30.125	30.181	30.079	29.93
7		29.546	29.580	30.374	30.478	30.481	30.335	30.300	30.300	30.270	30.280	30.290	30.128	30.066	30.000	29.740	29.603	29.5
8	29.419 29.589	29.589	29.560	30.565	30.632	30.631	30,300	30.305	30.300	30.290	30.290	30,280	29.921	29.893	29.866	29.493	29.500	29.5
9	29.683	29.803	29.885	30.646	30.698	30.664	CONTRACTOR OF THE PROPERTY OF	30.300	30.250	30.200	30,160	30,200	29.878	29.991	30.000	29.630	29.760	29.8
0	30,115	30.211	29.901	30,660	30.632	30.590	30.161	30.135	30.100	30.244	30.240	30.185	30.048	30.089	30.055	29.795	29.810	29.69
i	29.611	29.593	29.748	30.538	30.457	30.356		29.990	29.914	30,080	30.000	29.970	30.040	30.040	30.041	29.642	29.720	29.7
2	29.897	30.010	30.044	30.284	30.232	30.147	29.995	30.077	30.135	30,045	30.070	30.043	30.086	30.102	30.060	29.880	29.960	29.9
3	30.278	30.500	30.581	30.038	30.018	29.938		30.360	30.380	29.960	29.884	29.786	30.055	30.055	30.060	29.922	29.884	29.8
4	30.660	30 662	30.625	29.938	29.930	29.938		30.020	29.900	29.680	29.638	29.560	30.076	30.109	30.161	29.838	29.838	29.8
5	30.605	30.600	30.600	29.945	30.012	30.000		29.618	29.600	29.470	29.481	29.475	30.229	30.181	30.100	29.860	29.900	29.9
6	30.494	30.390	30.285	29.989	29.921	29.812	ACCORDANGE STREET	29.622	29.710	29.538	29.610	29.670	29.960	30.000	30.035	30.040	30.120	30.1
7	30.083	29.879	29.955	29.788	29.740	29.706		29.582	29.522	29.760	29.860	29.942	29.962	29.978	29.918	30.272	30.278	30.3
8	29.718	29.720	29.756	29.708	29.843	29,940	ASSESSMENT OF THE PROPERTY OF	29.718	29.765	30.025	30.146	30.226	29.846	29.854	29.820	30.352	30.136	30.0
9	29.882	29.949	29.979	30,042	30.038	29.999	29.842	29.898	29.900	30.260	30.218	30.125	29.794	29.782	29.740	29.898	29.860	29.6
Ö	30,023	30.060	30.045	30.054	30.100	30.151	30.000	30.100	30.101	30.140	30.144	30.160	29,708	29.716	29.701	29.620	29.700	29.75
1	30.122	30.144	30.153	30.335	30.481	30.485	CONTRACTOR OF THE PARTY OF THE	30.206	30.251	30.032	29.920	29.700	29.664	29.592	29.520	29.744	29.877	29.9
2	30.165	30.168	30.162	30.322	30.027	29,819	30.391	30.500	30.500	29.713	29,660	29.590	29.458	29.458	29.510	29.900	30.040	30.1
3	30.200	30.208	30,233	29.705	29.780	29.680	30.418	30 330	30.306	29.413	29.240	29.040	29.633	29.744	29.777	30.145	30.222	30.1
4	30.286	39.345	30.361	29.680	29.629	29,461	30.350	30.390	30.396	29.038	29.360	29.570	29.820	29.880	29.844	30.163	30 180	30.1
5	30.380	30.340	30.289	29.322	29.300	29.418	30.320	30.200	30.685	29 780	29.875	30.157	29.880	29.880	29.840	30.097	30.061	30.1
6	30.243	30.238	30.276	29.599	29.682	29.70	29.894	29.863	29.880	29.990	30.075	30.300	29.880	29.778	29.735	30.018	29.963	29.8
7	30,238	30.238	30.208	29.753	29.798	29.793	30.000	30.062	30.046	30.323	30.379	30.380	29.758	29.818	29.818	29.624	29.572	29.6
8	30.205	30.200	30.155	29.770	29.758	29.714		30.050	29.950	30.248	30.059	29.900	29.879	29.902	29.880	29.720	29.840	29.8
9	30,179	30.241	30.306	29.878	29.960	29,960	OF THE PROPERTY OF THE PROPERT	29.800	29.753				29.873	29.925	29.931	29.840	29.948	30.0
0	Name and Address of the Owner, when the Party of the Owner, when the Owner, which the	30.518	30.540	29.900	29.920	29.912	29.740	29.900	30.041				29.940	29.957	29.930	30.188	30.240	30.2
ĭ				29.980	30.020	30.090	30.138	30.093	29.976		1001	of the	29.989	30.071	30.123	100	行者の表記	学性

30.007 30.036 30.037 30.086 30.094 30.068 30.121 30.129 30.136 29.965 29.979 29.972 29.894 29.914 29.901 29.967 29.984 29.979

Mean Total. 29.903 Meau Total, 29.972 Mean Total, 30.027 Mean Total, 30.129 Mean Total. 30.083

REGISTER OF THE BAROMETER, CORRECTED FOR TEMPERATURE, CAPACITY, AND NEUTRAL POINT.

Days	N	IAY, 1831		J	UNE, 183	1.	J	ULY, 1831		ΑÜ	GUST, 18	31.	SEPT	EMBER,	1831.	ocı	OBER, 1	831.
of Ionth.	9 A. M.	5 P. M.	Midt.	9 A. M.	5 P. M.	Midt.	9 A. M.	5 P. M.	Midt.	9 A. M.	9 P. M.	Midt.	9 A, M.	5 P. M.	Midt.	9 A. M.	5 P. M.	Midt.
1	30.298	30.300	30.300	30.028	29.960	30.000	29.888	29.797	29.771	30.058	29.992	29.920	29.892	29.710	29.800	30.212	30.294	30.286
2	30.300	30.320	30.300	29.828	29.797	29.820	29.900	30.100	30.138	29.905	29.890	29.875	29.340	29.480	29.580	30.263	30.192	30.07€
3	30.440	30,430	30.380	29.698	29.698	29.660	30.090	29.840	29.780	29.900	29.900	29.880	29.560	29.520	29.460	30.160	30.260	30.28
4	30.260	30.280	30.141	29.624	29.680	29.741	29.620	29.540	29.535	29.698	29.450	29.505	29.422	29.369	29.326	30.331	30.320	30.30
5	30.130	30.200	30.287	29.872	29.981	30.020	29.480	29.498	29.487	29,836	29.944	29.936	29.339	29.433	29.407	30.305	30.280	30.239
6	30.193	30.177	30.196	30.140	30.222	30.300	29.525	29.580	29.615	29.900	29.887	29,876	29.492	29.590	29.666	30.200	30.228	30.24:
0	30.188	30.220	30.221	30.345	30.230	30.060	29.680	29.725	29.800	29.890	29.900	29.900	29.721	29.825	29.734	30.300	30.260	30.350
8	30.220	30.200	30.200	30.125	30.130	30.000	29.820	29,740	29.700	29.946	29.998	30.012	29.918	29.982	30.010	30.224	30.185	30.178
9	30.187	30.170	30.181	30.023	29.989	29.920	29.700	29.760	29.805	30.066	30.066	30.534	30.110	30.132	30.120	30.155	30.120	30.111
11	30.171	30.185	30.234	29.884	29.886	29.886	29.815	29.840	29.800	29.974	29.900	29.874	30.074	30.010	29.998	30,100	30.078	30.086
12	30.220 29.852	30.155 29.798	30.061 29.781	29.850	29.820	29.787	29.690	29.636	29.636	29,837	29.792	29.770	29,978	29.974	E392300000000000000000000000000000000000	30.135	30.176	30.201
13	29.740	29.772	29.790	29.680	29.722	29.780	29.774	29.864	29,818	29.760	29.798	29.800	30.078	30.120	30.145	30.202	30.200	30.19
14	29.740	29.772	30.080	29.810 29.905	29.840 30.020	29.861	29.793	29.845	29,904	29.998	30.044	30.040	30.114	30.068	30.000	30,212	30.214	30.200
15	30.105	30.180	30.200	30.032	30.020	30.061	29.956 29.848	29.994	29.984	30.098	30.042	29.976	29.958	29.923	29.880	30.200	30.178	30.14
16	30.200	30.180	30.133	30.000	29.960	29.900	30.000	30.063	29.935	29.783	29.528	29.516	29.821	29.800	29.790	30.145	30.160	30.45
17	29.976	29.960	29.970	29.886	29.880	29.925		30.088	30.070	29.160 29.319	29.158	29.195	29.773	29.840	29.810	30.066	30.020 29.954	30.023 29.893
18	30.000	30.080	30.025	29.950	30.020	30.015	30.086	30.095	30.051	29.668	29.479 29.733	29.555	29.788 29.722	29.744 29.760	29.744 29.805	30.020	29.954	29.890
19	30.110	30.158	30.158	30.020	30.060	30.095	30.100	30.122	30.160	29.804	29.889	29.751 29.895	29.820	29.700	29.915	29.809	29.880	29.910
20	30.182	30.153	30.162	30.162	30.144	30.126	30 158	30.200	30.175	29.930	29.900	29.893	29.915	29.760	29.770	29.809	30.058	30.088
21	30.085	29.900	29.798	29.892	29.760	29.731	30,218	30.192	30.199	29.880	29.790	29.780	29.564	29.520	29.520	30.058	30.064	30.070
22	29.515	29.587	29.618	29.938	30.066	30.142	30.098	30.088	30.030	29.742	29.748	29.777	29.548	29.568	29.635	29.978	29.900	29.82
23	29.598	29.560	29 574	30.100	30.155	29.936	30.038	30.000	29,995	29.839	29.945	29.940	29.771	29.880	29.990	29.728	29.860	29.996
24	29.622	29.735	29.820	30.113	30.021	29.921	29.980	30.000	30,000	29.990	29.960	29.960	30.080	30.084	30.086	30.092	30.100	29.976
25	29.882	29.884	29.884	29.850	29.900	29.936	30.020	30.035	30.024	29.921	29.900	29.957	29.990	29.760	29.735	29.330	28.960	28.980
26	29.917	30.000	30.010	30.034	30.000	29.981	30.084	30.155	30.015	30.100	30.053	29.890	29.850	29.863	29.875	28.780	28.880	29.071
27	30.020	29.980	29.878	29.963	29.941	29.936	30.094	30.023	30.030	29.793	29.822	29.820	29.883	29.883	29.940	29.160	29.280	29.415
28	29.826	29.862	29.880	29.982	29.980	29.901	30.000	29.954	29.980	29.822	29.822	29.870	29.900	29.800	29.770	29.520	29.644	29.786
29	29.860	29.922	30.020	29,790	29.732	29.700	29.970	29.900	29.960	29.820	29.780	30.000	29.871	29.958	30.000	29,971	30.228	30.378
30	30.073	30.080	30.072	29.744	29.800	29.921	29.960	29.970	29.975	30.091	30.120	30.180	30.078	30.121	30.147	30,506	30.580	30.575
31	29.998	29.970	30.000				30.035	30.054	30,080	30.217	30.160	30.111			1	30.504	30.440	30,425
	30.033	30,044	30.044	29.942	29.947	29.936	29.919	29.922	29,92	29.863	29.85	29.871	29,812	29.81	29.822	30.008	30.026	30.05
		Mean Tota 30.04	l		Mean Total, 29,942			Mean Total, 29.92		Mean Total. 29.86		Mean Total. 29.815				lean Total. 30,028		

		EMBER,			EMBER,			UARY, 1				1832.	MA	RCH, 18			PRIL, 183	
Days of Month.	9 A. M.	5 P.M.	Midt.	9 A. M.	5 P. M.	Midt.	9 A.M.	5 P. M.	Midt.	9 A. M.	5 P.M.	Midt.	9 A.M.	5 P.M.	Midt.	9 A.M.	5 P. M.	Midt.
+	255.18 # 1	2.2		1100	454.1	20 105	20.550	00.040	00.005	30.340	30,240	30,140	29.715	29.781	29.800	29.740	29.760	29.754
1	30.316	30.388	30.420	30.080	30.140	30.195	29.750	29.840 29.814	29,895	30.060	29.960	29.894	29.822	29.830	29.835	29.742	29.660	29.675
2	30.400	30.376	30.320	30.260	30.369	30.380	29.880 29.680	29.640	29.675		29.660	29.660	29.857	29.897	29.800	29.780	29.960	29.990
3	30.243	30.178	30.094	30.300	30.200	30.100	29.724	29.720	29.694		29.700		29.996	30.088	30.100	30.080	30.080	30.174
4	30.038	30.040	30.070	30.060 29.978	30.089	30.010		29.600	29.615		29.930	29.921	30.238	30.310	30.320	30.120	30.135	30.140
5	30.138	30.180	30.368	30.120	30.200	30.165	29.628	29.620	29.668		29.840	29.840	30.418	30.440	30.412	30.100	30.090	30.073
6	30.314	30.340	30.291	29.938	29.780	29.790	29.620	29.620		29.870	29.940	29.910	30.340	30,260	30.296	29,880	29.720	29.800
4	30.360	30.330	30.160	29.848	29.940	30.044	29.564	29.564	CONTRACTOR CONTRACTOR	30.054	30.200	30.156	30.026	29.892	29.800	30.120	30.260	30.200
9	30.194 29.998	29.903	29.840	30.193	30.204	30.180	BERTHRESSES 15-17	29.620		30.260	30.100	30.360	29.580	29.525	29.540	29.945	29.680	29.614
10	29.754	29.520	29.700	30.100	30.045	29.800		29.760		29.869	29.744	29.840	29.760	29.958	30.008	29.576	29.676	29.800
11	29.530	29.822	30.903	29.898	29.880	29.910	29.590	29.480		29.813	29.938	29.320	30.100	30.180	30.188	29.968	30.042	30.060
12	30.020	30.060	30.163	30.080	30.120		29.440	29.464	29.480	30.033	30.040	30.090	30.240	30.200	30.198	30.048	30.060	30.060
13	30,356	30.478	30.501	29.766	29.540	29.500	29.580	29.638	29.597	30.200	30.240	30.221	30.100	30.020	29.804	30.038	30.060	30.080
14	30.502	30.500	30.460	29.530	29.622		29.380	29.260	29,298	30.080	29.936	29.880	29.940	29.793	29.760	30.106	30.114	30.111
15	30,438	30.465	30.480	29.656	29.640	29.666	29.436	29.578	29.774	29.778	29.730	29.750	29.760	29.840	29.880	30.138	30.140	30.102
16	30.470	30.388	30.274	29.677	29.640	29.640	29.780	29.740		29.740	29.700	29.680	29.936	29.942	29.910	30,110	30.100	30.032
17	30.090	29.978	29.916	29.640	29.640	29.640	29.560	29.540	29.575		29.670	29.665	29.956	29.960	29.480	29.934	29.990	30.100
18	29.879	29.823	29.796	29.698	29.690	29.624	29.658	29.620		29.638	29.624	29.680	30.048	30.140	30.160	30.020	29.940	29.900 29.720
19	29.858	29.966	30.028	29.550	29.540	29.520		29.513		29.640	29.700	29.781	30.178	30.180	30.100	29.840	29.760	29.720
20	30.089	30.113	30.100	29.492	29.400	29.276	29.544	29.706	29.785	29.998	30.240	30.280	30.180	30.200	30.200	29.680	29.720 29.870	29.902
21	30.050	30.040	30.033		29.285		29.720	29.500		30.380	30.380	30.240	30.180	30.138	30.140	29.680	30.100	30.120
22	30.166	30.218	30.310		29.330	29.290	29.178	29.204	29.220	29.940	29.600	29.520 29.370	30.080	30.066 29.798	30.050 29.780	30,010	30.120	30.120
23	30.400	30.436	30.420	29.392	29.356		29.345	29.500	29.625		29.300	29.500	29.760	29.820	29.823	30.158	30.300	30.300
24	30.320	30.220	30.140	E2030F0006/45457	29.390		29.644	29.604		29.475 29.600	29.540 29.688	29.740	29.820	29.700	29.800	30.340	30.344	30.380
25	30.028	30.028	30.020	29.530	29.560	29.460	29.520	29.594 29.773		29.500	29.840	29.835	29.660	29.820	29.920	30.370	30.320	30.270
26	29.960	29.921	29.860	29.660	29.680	29.080	29.818 29.220	29.113		29.660	29.740	29.800	30.040	30.134	30.200	30.240	30.192	30.140
27	29.800	29.820	29.820	BUILDING STORY OF THE PARTY OF	29.740	29.791	29.496	29.190		29.876	29.800	29.770	30.180	30.168	30.136	29,988	29.942	29.980
28	29.800	29.824	29.864 29.918	29.876 29.825	29.890	29.893	29.756	29.980	30.076	29.656	29.620	29.666	30.032	30.000	29.960	29.910	29.976	29.920
29 30	29.906	29.920	29.918	29.825	29.860	29.797	30.180	30.244	30.280	20.000		20.000	29.000	29.840	29.800	30.062	30.100	30.08
31	29.940	30.000	29.900	29.815	29.758	29.710	30.466	30.478	30.474			Contraction of the second	29.700	29.690	29.700			
10 +A	30 119	30.114	30.15	29.783	29.785	29.763	29.628	29.646	29.671	29.858	29.863	29.835	29.953	29.987	29.964	29.995	30.007	30.01

GENERAL ABSTRACT OF THE METEOROLOGICAL OBSERVATIONS OF THE VICTORY DISCOVERY SHIP, TAKEN ON THE ICE AND REGISTERED HOURLY. FELIX HARBOUR, LAT. 70° 0' N, LONG. 91° 53' W.

	Wind North- westerly		Wind South- westerly		Wind South- easterly		Wind North- easterly		Wind variable		Calm weather	Total No. of	Total force of	Mean daily force			erature in
	Hours	Force	Hours	Force	Hours	Force	Hours	Force	Hours	·Force	Hours	· · · · · · · · · · · · · · · · · · ·	Wind	of Wind	Max.	Min.	Mean
OCTOBER	454	1278	116	323	69	129	60	246	20 年 20 年 20 年 20 年 20 年 20 年 20 年 20 年	906 336	45	744=31 days	1976	63.74	+24	161	+7.94
NOVEMBER	152	577	57	84	49	64	341	924	計構		121	720=30	1649	51.9	+26	_37	_3.58
DECEMBER	229	713	131	357	95	203	124	338	- 133		165	744=31	1611	52.07	8	_37	_23.0
ANUARY	325	920	230	537	62	113	40	86			87	744=31	1656	53.42	5	-45	33.1
FEBRUARY	101	257	119	307	102	137	169	357	12		169	672=28	1058	37.8	- J + 1항	_47	_29.9
MARCH	212	341	162	261	31	42	105	218		S. FE	234	744=31	862	27.8	+20		20.9
Result Total Winter 1829-30	1473	4086	815	1869	408	688	839	2169	12		821	4368=182	8812	10 MP			17.1
APRIL	216	576	200		63		191				50	720=30			+26		SA 1 96
Maxit	223	4 2 3 3	142	574	100	151	235	519			44	744=31	1820	60.67	+31	-21	+1.36
UNE	133	542	210	309	42	151	264	510			71	720=30	1512	48.78	+37	-1	+15.2
Jory	327	290	93	541	50	52	167	542	5		102	744=31	1425	47.5	+62	+26	+36.7
August	440	840	87	181	73	59	99	215	16	8	29	744=31	1303	42.03	+70	+32	+44.5
SEPTEMBER	340	1377	157	196	106	109	93	289	7	25	17	720=30	1996	64.4	+58	+33	+40.8
		1662		416		208		334		13			2633	87.76	+43	+5	+27.45
Result Total Summer 1830	1679	5287	889	2217	434	730	1049	2409	28	46	313	4392=183	10.689	58.52	+70	-21	+27.7

Remarks.—By referring to the Explanation at the beginning of the Meteorological Table, this Abstract will be readily understood. Beginning at the 1st of October, 1829, we have taken the six following for winter months, in which it will be manifest that the prevailing winds were north-westerly and next north-easterly, and that south-easterly winds were not only least prevalent but weakest, and that the total average of the wind was much greatest from the northward. The same remark is applicable to the summer months, and to these circumstances must be attributed the constant influx of ice and water to the Gulf of Boothia; added to which, the numerous and large rivers which discharge themselves into it, must consequently occasion and account for the strong current which Sir E. Parry found running to the eastward in Heela and Fury strait.

GENERAL ABSTRACT OF THE METEOROLOGICAL OBSERVATIONS OF THE VICTORY DISCOVERY SHIP, TAKEN ON THE ICE AND REGISTERED HOURLY. SHERIFF'S HARBOUR, LAT. 70° 2' N, LONG. 91° 52' W.

OCTOBER	Hours 233	Force	Hours	Wind South- westerly		Wind South- easterly		Wind North- easterly		Wind variable		Total No. of Hours		Mean daily force	State of Temperature in the Shade		
		10000	-	Force	ULT 2007 25 7 7 5 5	Force	Hours	Force	Hours	Force	Hours		Wind		Max.	Min.	Mean
NOVEMBER	The second second	605	244	818	110	317	107	389	1	6	49	744=31 days	2135	68.8	+24	-12	+10.95
	275	828	137	180	142	279	44	108	14	14	108	720=30	1409	46.96	+24	-41	-11.4
DECEMBER	211	981	150	253	238	526	22	47	4	4	119	744=31	1811	58.42	+6	-47	-20.24
JANUARY	329	1169	133	269	131	175	22	40	2	2	127	744=31	1655	53.45	+21	-59 1	
FEBRUARY	198	518	212	452	154	321	14	30	12	12	82	672=28	1333	47.62	+91	49	-32 4
MARCH	158	285	193	430	147	234	41	77	32	41	173	744=31	1067	34.42	-8 1		-34.7
Result Total Winter 1830-1	1404	4386	1059	2402	922	1852	250	691	65	79	658	4368=182	9410	51.61	+24	STEEL STEEL ST	-18.89
APRIL	390	1462	105	220	93	155	71	187	7	9	54	720=30	2033	67.76	+30	_25	-6.44
Max	320	1081	135	302	95	179	109	309	15	25	70	744=31	1896	61.16	+36		+16.09
June	238	649	283	776	111	235	15	33	8	10	65	720=30	1703	56.77	+52	+14	
July	205	605	61	194	155	338	255	659	22	73	46	744=31	1869	60.26	+50	+32	+31.5
August	261	818	134	468	110	239	182	449	14	27	43	744=31	2001	64.55			+37.9
SEPTEMBER	354	1592	101	225	101	181	105	411	25	32	34	720=30			+54	+24	+ 36.5
Result Total	1768		819		665	101	737		91	- 02	312	4392=183	2441	81.37 65.31	+36	+6	+23.4 $+23.16$

Remarks.—The wind during this winter prevailed from the north-westward, but the north-easterly winds were not so prevalent as during the former winter, the south-westerly winds being the next; this may account for the winter being so severe, as there can be no doubt that the wind came from a colder quarter, since in both this and the preceding summer we found the temperature colder as we approached the Magnetic Pole, which bore then nearly west from Sheriff's harbour. During the summer months the wind was decidedly most prevalent from the northward, particularly during the three latter months, which brought vast quantities of ice into the Gulf.

GENERAL ABSTRACT OF THE METEOROLOGICAL OBSERVATIONS OF THE VICTORY DISCOVERY SHIP, TAKEN ON THE ICE AND REGISTERED HOURLY. VICTORIA HARBOUR, LAT. 70° 9' N, LONG. 91° 34' W.

	Wind North- westerly		Wind South- westerly		Wind South- easterly		Wind North- easterly		Wind variable		Calm weather	Total No. of Hours	Total force of	Mean daily force	State of Temperature in the Shade		
140000000000000000000000000000000000000	Hours	Force	Hours	Force	Hours	Force	Hours	Force	Hours'	Force	Hours		Wind	of Wind	Max.	Min.	Mean
OCTOBER	334	1394	115	219	152	246	63	152	24	33	56	744=31 days	2044	65.94	+29	-23	+8.35
NOVEMBER	235	830	54	152	248	447	27	49	15	19	141	720=30	1497	49.9	+20	-42	-1.2
DECEMBER	371	2003	23	37	100	127	62	73	36	37	152	744=31	2277	73.45	_2	-42	—23.
JANUARY	401	2218	69	287	131	345		28	30	59	100	744=31	2937	94.74	<u></u> 8	-47	-27.
FEBRUARY	454	2490	19	48	92	177	39	74	13	28	79	696=29	2817	97.38	_12	-44 1	-33.
MARCH	413	2058	32	86	94	132	49	60	23	24	133	744=31	2360	76.13	-4½	-48½	-31.

Remarks.—During this winter the force of the wind was much greater, particularly in the three last months. On this circumstance our hopes of relief were chiefly founded, as by the constant tempestuous weather the ice was kept in motion until late in the month of March, and being generally from the northward, the ice presented a vast space of huge amorphous hummocks.

PROBLECTURES IN A 19 RESIDER LESS

THE RESERVE OF THE PROPERTY OF

DIURNAL VARIATION OF THE MAGNETIC NEEDLE.

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and not apply to the irregular variation, it was therefore impresent to be appropriately a use at the tureres made of T boardister Mercan manns to ever feshe even secondary and to authorized to prove that the discovery of charged surveyou is not of a modern detail but wants to send the engage of the made states was and send of the comment of the contract of the the wiles the only the section of the section of the section of the late Captain Sall a subsens to be against and the sense much suit the arrestoralle salt only interested a probability

are transported which the figure of a profession of the state of the s exclosively mine, that genitansarios having been two on board or me ent when they were land at except bed of the west most book or wheel he had access the book the small sensitive margarity and the rest areas areas I support that the continue was to secondly

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To they design house and part will THE Diurnal Variation of the Magnetic Needle was a subject which attracted the attention of scientific men about the year 1759, when many experiments were made. Its motion westward was observed to commence about 8 A.M., and continue until 2 P.M., when it became stationary for some time, and afterwards moving gradually back until it attained its first position, its utmost extent of variation being 19' 4". It was also observed that at the time an Aurora Borealis was seen, its variation though irregular, was slowly eastward in the morning and westward in the evening, and in the night suddenly both ways in a very short time. These phenomena were attributed to the power of the sun in heating the eastern magnetic properties of the earth in the morning, and those of the western in the evening; this was demonstrated by placing a strong magnet on each side of a compass, so as to keep the needle in the magnetic meridian, and alternately screening the sun from each magnet, it was observed, that when the sun was shining on the eastern magnet only, that the needle moved to the westward. This hypothesis was also corroborated by the fact, that the diurnal variation was observed to be greater in the summer than in the winter at London, as will appear by the following table of the mean diurnal variation for each of the twelve months of the year 1759:

January .	1977.78	July much see tree	13' 14"
February	8 58	August	12' 19"
March	110 17"	September .	11' 43"
April .	. 12 2"	October	10' 36"
May	130 0"	November	8' 9"
June	13" 21"	December	6' 58"

The maximum being in June, and the minimum being in December. Thus the regular diurnal variation was concluded to be occasioned by the heat of the sun, which, however, did not apply to the irregular variation; it was therefore supposed to be occasioned by some subterraneous heat which was at times unequally diffused. The above account will be sufficient to prove that the discovery of diurnal variation is not of a modern date, but we may pass over the experiments that were made subsequently, since none of them threw any light on the subject, until it attracted the attention of the late Captain Flinders, to whom also the discovery of the deviation of the magnetic needle is due.

On my voyage to the Arctic Regions in 1818, the phenomena of the magnet particularly attracted my attention, and although a paper has been published in the Transactions of the Royal Society, by Captain E. Sabine, the observations therein given are exclusively mine, that gentleman not having been even on board or present when they were made, but copied out of my note-book to which he had access. In both the editions of my narrative of that voyage, I have given, not only the observations themselves, and conclusions drawn from them, but rules for the correction for deviation, which are so simple, that any master of a merchant ship can as easily correct his course for the deviation peculiar to his ship as for the variation of the compass. Nor have these rules been superseded; for although Professor Barlow's ingenious plate has been described as "triumphant," it is by no means infallible, as it must be acknowledged that any alteration in the situation of the iron material on board the ship must affect its accuracy, and it cannot again be rectified without a good opportunity when the ship is at anchor; while it is at any rate a piece of expensive lumber, for which there is not the least necessity, if the easy rules I have given are put in practice.

During my late interesting voyage, I have not only had an opportunity of confirming all my former observations, but of adding many important facts, which our actual approach to the magnetic pole has put us in possession of. My first series of observations were made at Felix harbour, in lat. 69° 59′, long. 92° west, where the variation was found to be 89° 45′ west, and the dip 89° 55′. In order to carry on the observations on diurnal variation, which had been begun to the westward by Sir John Franklin, I was, by the liberality of Sir George Murray, then Colonial Secretary, furnished with several instruments which had been used by that scientific and persevering officer, among them the diurnal variation instrument constructed by Mr. Dolland, from whom I received the necessary instructions to use it. This instrument has already been described by Sir John Franklin, but its microscopes were since altered to make the arc more conveniently read off by them. Nevertheless, it was some time before I could use it to obtain any satisfactory result; my magnetic observatory was built entirely of snow, 200 yards distant from any metallic substance, and marks were put up for placing it in the true magnetic meridian. I soon found that this instrument, which had

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