CONCERNING MAGNETOGRAM-SCALINGS AT THE BATAVIA-BUITENZORG MAGNETIC AND METEOROLOGICAL OBSERVATORY.

With great interest I have looked over the articles concerning the procedure with regard to magnetogram-scalings, published in the December, 1919, issue of *Terrestrial Magnetism and Atmospheric Electricity*.

Carefully examining the advantages and disadvantages of the three methods in question, I came to the conclusion that for Batavia should be adopted:

- I. The publication of mean ordinates for 60-minute intervals, to begin with January 1st, 1920.
- II. The adoption of standard time corresponding to 105° East of Greenwich.
- III. The adoption of the local day.¹
- IV. The adoption of hour-intervals, 0^h-1^h, 1^h-2^h, etc.

Accordingly, starting December 31, 1919, the hour mark of the Adie magnetograph is given at the hour of standard time; for the Eschenhagen magnetograph this arrangement was already made when installing it at Buitenzorg many years ago.

Mean ordinates may be read very well with the glass magnetogram-scales, already in use here.

W. VAN BEMMELEN.

¹Since the longitude of the Batavia-Buitenzorg Observatory is 7^h 07^m E. of G., Dr. van Bemmelen means by "local day" that corresponding to his standard time, 7^h.—Ed.

CONCERNING MAGNETOGRAM-SCALINGS AT LUKIA-PANG MAGNETIC OBSERVATORY.

1. In January, 1917, we began scaling our magnetograms with mean scales very similar to those described by Mr. Fleming.¹ The 60-minute interval is counted from 0^h 0^m. But unfortunately, owing to the lack of personnel, it has been necessary to diminish the work. In consequence, the day is not divided into 24 hours, but into six intervals of 4 hours, the centers of which are 2^h, 6^h, 10^h, 14^h, 18^h, and 22^h.

2. The use of C. C. T. (China Coast time, not Central China) will be continued as since March, 1908.

3. The daily means will be given in C. C. T. and also in Greenwich time.

4. The values will be uncorrected for non-cyclic change, as in the past, since we do not wish to force our opinion and procedure upon the reader. This is likely to oblige us to have 8 columns instead of 6 for each month.

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¹ *Terr. Mag.*, Dec., 1919, p. 154.