

Exhibit 5-1: Tabular hydrograph unit discharges (csm/in) for type I rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 9.0 to 24.0. It contains multiple rows of unit discharge data for different rainfall types (IA/P = 0.10, 0.30, 0.50) and includes a TC = 0.2 HR parameter. The table is organized into sections based on IA/P values and includes a RAINFALL TYPE = I label at the bottom.

Exhibit 5-I: Tabular hydrograph unit discharges (csm/in) for type I rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS). Rows represent rainfall types (0.0 to 3.0) and discharge values at various time intervals (9.3 to 24.0 hours). Includes parameters IA/P and TC.

Exhibit 5-I: Tabular hydrograph unit discharges (csm/in) for type I rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 9.0 to 24.0. It contains multiple rows of unit discharge data for different rainfall types (IA/P = 0.10, 0.30, 0.50) and a specific rainfall type (I). The data shows unit discharge values in csm/in for various time intervals.

Exhibit 5-I: Tabular hydrograph unit discharges (csm/in) for type I rainfall distribution - continued

TRVL TIME (hr)	HYDROGRAPH TIME (HOURS)																															
	9.3	9.9	10.1	10.3	10.5	10.7	11.0	11.4	11.8	12.3	13.0	14.0	15.0	16.0	18.0	24.0	9.0	9.6	10.0	10.2	10.4	10.6	10.8	11.2	11.6	12.0	12.6	13.5	14.5	15.5	17.0	20.0
	IA/P = 0.10												IA/P = 0.10																			
0.0	9	11	14	19	21	24	28	33	40	49	59	70	82	106	123	138	138	125	115	97	83	70	59	50	44	39	35	32	29	27	23	16
.10	8	10	13	17	18	20	23	26	31	37	45	54	65	89	110	125	135	130	123	106	90	75	62	53	46	40	36	33	29	27	24	16
.20	8	10	12	16	17	19	22	25	29	34	41	50	60	83	105	121	132	131	125	109	92	77	63	53	46	41	36	33	29	27	24	17
.30	7	9	11	14	15	17	18	21	23	27	32	38	46	66	89	109	123	131	129	117	100	82	66	56	48	42	38	34	30	28	24	17
.40	7	8	10	13	15	16	18	20	22	25	30	35	43	61	83	104	120	131	131	119	103	84	68	57	49	43	38	34	30	28	24	17
.50	6	8	10	13	14	15	17	19	21	24	28	33	39	56	78	99	116	127	130	121	106	86	69	58	50	44	39	35	30	28	24	17
.75	5	7	8	11	12	13	14	15	16	18	20	23	27	38	53	73	93	111	123	127	118	98	77	63	54	47	41	37	31	28	25	17
1.0	4	5	7	8	9	10	11	12	13	14	15	17	18	24	32	45	63	83	102	122	126	113	89	71	59	51	44	39	32	29	25	18
1.5	3	4	5	6	7	7	8	8	9	10	10	11	12	15	18	23	32	44	60	88	111	123	110	87	70	58	50	44	35	30	26	19
2.0	1	2	3	4	5	5	5	6	6	7	7	8	9	10	12	14	18	23	31	49	74	106	121	107	86	69	58	49	38	32	27	20
2.5	1	1	2	2	3	3	3	4	4	4	5	5	6	7	8	9	11	13	16	22	35	62	101	118	108	88	71	59	44	35	28	21
3.0	0	0	1	1	1	2	2	2	3	3	3	3	4	5	5	6	8	9	10	14	19	34	67	103	116	105	86	70	50	39	29	21
	IA/P = 0.30												IA/P = 0.30																			
0.0	0	0	0	0	0	0	1	3	6	10	16	23	31	49	65	77	84	92	86	80	75	69	63	58	53	49	45	43	40	38	35	26
.10	0	0	0	0	0	0	0	1	2	5	9	13	19	35	53	68	79	85	90	83	77	71	64	59	55	50	46	43	40	39	35	26
.20	0	0	0	0	0	0	0	1	2	4	7	11	24	40	57	71	81	89	89	80	73	66	61	56	51	47	44	41	39	35	26	
.30	0	0	0	0	0	0	0	1	1	3	6	9	20	36	53	68	78	84	88	81	74	67	61	56	52	48	44	41	39	36	26	
.40	0	0	0	0	0	0	0	0	0	1	2	5	12	24	40	57	70	80	87	84	76	69	63	58	53	49	45	41	39	36	27	
.50	0	0	0	0	0	0	0	0	0	1	2	4	10	21	36	53	67	77	87	85	77	69	63	58	54	49	46	41	39	36	27	
.75	0	0	0	0	0	0	0	0	0	0	1	2	6	14	26	41	56	69	82	85	80	72	65	60	55	51	47	42	40	36	27	
1.0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	20	34	49	68	81	85	77	69	63	58	53	49	43	40	37	28	
1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	19	38	58	78	83	76	68	62	57	53	45	41	37	29	
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	13	29	55	77	82	75	68	62	57	48	43	38	30	
2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	22	51	75	81	75	68	62	53	45	39	32	
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	25	54	75	80	75	68	57	48	43	33	
	IA/P = 0.50												IA/P = 0.50																			
0.0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	8	13	18	24	29	36	41	46	46	46	46	46	46	46	46	46	46	38
.10	0	0	0	0	0	0	0	0	0	0	0	1	1	3	7	12	17	22	28	35	40	45	46	46	46	46	46	46	46	46	46	38
.20	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	8	13	18	24	31	38	44	46	46	46	46	46	46	46	46	46	39
.30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	12	17	22	30	37	43	45	46	46	46	46	46	46	46	46	39
.40	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	11	16	21	29	36	42	45	46	46	46	46	46	46	46	46	39
.50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	9	14	20	28	35	42	45	45	45	45	45	45	45	45	45	39
.75	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	9	13	18	26	33	41	45	45	45	45	45	45	45	45	45	39
1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	9	16	24	33	42	45	45	45	45	45	45	45	45	45	40
1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	8	15	25	36	43	45	45	45	45	45	45	45	45	42
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	14	26	37	43	45	45	45	45	45	45	45	43
2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	15	27	37	43	45	45	45	45	45	45	45	44
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	19	30	39	44	45	45	45	45	45	45

Exhibit 5-IA: Tabular hydrograph unit discharges (csm/in) for type IA rainfall distribution

TRVL TIME (hr) 7.3 7.9 8.1 8.3 8.5 8.7 9.0 9.4 9.8 10.3 11.0 12.0 13.0 14.0 16.0 22.0

HYDROGRAPH TIME(HOURS) 7.0 7.6 8.0 8.2 8.4 8.6 8.8 9.2 9.6 10.0 10.6 11.5 12.5 13.5 15.0 18.0

IA/P = 0.10 * * * TC = 0.1 HR * * *

IA/P = 0.10

IA/P = 0.30 * * * TC = 0.1 HR * * *

IA/P = 0.30

IA/P = 0.50 * * * TC = 0.1 HR * * *

IA/P = 0.50

RAINFALL TYPE = IA * * * TC = 0.1 HR * * *

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(210-VI-TR-55, Second Ed., June 1986)

Exhibit 5-IA: Tabular hydrograph unit discharges (csm/in) for type IA rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) ranging from 7.0 to 22.0. Rows show unit discharge values for various time intervals. Includes sub-headers for IA/P ratios (0.10, 0.30, 0.50) and TC = 0.2 HR. RAINFALL TYPE = IA.

(210-VI-TR-55, Second Ed., June 1986)

Exhibit 5-IA: Tabular hydrograph unit discharges (csm/in) for type IA rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS). Rows show unit discharges for various time intervals (e.g., 7.3, 7.9, 8.1, etc.) and rainfall types (IA/P = 0.10, 0.30, 0.50). Includes parameters like TC = 0.4 HR and RAINFALL TYPE = IA.

Exhibit 5-IA: Tabular hydrograph unit discharges (csm/in) for type IA rainfall distribution - continued

Table with columns: TRVL TIME (hr), HYDROGRAPH TIME (HOURS), and discharge values. Includes sub-sections for IA/P = 0.10, 0.30, and 0.50, and a final RAINFALL TYPE = IA section.

Exhibit 5-IA: Tabular hydrograph unit discharges (cs/in) for type IA rainfall distribution - continued

TRVL TIME (hr)	HYDROGRAPH TIME (HOURS)																															
	7.3	7.9	8.1	8.3	8.5	8.7	9.0	9.4	9.8	10.3	11.0	12.0	13.0	14.0	16.0	22.0	7.0	7.6	8.0	8.2	8.4	8.6	8.8	9.2	9.6	10.0	10.6	11.5	12.5	13.5	15.0	18.0
	IA/P = 0.10														IA/P = 0.10																	
0.0	17	21	24	29	33	37	43	52	61	71	81	89	95	100	94	86	78	71	64	57	51	46	42	39	35	34	33	33	31	30	28	23
.10	16	19	23	27	29	31	35	41	48	57	66	76	85	96	99	92	84	76	69	60	54	47	43	40	36	34	34	33	31	30	28	23
.20	15	19	22	26	28	30	33	38	45	53	62	71	80	93	97	93	86	78	71	62	55	48	43	40	37	34	34	33	31	30	28	23
.30	14	17	20	24	25	27	29	32	36	42	49	58	67	84	95	96	91	84	76	66	58	50	44	41	38	35	34	33	31	30	28	23
.40	13	16	20	23	25	26	28	31	34	39	46	54	62	80	92	96	93	86	78	68	59	51	45	41	38	35	34	33	31	30	28	23
.50	12	15	18	21	23	24	25	27	29	33	37	43	50	67	83	93	95	91	84	73	63	54	46	42	39	36	34	33	32	30	28	23
.75	10	13	16	20	21	22	23	25	27	29	32	36	42	55	71	84	93	93	88	78	68	57	49	43	40	37	34	34	32	31	28	24
1.0	8	10	13	16	17	19	20	21	22	23	25	27	29	37	49	63	78	88	92	88	78	65	53	46	42	39	36	34	33	31	29	24
1.5	5	7	9	12	13	14	15	16	17	18	19	20	22	25	29	36	47	60	73	87	89	79	64	53	46	42	38	36	33	32	29	25
2.0	2	4	6	8	9	10	10	11	12	13	14	15	16	19	21	24	29	36	45	64	80	87	77	63	52	46	41	38	34	32	30	25
2.5	1	2	3	4	5	6	7	8	8	9	10	11	13	15	17	19	22	26	35	49	72	85	78	65	53	46	42	36	33	30	26	
3.0	0	1	1	2	3	3	4	4	5	5	6	7	7	9	11	12	14	17	19	23	31	47	73	84	76	63	53	46	38	34	31	26
	IA/P = 0.30														IA/P = 0.30																	
0.0	0	0	0	0	0	1	3	6	10	15	22	28	34	43	48	51	51	51	49	47	45	44	43	42	40	40	40	40	40	40	39	35
.10	0	0	0	0	0	1	2	5	8	13	19	25	36	45	49	51	50	50	48	46	44	43	42	40	40	40	40	40	40	40	39	35
.20	0	0	0	0	0	1	2	4	7	11	16	22	34	43	48	50	50	50	48	46	44	43	42	41	40	40	40	40	40	40	39	35
.30	0	0	0	0	0	1	1	3	5	9	14	19	31	40	46	49	50	50	48	46	45	43	42	41	40	40	40	40	40	40	39	35
.40	0	0	0	0	0	0	1	2	4	8	12	17	28	38	45	49	50	50	49	47	45	43	42	41	40	40	40	40	40	39	35	
.50	0	0	0	0	0	0	1	2	4	6	10	14	25	36	43	48	50	50	49	47	45	43	42	41	40	40	40	40	40	39	35	
.75	0	0	0	0	0	0	0	1	2	3	6	13	23	33	41	46	49	50	48	46	44	43	42	40	40	40	40	40	40	39	36	
1.0	0	0	0	0	0	0	0	0	0	1	2	6	14	23	32	40	46	49	49	47	45	43	42	41	40	40	40	40	40	39	36	
1.5	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	13	21	30	41	47	49	47	45	43	42	41	40	40	40	39	37	
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	12	23	35	45	48	47	45	43	42	41	40	40	40	40	37	
2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	18	33	45	48	46	44	43	42	40	40	40	40	38		
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	17	34	45	48	46	44	43	41	40	40	40	38		
	IA/P = 0.50														IA/P = 0.50																	
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	9	14	19	24	28	31	33	37	39	42	42	42	42	42	
.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	11	17	23	27	30	32	36	38	42	42	42	42	42		
.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	9	15	21	26	29	32	35	38	41	42	42	42			
.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	13	19	25	29	31	34	37	41	42	42	42				
.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	11	17	23	28	30	33	36	40	42	42	42			
.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	15	22	26	30	32	35	40	42	42	42			
.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7	13	20	25	29	31	34	39	42	42	42				
1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	11	17	23	27	30	33	38	42	42	42				
1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	18	23	28	30	36	40	42	42				
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	12	18	24	28	33	39	42	42					
2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	13	19	24	28	31	37	42	42					
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	12	18	28	33	42	42							

RAINFALL TYPE = IA

* * * TC = 1.25 HR * * *

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Exhibit 5-IA: Tabular hydrograph unit discharges (csm/in) for type IA rainfall distribution - continued

TRVL TIME (hr)	HYDROGRAPH TIME (HOURS)																															
	7.3	7.9	8.1	8.3	8.5	8.7	9.0	9.4	9.8	10.3	11.0	12.0	13.0	14.0	16.0	22.0	7.0	7.6	8.0	8.2	8.4	8.6	8.8	9.2	9.6	10.0	10.6	11.5	12.5	13.5	15.0	18.0
	IA/P = 0.10														IA/P = 0.10																	
0.0	15	19	22	27	29	32	37	42	49	57	65	73	80	89	94	89	83	76	70	62	55	49	44	40	37	35	34	33	31	30	28	23
.10	14	17	20	24	26	28	31	35	40	46	53	61	69	82	90	92	87	81	74	65	58	51	45	41	38	35	34	33	31	30	28	23
.20	13	16	20	23	25	27	29	33	37	43	50	57	65	79	88	91	88	82	76	67	59	52	46	42	38	35	34	33	32	30	28	23
.30	12	15	18	22	23	24	26	28	31	35	41	47	54	69	81	89	90	86	81	71	63	54	47	43	39	36	34	34	32	30	28	24
.40	11	14	18	21	22	24	25	27	30	34	38	44	51	65	78	87	90	87	82	73	64	55	48	43	40	36	34	34	32	30	28	24
.50	10	13	16	19	20	22	23	24	26	29	32	36	41	54	69	81	88	89	86	77	68	58	50	44	41	37	35	34	32	31	29	24
.75	9	11	14	18	19	20	21	22	24	26	28	31	35	46	58	71	82	88	88	81	73	62	52	46	42	38	35	34	32	31	29	24
1.0	7	9	11	14	15	16	18	19	20	21	22	24	26	32	40	52	65	76	84	87	81	70	58	49	44	40	37	35	33	31	29	24
1.5	4	6	8	10	11	12	13	14	15	16	17	18	19	22	26	31	39	50	62	77	85	81	69	57	49	44	40	37	34	32	30	25
2.0	2	3	5	7	7	8	9	10	11	12	12	13	14	17	19	22	25	31	38	53	69	83	80	68	56	48	43	40	35	33	30	25
2.5	1	1	2	3	4	5	5	6	6	7	8	9	9	11	13	15	17	20	23	30	41	61	82	82	69	58	49	44	37	34	31	26
3.0	0	0	1	2	2	2	3	3	4	4	5	5	6	8	9	11	13	15	17	21	27	40	63	80	78	68	57	49	40	35	31	27
	IA/P = 0.30														IA/P = 0.30																	
0.0	0	0	0	0	0	1	2	4	6	10	14	19	24	34	41	46	48	49	48	47	46	44	43	42	41	40	40	40	40	40	39	35
.10	0	0	0	0	0	0	1	1	3	5	8	12	17	27	36	42	46	48	49	48	46	45	43	42	41	40	40	40	40	40	39	36
.20	0	0	0	0	0	0	0	1	2	4	7	10	15	24	33	41	45	48	49	48	47	45	43	43	41	40	40	40	40	40	39	36
.30	0	0	0	0	0	0	1	2	3	6	9	13	22	31	39	44	47	48	48	47	45	44	43	41	40	40	40	40	40	40	39	36
.40	0	0	0	0	0	0	0	1	1	3	5	7	15	24	33	40	45	47	48	47	46	44	43	42	40	40	40	40	40	40	39	36
.50	0	0	0	0	0	0	0	0	0	1	2	4	6	13	22	31	38	44	47	48	48	46	44	43	42	40	40	40	40	40	39	36
.75	0	0	0	0	0	0	0	0	0	1	1	2	4	9	16	24	33	39	44	47	48	47	45	43	42	41	40	40	40	40	39	36
1.0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	12	20	29	36	44	47	48	46	44	43	42	40	40	40	40	40	36
1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	12	19	30	39	46	47	46	44	43	42	40	40	40	40	37
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	8	17	28	40	46	47	45	44	42	41	40	40	40	37
2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	13	26	40	47	47	45	43	42	40	40	40	38	
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	12	28	41	46	46	45	43	41	40	40	38	
	IA/P = 0.50														IA/P = 0.50																	
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	7	11	16	22	27	30	32	35	38	42	42	42	42	
.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	7	13	19	24	28	31	34	37	41	42	42	42	
.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	12	19	24	28	31	33	36	41	42	42	42	
.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	12	18	23	28	30	33	36	40	42	42	42
.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	11	17	23	27	30	33	36	40	42	42	42
.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	10	17	22	27	30	32	36	40	41	41	41
.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	10	16	22	26	29	32	35	40	41	41	41
1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	11	17	23	27	30	33	38	41	41	41	
1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	12	18	23	27	30	36	40	41	41	
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	12	18	24	28	33	39	41	41	
2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	13	19	24	31	36	41	41	
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	13	19	28	34	41	41	

RAINFALL TYPE = IA

* * * TC = 1.5 HR * * *

SHEET 9 OF 10

Exhibit 5-1A: Tabular hydrograph unit discharges (cs/min) for type IA rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 7.0 to 22.0. It contains multiple rows of data for different rainfall types (IA/P = 0.10, 0.30, 0.50) and includes a note 'RAINFALL TYPE = IA' and 'SHEET 10 OF 10'.

Exhibit 5-II: Tabular hydrograph unit discharges (cs/mlin) for type II rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS), and rows for various discharge values (e.g., 0.0, .10, .20, .30, .40, .50, .75, 1.0, 1.5, 2.0, 2.5, 3.0) under different IA/P ratios (0.10, 0.30, 0.50).

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Exhibit 5-II: Tabular hydrograph unit discharges (csm/in) for type II rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 11.0 to 26.0. It contains multiple rows of unit discharge data for different rainfall types (IA/P = 0.10, 0.30, 0.50) and a total catchment area (TC = 0.4 HR). The data is organized into sections based on IA/P values and TC values.

Exhibit 5-II: Tabular hydrograph unit discharges (csm/in) for type II rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 11.3 to 26.0. Rows show unit discharges for various time intervals (0.0 to 3.0 hours) under different IA/P ratios (0.10, 0.30, 0.50) and a RAINFALL TYPE of II. Includes parameters like TC = 0.75 HR.

Exhibit 5-II: Tabular hydrograph unit discharges (csm/in) for type II rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 11.0 to 26.0. It contains multiple rows of unit discharge data for different IA/P ratios (0.10, 0.30, 0.50) and includes a TC value of 1.25 HR. The table is organized into sections for each IA/P ratio and includes a RAINFALL TYPE = II label at the bottom.

Exhibit 5-II: Tabular hydrograph unit discharges (csm/in) for type II rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 11.0 to 22.0. Rows show unit discharges for various time intervals (0.0 to 3.0 hours) under different IA/P ratios (0.10, 0.30, 0.50). Includes parameters like TC = 2.0 HR and RAINFALL TYPE = II.

Exhibit 5-III: Tabular hydrograph unit discharges (csm/in) for type III rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 11.0 to 26.0. It contains multiple rows of unit discharge data for different IA/P ratios (0.10, 0.30, 0.50) and TC values (0.2 HR). The table is organized into sections based on these parameters.

Exhibit 5-III: Tabular hydrograph unit discharges (csm/in) for type III rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) ranging from 11.3 to 26.0. Rows show unit discharge values for IA/P ratios of 0.10, 0.30, and 0.50. Includes TC = 0.3 HR and RAINFALL TYPE = III.

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Exhibit 5-III: Tabular hydrograph unit discharges (csm/in) for type III rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 11.0 to 26.0. Rows show unit discharges for various time intervals (0.0 to 3.0 hours) under different IA/P ratios (0.10, 0.30, 0.50). Includes parameters like RAINFALL TYPE = III and TC = 0.4 HR.

Exhibit 5-III: Tabular hydrograph unit discharges (cs/in) for type III rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 11.0 to 26.0. Rows show unit discharges for various time intervals (0.0 to 3.0 hours) under different rainfall types (IA/P = 0.10, 0.30, 0.50). Includes parameters like TC = 0.75 HR and RAINFALL TYPE = III.

Exhibit 5-III: Tabular hydrograph unit discharges (csm/in) for type III rainfall distribution - continued

Table with columns for TRVL TIME (hr) and HYDROGRAPH TIME (HOURS) from 11.0 to 26.0. It contains multiple rows of unit discharge data for different rainfall types (IA/P = 0.10, 0.30, 0.50) and includes parameters like TC = 1.25 HR. The table is organized into sections based on rainfall type and IA/P ratio.

Exhibit 5-III: Tabular hydrograph unit discharges (csm/in) for type III rainfall distribution - continued

Table with columns: TRVL TIME (hr), HYDROGRAPH TIME (HOURS), and unit discharge values. Includes sub-sections for IA/P = 0.10, 0.30, and 0.50, and parameters like RAINFALL TYPE = III and SHEET 10 OF 10.