

Problem 3

Water Budget Application to a Parking Lot During a Storm

t (min)	2 pt [a] P (in)	2 pt [b] Q (in)	3 pt [c] ΔS (in)	2 pt [d] S (in)
0				0.00
5	0.25	0.10	0.15	0.15
10	1.00	0.40	0.60	0.75
15	0.50	0.60	-0.10	0.66
20	0.25	0.40	-0.15	0.51

[e] Maximum ponded depth
1pt