



SN R. Cooke, SNAG G. Wallace, LTJG J. McClelland, AG1 R. Romzek, SNAG C. Traver.



Wallace working on weather maps.



Romzek and Cooke deciphering data obtained from radiosonde balloon.



Traver taking sea water temperature — just about right for swimming.

AG

Will the day be warm and clear? Cold and snowy? Rainy and cloudy? What will be the temperature? Are the seas going to be calm and smooth or rough and stormy? These and many other questions are asked daily of the Aerographers' Mates; weathermen of the "Wind of the West".

AG's make surface weather observations hourly. When underway, they take bathythermographs (BT's) every six hours. BT's give the sea temperature at various

depths down to 900 feet. Upper air observations are made by using radiosonde observations and radiosonde weather balloons. By the use of a radio transmitter in the balloon, the AG's are able to obtain barometric pressure and temperatures at high altitudes. From these and other observations — coupled with an educated guess and some good luck — the AG's make up weather maps and daily forecasts.