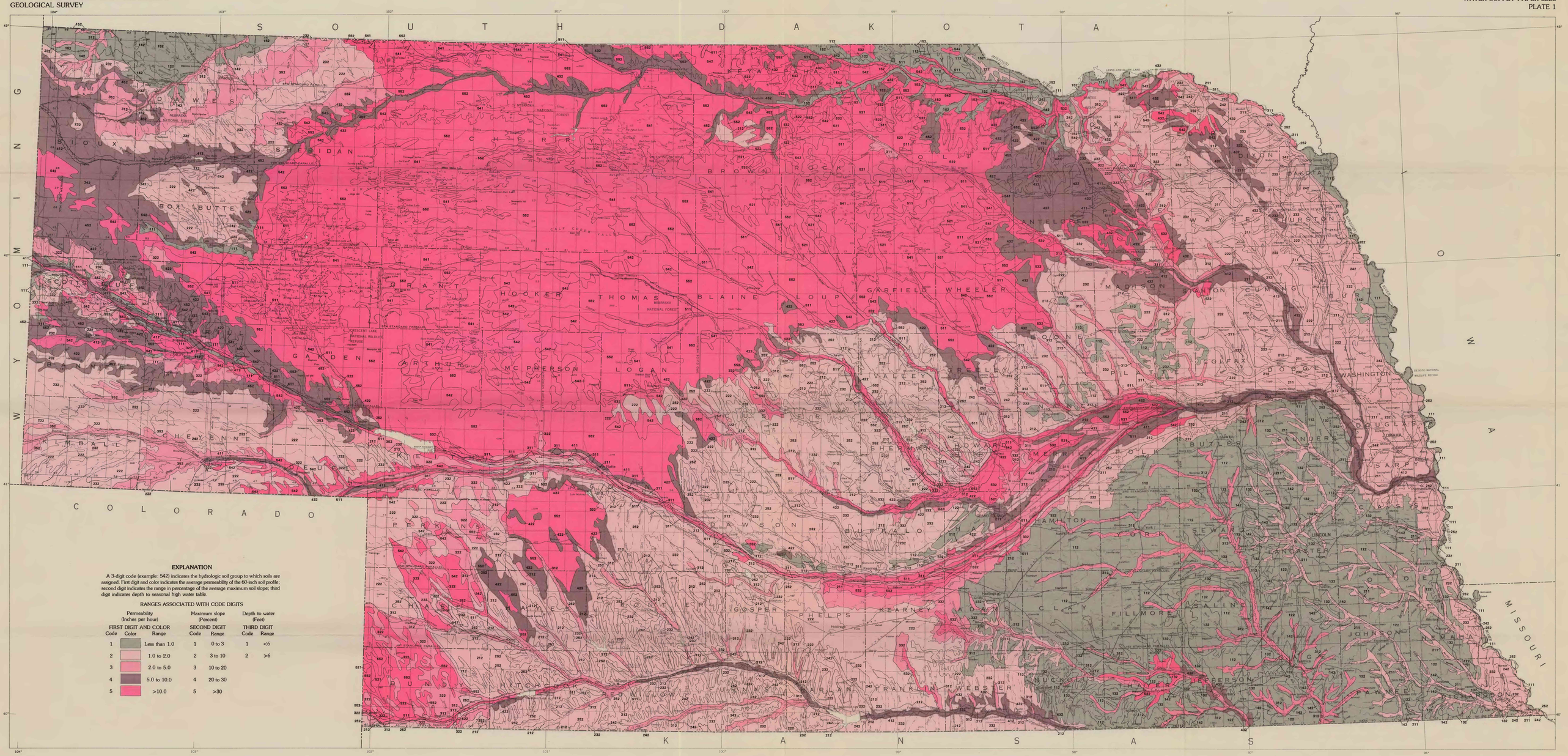
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER SUPPLY PAPER 2222
PLATE 1



EXPLANATION

A 3-digit code (example: 542) indicates the hydrologic soil group to which soils are assigned. First digit and color indicates the average permeability of the 60-inch soil profile; second digit indicates the range in percentage of the average maximum soil slope; third digit indicates depth to seasonal high water table.

RANGES ASSOCIATED WITH CODE DIGITS

Permeability (Inches per hour) FIRST DIGIT AND COLOR Code	Color	Range	Maximum slope (Percent) SECOND DIGIT Code	Range	Depth to water (Feet) THIRD DIGIT Code	Range
1		Less than 1.0	1	0 to 3	1	<6
2		1.0 to 2.0	2	3 to 10	2	>6
3		2.0 to 5.0	3	10 to 20		
4		5.0 to 10.0	4	20 to 30		
5		>10.0	5	>30		

SCALE 1:750 000

10 0 10 20 30 40 MILES

10 0 10 20 30 40 50 KILOMETERS

Map based on "General Soil Map of Nebraska", U.S. Department of Agriculture Soil Conservation Service and Conservation and Survey Division, University of Nebraska-Lincoln, (1978–82).
Hydrologic characteristics derived from soil-properties data (U.S. Department of Agriculture Soil Conservation Service, 1978)

GENERALIZED HYDROLOGIC SOIL GROUPS IN NEBRASKA