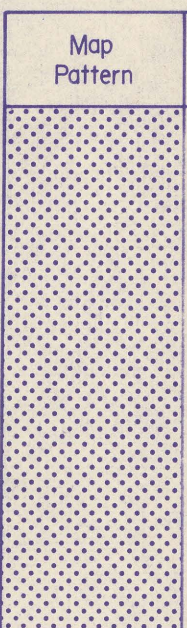

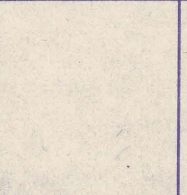




Note: Recharge potentials for the shallow aquifer are estimated on basis of the intrinsic properties (refer to footnotes 2 and 3) that describe the water transmitting and storage capabilities of the various soils. The occurrence of recharge to the shallow aquifer also requires that there be soil space available, above the water table, to receive the recharge. The occurrence of recharge to the Floridan aquifer additionally requires that the prevailing water-table altitude be higher than the Floridan potentiometric surface, and that intervening materials between the shallow and Floridan aquifers be permeable. In situations involving recharge to the Floridan, it should be computed with sheets 3 and 5.

Water body (borrow pit, small ponds, and canals).

Map Pattern	Soil series \downarrow	Permeability (in/h) $\downarrow, \downarrow, \downarrow$	Available Water Capacity (in/in of soil) $\downarrow, \downarrow, \downarrow$	Recharge Potential (estimated)
	Ca-Cc (Canaveral) Ga (Galveston) Or (Orsino) Pb (Palm Beach) PFB-PFD-Ph (Paola) Sa (Satellite) SFB-SFD (St. Lucie) We (Wekiva) Bo (Bosinger) Pw (Pompano) Sb (St. Johns) Ta (Taverner) Va (Vaikaria) As-At (Astatula)	more than 20 more than 20	02-05 02-05 03-07 03-08 03-08 03-08 03-08 05-10	excellent excellent
	Co (Cocoa) Ps-Pu (Pomello) An (Anclotie) Eq (Eau Gallie) Cp (Copeland) Eu-Ew (Eau Gallie) Tc (Terra Ceia) Ho (Holopaw) Ph-Pb (Pineda) Pp (Pineda dark surface grad.) Od (Oldsmar)	6-20 6-20 2-6 2-6	02-05 02-05 05-10 05-10 10-15 10-15 20-25 10-15 10-15	good to very good good to very good
	Fa-Fd (Felda) Im (Immakalee) Ma (Madiabar) Mu-Mk (Myakka) Pk (Parkwood) Sc (St. Johns)	6-6 6-6 6-2 6-2 6-2 6-2	10-15 10-15	poor poor

Map Pattern	Soil series \downarrow	Permeability (in/h) \downarrow, \downarrow	Available Water Capacity \downarrow, \downarrow (in/in of soil)	Recharge Potential (estimated)
	Fe-Fa (Felda) Mc (Micca) Br (Bradenton) Tw (Tomoka) Ch (Chobee) Fn-Fo (Floridana) Mb (Malabar) Me (Montverde) Cd (Canova) Mp (Myakka) Wa (Wabasso) Wn (Winder)	6-6 6-6 6-6 6-6 6-2 ↓ 6-2	10-15 10-15 15-20 10-25 10-15 ↓ 10-15	poor ↓ poor
	Sw (Swamp)	Usually includes areas classed for water retention. Permeabilities vary but are considered low.		poor
	Ck (coastal beaches) Tm (tidal marsh) Ts (tidal swamp)	Affected by ocean tides and salt water intrusion. There is little fresh-water recharge to any shallow water-bearing zone.		poor
	Sp (spoil bank) Ur (urban land) Qr (quartzipsumments, smoothed)	Depicting urban or disturbed areas. Permeability depends on development techniques and vegetative culture.		variable

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