Rec^d April 11
Ans April 12
Dr D Drake

Cincinnati March 30th 1847

Dear Sir,

The object of this note, is to ask whether you have yet made out, a tabular view of your ten years of Meteorological observations? I am extremely desirous to see it, and avail myself of its valuable results. If you have published it anywhere, please refer me to it – if not, I would thank you to inform me when and where it will appear.

Very respectfully your obed^t Servt

Dan Drake

Dr Englemann.

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for Prof Drake

Rain table in St Louis May. 1847
Changes in Temperature in Jan. 1847 &c
in Med. Reg. Jour. St Louis
Febr. 47.

Thermometrical table —	10 years
Barometrical table —	"
Fair & Rainy days —	"
Thunderstorms —	"

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Recd May 1st
Ans Nov 9th

Louisville April 26th 1848

Dear Sir,

I have access to Silliman's and the St Louis Journal containing the publications to which you refer. As to the other observations, you inquire in your letter of last April in what form I wish them. My desire is to exhibit the mean T. of the year, seasons & months, and the monthly extremes. In reference to the Barometer make them out as you please & so of the rest. I have observations made in various places, at various hours & presented in various modes, so that a combination of them into a rigid system will not be very practicable.

The first volume of my book will consist largely of a history of the physical condition of the country and its climates, populations &c, under the head of 'General Ethnology'. Its physical Geography and medical Topography will be illustrated with 16 (page) maps, the drawing of which has detained me from b'ln. My summer residence till now. One of the maps presents a section of the American bottom opposite & including St Louis. They have been executed by gentlemen of the Army educated at West point, and will I trust be found interesting.

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As to curves of Temperature, I have not made any decision. The greater part of my observations are not to be relied on, as yours are.

What you send me, I would like to receive at as early a day as may be convenient for you. I shall start to Cin: in two days, for the Summer, where and then I hope to print a volume. Please direct your letter to that city.

Very Resp.ly yours Ob.t Serv.t

Sam Drake

Dr Engelmann.

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Rec'd Nov 4th
Ans Nov 9th

Univ. of Louisville
Oct. 30th 1848

Dear Sir,

Before I left this place last spring for Cincinnati, I had the honor to address a note to you, in which I asked the favour of you to give me the mean results of your meteorological observations for 10 years. Having gotten nearly through the printing of the topographical part of my book, I must now combine such materials as I may be able to collect, on our climates; and I feel very greatly regret, at proceeding & finishing without your observations, which I suppose are more accurate than any others made with in the valley.

A mean year, from the few, is what would best answer my purposes. The mean heat of each month: Also the mean of the monthly extremes & the greatest summer heat & greatest winter cold. Concerning the pressure of the air, I am not so anxious as to temperature. If you have made observations on the dew point I would be glad to obtain the results. The winds and clouds & rain are of course indispensable.

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I shall avail myself of your publications in the St Louis & New Haven Journals.

Will you do me the favour to acknowledge the receipt of this letter, that I may know it has not miscarried, and tell me when I may expect a more extended reply from you.

Respectfully yours
Very obed't Serv't

DAN Drake

Dr Engelmann

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Rec.d Nov. 19th
Ans. Dec. 1st 26th

Univ.y of Lo: Nov. 14th 1848

My Dear Sir,

I thank you for your letter of the 9th rec.d this morning. I have engaged to furnish to my publishers the whole ms. of the Vol. now in the press, by the first of Jan: and although I shall (I fear) fail in doing so, I must furnish the 'part' — "Meteorological Etiology," as early as possible, in December. — I regret, more, I am sure, than you can, that I shall not be able to enrich that Art. with the results of your accurate and long continued obs: — I am under obligations to you, for being disposed to sacrifice something of the reputation which a publication of the whole will bring you, by giving me a part. Please do so, as early as convenient. With your Obs. and those of Dr. Ray (Cin:) Dr. Hempstead (Portsmouth) & Dr. Allenth (Marietta) I shall be able to

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perfect as it were, the climatology of the 39th degree; which, being a mean latitude of the Valley of the Mississippi and Lakes, would be an important step towards the meteorology of the whole.

I have read the proof of p 272 of my book, which I suppose completes the first 3rd of the first vol. The second, should I ever finish it, will be composed entirely of histories of diseases. In the first, I shall only find room for Autumnal fever: — of which, in reference to St Louis and its vicinity, I wish you could find time to give me, in Decr, some obs.

Very respectfully your obedt. Servt

Dan Drake

Dr Engelmann.

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Rec^d Dec 23
Ans 2 — 9th

Lo. Decr 16th 1848

My Dear Sir,

The object of this note is acknowledge the receipt of your diagrams.

It will be necessary to reduce them to the size of my page Royal Octavo - that is to the dimensions of the topographical map of St Louis and a section of the Am. Bottom, of which I send you a proof. I have put them into the hands of my draughtsman, Capt. Fuller, an engineer in the Office of Col. Long of the U.S. Army; and as soon as

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they are correct, I wish
you to look the MSS. for inspection
& Correction, before they
are placed in the hands of
the Engraver. You will observe
that the enclosed map was
made by Capt. Fuller and
of the ability of my engraver
you can therefore judge, by
the same specimen.

Yours very Respy
Sam Drake

Dr Engelmann

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Rec'd Dec 28
Ans Jan 9th

Louisville
Dec 20th 1848

My Dear Sir

I have already advised you that your diagrams must be reduced to the size of my page. I send you that on temperature (with the original) that you may correct it before it passes into the hands of the Engraver. When I get a proof sheet from his plate, I will, likewise, send it. Yours respt

Dan Drake

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