

Summary by Map Unit – Howard County, Maryland (MD027)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AwB	Alloway silt loam, 2 to 5 percent slopes	D	58.2	0.00%
BaA	Baile silt loam, 0 to 3 percent slopes	C/D	2,540.70	1.60%
BeA	Benevola silt loam, 0 to 3 percent slopes	C	144.3	0.10%
BeB	Benevola silt loam, 3 to 8 percent slopes	C	535.6	0.30%
BeC	Benevola silt loam, 8 to 15 percent slopes	C	116	0.10%
BrC	Brinklow channery loam, 8 to 15 percent slopes	C	321.3	0.20%
BrD	Brinklow channery loam, 15 to 25 percent slopes	C	1,341.90	0.80%
BtF	Brinklow-Blocktown channery loams, 25 to 65 percent slopes	C	594.6	0.40%
CeB	Chillum loam, 2 to 5 percent slopes	C	457.5	0.30%
CeC	Chillum loam, 5 to 10 percent slopes	C	479.3	0.30%
ChB	Chillum-Russett loams, 2 to 5 percent slopes	C	399.2	0.20%
ChC	Chillum-Russett loams, 5 to 10 percent slopes	C	380.5	0.20%
Co	Codorus and Hatboro silt loams, 0 to 3 percent slopes	C	5,060.00	3.10%
Cp	Codorus and Hatboro soils, 0 to 2 percent slopes, frequently flooded	C	244.6	0.20%
CrD	Croom and Evesboro soils, 10 to 15 percent slopes	C	438.7	0.30%
DhB	Downer-Hammonton sandy loams, 2 to 5 percent slopes	A	105.7	0.10%
DhC	Downer-Hammonton sandy loams, 5 to 10 percent slopes	A	126.9	0.10%
DxC	Downer-Phalanx complex, 5 to 10 percent slopes	A	2.2	0.00%
EaB	Elioak silt loam, 3 to 8 percent slopes	C	9.9	0.00%
EbC	Evesboro loamy sand, 2 to 10 percent slopes	A	175.5	0.10%
FaaA	Fallsington sandy loams, 0 to 2 percent slopes, northern coastal plain	C/D	1,751.30	1.10%
GaC	Gaila loam, 8 to 15 percent slopes	B	1,243.60	0.80%
GaD	Gaila loam, 15 to 25 percent slopes	B	183.5	0.10%
GbA	Gladstone loam, 0 to 3 percent slopes	A	572.7	0.40%
GbB	Gladstone loam, 3 to 8 percent slopes	A	8,167.20	5.00%
GbC	Gladstone loam, 8 to 15 percent slopes	A	4,927.60	3.00%
GcB	Gladstone-Legore complex, 3 to 8 percent slopes	A	101.9	0.10%
GcC	Gladstone-Legore complex, 8 to 15 percent slopes	A	190.5	0.10%
GdC	Gladstone-Legore complex, 8 to 15 percent slopes, stony	A	126.5	0.10%
GdD	Gladstone-Legore complex, 15 to 25 percent slopes, stony	A	245.2	0.20%
GfB	Gladstone-Urban land complex, 0 to 8 percent slopes	A	3,244.80	2.00%
GfC	Gladstone-Urban land complex, 8 to 15 percent slopes	A	797.3	0.50%
GqA	Glenelq loam, 0 to 3 percent slopes	B	3,271.30	2.00%
GqB	Glenelq loam, 3 to 8 percent slopes	B	25,368.20	15.60%
GqC	Glenelq loam, 8 to 15 percent slopes	B	10,450.80	6.40%
GhB	Glenelq-Urban land complex, 0 to 8 percent slopes	B	6,974.40	4.30%
GhC	Glenelq-Urban land complex, 8 to 15 percent slopes	B	968.3	0.60%
GmA	Glenville silt loam, 0 to 3 percent slopes	C	898.3	0.60%
GmB	Glenville silt loam, 3 to 8 percent slopes	C/D	7,036.70	4.30%
GmC	Glenville silt loam, 8 to 15 percent slopes	C	1,103.90	0.70%
GnB	Glenville-Baile silt loams, 0 to 8 percent slopes	C	7,015.70	4.30%
GoB	Glenville-Codorus silt loams, 0 to 8 percent slopes	C	1,087.30	0.70%
GuB	Glenville-Urban land-Udorthents complex, 0 to 8 percent slopes	C	950.2	0.60%
Ha	Hatboro-Codorus silt loams, 0 to 3 percent slopes	B/D	4,170.50	2.60%
JaB	Jackland silt loam, 3 to 8 percent slopes	D	211.3	0.10%
LaB	Legore silt loam, 3 to 8 percent slopes	C	525.3	0.30%
LaC	Legore silt loam, 8 to 15 percent slopes	C	706.9	0.40%
LeB	Legore silt loam, 3 to 8 percent slopes, stony	C	122.8	0.10%
LeC	Legore silt loam, 8 to 15 percent slopes, stony	C	629.6	0.40%
LmB	Legore-Montalto silt loams, 3 to 8 percent slopes	C	859.8	0.50%
LoB	Legore-Montalto-Urban land complex, 0 to 8 percent slopes	C	1,882.40	1.20%
LoC	Legore-Montalto-Urban land complex, 8 to 15 percent slopes	C	399.9	0.20%
LrD	Legore-Relay gravelly loams, 15 to 25 percent slopes, very stony	C	647.7	0.40%
LrF	Legore-Relay gravelly loams, 25 to 65 percent slopes, very stony	C	755.9	0.50%
MaB	Manor loam, 3 to 8 percent slopes	B	1,644.30	1.00%
MaC	Manor loam, 8 to 15 percent slopes	B	8,846.40	5.50%
MaD	Manor loam, 15 to 25 percent slopes	B	7,403.10	4.60%
McD	Manor loam, 15 to 25 percent slopes, very rocky	B	1,877.80	1.20%
MqD	Manor-Bannertown sandy loams, 15 to 25 percent slopes, rocky	B	776.8	0.50%
MgF	Manor-Bannertown sandy loams, 25 to 65 percent slopes, rocky	B	1,627.90	1.00%
MkF	Manor-Brinklow complex, 25 to 65 percent slopes, very rocky	B	2,317.40	1.40%
MoB	Mount Lucas silt loam, 3 to 8 percent slopes, stony	C/D	152.6	0.10%
MoC	Mount Lucas silt loam, 8 to 15 percent slopes, stony	C/D	110.3	0.10%
OcB	Occoquan loam, 3 to 8 percent slopes	B	883	0.50%
OcC	Occoquan loam, 8 to 15 percent slopes	B	1,545.80	1.00%
PfC	Patapsco-Fort Mott complex, 5 to 10 percent slopes	A	2.5	0.00%
RsbB	Russett fine sandy loam, 2 to 5 percent slopes	C	311.6	0.20%
RsbC	Russett fine sandy loam, 5 to 10 percent slopes	C	605.6	0.40%
RsbD	Russett fine sandy loam, 10 to 15 percent slopes	C	240	0.10%
RtB	Russett-Alloway-Hambrook complex, 0 to 5 percent slopes	C	15.2	0.00%
RtC	Russett-Alloway-Hambrook complex, 5 to 10 percent slopes	C	6.7	0.00%
RtD	Russett-Alloway-Hambrook complex, 10 to 15 percent slopes	C	3	0.00%
RuB	Russett and Beltsville soils, 2 to 5 percent slopes	C	1,200.40	0.70%
RuC	Russett and Beltsville soils, 5 to 10 percent slopes	C	593.5	0.40%
SaB	Sassafras loam, 2 to 5 percent slopes	B	424.1	0.30%
SaC	Sassafras loam, 5 to 10 percent slopes	B	442.9	0.30%
SfB	Sassafras gravelly sandy loam, 2 to 5 percent slopes	B	241.3	0.10%
SrC	Sassafras and Croom soils, 5 to 10 percent slopes	B	703.6	0.40%
SrD	Sassafras and Croom soils, 10 to 15 percent slopes	B	575.5	0.40%
SrE	Sassafras and Croom soils, 15 to 25 percent slopes	B	255.9	0.20%
UaF	Udorthents, Highway, 0 to 65 percent slopes		3,415.30	2.10%
UbF	Udorthents, Refuse, 0 to 65 percent slopes		276.8	0.20%
UcB	Urban land-Chillum-Beltsville complex, 0 to 5 percent slopes	C	2,463.20	1.50%
UcD	Urban land-Chillum-Beltsville complex, 5 to 15 percent slopes	C	886.5	0.50%
UdB	Udorthents, loamy, 0 to 5 percent slopes	C	13.4	0.00%
UfA	Urban land-Fallsington complex, 0 to 2 percent slopes	D	348.9	0.20%
UoE	Udorthents, 0 to 45 percent slopes, Gravel Pits		217.7	0.10%
Ur	Urban land	D	0.7	0.00%
UsB	Urban land-Sassafras-Beltsville complex, 0 to 5 percent slopes	D	844.4	0.50%
UsD	Urban land-Sassafras-Beltsville complex, 5 to 15 percent slopes	D	316	0.20%
UtD	Urban land-Udorthents complex, 0 to 15 percent slopes	D	4,455.70	2.70%
UuB	Urban land-Udorthents complex, 0 to 8 percent slopes	D	1,889.00	1.20%
UuD	Urban land-Udorthents complex, 8 to 25 percent slopes	D	163.2	0.10%
UwC	Urban land-Woodstown-Sassafras complex, 5 to 10 percent slopes	D	68.8	0.00%
W	Water		1,378.50	0.90%
WaA	Watchung silt loam, 0 to 3 percent slopes	C/D	97.3	0.10%
WcB	Watchung silt loam, 3 to 8 percent slopes, stony	C/D	423.1	0.30%
WdaA	Woodstown sandy loam, 0 to 2 percent slopes, Northern Coastal Plain	C	0.2	0.00%
WdaB	Woodstown sandy loam, 2 to 5 percent slopes, Northern Coastal Plain	C	178.6	0.10%
WqB	Wheaton-Glenelq complex, 0 to 8 percent slopes	B	178.5	0.10%
WqD	Wheaton-Glenelq complex, 8 to 25 percent slopes	B	74.3	0.00%
WhA	Wiltshire silt loam, 0 to 3 percent slopes	C	169.9	0.10%
WhB	Wiltshire silt loam, 3 to 8 percent slopes	C	295.8	0.20%
ZbA	Zekiah and Issue soils, 0 to 2 percent slopes, frequently flooded	B/D	28.3	0.00%
Totals for Area of Interest			162,113.20	100.00%

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Aggregation Method: Dominant Condition
Component Percent Cutoff: *None Specified*
Tie-break Rule: Higher