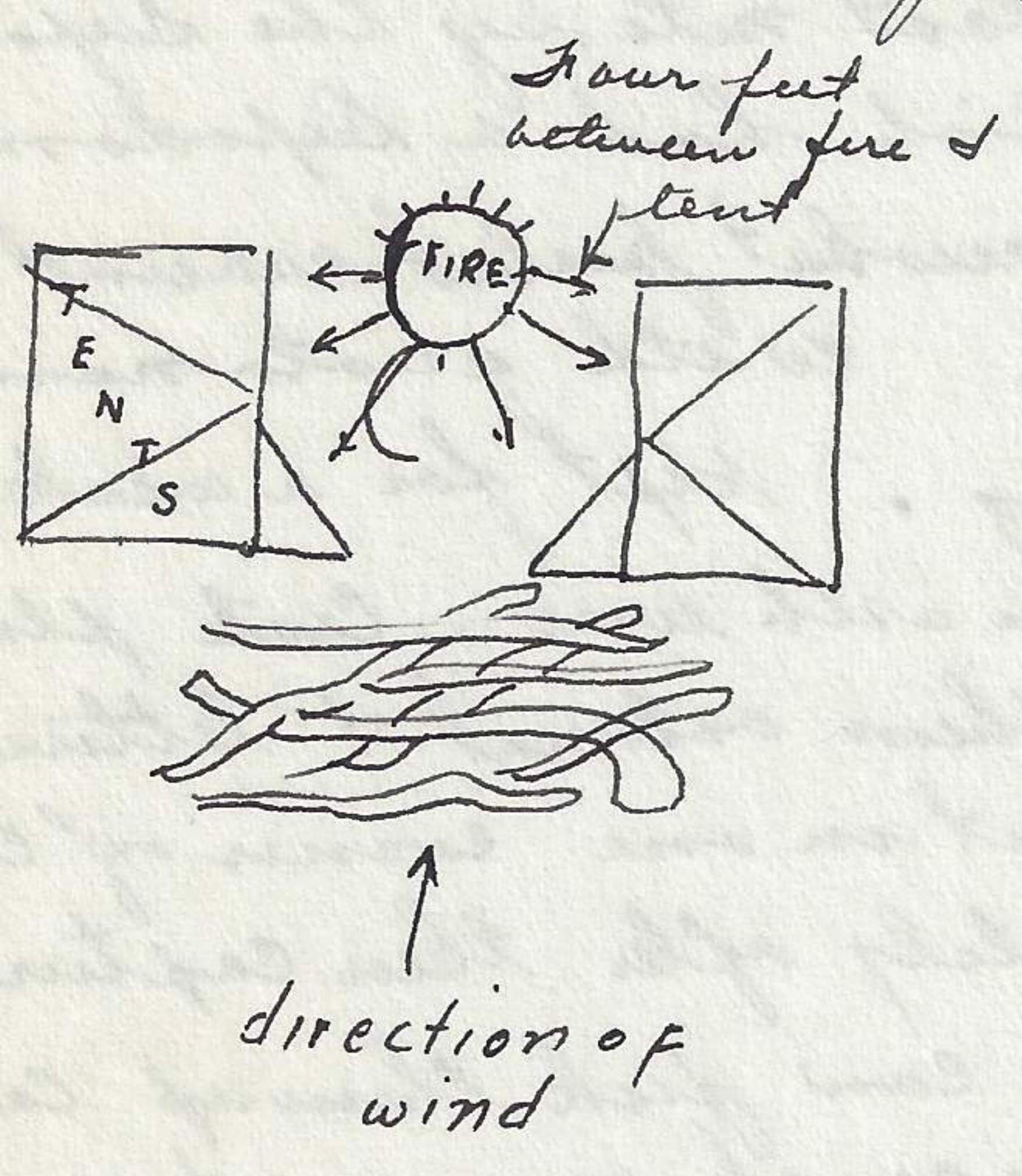


maximum numbers at Bear flat. Snow from eagle pass on. Found the snow to increased in depth abruptly at head of slide canyon where canyon takes southern trend toward Bear flat. Snow at Bear flat about 11" deep. Temperature here at 11:00 P.M. = 26°F with constant wind down canyon to the north. Camped at terminal of medial ridge on flat portion of east shoulder. Just collected about 20 small ^{dead} aspen trees for fire wood and placed on windward side of camp; then cleared snow from ground and set up tents and built fire between them. The position of fire should not be in the



center of the clearing between the two tents but toward the edge where the wind can carry flame and sparks beyond tent and at the same time give off lateral radiation. The fire should be 3 feet in diameter with flame volume about a square yard for best results. A guard must be constantly on the alert for flying sparks which might fall on tent or sleeping bags. With such a close arrangement one

must be absolutely sure that the wind is prevailing and will not change in the least degree during the entire course of the night. Found that the ground supported considerable water with mud developing 2 feet from edge of fire. This muddy condition remains at edge of front of tent and develops under groundcloth, so fur baws are important in keeping ground cloth & bed above the water soaked ground. Outside the immediate confines of fire, the ground remains solid and frozen except during the day time when the area exposed from the removal of snow become generally muddy and soft. Such a camp will be a wet one until the water in soil are removed which involves several hours. Water will continue to issue from baws under sleeping bag inside of tent, so precaution should be taken to place sufficient fur baws under ground cloth.

May watch came at 4:30 A.M. to daybreak so (11-16-40) had a chance to watch the new day issued in. The full moon make a most eloquent site of the snow covered mountains, giving to it a brilliance that is most enchanting. Daybreak come with the bright moon still in the western horizon. Temperature at 4:30 A.M. = 31°F. at 6:22 A.M. = 33°F. Morning star up at 6:22 A.M. with daybreak well advanced. At 7:00 A.M. the first birds become active including the S.T. Chickadee, Utah Jay, R. Mt Pine Grosbeak, robin. Temp 33°F. At 8:00 P.M. Temperature 32°F. The temperature range is a little out of the normal range with irregular fluctuation. After breakfast we