paper" is too much for speed. By count, he is listing 18 figures per date in his computation. If he will set down the figures by the "column d" method, and use the same card he is now using, he will find that never more than 8 figures per date are required. He will also find that the entire month of 60 computations requires not over 30 minutes to complete.

It may be mentioned incidentally that the "Correction Card" method, noted and illustrated in the final paragraph of the October article, while not quite so easy to learn, has a speed of 60 computations in 15 minutes.—*F. N. Hibbard.*

METEOROLOGICAL SUMMARY FOR BRAZIL, DECEMBER, 1925

By J. DE SAMPAIO FERRAZ

The Meteorological Office, Rio de Janeiro

Circulation gauged by the frequency of anticyclones was more active this month. Five of these systems visited the country with tracks as irregular as in the previous month but a little less to the south.

The tracks were abnormal on account of the occasional expansion of the continental LOW and sudden passage of the high latitude depressions. In Brazilian charts we very frequently see the areas of high pressure deformed, checked, or thrown aside of their usual paths by the depressions. November and December HIGHS were victims of such action. In the latter month the continental LOW was particularly active from the 17th to the 23d and from the 27th to the 31st.

Generally rainfall was irregular throughout the country, but much more plentiful in the south and center than in the north.

The weather in Rio de Janeiro was warm and fair, with unusual excess of sunshine. On the 24th the city was struck by a high wind from SSE. with stiff gusts of 22 meters per second.

Crops generally did well, but cane in the north still suffering from lack of rain.

As this note is being released, 21st of January, rain continues very scarce in the northeast. Precipitations in normal years should begin in January in this region. If they continue absent, a serious drought may set in. The general aspect of daily charts indicate still a southern run of anticyclones, which is an ominous sign.

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