LECTURES TO STUDENTS

Mr. Sullivan of U. S. Weather Bureau Makes Interesting Talk.

Mr. Sullivan, who has charge of the United States weather bureau in this State, delivered an interesting lecture before classes in Physiography on Wednesday night. Mr. Sullivan has consented to give a series of lectures, one weekly, on subjects relating to his work. The subject of his lecture on Wednesday was "The Atmosphere."

He opened his lecture by giving in a few words one theory as to the origin of this planetary system of ours. He described the earth as it is supposed to have been before life was upon it. The origin of the moon was also discussed. Then Mr. Sullivan took up the subject of the atmosphere, giving its composition, and speaking of the immense pressure it exerted on the surface of the earth. The atmosphere becomes lighter in direct proportion to the altitude.

He mentioned the fact that the per cent of carbon, oxygen, and nitrogen decreases on ascending. A man can live at about 7 miles altitude, certainly no higher. He defined temperature; spoke of the transmission of heat. The great sudden changes in temperature are due to movements in the atmosphere. The seasons were discussed by Mr. Sullivan. He spoke of rainfall in different parts of the world. He answered the question, "What is the cause of the condensation of water vapor?"

Mr. Sullivan concluded by explaining the wind changes due to the rotation of the earth. He will speak again next Wednesday evening at 8 o'clock in the semi-circular room of LeConte College.

Shibboleth Club Banquet.

The Shibboleth Club of the University gave a banquet to its members Tuesday night at the Jerome Hotel. The club is composed of all members of the Masonic order who are in attendance at Carolina and the members of the faculty who are Masons. Besides the regular members of the club, Mr. H. G. Tucker Fisher, Miss Miriam Suddler, and Miss Kate Graham, also spoke.

Monday night in the University gymnasium, the University German club will give a dance in honor of the Lafayette team.