Substance	Formula	Temperature of Vaporization	Latent Heat of Vaporization
Ethyl bromide	C_2H_5Br	38.2	60.4 Calories
Amyl iodide	$C_5H_{11}I$		47.5
Aldehyde	$CH_3.CHO$		136.4
Chloroform	$CHCl_3$	0	67
Ether	$(C_2H_5)_2O$	34.9	90.4
Acetone	$CH_3.CO.CH_3$	56.6	125.3
Formic acid	$HCOOH$		103.7
Acetic acid	CH_3COOH	118	84.9
Acetic anhydride	$(CH_3CO)_2O$	137	66.1
Dichlor-acetic acid	$CHCl_2COOH$	138.4	79.1
Valerianic acid	$C_5H_{10}O_2$		103.5
Ethyl acetate	$C_4H_7O_2$		105.8
Acetyl chloride	CH_3COCl		78.9
Acetonitrite	CH_3CN	81.5	170.6
Ethyl amine	$C_2H_5NH_2$		146.2
Benzene	C_6H_6	0	109
Toluene	$C_6H_5CH_3$	111	83.5
Nitro-benzene	$C_6H_5NO_2$	151.5	79.1
Aniline	$C_6H_5NH_2$		93.3
Acetophenone	$C_6H_5COCH_3$	203.7	77.2
Benzonitrite	C_6H_5CN	191	87.7
Piperidine	$C_5H_{11}N$	105.8	88.9
Pyridine	C_5H_5N	115.5	101.4

that in the morning the surface temperature rises about 0.6° per hour. This, however, appears to account for but a small fraction of the solar heat which the lake had taken up; the rest must have been expended in evaporation. Another element of great importance is the transparency of water. As a result the rays of the sun are not absorbed