es5-ws7

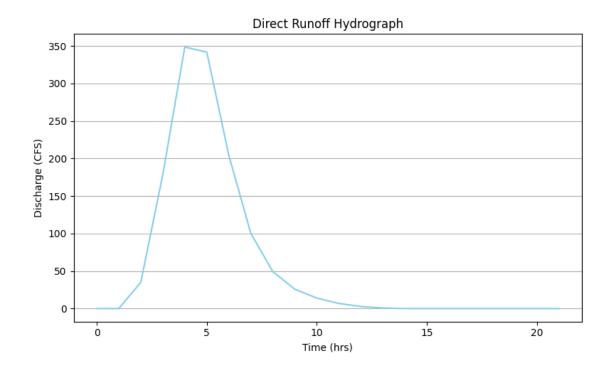
August 4, 2025

Simply perform the matrix multiplication (Q = PU).

The screen capture below uses an Excel worksheet. Extends the data range with zero post-padding.

08		- :	×	~	f_x	0																					
4	Α	В	С	D I	E I	F	G	н	I	j	к	L	М	N	0	Р	Q	R	S	т	U	V	w	X	Υ	Z	AA
1		-		P (matrix)			-		•	-	- ' '	_				•	4			•		•		^	•	_	701
2	Tim e(hours)	UH_weight	Excess Rain		1	2	m	4	rv.	9	7	80	6	10	11	12	13	14	15	16	17	18	19	20	21	22	Q=PU
3	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0.25	70	0.5		0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0.5	182	1.25		.25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
6	0.75	137	0.75	0	.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178.5
7	1	68	0		0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	348.5
8	1.25	33	0		0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	341.75
9	1.5	16	0		0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204.25
10	1.75	9	0		0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.25
11	2	5	0		0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.25
12	2.25	2	0		0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	25.75
13	2.5	1	0		0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	14
14	2.75	0	0		0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	0	6.75
15	3	0	0		0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0	2.75
16	3.25	0	0		0	0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0	0.75
17	3.5	0	0		0	0	0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0	0
18	3.75	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0	0
19	4	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0	0
20	4.25	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0	0
21	4.5	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0	0
22	4.75	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0	0
23	5	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0	0
24	5.25	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	1.25	0.5	0	0
25																											

Then plot the results



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