

# Homework example submission.

CWR 4306 Homework 1 Problem 1

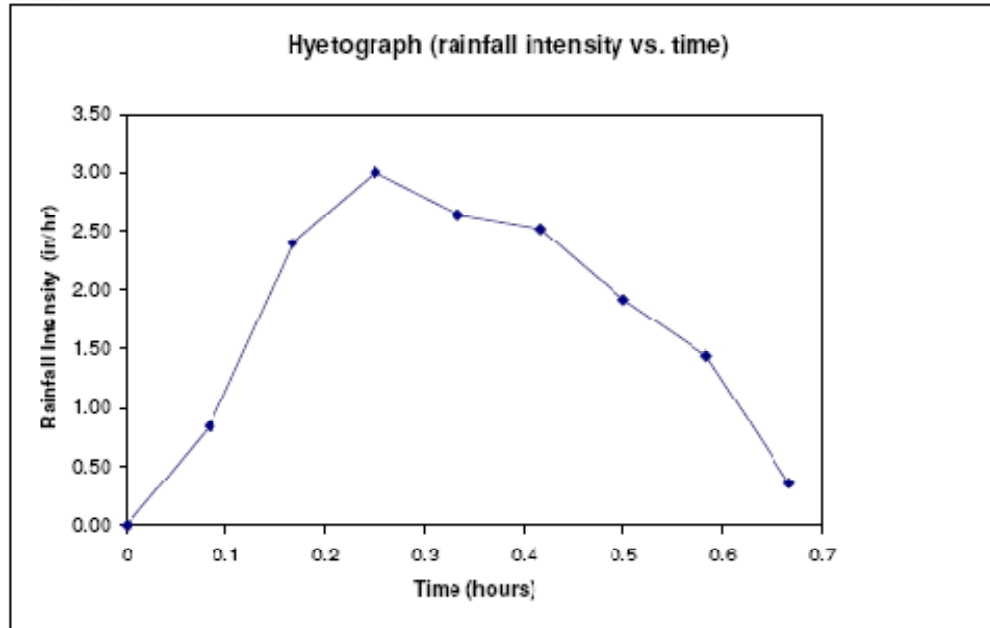
Time (min)	Time (hr)	Rainfall (in)	Rainfall Intensity (in/hr)	Cumulative Rainfall (in)	Running Totals		
					10 min	20 min	30 min
0	0		0.00	0.00			
5	0.08	0.07	0.84	0.07			
10	0.17	0.20	2.40	0.27			
15	0.25	0.25	3.00	0.52	0.45		
20	0.33	0.22	2.64	0.74	0.47	0.74	
25	0.42	0.21	2.52	0.95	0.43	0.88	
30	0.50	0.16	1.92	1.11	0.37	0.84	1.11
35	0.58	0.12	1.44	1.23	0.29	0.71	1.16
40	0.67	0.03	0.36	1.26	0.15	0.52	0.99

Part c.

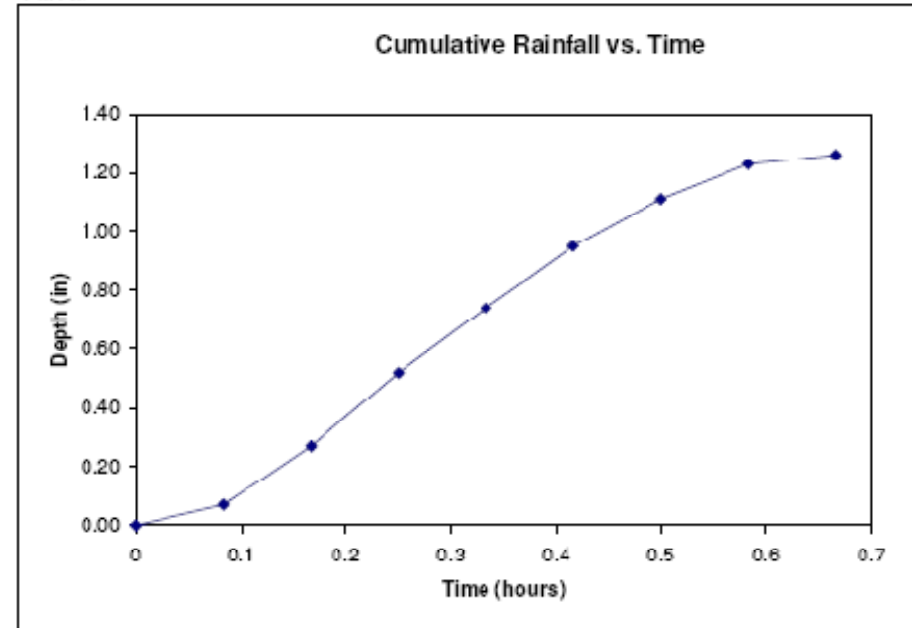
The maximum rainfall depth and intensity recorded in 10, 20, and 30 minute intervals are listed below.

	10 min	20 min	30 min
max depth	0.47	0.00	1.16
max intensity	2.820	2.640	2.320

Part a.



Part b.



For all assignments using spreadsheet (i.e. Excel) please provide a set of sample hand calculations for one row including the equations used.