Observatories--

Continued from page one

whether or not the observatory will be open. Visitors are also requested to walk to the observatories by way ot the jath that joins tories by way of the path that joins

Both the 10-inch reflecting telescope and the 6-inch refracting telescope will be used, Dr. Yeagley explained. The observatories will be operated under the direction of Joseph Vrabel, of the Department of Physics.

The summer program follows: Week beginning June 29, Saturn and its rings and moons and the Earth's moon; July 6, double stars, star clusters, and Saturn and its rings and moons; July 13, nebulae and double stars; July 20, milky way, nebulae, Jupiter and its moons; July 27, Jupiter and its moons and the Earth's moon.

The two observatories were built on the campus in 1939-40 and were the gift of the Class of 1938.

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59% Vets

Of the record 2075 students enrolled in the three-week Inter-Session at the College, 59 pr cent were veterans.

The figure does not include 137 veterans who are attending the five technical camps maintained by the College for practice work.

Figures for last year's Inter-Session show that more than 900 veterans were included in the then record enrollment of 1500, while only 400 veterans attended the 1947 session.

Leo Houck, Penn State boxing coach, is an advocate of handball as a physical conditioner.

Scientists Visit College In Ionospheric Conference

More than 100 scientists from North America and the British Isles will attend the conference on Ionospheric Research to be held at the College today through Wednesday.

Principal purpose of the conference, which is sponsored jointly by Penn State and the Geophysical Research Directorate of the U. S. Air Force, is to acquaint scientists in the field with the latest theoretical and experimental developments in ionospheric research—particularly at frequencies below the broadcast level.

Experimental and theoretical analyses of radio propagation at very low frequencies have been neglected by scientists over the years because of the magnitude of the instrumentation required. For similar reasons the exploitation of the very high frequency radar regions was delayed until the pressure of war showed them to be useful.

During the war, the development of long range navigational equipment, such as Loran, by British and American scientists pointed out the value of the low frequency spectrum to precise navigational and control services. Accordingly, post-war research efforts are actively being directed toward the exploitation of this low frequency region.

In order to study the transmission properties of these radio waves, certain experimental and theoretical analyses of the effect of the ionosphere at these frequencies must be made.

Working with the U. S. Air Force, the Pennsylvania State College has recently formed a new laboratory group, known as the Radio Propagation Laboratory. The group combines the research efforts of two older research units, the Ionosphere Studies Group and the Long Wave Propagation Group. It is believed to represent the largest group of scientists working in the low frequency region.

Note Room Use Reservations

Mrs. Naomi Haupt, secretary of the Central Booking Office, recently announced that all rooms in campus buildings to be used for extra activities, entertainment, or recreational purposes must be reserved 24 hours in advance.

This information was released for the benefit of new or visiting instructors to the campus. The ruling is necessary to prevent duplication of meeting places and to meet fire and safety regulations. It applies to picnics in Hort Woods as well as to parties or dances in the TUB or any other campus building.

Groups or instructors desiring to make such reservations after 5 p.m. weekdays or on Saturday afternoon or Sunday may do so through the Central Booking Office, 320 Old Main. During regular class hours reservations may be made through Ray V. Watkins, College Scheduling Officer, at the Armory.

CLASSIFIEDS

All classified advertisements must be placed before 5 p.m. on Tuesday's preceding issue. Rates are 50 cents per insertion of 17 words or less, 3 cents per additional word. Call Collegian 6711.

MISCELLANEOUS

FOR PICNICS: Excellent fruit punch, $1.50 the gallon; party cookies, sandwiches, cakes, Gugelhopt $1.50, serves 20-25 persons. Frida Stern, 122 Irvin avenue. Phone 4818.

FOR APPLICATION PICTURES which really sell, visit the Lion Studio at 136 E. College avenue. No limit on proofs and never any proof charge. For a portrait which personifies, stop in for a sitting or phone 4454.

WANTED

WANTED—Ride to Phoenix, Ariz., or vicinity. Share expenses. Call 4852 after 5 p.m.

FOR RENT

DOUBLE ROOM available immediately for two male students. Call 2598, 512 West Foster avenue.

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18½-FOOT ROYAL TRAILER, $800. Excellent condition. Large screened porch, stove with oven. Available September. Contact Oyler, 340-B Windcrest. Phone 7138.

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