


81 becomes wider. Gusts blow the white tops ⁶³¹²⁰⁸⁻¹⁸¹ as clouds of mist across the water at great speeds. Gusts of wind also make the water choppy and waves of short intervals.

Banks keep water relatively quiet because of pressure of wind which builds up against the bank. It was noted that high waves develop in these areas when gusts of wind blows and in 30 seconds can produce waves which would lopsize a canoe. The larger waves move in from the main wave beyond influence of bank. On gusty days it is not advisable to attempt crossing wide stretches of water because of the abruptness (30 or less seconds) of wave development. The noise of the wind among new growth of willow along river and high cottonwoods is an unforgettable experience, especially with winds of 50-60 miles per hour. Returned home and took photos 631208-21 to 631208-23 of Mary Pauline Bee.



Univ. Kansas, Douglas Co., Kansas

Dec 9, 1963

Photographed 2 relief maps, one of United States & one of the world.

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|--|---------------------------------------|
| 631209-1 world | 631209-11 E. U.S. |
| 631209-2 N. Am & Greenland | 631209-12 Wyoming |
| 631209-3 near East and Africa | 631209-13 Arizona |
| 631209-4 Australia | 631209-14 S. Basin & Colorado Plateau |
| 631209-5 N & S America E. Asia | 631209-15 S. Texas - Mex. |
| 631209-6 E. Asia N. America | 631209-16 W. U.S. |
| 631209-7 U.S. | 631209-17 Alaska |
| 631209-8 W. U.S. | 631209-18 Alaska |
| 631209-9 Utah - Colorado - Arizona, New Mexico | 631209-19 W. U.S. |
| 631209-10 Washington | |

Univ. Kansas, Douglas Co., Kansas

Dec 10, 1963

Ice already formed on S side Potters Lake at 8:00 A.M. By 5:00 P.M. it had advanced approximately 2 feet northward. Ice on north side of lake started to form after 8:00 A.M. and gradually extended southward in projections to $\frac{1}{3}$ the distance across the lake. Snow fell on the ice at 4:30 P.M.

Dec. 11, 1963

John Howard Hill II from Waverly, Kansas and a freshman