

Rec^d June 17th
Ans Nov 26

Camp Pierce June 5th 1853.

Dear Sir,

In the pressure of business at St. Louis, it escaped my recollection to ask you to supply me with corresponding observations connecting St. Louis with my work.

I enclose a printed copy of my meteorological instructions and of the printed form for the monthly registers which will explain fully what is desired. Will you do me the favor to write me at Olympia Washington Territory and will in turn keep me informed of matters of interest pertaining to my expedition.

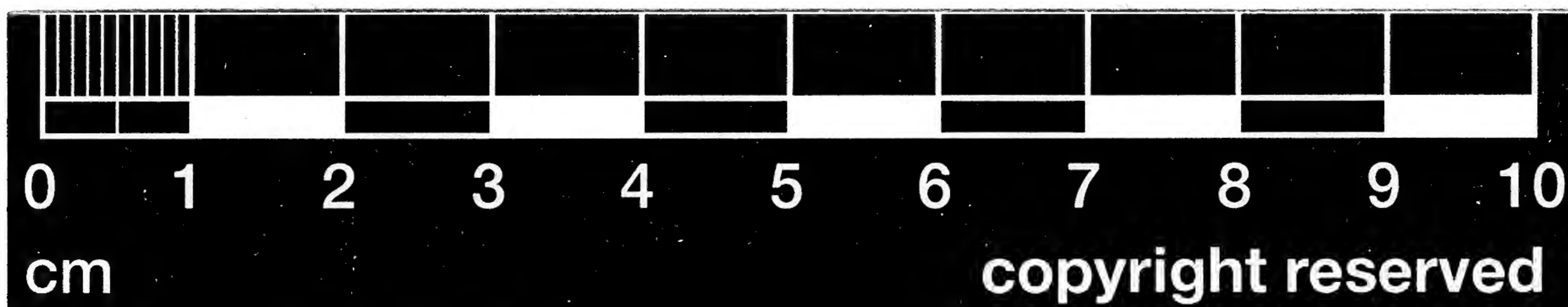
I have two parties in advance of me and move with my whole camp to day.

Yours &c.

Isaac J. Stearns

Mr. G. Engelman
St. Louis.

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Recd Aug 29th
Ans Nov 26

Camp Cushing near Fort Union
Mouth of Yellowstone. Aug. 6. 1853

To Dr. George Engelmann:

My dear Sir:

The main Party of the Expedition for the Survey and Exploration of the Rail Road Route to the Pacific are now all here and will move forward to Fort Benton on Monday the 8th inst. - Lieut Donelson and party ~~went~~ came up the Missouri River reaching here on the 3^d. ult. The over land party came by two lines. The one going Southward from Pike Lake crossed the Bois de Sioux just north of Lake Travers upon charge of Lieut. Green. The other ^{under my charge} took the Skyline valley Route.

We have therefore three routes upon which a regular series of Barometric observations have been made, besides many which have been made on our side work reconnaissances and by numerous detached parties. We have sufficient data to obtain an excellent profile of the Country, and our Meteorological force now abundantly strong, are bringing forward excellent results.

In the Party under my immediate charge the work has been entrusted to Mr. Jos. F. Moffett. who has been very assiduous in the discharge of duties - making readings ~~at every~~ hourly whilst in Camp - and at the same time on the march at which the Odometer was read. Elevations and depressions, River Valleys ~~are~~ have been made points of observation. In this party three or four have been assigned at times to his assistance and we had sufficient force the last three weeks of our march, to have three parties on detached service using the Barometer, to get the Profile



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of Country.

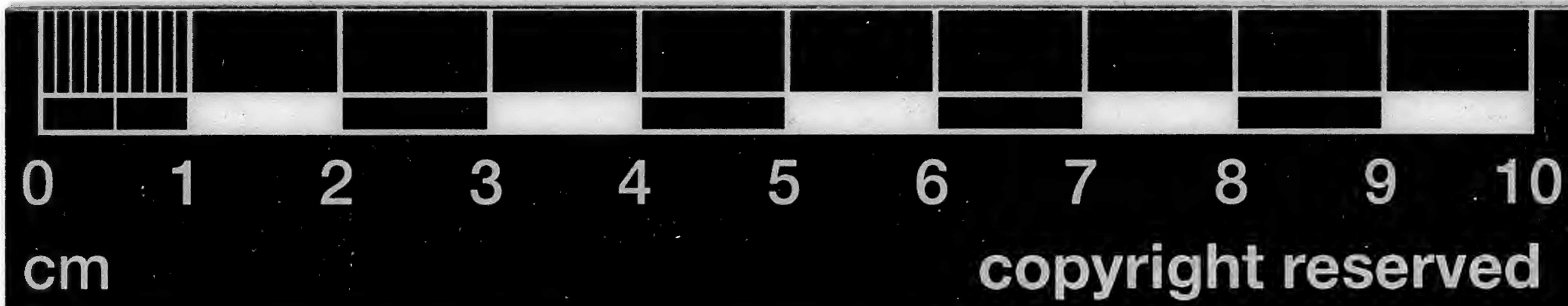
Over Lieut. Grover's line observations were taken at all their Camps. The observations were entrusted to one of the Sappers who had for some time been with Mr. Moffett - under the Lieut. Go's supervision an excellent series has been obtained.

Several of Lieut. Donelson's party are able to do good service and make all the observations - Lieut. McMillan had the immediate supervision of the Meteorological observations and had them made at every stopping point on the Missouri River - and hourly Readings after their arrival at this point.

Our Meteorological Observations will be pursued with much care hereafter. Our force now is well organized - and I shall rely much upon your making corresponding observations. We shall be on the Western side of the Mountains sometime in September - at Puget Sound by the ^{East} ~~middle~~ of October - where I shall be most happy to hear from you. Address me at Olympia, Washington Territory -

I am very truly yours,
Isaac Stevens

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