

Time	Streamflow	Direct runoff i.e. event flow	Unit hydrograph		Time (hrs)	Precipitation (cm)	Effective precipitation i.e.		Time (hrs)	Rainfall rate (cm/hr)	Total rainfall for time interval (cm)	Total runoff for time interval (cm)		Time (hrs)	Pulse 1 (m³/sec)	Pulse 2 (m³/sec)	Pulse 3 (m³/sec)	Pulse 4 (m³/sec)	Total event flow i.e. runoff (m³/sec)	Total streamflow (m³/sec)
(hrs)	(m³/sec)	(m³/sec)	(m³/sec per 1cm runoff)				runoff (cm)		0-2	1	2	1.25		0	0				0	100
0	100	0	0		0 - 1	1	0		2-4	0.5	1	0.25		1	0				0	100
1	100	0	0		1 - 2	2	1		4-6	2	4	3.25		2	62.5	0			62.5	162.5
2	200	100	50		2 - 3	2	1		6-8	2.5	5	4.25		3	250	0			250	350
3	500	400	200		3 - 4	1	0		Total rainfall		12			4	625	12.5	0		637.5	737.5
4	1100	1000	500		Vgross	6			Infiltrated amount		3			5	375	50	0		425	525
5	700	600	300		Hydrograph is good for 2 hours				Infiltration amount for a 2 hr time interval		0.75			6	250	125	162.5	0	537.5	637.5
6	500	400	200											7	187.5	75	650	0	912.5	1012.5
7	400	300	150											8	125	50	1625	212.5	2012.5	2112.5
8	300	200	100											9	62.5	37.5	975	850	1925	2025
9	200	100	50											10	0	25	650	2125	2800	2900
10	100	0	0											11	0	12.5	487.5	1275	1775	1875
11	100	0	0											12		0	325	850	1175	1275
	VDRH	11160000		Watershed	5.58E+08	m2								13		0	162.5	637.5	800	900
runoff depth		2	cm											14			0	425	425	525
	Vloss		4 cm											15			0	212.5	212.5	312.5
Infiltration rate			1 cm/hr											16				0	0	100
	Base flow	100	m3/sec											17				0	0	100