

SOIL LEGEND

The map symbols recommended for publication are alphabetic letters. The first capital letter is the initial one of the soil name. The second letter is a lowercase letter. The third letter is a capital letter used to show slope. Symbols without a slope letter are for nearly level soils.

| SYMBOL | NAME | SYMBOL | NAME |
|--------|---|--------|--|
| AnA | Annona fine sandy loam, 0 to 1 percent slopes | LaA | Lake Charles clay, 0 to 1 percent slopes |
| AnC | Annona fine sandy loam, 1 to 5 percent slopes | LaB | Lake Charles clay, 1 to 3 percent slopes |
| ArA | Aris fine sandy loam, 0 to 1 percent slopes | LaD | Lake Charles clay, 3 to 8 percent slopes |
| AxC | Axtell fine sandy loam, 1 to 5 percent slopes | LdC | Landman loamy fine sand, 1 to 5 percent slopes |
| AxC2 | Axtell fine sandy loam, 2 to 5 percent slopes, eroded | LtE | Latium clay, 2 to 5 percent slopes |
| AxD | Axtell fine sandy loam, 5 to 8 percent slopes | LtE | Latium clay, 5 to 12 percent slopes |
| BbB | Bleiberville clay, 1 to 3 percent slopes | LuA | Lufkin fine sandy loam, 0 to 1 percent slopes |
| Be | Bosque clay loam, frequently flooded | LuB | Lufkin fine sandy loam, 1 to 3 percent slopes |
| BoC | Boy loamy fine sand, 1 to 5 percent slopes | MaA | Mabank fine sandy loam, 0 to 1 percent slopes |
| BrA | Brazoria clay, 0 to 1 percent slopes | MaB | Mabank fine sandy loam, 1 to 3 percent slopes |
| BrB | Brazoria clay, 1 to 3 percent slopes | MdA | Midland clay loam, 0 to 1 percent slopes |
| Bs | Brazoria clay, depressional | MdB | Midland clay loam, 1 to 3 percent slopes |
| BtD | Brenham clay loam, 3 to 8 percent slopes | Mp | Midland clay loam, depressional |
| BuA | Burleson clay, 0 to 1 percent slopes | MvC | Monville loamy fine sand, 1 to 5 percent slopes |
| CaB | Carbangle clay loam, 1 to 3 percent slopes | Na | Nahatche loam, frequently flooded |
| CaC | Carbangle clay loam, 3 to 5 percent slopes | NeC | Newulm loamy fine sand, 1 to 5 percent slopes |
| CaD | Carbangle clay loam, 5 to 8 percent slopes | NoA | Norwood silt loam, 0 to 1 percent slopes |
| CcD | Catilla loamy fine sand, 0 to 8 percent slopes | NrA | Norwood silty clay loam, 0 to 1 percent slopes |
| ChC | Chazos loamy fine sand, 1 to 5 percent slopes | OkA | Okland very fine sandy loam, 0 to 1 percent slopes |
| ChD | Chazos loamy fine sand, 5 to 8 percent slopes | On | Okland-Norwood complex, frequently flooded |
| Cm | Clemville silt loam, occasionally flooded | RaA | Rader fine sandy loam, 0 to 1 percent slopes |
| CoC | Conroe loamy fine sand, 1 to 5 percent slopes | RaB | Rader fine sandy loam, 1 to 3 percent percent slopes |
| CpC | Conroe soils, graded, 1 to 5 percent slopes | ReF | Renish clay loam, 5 to 20 percent slopes |
| CrC | Crockett fine sandy loam, 1 to 5 percent slopes | SeC | Sealy loamy fine sand, 0 to 5 percent slopes |
| CrC2 | Crockett fine sandy loam, 2 to 5 percent slopes, eroded | SgC | Segno fine sandy loam, 1 to 5 percent slopes |
| CrD | Crockett fine sandy loam 5 to 8 percent slopes | SIC | Silawa loamy fine sand, 1 to 5 percent slopes |
| CuB | Cuero loam, 1 to 3 percent slopes | SID | Silawa loamy fine sand, 5 to 8 percent slopes |
| CuC | Cuero loam, 3 to 5 percent slopes | SpB | Splendora fine sandy loam, 0 to 3 percent slopes |
| CuD | Cuero loam, 5 to 8 percent slopes | SrC | Straber loamy fine sand, 1 to 5 percent slopes |
| DeC | Depcor loamy fine sand, 1 to 5 percent slopes | SrD | Straber loamy fine sand, 5 to 8 percent slopes |
| DuD | Dutek loamy fine sand, 5 to 8 percent slopes | StC | Styx loamy fine sand, 1 to 5 percent slopes |
| EdA | Edna fine sandy loam, 0 to 1 percent slopes | Su | Sumpf clay, frequently flooded |
| EdB | Edna fine sandy loam, 1 to 3 percent slopes | TaC | Tabor fine sandy loam, 1 to 5 percent slopes |
| EuC | Eufaula fine sand, 0 to 5 percent slopes | TeC | Tremona loamy fine sand, 1 to 5 percent slopes |
| FeC | Fetzer loamy fine sand, 1 to 5 percent slopes | TeD | Tremona loamy fine sand, 5 to 8 percent slopes |
| FrB | Frelsburg clay, 1 to 3 percent slopes | Tr | Trinity clay, frequently flooded |
| FrC | Frelsburg clay, 3 to 5 percent slopes | Wa | Waller loam, depressional |
| FrD | Frelsburg clay, 5 to 8 percent slopes | WIA | Wilson clay loam, 0 to 1 percent slopes |
| HoB | Hockley fine sandy loam, 1 to 3 percent slopes | WIB | Wilson clay loam 1 to 3 percent slopes |
| HoC | Hockley fine sandy loam, 3 to 5 percent slopes | WoA | Wockley fine sandy loam, 0 to 1 percent slopes |
| HpC | Hockley gravelly fine sandy loam, 1 to 5 percent slopes | WoB | Wockley fine sandy loam, 1 to 3 percent slopes |
| HzC | Hockley soils, graded, 1 to 5 percent slopes | | |
| KaA | Katy fine sandy loam, 0 to 1 percent slopes | | |
| KaB | Katy fine sandy loam, 1 to 3 percent slopes | | |
| KcB | Katy-Edna complex, 0 to 3 percent slopes | | |
| KeD | Kennedy loamy fine sand, 1 to 8 percent slopes | | |
| KIC | Klump sandy loam, 3 to 5 percent slopes | | |
| KID | Klump sandy loam, 5 to 8 percent slopes | | |
| KnC | Knolle loamy sand, 1 to 5 percent slopes | | |
| KuC | Kuy loamy fine sand, 1 to 5 percent slopes | | |
| KyB | Kuy-Aris complex, 0 to 3 percent slopes | | |

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

CULTURAL FEATURES

| BOUNDARIES | MISCELLANEOUS CULTURAL FEATURES |
|--|--|
| National, state or province | Farmstead, house (omit in urban areas) |
| County or parish | Church |
| Minor civil division | School |
| Reservation (national forest or park, state forest or park, and large airport) | Indian mound (label) |
| Land grant | Located object (label) |
| Limit of soil survey (label) | Tank (label) |
| Field sheet matchline & neatline | Wells, oil or gas |
| AD HOC BOUNDARY (label) | Windmill |
| Small airport, airfield, park, oilfield, cemetery, or flood pool | Kitchen midden |
| STATE COORDINATE TICK | |
| LAND DIVISION CORNERS (sections and land grants) | |
| ROADS | |
| Divided (median shown if scale permits) | |
| Other roads | |
| Trail | |
| ROAD EMBLEM & DESIGNATIONS | |
| Interstate | |
| Federal | |
| State | |
| County, farm or ranch | |
| RAILROAD | |
| POWER TRANSMISSION LINE (normally not shown) | |
| PIPE LINE (normally not shown) | |
| FENCE (normally not shown) | |
| LEVEES | |
| Without road | |
| With road | |
| With railroad | |
| DAMS | |
| Large (to scale) | |
| Medium or small | |
| PITS | |
| Gravel pit | |
| Mine or quarry | |

MISCELLANEOUS CULTURAL FEATURES

| |
|--|
| Farmstead, house (omit in urban areas) |
| Church |
| School |
| Indian mound (label) |
| Located object (label) |
| Tank (label) |
| Wells, oil or gas |
| Windmill |
| Kitchen midden |

WATER FEATURES

| DRAINAGE | MISCELLANEOUS WATER FEATURES |
|----------------------------|------------------------------|
| Perennial, double line | Marsh or swamp |
| Perennial, single line | Spring |
| Intermittent | Well, artesian |
| Drainage end | Well, irrigation |
| Canals or ditches | Wet spot |
| Double-line (label) | |
| Drainage and/or irrigation | |

SPECIAL SYMBOLS FOR SOIL SURVEY

| SOIL DELINEATIONS AND SYMBOLS | ESCARPMENTS | SHORT STEEP SLOPE | GULLY | DEPRESSION OR SINK | SOIL SAMPLE SITE (normally not shown) | MISCELLANEOUS |
|---|-------------|-------------------|-------|--------------------|---------------------------------------|---------------|
| Bedrock (points down slope) | | | | | | |
| Other than bedrock (points down slope) | | | | | | |
| Blowout | | | | | | |
| Clay spot | | | | | | |
| Gravelly spot | | | | | | |
| Gumbo, slick or scabby spot (sodic) | | | | | | |
| Dumps and other similar non soil areas | | | | | | |
| Prominent hill or peak | | | | | | |
| Rock outcrop (includes sandstone and shale) | | | | | | |
| Saline spot | | | | | | |
| Sandy spot | | | | | | |
| Severely eroded spot | | | | | | |
| Slide or slip (tips point upslope) | | | | | | |
| Stony spot, very stony spot | | | | | | |

CnB WaC2