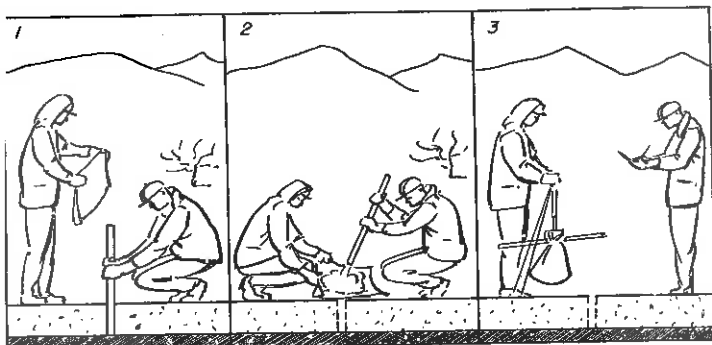


## Sampling very shallow snow



If water content of the snow is less than 2 inches, it is difficult to read the weighing scale accurately for single sampling points. Do as follows:

1. Take a sample at the sampling point.
2. Empty the core into a bucket or any container that can be tied to the weight scale. (If the empty container used is not heavy enough to record an empty weight on the scale, add more weight. Use sections of sampling tubes, driving wrenches, or anything handy.)
3. Record the depth of snow and length of core as shown on sample note on the next page.
4. Weigh container and any weights when all the sample cores have been accumulated.
5. Record this weight in the bottom of the column "Weight of Tube and Core."
6. Empty snow from container. Weigh container and weights and record this figure at the bottom of the column "Weight of Empty Tube."
7. Subtract weight of empty container from weight of container and core. Record the difference at the bottom of the column "Water Content Inches." To obtain average water content on the

snow course, divide total water content by total number of sampling points.

8. Total the snow depths and divide by number of sampling points to get average snow depth.

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UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
FEDERAL AND STATE  
COOPERATIVE SNOW SURVEYS

State ARIZONA  
Drainage Basin GILA  
Snow Course SUICIDE PARK  
Party GEO. WATT - DICK ENZ  
Date FEB. 15, 1972

*Description or Number of Course	†Sample Number	Depth of Snow Inches	Length of Core Inches	Weight of Empty Tube	Weight of Tube and Core	Water Content Inches	Density Percent	Remarks (See reverse)
	1	2	2					DRY
	2	2½	2					
	3	6	5					
	4	3½	3					G.D.F.
	5	2	2					
	6	6	5½					
	7	8½	7					G.D.F.
	8	2	2					
	9	3½	2½					
	10	5	4½					
		//						
TOTAL	⑩	41		18	30.5	12.5	30	
AVG.		4.1				1.3		

\*Show number or description as given on sketch map, i. e., "Course No. 1," or "Major Course," or "N 5° E," etc.

†Always start measurements for sampling from the initial point as shown by the sketch map of the course and follow the spacing for samples as indicated. Particular care should be taken to note any irregular spacing between samples.

No. 1 of 1 sheets. Comp. by D. ENZ. Checked by W.A.T.T.