

Problem 22

Streamflow Prediction for Ralston Creek Using the NRCS Triangular UH

[a] 3 pts

Time (hr)	P_e (in)
14	0.122
15	0.989
16	0.624

Time (hr)	[b] 4 pts 1-hr UH (cfs)	[c] 4 pts DRH (cfs)	[d] 2 pts Q-sim (cfs)
0.0	0.0	0.0	10.0
0.5	116.4	14.2	24.2
1.0	232.8	28.4	38.4
1.5	349.2	157.7	167.7
2.0	465.6	287.0	297.0
2.5	582.0	489.0	499.0
3.0	512.2	668.2	678.2
3.5	442.3	847.5	857.5
4.0	372.5	842.5	852.5
4.5	302.6	837.5	847.5
5.0	232.8	716.4	726.4
5.5	163.0	595.2	605.2
6.0	93.1	474.0	484.0
6.5	23.3	352.9	362.9
7.0	0.0	237.4	247.4
7.5		124.7	134.7
8.0		58.1	68.1
8.5		14.5	24.5
9.0		0.0	10.0

[e] 1 pt

