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 Major General C. T. Menoher, U. S. Air Service, Washington, D. C.  
 Prof. W. I. Milham, Williams College, Williamstown, Mass.  
 Sr. José C. Millás, Observatorio Nacional, Habana, Cuba.  
 Prof. J. Warren Smith, U. S. Weather Bureau, Washington, D. C.  
 Sir Frederick Stupart, Meteorological Office, Toronto, Canada.  
 Prof. C. Fitzhugh Talman, U. S. Weather Bureau, Washington, D. C.  
 Prof. Wilford M. Wilson, Cornell University, and U. S. Weather Bureau,  
 Ithaca, N. Y.

The following *Amendment to the Constitution* was adopted, 129-15:

Art. VII (Election of Officers), Sec. 1. Omit last half of third sentence:

“; except, if a person is nominated for two or more offices, other than Secretary and Treasurer, his name shall appear for only that one for which he received the largest number of votes.”

and add the following just before the closing sentence (after 5th word in 17th line):

“In case a candidate fails of election to office, the votes cast for him shall be counted as if he were a candidate for councilor.”

The seal appearing at the end of this issue of the BULLETIN was adopted, 138-5.

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#### Some Actions Taken at Meeting of Council Dec. 28 and 29, 1920.

Sir Frederick Stupart's invitation to the Society to hold its next annual meeting in Toronto was cordially extended by Dr. Patterson, and accepted by the Council. Dr. Patterson said they would do all things possible to provide facilities for a successful gathering.

Cordial invitations from the Mayor and Chamber of Commerce of Buffalo to hold our next meeting in that city were declined with thanks.

The various committees of the Society were continued and their chairman reappointed for 1921, with the following exceptions:

The Seal Committee should cease to function if the ballots to be counted showed that the seal had been adopted by the Society.

The Committee on Business Meteorology, Mr. A. W. Douglass, Chairman, was merged with the Committee on Commerical Meteorology. Mr. H. J. Cox, Chairman, Mr. Douglas was made Vice-Chairman of the enlarged committee.

At the request of Mr. J. H. Scarr, Chairman of the Committee on Marine Meteorology, he was relieved, and Mr. F. G. Tingley, Vice-chairman of the Committee was appointed Chairman.

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The scientific program presented at Chicago will be summarized in the February issue of the BULLETIN.

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#### PERSONAL NOTES.

ROSCOE NUNN, Meteorologist and Section Director of the U. S. Weather Bureau at Nashville, Tennessee, was elected President of the Tennessee Academy of Science at its annual meeting at Knoxville, November 26, 1920.

ALFRED H. THIESSEN, District Forecaster and Section Director of the U. S. Weather Bureau at Denver, Colorado, resigned on December 11, 1920, to accept

a commission as Captain in the Signal Corps of the Army. Capt. Thiessen has been placed in charge of the Signal Corps School of Meteorology at Camp Alfred Vail, New Jersey.

J. M. SHERIER has been transferred from Davenport, Ia., to Denver to take Capt. Thiessen's place.

"J. M. Sherier has remained good-natured through so many years that Davenporters have been blaming him for our bad weather and praising him for the good, that we shall all be sorry to have him leave us, while we divert our witticisms to someone who may not be so even-tempered and long-suffering."—*Democrat Leader*, (Davenport, Iowa).

FLOYD D. YOUNG, in recent years alternating between Pomona, Calif., and Medford, Oregon, in charge of the Weather Bureau's fruit-frost investigations and forecasting at those two places, has been assigned to Davenport to take Mr. Sherier's place.

WALDEMAR NOLL, until recently the meteorologist in the ordnance department at Aberdeen Proving Ground, Md., is now instructor in physics at The Citadel, the military college of South Carolina, Charleston.

COL. CHARLES DE F. CHANDLER, was retired from the U. S. Army on Oct. 16, 1920, on account of physical disability.<sup>1</sup> Since 1906 he has been actively identified with the aeronautical work of the Army. During the war he was first in charge of the Army Balloon School at Ft. Omaha, Nebr., and later in charge of the Balloon Section, A. E. F. Since his return from France in March 1919, Col. Chandler has been in charge of the Balloon and Airship Division of the Air Service. He was awarded the Distinguished Service Medal and is an Officer of the Legion of Honor (France). Col. Chandler is a member of the American Meteorological Society.

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### MONTHLY WEATHER REVIEW, October, 1920.

(Issued Jan. 4, 1921.)

The October issue of the *Review* contains 6 contributions and 14 notes or abstracts. The contributions are noted below:

\*The law of the geoidal slope and fallacies in dynamic meteorology. C. F. Marvin. (8 figs., pp. 565-582.)

[The action of gravity upon bodies moving over a rotating globe is expressed in two wholly independent inertia reactions. One of these has long been known and dignified by a specific title, *the law of equal areas*. Its action in the dynamics of the atmosphere has been fully discussed, even exploited, by practically all writers on the subject. The other reaction has also long been known, but strangely enough has never been christened. Nameless and neglected, the important part it plays in controlling the motions of the air has been overlooked and misunderstood, or even ascribed to friction and other actions, with the result that serious fallacies have been introduced in many text-books and writings both by the popular authors and even the mathematicians.

The present paper aims to clear away these mistakes and proposes that the neglected principle be dignified by the name of *the law of the geoidal slope*.

The two actions are inseparable, simultaneous in their operation, not directly antagonistic, but coördinate and complementary. Their action on a body in frictionless motion on a rotating globe is analyzed and made clear.

The general motions of the atmosphere are briefly discussed as steady motions under forces balanced against resistances, and the principal equations of motion are given for cyclonic, anticyclonic, and parallel systems of isobars, including a table of gradient winds for different latitudes and conditions.

<sup>1</sup> Cf. note and portrait in *The Aviation and Aircraft Journal*, Nov. 29, 1920.