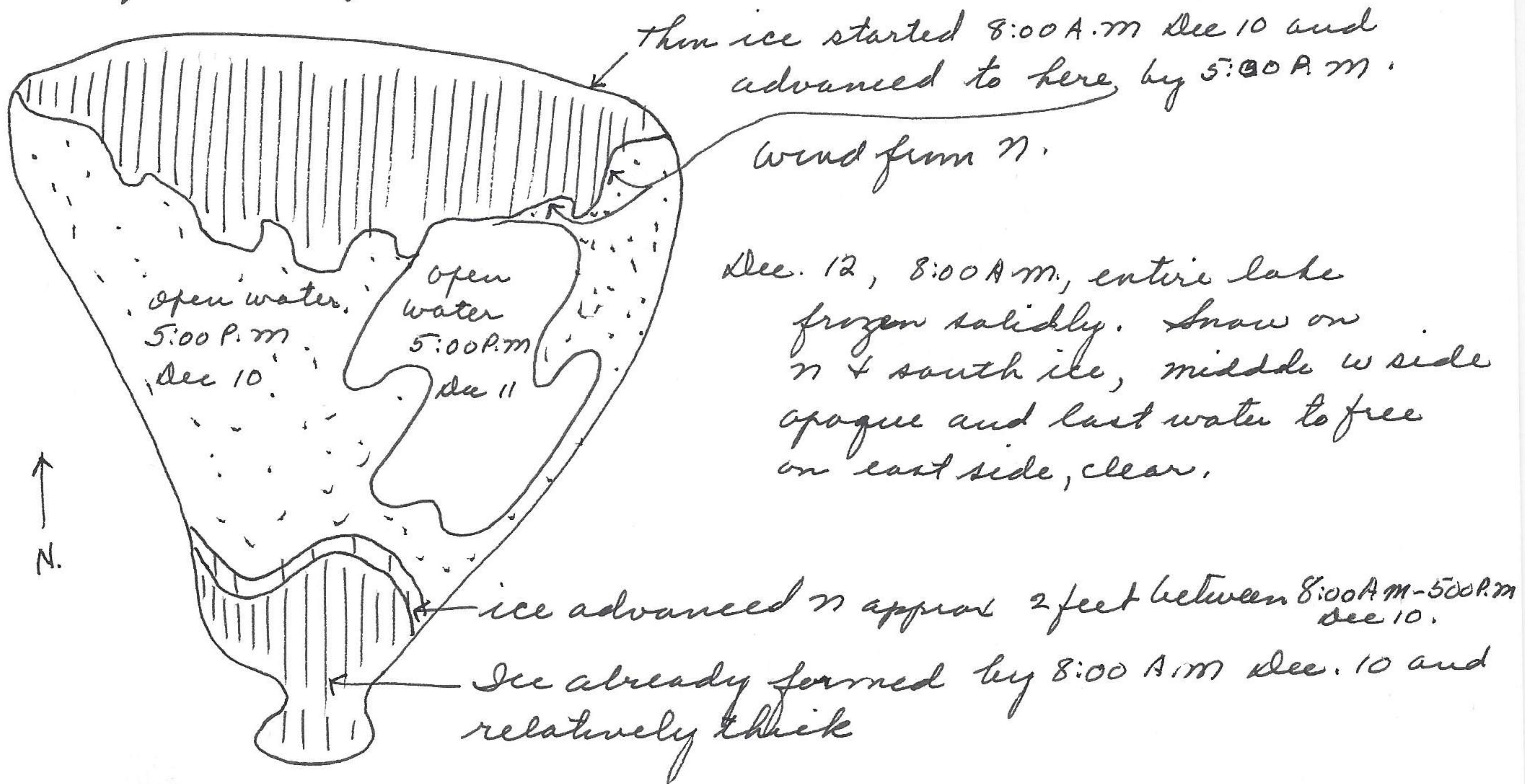


631211-182  
at K.U. (a very reliable informant) noted approximately 800 snow geese (some blues) passing south <sup>1:00 P.M.</sup> over the campus between Snow Hall and Hall. There were three flocks in the group

Univ. Kansas, Douglas Co., Kansas

Dec 12, 1963

The sequence of the freezing of Patters Lake is as follows:



Univ. Kansas, Douglas Co., Kansas

Dec 13, 1963

Skates are on all parts of Patters Lake. Surface features the same as Dec. 12. At home the food on bud feeder ran out Dec 11. at which time there were at least 50 English Sparrow as permanent residents at the feeder. Today there are no sparrow but the starling, jay, + redbellied woodpecker are in greater numbers and are feeding on the suit. I record here an observation of last week. The skies in the evening were pinkish or lavender for the week preceding the first freezing weather of Dec. 10. There was also considerable <sup>diffused</sup> yellows in the sunset and the artificial lights seemed brighter. The season has been very dry and the deficit is between 13 and 15 inches of precipitation. many of the natural springs and ponds are dry. The Kaw river is higher than usual and is probably being implemented by the reserve waters of Tuttle Creek reservoir N of Manhattan, Kansas.