

TABLE 6. -- Results of percolation tests at piezometer sites under various soil-moisture conditions

Site No.	Piezometer depth(max) below land surface (in feet)	Wet ^(Raining) conditions		Flood conditions		Dry ^(summer) conditions	
		Date	Percolation rate (MIN) \checkmark	Date	Percolation rate (MIN) \checkmark	Date	Percolation rate (MIN) \checkmark
1	5.0	12-12-74	13.3	1-14-75	Land Surface under water	7-23-75	app. 10.
	9.2	do	1.2	do	do	do	0.3
	12.4	do	1.3	do	do	do	0.3
2	5.1	12-11-74	< 0.1	1-14-75	Land Surface under water	7-23-75	< 0.1
	8.4	12-12-74	7.1	1-14-75	Land Surface under water	7-23-75	< 0.1
3	5.0	12-12-74	7.1	1-14-75	Land Surface under water	7-23-75	< 0.1
	8.4	do	1.8	do	do	do	0.6
	12.5	do	0.9	do	do	do	3.1
4	8.5	12-11-74	0.2	1-14-75	Land Surface under water	—	—
5	5.0	12-11-74	21.4	1-16-75	—	7-23-75	0.2
	8.5	do	0.1	do	< 0.1	do	< 0.1
	12.4	do	< 0.1	do	0.1	do	0.1
6	5.0	12-11-74	2.7	1-16-75	3.9	7-23-75	0.1
	7.2	do	0.7	do	< 0.1	do	0.1
	12.4	do	11.3	do	< 0.1	do	0.4
7	5.3	12-11-74	< 0.1	1-16-75	0.4	7-23-75	< 0.1
	8.8	do	< 0.1	do	< 0.1	do	< 0.1
8	5.6	12-11-74	0.1	1-15-75	Land Surface under water	7-23-75	< 0.1
9	4.2	12-11-74	1.8	1-15-75	0.1	7-23-75	< 0.1
10	5.0	12-12-74	< 0.1	1-15-75	< 0.1	7-23-75	< 0.1
11	5.0	12-12-74	< 0.1	1-15-75	< 0.1	7-23-75	< 0.1
12	8.8	12-11-74	< 0.1	1-15-75	< 0.1	7-23-75	< 0.1
13	4.5	12-11-74	< 0.1	1-15-75	< 0.1	7-23-75	< 0.1
14	8.0	12-11-74	0.2	1-16-75	0.4	7-23-75	0.1
15	4.0	12-11-74	1.4	1-15-75	Land Surface under water	7-23-75	3.2
16	8.3	12-11-74	0.9	1-15-75	Land Surface under water	7-23-75	< 0.1
	11.1	do	1.1	1-15-75	do	do	< 0.1

\checkmark Time required, in minutes, for water to percolate 1 ^{foot} vertically in piezometer. A percolation rate of 60 minutes or more is considered by the U.S. Public Health Service (1967) as unsuitable for an absorption system.