MT WILSON TO MEASURE HEAT FROM MARS

Pasadena, Calif.-

The largest telescope in the world, the 100-inch reflector at Mount Wilson Observatory here, will be turned upon Mars at the time of its closest approach to earth in August, if conditions are favorable, Dr. Walter F. Adams, of that institution says. It is probable that photographic plates sensitive to red light will be used in order to detect differences in the kind of light from different parts of the surface. Measurements of the heat radiated from the polar caps and other portions of the surface will also be made.

ASTRONOMER-ARTIST TO OBSERVE AT YERKES OBSERVATORY

Williams Bay, Wis. - When conditions are highly favorable for the observation of Mars, Prof. George Van Biesbroeck, an experienced artist, will make drawings of that planet, using the Yerkes Observatory forty-inch telescope, Dr. Edwin B. Frost, director of the Observatory, has announced. Owing to the low altitude of Mars in the sky and the consequently poor observing conditions at the time of opposition no photographic observations are planned.

"At the succeeding opposition when the altitude is more favorable and when speical apparatus can be designed by Prof. Frank E. Ross who will then be here, we shall secure photographs," Dr. Frost said.

SPECIAL LIGHT SENSITIVE PLATES TO CATCH MARS AT LICK OBSERVATORY

Mount Hamilton, Calif. - Photographic observations of Mars with special plates and color filters will be made during the next month, Dr. R. G. Aitken, assistant director of Lick Observatory, announced.

"Specially prepared plates sensitive to ultra violet and red light as well as light to which ordinary photographic plates are sensitive, will be exposed through the Crossley reflecting telescopes," Dr. Aitken explained. "Light with wave-lengths of 7500, 4500, and 3600 Angstrom units will be utilized. Orthochromatic plates and color filters using light of wave length of 5600 Angstrom units will be used in connection with the 36-inch refracting telescope."

Positions of the satellites of Mars will be measured and the planet will be watched visually as occasion offers

HARVARD ASTRONOMERS IN JAMAICA PLAN VISUAL OBSERVATIONS OF MARS

Cambridge, Mass. - An extensive program of intensive visual observations of Mars with the Draper telescope will be carried on in August by Prof. W. H. Pickering and his assistants at the Mandeville, Jamaica, station of the Harvard College Observatory. Dr. Harlow Shapley, director of the Harvard College Observatory, announces that no plans have been made for the observation of Mars at the Arequipa or Cambridge stations.

Pittsburgh, Pa. - "Mars will be a little closer to the earth on August 22 than at any recent opposition period but the advantage gained is very slight, only about one per cent."says Dr. H. D. Curtis, director of Allegheny Observatory. "Unfortunately, it will also be 18 degrees south of the celetial equator and thus unfavorably situated for Observers in the northern United States. No extensive program of observations is being planned at Allegheny Observatory though some photogrphs may be attempted."