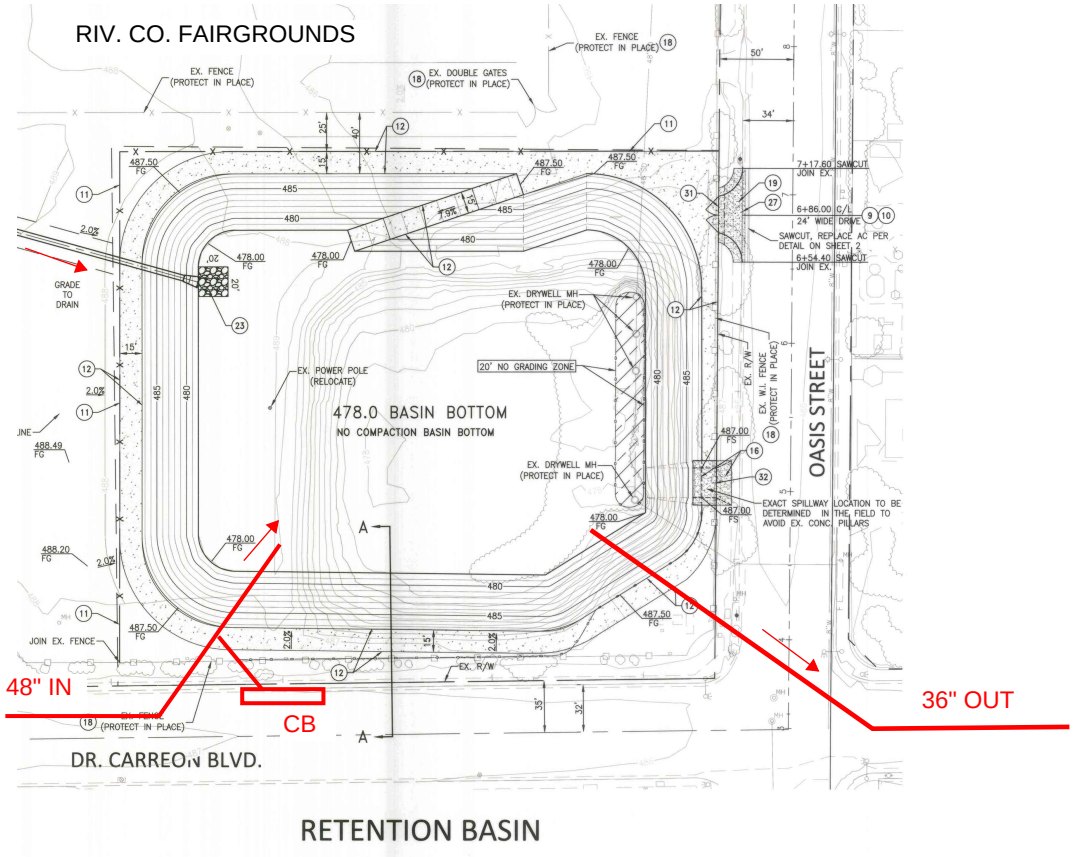
DETENTION/INFILTRATION BASIN SUMMARY

RETURN PERIOD (YR.)	STORM EVENT (HR.)	TOTAL VOL (AC-FT)	PEAK Q (CFS)	ROUTED Q (CFS)	BASIN DEPTH (FT)
100	3	28.6	319.6	63.9	10.5
	6	30.5	265.8	56.4	10.1
	24	32.5	74.8	34.4	6.5
10	3	12.3	146.0	29.2	5.1
	6	13.4	116.1	28.5	5.0
	24	16.2	24.8	18.2	3.1

EXISTING BASIN 9.5 DEPTH, LOWER BASIN BOTTOM FOR 1' TO INCREASE CAPACITY

BASIN EMERGENCY SPILLWAY ELEVATION IS 487.0, 10 FEET ABOVE THE BASIN BOTTOM



EXISTING BASIN WAS A RETENTION/ INFILTRATION BASIN, DESIGNED TO RETAIN 109 ACRES OF ON/OFFSITE 100-YEAR STORM . TO FULLY UTILIZE THE BASIN CAPACITY, THIS BASIN WILL BE MODIFIED TO A DETENTION BASIN, BY LOWER THE BOTTOM 1 FT, ADD A 24" OPENING OUTLET 1' ABOVE BOTTOM, AND ADD A 48" SD ON DR. CARREON, THIS BASIN WILL BE ABLE TO TREAT 310 ACRES OF WATERSHED, REDUCE ITS 100-YEAR 3-HOUR PEAK FLOW FROM 320 CFS TO 64 CFS. THUS REDUCE THE SIZE OF DOWNSTREAM STORM DRAIN FACILITY.
THE CONVERSION SHALL BE COMMENCED WHEN OUTLET SYSTEM IS CONSTRUCTED.

DETENTION/INFILTRATION BASIN SIZE

DEPTH (FT)	ELEVATION (FT)	WIDTH (FT)	LENGTH (FT)	AREA (FT)	VOLUME (CF)	SUM VOL (CF)	SUM VOL (AC-FT)	OUTLET Q (CFS)
-1	477	202	262	52924	0	0	0.00	2.23
0	478	210	270	56700	56700	56700	1.30	2.23
1	478	218	278	70080	70080	126780	2.91	8.93
2	479	226	286	74390	74390	201170	4.62	17.56
3	480	254	294	78810	78810	279980	6.43	23.82
4	481	262	302	83330	83330	363310	8.34	28.63
5	482	270	310	87950	87950	451260	10.36	32.68
6	483	278	318	92676	92676	543936	12.49	36.25
7	484	286	326	97500	97500	641436	14.73	39.47
8	485	294	334	102430	102430	743866	17.08	42.44
9	486	302	342	107460	107460	851326	19.54	45.20
9.5	487.5	310	350	109980	54990	906316	20.81	64.29

BASIN OUTLET

AVERAGE INFILTRATION RATE (INF) = 1.7 INCH/HOUR = 0.1417 FT/HR

FOR DEPTH -1, 0 & 1 : BASIN OUTLET = BOTTOM AREA X INF = (56700 SF X 0.1417 FT/HR)/ 3600 =2.23 CFS

FOR DEPTH 3-10: BASIN OUTLET = BOTTOM AREA X INF =[(56700+20x270) SF X 0.1417 FT/HR]/ 3600 =2.44 CFS

Note: Existing perforated storm drain pipes and 3-48" x 22.5' dry well capacity are excluded from the basin routing.

ORIFICE CALCULATIONS

DIA (ft)= 2.000 24" outlet, fl set at 1' above basin bottom
A (sf)= 3.140

EQUATIONS
Q=CA(2gh)^0.5
where g=32.2, C=0.6
and h=(H-DIA/2)

H (ft)	h (ft)	Q (cfs)
1	0.000	6.70
2	1.000	15.12
3	2.000	21.38
4	3.000	26.19
5	4.000	30.24
6	5.000	33.81
7	6.000	37.03
8	7.000	40.00
9	8.000	42.76

WEIR CALCULATIONS 20' FLAT

EQUATIONS
Q=CL(h)^(3/2) where C=2.7, L=20' h=0.5'
19.1

INDIO MDP 2018-0089
FAIRGROUNDS DETENTION BASIN
WATERSHED INPUT DATA

(EXISTING BASIN WAS AN INFILTRATION BASIN, DESIGNED TO TAKE 109 ACRES OF ONSITE AND OFFSITE 100-YEAR 24-HOUR STORM VOLUME)

TOTAL AREA	310.00	
DEVELOPED AREA		160
UNDEVELOPED AREA	150.00	
Lt (ft)	6600.00	
Lc (ft)	3200.00	
DIFFERENCE IN ELEV. (ft)	21.00	
N	0.022	
LOW LOSS RATE	0.80	0.5

SOIL GROUP A

AREA (ac)	75.00	80
% IMPERVIOUS	0.10	0.6
RI	78.00	32

SOIL GROUP B

AREA (ac)	75.00	80
% IMPERVIOUS	0.10	0.6
RI	86.00	56

NOAA ATLAS 14 RAINFALL DATA

2-Y 1-HOUR	0.35
2-Y 3-HOUR	0.56
2-Y 6-HOUR	0.73
2-Y 24-HOUR	1.15
100-Y 1-HOUR	1.44
100-Y 3-HOUR	2.14
100-Y 6-HOUR	2.76
100-Y 24-HOUR	4.46

FLOOD HYDROGRAPH ROUTING PROGRAM
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Study date: 04/16/19

INDIO MDP
EDA BASIN ROUTING
10-YEAR 3-HOUR

Program License Serial Number 4010

********** HYDROGRAPH INFORMATION **********

From study/file name: EDABASIN310.rte

**********HYDROGRAPH DATA**********

Number of intervals = 32
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 146.028 (CFS)
Total volume = 12.285 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****
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Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 32
Hydrograph time unit = 10.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
1.000	1.300	2.230	1.285	1.315
2.000	2.910	8.930	2.848	2.972
3.000	4.620	17.560	4.499	4.741
4.000	6.430	23.830	6.266	6.594
5.000	8.340	28.630	8.143	8.537
6.000	10.360	32.680	10.135	10.585
7.000	12.490	36.250	12.240	12.740
8.000	14.730	39.470	14.458	15.002
9.000	17.080	42.440	16.788	17.372
9.500	19.540	45.200	19.229	19.851
10.500	20.810	64.290	20.367	21.253

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 36.5 73.01 109.52 146.03	Depth (Ft.)
0.167	0.64	0.01	0.004	O | | | |	0.00
0.333	4.92	0.07	0.042	OI | | | |	0.03
0.500	9.41	0.24	0.139	O I | | | |	0.11
0.667	12.43	0.49	0.284	O I | | | |	0.22
0.833	14.68	0.79	0.462	O I | | | |	0.36
1.000	15.94	1.13	0.660	O I | | | |	0.51

1.167	17.13	1.49	0.869	O I				0.67
1.333	19.47	1.88	1.098	O I				0.84
1.500	21.54	2.44	1.351	O I				1.03
1.667	24.04	3.58	1.623	O I				1.20
1.833	26.48	4.78	1.914	O I				1.38
2.000	29.94	6.09	2.227	O I				1.58
2.167	32.98	7.50	2.567	O I				1.79
2.333	41.78	9.22	2.967	O I				2.03
2.500	63.09	12.12	3.542	O I				2.37
2.667	111.57	17.17	4.543	O	I			2.96
2.833	146.03	22.49	6.044	O			I	3.79
3.000	109.39	26.43	7.466	O		I		4.54
3.167	62.00	28.45	8.269	O	I			4.96
3.333	39.39	29.09	8.570	O I				5.11
3.500	25.77	29.19	8.618	IO				5.14
3.667	17.96	28.99	8.518	I O				5.09
3.833	13.17	28.62	8.336	I O				5.00
4.000	9.61	28.03	8.103	I O				4.88
4.167	6.95	27.36	7.835	I O				4.74
4.333	4.84	26.63	7.545	I O				4.58
4.500	3.73	25.87	7.242	I O				4.43
4.667	3.17	25.11	6.939	I O				4.27
4.833	2.39	24.35	6.636	I O				4.11
5.000	1.19	23.49	6.331	I O				3.95
5.167	0.18	22.43	6.025	I O				3.78
5.333	0.06	21.39	5.725	I O				3.61
5.500	0.00	20.39	5.437	I O				3.45
5.667	0.00	19.44	5.163	I O				3.30
5.833	0.00	18.53	4.901	I O				3.16
6.000	0.00	17.67	4.652	I O				3.02
6.167	0.00	16.53	4.416	I O				2.88
6.333	0.00	15.42	4.196	I O				2.75
6.500	0.00	14.39	3.991	I O				2.63
6.667	0.00	13.42	3.800	I O				2.52
6.833	0.00	12.52	3.621	I O				2.42
7.000	0.00	11.68	3.454	I O				2.32
7.167	0.00	10.89	3.299	I O				2.23
7.333	0.00	10.16	3.154	I O				2.14
7.500	0.00	9.48	3.019	I O				2.06
7.667	0.00	8.86	2.892	IO				1.99
7.833	0.00	8.36	2.774	IO				1.92
8.000	0.00	7.90	2.662	IO				1.85
8.167	0.00	7.46	2.556	IO				1.78
8.333	0.00	7.04	2.456	IO				1.72
8.500	0.00	6.65	2.362	IO				1.66
8.667	0.00	6.28	2.273	IO				1.60
8.833	0.00	5.93	2.189	IO				1.55
9.000	0.00	5.60	2.109	IO				1.50
9.167	0.00	5.29	2.034	IO				1.46
9.333	0.00	4.99	1.964	IO				1.41
9.500	0.00	4.71	1.897	IO				1.37
9.667	0.00	4.45	1.834	O				1.33
9.833	0.00	4.20	1.774	O				1.29
10.000	0.00	3.97	1.718	O				1.26
10.167	0.00	3.75	1.665	O				1.23
10.333	0.00	3.54	1.614	O				1.20
10.500	0.00	3.34	1.567	O				1.17
10.667	0.00	3.16	1.522	O				1.14
10.833	0.00	2.98	1.480	O				1.11
11.000	0.00	2.81	1.440	O				1.09
11.167	0.00	2.66	1.403	O				1.06
11.333	0.00	2.51	1.367	O				1.04
11.500	0.00	2.37	1.333	O				1.02
11.667	0.00	2.24	1.302	O				1.00
11.833	0.00	2.18	1.271	O				0.98
12.000	0.00	2.13	1.242	O				0.96
12.167	0.00	2.08	1.213	O				0.93
12.333	0.00	2.03	1.184	O				0.91
12.500	0.00	1.98	1.157	O				0.89
12.667	0.00	1.94	1.130	O				0.87
12.833	0.00	1.89	1.103	O				0.85

13.000	0.00	1.85	1.077	O				0.83
13.167	0.00	1.81	1.052	O				0.81
13.333	0.00	1.76	1.028	O				0.79
13.500	0.00	1.72	1.004	O				0.77
13.667	0.00	1.68	0.980	O				0.75
13.833	0.00	1.64	0.957	O				0.74
14.000	0.00	1.60	0.935	O				0.72
14.167	0.00	1.57	0.913	O				0.70
14.333	0.00	1.53	0.892	O				0.69
14.500	0.00	1.49	0.871	O				0.67
14.667	0.00	1.46	0.851	O				0.65
14.833	0.00	1.43	0.831	O				0.64
15.000	0.00	1.39	0.811	O				0.62
15.167	0.00	1.36	0.792	O				0.61
15.333	0.00	1.33	0.774	O				0.60
15.500	0.00	1.30	0.756	O				0.58
15.667	0.00	1.27	0.738	O				0.57
15.833	0.00	1.24	0.721	O				0.55
16.000	0.00	1.21	0.704	O				0.54
16.167	0.00	1.18	0.688	O				0.53
16.333	0.00	1.15	0.672	O				0.52
16.500	0.00	1.13	0.656	O				0.50
16.667	0.00	1.10	0.641	O				0.49
16.833	0.00	1.07	0.626	O				0.48
17.000	0.00	1.05	0.611	O				0.47
17.167	0.00	1.02	0.597	O				0.46
17.333	0.00	1.00	0.583	O				0.45
17.500	0.00	0.98	0.569	O				0.44
17.667	0.00	0.95	0.556	O				0.43
17.833	0.00	0.93	0.543	O				0.42
18.000	0.00	0.91	0.530	O				0.41
18.167	0.00	0.89	0.518	O				0.40
18.333	0.00	0.87	0.506	O				0.39
18.500	0.00	0.85	0.494	O				0.38
18.667	0.00	0.83	0.482	O				0.37
18.833	0.00	0.81	0.471	O				0.36
19.000	0.00	0.79	0.460	O				0.35
19.167	0.00	0.77	0.449	O				0.35
19.333	0.00	0.75	0.439	O				0.34
19.500	0.00	0.74	0.429	O				0.33
19.667	0.00	0.72	0.419	O				0.32
19.833	0.00	0.70	0.409	O				0.31
20.000	0.00	0.69	0.399	O				0.31
20.167	0.00	0.67	0.390	O				0.30
20.333	0.00	0.65	0.381	O				0.29
20.500	0.00	0.64	0.372	O				0.29
20.667	0.00	0.62	0.363	O				0.28
20.833	0.00	0.61	0.355	O				0.27
21.000	0.00	0.59	0.347	O				0.27
21.167	0.00	0.58	0.338	O				0.26
21.333	0.00	0.57	0.331	O				0.25
21.500	0.00	0.55	0.323	O				0.25
21.667	0.00	0.54	0.315	O				0.24
21.833	0.00	0.53	0.308	O				0.24
22.000	0.00	0.52	0.301	O				0.23
22.167	0.00	0.50	0.294	O				0.23
22.333	0.00	0.49	0.287	O				0.22
22.500	0.00	0.48	0.280	O				0.22
22.667	0.00	0.47	0.274	O				0.21
22.833	0.00	0.46	0.267	O				0.21
23.000	0.00	0.45	0.261	O				0.20
23.167	0.00	0.44	0.255	O				0.20
23.333	0.00	0.43	0.249	O				0.19
23.500	0.00	0.42	0.243	O				0.19
23.667	0.00	0.41	0.237	O				0.18
23.833	0.00	0.40	0.232	O				0.18
24.000	0.00	0.39	0.227	O				0.17
24.167	0.00	0.38	0.221	O				0.17
24.333	0.00	0.37	0.216	O				0.17
24.500	0.00	0.36	0.211	O				0.16
24.667	0.00	0.35	0.206	O				0.16

24.833	0.00	0.35	0.201	O				0.15
25.000	0.00	0.34	0.197	O				0.15
25.167	0.00	0.33	0.192	O				0.15
25.333	0.00	0.32	0.188	O				0.14
25.500	0.00	0.31	0.183	O				0.14
25.667	0.00	0.31	0.179	O				0.14
25.833	0.00	0.30	0.175	O				0.13
26.000	0.00	0.29	0.171	O				0.13
26.167	0.00	0.29	0.167	O				0.13
26.333	0.00	0.28	0.163	O				0.13
26.500	0.00	0.27	0.159	O				0.12
26.667	0.00	0.27	0.155	O				0.12
26.833	0.00	0.26	0.152	O				0.12
27.000	0.00	0.25	0.148	O				0.11
27.167	0.00	0.25	0.145	O				0.11
27.333	0.00	0.24	0.141	O				0.11
27.500	0.00	0.24	0.138	O				0.11
27.667	0.00	0.23	0.135	O				0.10
27.833	0.00	0.23	0.132	O				0.10
28.000	0.00	0.22	0.128	O				0.10
28.167	0.00	0.22	0.125	O				0.10
28.333	0.00	0.21	0.123	O				0.09
28.500	0.00	0.21	0.120	O				0.09
28.667	0.00	0.20	0.117	O				0.09
28.833	0.00	0.20	0.114	O				0.09
29.000	0.00	0.19	0.111	O				0.09
29.167	0.00	0.19	0.109	O				0.08
29.333	0.00	0.18	0.106	O				0.08
29.500	0.00	0.18	0.104	O				0.08
29.667	0.00	0.17	0.101	O				0.08
29.833	0.00	0.17	0.099	O				0.08
30.000	0.00	0.17	0.097	O				0.07
30.167	0.00	0.16	0.094	O				0.07
30.333	0.00	0.16	0.092	O				0.07
30.500	0.00	0.15	0.090	O				0.07
30.667	0.00	0.15	0.088	O				0.07
30.833	0.00	0.15	0.086	O				0.07
31.000	0.00	0.14	0.084	O				0.06
31.167	0.00	0.14	0.082	O				0.06
31.333	0.00	0.14	0.080	O				0.06
31.500	0.00	0.13	0.078	O				0.06
31.667	0.00	0.13	0.076	O				0.06
31.833	0.00	0.13	0.075	O				0.06
32.000	0.00	0.12	0.073	O				0.06
32.167	0.00	0.12	0.071	O				0.05
32.333	0.00	0.12	0.070	O				0.05
32.500	0.00	0.12	0.068	O				0.05
32.667	0.00	0.11	0.066	O				0.05
32.833	0.00	0.11	0.065	O				0.05
33.000	0.00	0.11	0.063	O				0.05
33.167	0.00	0.11	0.062	O				0.05
33.333	0.00	0.10	0.060	O				0.05
33.500	0.00	0.10	0.059	O				0.05
33.667	0.00	0.10	0.058	O				0.04
33.833	0.00	0.10	0.056	O				0.04
34.000	0.00	0.09	0.055	O				0.04
34.167	0.00	0.09	0.054	O				0.04
34.333	0.00	0.09	0.052	O				0.04
34.500	0.00	0.09	0.051	O				0.04
34.667	0.00	0.09	0.050	O				0.04
34.833	0.00	0.08	0.049	O				0.04
35.000	0.00	0.08	0.048	O				0.04
35.167	0.00	0.08	0.047	O				0.04
35.333	0.00	0.08	0.045	O				0.03
35.500	0.00	0.08	0.044	O				0.03
35.667	0.00	0.07	0.043	O				0.03
35.833	0.00	0.07	0.042	O				0.03
36.000	0.00	0.07	0.041	O				0.03
36.167	0.00	0.07	0.040	O				0.03
36.333	0.00	0.07	0.039	O				0.03
36.500	0.00	0.07	0.038	O				0.03

36.667	0.00	0.06	0.038	O					0.03
36.833	0.00	0.06	0.037	O					0.03
37.000	0.00	0.06	0.036	O					0.03
37.167	0.00	0.06	0.035	O					0.03
37.333	0.00	0.06	0.034	O					0.03
37.500	0.00	0.06	0.033	O					0.03
37.667	0.00	0.06	0.033	O					0.03
37.833	0.00	0.05	0.032	O					0.02
38.000	0.00	0.05	0.031	O					0.02
38.167	0.00	0.05	0.030	O					0.02
38.333	0.00	0.05	0.030	O					0.02
38.500	0.00	0.05	0.029	O					0.02
38.667	0.00	0.05	0.028	O					0.02
38.833	0.00	0.05	0.028	O					0.02
39.000	0.00	0.05	0.027	O					0.02
39.167	0.00	0.05	0.026	O					0.02
39.333	0.00	0.04	0.026	O					0.02
39.500	0.00	0.04	0.025	O					0.02
39.667	0.00	0.04	0.025	O					0.02
39.833	0.00	0.04	0.024	O					0.02
40.000	0.00	0.04	0.023	O					0.02
40.167	0.00	0.04	0.023	O					0.02
40.333	0.00	0.04	0.022	O					0.02
40.500	0.00	0.04	0.022	O					0.02
40.667	0.00	0.04	0.021	O					0.02
40.833	0.00	0.04	0.021	O					0.02
41.000	0.00	0.03	0.020	O					0.02
41.167	0.00	0.03	0.020	O					0.02
41.333	0.00	0.03	0.019	O					0.01
41.500	0.00	0.03	0.019	O					0.01
41.667	0.00	0.03	0.019	O					0.01
41.833	0.00	0.03	0.018	O					0.01
42.000	0.00	0.03	0.018	O					0.01
42.167	0.00	0.03	0.017	O					0.01
42.333	0.00	0.03	0.017	O					0.01
42.500	0.00	0.03	0.016	O					0.01
42.667	0.00	0.03	0.016	O					0.01
42.833	0.00	0.03	0.016	O					0.01
43.000	0.00	0.03	0.015	O					0.01
43.167	0.00	0.03	0.015	O					0.01
43.333	0.00	0.03	0.015	O					0.01
43.500	0.00	0.02	0.014	O					0.01
43.667	0.00	0.02	0.014	O					0.01
43.833	0.00	0.02	0.014	O					0.01
44.000	0.00	0.02	0.013	O					0.01
44.167	0.00	0.02	0.013	O					0.01
44.333	0.00	0.02	0.013	O					0.01
44.500	0.00	0.02	0.012	O					0.01
44.667	0.00	0.02	0.012	O					0.01
44.833	0.00	0.02	0.012	O					0.01
45.000	0.00	0.02	0.012	O					0.01
45.167	0.00	0.02	0.011	O					0.01
45.333	0.00	0.02	0.011	O					0.01
45.500	0.00	0.02	0.011	O					0.01
45.667	0.00	0.02	0.010	O					0.01
45.833	0.00	0.02	0.010	O					0.01
46.000	0.00	0.02	0.010	O					0.01
46.167	0.00	0.02	0.010	O					0.01
46.333	0.00	0.02	0.010	O					0.01
46.500	0.00	0.02	0.009	O					0.01
46.667	0.00	0.02	0.009	O					0.01
46.833	0.00	0.02	0.009	O					0.01
47.000	0.00	0.01	0.009	O					0.01
47.167	0.00	0.01	0.008	O					0.01
47.333	0.00	0.01	0.008	O					0.01
47.500	0.00	0.01	0.008	O					0.01
47.667	0.00	0.01	0.008	O					0.01
47.833	0.00	0.01	0.008	O					0.01
48.000	0.00	0.01	0.008	O					0.01
48.167	0.00	0.01	0.007	O					0.01
48.333	0.00	0.01	0.007	O					0.01

48.500	0.00	0.01	0.007	O	|	|	|	0.01
48.667	0.00	0.01	0.007	O	|	|	|	0.01
48.833	0.00	0.01	0.007	O	|	|	|	0.01
49.000	0.00	0.01	0.007	O	|	|	|	0.01
49.167	0.00	0.01	0.006	O	|	|	|	0.00
49.333	0.00	0.01	0.006	O	|	|	|	0.00
49.500	0.00	0.01	0.006	O	|	|	|	0.00
49.667	0.00	0.01	0.006	O	|	|	|	0.00
49.833	0.00	0.01	0.006	O	|	|	|	0.00
50.000	0.00	0.01	0.006	O	|	|	|	0.00
50.167	0.00	0.01	0.006	O	|	|	|	0.00
50.333	0.00	0.01	0.005	O	|	|	|	0.00
50.500	0.00	0.01	0.005	O	|	|	|	0.00
50.667	0.00	0.01	0.005	O	|	|	|	0.00
50.833	0.00	0.01	0.005	O	|	|	|	0.00
51.000	0.00	0.01	0.005	O	|	|	|	0.00
51.167	0.00	0.01	0.005	O	|	|	|	0.00
51.333	0.00	0.01	0.005	O	|	|	|	0.00
51.500	0.00	0.01	0.005	O	|	|	|	0.00
51.667	0.00	0.01	0.004	O	|	|	|	0.00
51.833	0.00	0.01	0.004	O	|	|	|	0.00
52.000	0.00	0.01	0.004	O	|	|	|	0.00
52.167	0.00	0.01	0.004	O	|	|	|	0.00
52.333	0.00	0.01	0.004	O	|	|	|	0.00
52.500	0.00	0.01	0.004	O	|	|	|	0.00
52.667	0.00	0.01	0.004	O	|	|	|	0.00
52.833	0.00	0.01	0.004	O	|	|	|	0.00
53.000	0.00	0.01	0.004	O	|	|	|	0.00
53.167	0.00	0.01	0.004	O	|	|	|	0.00
53.333	0.00	0.01	0.004	O	|	|	|	0.00
53.500	0.00	0.01	0.003	O	|	|	|	0.00
53.667	0.00	0.01	0.003	O	|	|	|	0.00
53.833	0.00	0.01	0.003	O	|	|	|	0.00
54.000	0.00	0.01	0.003	O	|	|	|	0.00
54.167	0.00	0.01	0.003	O	|	|	|	0.00
54.333	0.00	0.01	0.003	O	|	|	|	0.00
54.500	0.00	0.01	0.003	O	|	|	|	0.00
54.667	0.00	0.01	0.003	O	|	|	|	0.00
54.833	0.00	0.00	0.003	O	|	|	|	0.00
55.000	0.00	0.00	0.003	O	|	|	|	0.00
55.167	0.00	0.00	0.003	O	|	|	|	0.00
55.333	0.00	0.00	0.003	O	|	|	|	0.00
55.500	0.00	0.00	0.003	O	|	|	|	0.00
55.667	0.00	0.00	0.003	O	|	|	|	0.00
55.833	0.00	0.00	0.002	O	|	|	|	0.00
56.000	0.00	0.00	0.002	O	|	|	|	0.00
56.167	0.00	0.00	0.002	O	|	|	|	0.00
56.333	0.00	0.00	0.002	O	|	|	|	0.00
56.500	0.00	0.00	0.002	O	|	|	|	0.00
56.667	0.00	0.00	0.002	O	|	|	|	0.00
56.833	0.00	0.00	0.002	O	|	|	|	0.00
57.000	0.00	0.00	0.002	O	|	|	|	0.00
57.167	0.00	0.00	0.002	O	|	|	|	0.00
57.333	0.00	0.00	0.002	O	|	|	|	0.00
57.500	0.00	0.00	0.002	O	|	|	|	0.00
57.667	0.00	0.00	0.002	O	|	|	|	0.00
57.833	0.00	0.00	0.002	O	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 363
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 29.187 (CFS)
Total volume = 12.283 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

FLOOD HYDROGRAPH ROUTING PROGRAM
Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
Study date: 04/16/19

INDIO MDP
EDA BASIN ROUTING
10-YEAR 6-HOUR

Program License Serial Number 4010

********** HYDROGRAPH INFORMATION **********

From study/file name: EDABASIN610.rte

**********HYDROGRAPH DATA**********

Number of intervals = 50
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 116.109 (CFS)
Total volume = 13.390 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****
++++++++++
Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 50
Hydrograph time unit = 10.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
1.000	1.300	2.230	1.285	1.315
2.000	2.910	8.930	2.848	2.972
3.000	4.620	17.560	4.499	4.741
4.000	6.430	23.830	6.266	6.594
5.000	8.340	28.630	8.143	8.537
6.000	10.360	32.680	10.135	10.585
7.000	12.490	36.250	12.240	12.740
8.000	14.730	39.470	14.458	15.002
9.000	17.080	42.440	16.788	17.372
9.500	19.540	45.200	19.229	19.851
10.500	20.810	64.290	20.367	21.253

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	29.0	58.05	87.08	116.11	Depth (Ft.)
0.167	0.35	0.00	0.002	O	|	|	|	|	0.00
0.333	2.73	0.04	0.023	O	|	|	|	|	0.02
0.500	5.33	0.13	0.078	OI	|	|	|	|	0.06
0.667	6.82	0.27	0.158	OI	|	|	|	|	0.12
0.833	7.93	0.44	0.255	O I	|	|	|	|	0.20
1.000	8.73	0.62	0.363	O I	|	|	|	|	0.28
1.167	9.42	0.82	0.478	O I	|	|	|	|	0.37

1.333	10.17	1.03	0.600	O I				0.46
1.500	10.71	1.25	0.728	O I				0.56
1.667	11.02	1.47	0.859	O I				0.66
1.833	11.23	1.70	0.990	O I				0.76
2.000	11.40	1.92	1.121	O I				0.86
2.167	11.73	2.15	1.252	O I				0.96
2.333	12.07	2.58	1.384	O I				1.05
2.500	12.45	3.12	1.513	O I				1.13
2.667	12.75	3.65	1.640	O I				1.21
2.833	12.96	4.16	1.764	O I				1.29
3.000	13.47	4.66	1.885	O I				1.36
3.167	14.00	5.17	2.006	O I				1.44
3.333	14.48	5.67	2.128	O I				1.51
3.500	15.14	6.18	2.250	O I				1.59
3.667	16.27	6.71	2.378	O I				1.67
3.833	17.83	7.29	2.516	O I				1.76
4.000	19.38	7.92	2.668	O I				1.85
4.167	20.87	8.60	2.831	O I				1.95
4.333	22.60	9.42	3.006	O I				2.06
4.500	24.72	10.37	3.196	O I				2.17
4.667	26.94	11.41	3.402	O I				2.29
4.833	29.09	12.53	3.623	O I				2.42
5.000	31.51	13.72	3.859	O I				2.56
5.167	37.32	15.11	4.135	O I				2.72
5.333	55.91	17.23	4.554	O	I			2.96
5.500	85.94	19.83	5.276	O		I		3.36
5.667	116.11	23.62	6.368	O			I	3.97
5.833	92.78	26.42	7.462	O		I		4.54
6.000	51.63	27.98	8.082	O	I			4.86
6.167	33.03	28.47	8.276	O I				4.97
6.333	22.22	28.44	8.265	IO				4.96
6.500	15.18	28.11	8.133	I O				4.89
6.667	11.05	27.60	7.930	I O				4.79
6.833	8.05	26.99	7.686	I O				4.66
7.000	5.80	26.30	7.414	I O				4.52
7.167	4.11	25.58	7.125	I O				4.36
7.333	3.05	24.83	6.827	I O				4.21
7.500	2.62	24.08	6.529	I O				4.05
7.667	1.91	23.16	6.235	I O				3.89
7.833	1.09	22.15	5.944	I O				3.73
8.000	0.16	21.14	5.654	I O				3.57
8.167	0.06	20.16	5.371	I O				3.42
8.333	0.02	19.23	5.101	I O				3.27
8.500	0.00	18.33	4.842	I O				3.12
8.667	0.00	17.44	4.596	I O				2.99
8.833	0.00	16.27	4.364	I O				2.85
9.000	0.00	15.17	4.147	I O				2.72
9.167	0.00	14.15	3.945	I O				2.61
9.333	0.00	13.20	3.757	I O				2.50
9.500	0.00	12.32	3.581	I O				2.39
9.667	0.00	11.49	3.417	I O				2.30
9.833	0.00	10.72	3.264	I O				2.21
10.000	0.00	10.00	3.121	I O				2.12
10.167	0.00	9.33	2.988	I O				2.05
10.333	0.00	8.74	2.864	I O				1.97
10.500	0.00	8.25	2.747	I O				1.90
10.667	0.00	7.79	2.636	I O				1.83
10.833	0.00	7.36	2.532	I O				1.77
11.000	0.00	6.95	2.434	IO				1.70
11.167	0.00	6.56	2.341	IO				1.65
11.333	0.00	6.19	2.253	IO				1.59
11.500	0.00	5.85	2.170	IO				1.54
11.667	0.00	5.52	2.091	IO				1.49
11.833	0.00	5.22	2.018	IO				1.45
12.000	0.00	4.93	1.948	IO				1.40
12.167	0.00	4.65	1.882	IO				1.36
12.333	0.00	4.39	1.819	IO				1.32
12.500	0.00	4.15	1.761	IO				1.29
12.667	0.00	3.92	1.705	IO				1.25
12.833	0.00	3.70	1.653	IO				1.22
13.000	0.00	3.49	1.603	O				1.19

13.167	0.00	3.30	1.556	O	|	|	|	|	1.16
13.333	0.00	3.11	1.512	O	|	|	|	|	1.13
13.500	0.00	2.94	1.471	O	|	|	|	|	1.11
13.667	0.00	2.78	1.431	O	|	|	|	|	1.08
13.833	0.00	2.62	1.394	O	|	|	|	|	1.06
14.000	0.00	2.48	1.359	O	|	|	|	|	1.04
14.167	0.00	2.34	1.326	O	|	|	|	|	1.02
14.333	0.00	2.22	1.294	O	|	|	|	|	1.00
14.500	0.00	2.17	1.264	O	|	|	|	|	0.97
14.667	0.00	2.12	1.235	O	|	|	|	|	0.95
14.833	0.00	2.07	1.206	O	|	|	|	|	0.93
15.000	0.00	2.02	1.178	O	|	|	|	|	0.91
15.167	0.00	1.97	1.150	O	|	|	|	|	0.88
15.333	0.00	1.93	1.123	O	|	|	|	|	0.86
15.500	0.00	1.88	1.097	O	|	|	|	|	0.84
15.667	0.00	1.84	1.071	O	|	|	|	|	0.82
15.833	0.00	1.80	1.046	O	|	|	|	|	0.80
16.000	0.00	1.75	1.022	O	|	|	|	|	0.79
16.167	0.00	1.71	0.998	O	|	|	|	|	0.77
16.333	0.00	1.67	0.975	O	|	|	|	|	0.75
16.500	0.00	1.63	0.952	O	|	|	|	|	0.73
16.667	0.00	1.60	0.930	O	|	|	|	|	0.72
16.833	0.00	1.56	0.908	O	|	|	|	|	0.70
17.000	0.00	1.52	0.887	O	|	|	|	|	0.68
17.167	0.00	1.49	0.866	O	|	|	|	|	0.67
17.333	0.00	1.45	0.846	O	|	|	|	|	0.65
17.500	0.00	1.42	0.826	O	|	|	|	|	0.64
17.667	0.00	1.38	0.807	O	|	|	|	|	0.62
17.833	0.00	1.35	0.788	O	|	|	|	|	0.61
18.000	0.00	1.32	0.770	O	|	|	|	|	0.59
18.167	0.00	1.29	0.752	O	|	|	|	|	0.58
18.333	0.00	1.26	0.734	O	|	|	|	|	0.56
18.500	0.00	1.23	0.717	O	|	|	|	|	0.55
18.667	0.00	1.20	0.700	O	|	|	|	|	0.54
18.833	0.00	1.17	0.684	O	|	|	|	|	0.53
19.000	0.00	1.15	0.668	O	|	|	|	|	0.51
19.167	0.00	1.12	0.652	O	|	|	|	|	0.50
19.333	0.00	1.09	0.637	O	|	|	|	|	0.49
19.500	0.00	1.07	0.622	O	|	|	|	|	0.48
19.667	0.00	1.04	0.608	O	|	|	|	|	0.47
19.833	0.00	1.02	0.594	O	|	|	|	|	0.46
20.000	0.00	0.99	0.580	O	|	|	|	|	0.45
20.167	0.00	0.97	0.566	O	|	|	|	|	0.44
20.333	0.00	0.95	0.553	O	|	|	|	|	0.43
20.500	0.00	0.93	0.540	O	|	|	|	|	0.42
20.667	0.00	0.90	0.527	O	|	|	|	|	0.41
20.833	0.00	0.88	0.515	O	|	|	|	|	0.40
21.000	0.00	0.86	0.503	O	|	|	|	|	0.39
21.167	0.00	0.84	0.491	O	|	|	|	|	0.38
21.333	0.00	0.82	0.480	O	|	|	|	|	0.37
21.500	0.00	0.80	0.469	O	|	|	|	|	0.36
21.667	0.00	0.79	0.458	O	|	|	|	|	0.35
21.833	0.00	0.77	0.447	O	|	|	|	|	0.34
22.000	0.00	0.75	0.437	O	|	|	|	|	0.34
22.167	0.00	0.73	0.426	O	|	|	|	|	0.33
22.333	0.00	0.71	0.416	O	|	|	|	|	0.32
22.500	0.00	0.70	0.407	O	|	|	|	|	0.31
22.667	0.00	0.68	0.397	O	|	|	|	|	0.31
22.833	0.00	0.67	0.388	O	|	|	|	|	0.30
23.000	0.00	0.65	0.379	O	|	|	|	|	0.29
23.167	0.00	0.63	0.370	O	|	|	|	|	0.28
23.333	0.00	0.62	0.361	O	|	|	|	|	0.28
23.500	0.00	0.61	0.353	O	|	|	|	|	0.27
23.667	0.00	0.59	0.345	O	|	|	|	|	0.27
23.833	0.00	0.58	0.337	O	|	|	|	|	0.26
24.000	0.00	0.56	0.329	O	|	|	|	|	0.25
24.167	0.00	0.55	0.321	O	|	|	|	|	0.25
24.333	0.00	0.54	0.314	O	|	|	|	|	0.24
24.500	0.00	0.53	0.306	O	|	|	|	|	0.24
24.667	0.00	0.51	0.299	O	|	|	|	|	0.23
24.833	0.00	0.50	0.292	O	|	|	|	|	0.22

25.000	0.00	0.49	0.285	O					0.22
25.167	0.00	0.48	0.279	O					0.21
25.333	0.00	0.47	0.272	O					0.21
25.500	0.00	0.46	0.266	O					0.20
25.667	0.00	0.45	0.260	O					0.20
25.833	0.00	0.43	0.254	O					0.20
26.000	0.00	0.42	0.248	O					0.19
26.167	0.00	0.41	0.242	O					0.19
26.333	0.00	0.41	0.236	O					0.18
26.500	0.00	0.40	0.231	O					0.18
26.667	0.00	0.39	0.225	O					0.17
26.833	0.00	0.38	0.220	O					0.17
27.000	0.00	0.37	0.215	O					0.17
27.167	0.00	0.36	0.210	O					0.16
27.333	0.00	0.35	0.205	O					0.16
27.500	0.00	0.34	0.200	O					0.15
27.667	0.00	0.34	0.195	O					0.15
27.833	0.00	0.33	0.191	O					0.15
28.000	0.00	0.32	0.186	O					0.14
28.167	0.00	0.31	0.182	O					0.14
28.333	0.00	0.31	0.178	O					0.14
28.500	0.00	0.30	0.174	O					0.13
28.667	0.00	0.29	0.170	O					0.13
28.833	0.00	0.28	0.166	O					0.13
29.000	0.00	0.28	0.162	O					0.12
29.167	0.00	0.27	0.158	O					0.12
29.333	0.00	0.26	0.154	O					0.12
29.500	0.00	0.26	0.151	O					0.12
29.667	0.00	0.25	0.147	O					0.11
29.833	0.00	0.25	0.144	O					0.11
30.000	0.00	0.24	0.140	O					0.11
30.167	0.00	0.24	0.137	O					0.11
30.333	0.00	0.23	0.134	O					0.10
30.500	0.00	0.22	0.131	O					0.10
30.667	0.00	0.22	0.128	O					0.10
30.833	0.00	0.21	0.125	O					0.10
31.000	0.00	0.21	0.122	O					0.09
31.167	0.00	0.20	0.119	O					0.09
31.333	0.00	0.20	0.116	O					0.09
31.500	0.00	0.19	0.114	O					0.09
31.667	0.00	0.19	0.111	O					0.09
31.833	0.00	0.19	0.108	O					0.08
32.000	0.00	0.18	0.106	O					0.08
32.167	0.00	0.18	0.103	O					0.08
32.333	0.00	0.17	0.101	O					0.08
32.500	0.00	0.17	0.099	O					0.08
32.667	0.00	0.17	0.096	O					0.07
32.833	0.00	0.16	0.094	O					0.07
33.000	0.00	0.16	0.092	O					0.07
33.167	0.00	0.15	0.090	O					0.07
33.333	0.00	0.15	0.088	O					0.07
33.500	0.00	0.15	0.085	O					0.07
33.667	0.00	0.14	0.083	O					0.06
33.833	0.00	0.14	0.082	O					0.06
34.000	0.00	0.14	0.080	O					0.06
34.167	0.00	0.13	0.078	O					0.06
34.333	0.00	0.13	0.076	O					0.06
34.500	0.00	0.13	0.074	O					0.06
34.667	0.00	0.12	0.072	O					0.06
34.833	0.00	0.12	0.071	O					0.05
35.000	0.00	0.12	0.069	O					0.05
35.167	0.00	0.12	0.068	O					0.05
35.333	0.00	0.11	0.066	O					0.05
35.500	0.00	0.11	0.064	O					0.05
35.667	0.00	0.11	0.063	O					0.05
35.833	0.00	0.11	0.061	O					0.05
36.000	0.00	0.10	0.060	O					0.05
36.167	0.00	0.10	0.059	O					0.05
36.333	0.00	0.10	0.057	O					0.04
36.500	0.00	0.10	0.056	O					0.04
36.667	0.00	0.09	0.055	O					0.04

36.833	0.00	0.09	0.053	O	|	|	|	|	0.04
37.000	0.00	0.09	0.052	O	|	|	|	|	0.04
37.167	0.00	0.09	0.051	O	|	|	|	|	0.04
37.333	0.00	0.09	0.050	O	|	|	|	|	0.04
37.500	0.00	0.08	0.048	O	|	|	|	|	0.04
37.667	0.00	0.08	0.047	O	|	|	|	|	0.04
37.833	0.00	0.08	0.046	O	|	|	|	|	0.04
38.000	0.00	0.08	0.045	O	|	|	|	|	0.03
38.167	0.00	0.08	0.044	O	|	|	|	|	0.03
38.333	0.00	0.07	0.043	O	|	|	|	|	0.03
38.500	0.00	0.07	0.042	O	|	|	|	|	0.03
38.667	0.00	0.07	0.041	O	|	|	|	|	0.03
38.833	0.00	0.07	0.040	O	|	|	|	|	0.03
39.000	0.00	0.07	0.039	O	|	|	|	|	0.03
39.167	0.00	0.07	0.038	O	|	|	|	|	0.03
39.333	0.00	0.06	0.037	O	|	|	|	|	0.03
39.500	0.00	0.06	0.037	O	|	|	|	|	0.03
39.667	0.00	0.06	0.036	O	|	|	|	|	0.03
39.833	0.00	0.06	0.035	O	|	|	|	|	0.03
40.000	0.00	0.06	0.034	O	|	|	|	|	0.03
40.167	0.00	0.06	0.033	O	|	|	|	|	0.03
40.333	0.00	0.06	0.032	O	|	|	|	|	0.02
40.500	0.00	0.05	0.032	O	|	|	|	|	0.02
40.667	0.00	0.05	0.031	O	|	|	|	|	0.02
40.833	0.00	0.05	0.030	O	|	|	|	|	0.02
41.000	0.00	0.05	0.030	O	|	|	|	|	0.02
41.167	0.00	0.05	0.029	O	|	|	|	|	0.02
41.333	0.00	0.05	0.028	O	|	|	|	|	0.02
41.500	0.00	0.05	0.028	O	|	|	|	|	0.02
41.667	0.00	0.05	0.027	O	|	|	|	|	0.02
41.833	0.00	0.04	0.026	O	|	|	|	|	0.02
42.000	0.00	0.04	0.026	O	|	|	|	|	0.02
42.167	0.00	0.04	0.025	O	|	|	|	|	0.02
42.333	0.00	0.04	0.024	O	|	|	|	|	0.02
42.500	0.00	0.04	0.024	O	|	|	|	|	0.02
42.667	0.00	0.04	0.023	O	|	|	|	|	0.02
42.833	0.00	0.04	0.023	O	|	|	|	|	0.02
43.000	0.00	0.04	0.022	O	|	|	|	|	0.02
43.167	0.00	0.04	0.022	O	|	|	|	|	0.02
43.333	0.00	0.04	0.021	O	|	|	|	|	0.02
43.500	0.00	0.04	0.021	O	|	|	|	|	0.02
43.667	0.00	0.03	0.020	O	|	|	|	|	0.02
43.833	0.00	0.03	0.020	O	|	|	|	|	0.02
44.000	0.00	0.03	0.019	O	|	|	|	|	0.01
44.167	0.00	0.03	0.019	O	|	|	|	|	0.01
44.333	0.00	0.03	0.018	O	|	|	|	|	0.01
44.500	0.00	0.03	0.018	O	|	|	|	|	0.01
44.667	0.00	0.03	0.018	O	|	|	|	|	0.01
44.833	0.00	0.03	0.017	O	|	|	|	|	0.01
45.000	0.00	0.03	0.017	O	|	|	|	|	0.01
45.167	0.00	0.03	0.016	O	|	|	|	|	0.01
45.333	0.00	0.03	0.016	O	|	|	|	|	0.01
45.500	0.00	0.03	0.016	O	|	|	|	|	0.01
45.667	0.00	0.03	0.015	O	|	|	|	|	0.01
45.833	0.00	0.03	0.015	O	|	|	|	|	0.01
46.000	0.00	0.02	0.015	O	|	|	|	|	0.01
46.167	0.00	0.02	0.014	O	|	|	|	|	0.01
46.333	0.00	0.02	0.014	O	|	|	|	|	0.01
46.500	0.00	0.02	0.014	O	|	|	|	|	0.01
46.667	0.00	0.02	0.013	O	|	|	|	|	0.01
46.833	0.00	0.02	0.013	O	|	|	|	|	0.01
47.000	0.00	0.02	0.013	O	|	|	|	|	0.01
47.167	0.00	0.02	0.012	O	|	|	|	|	0.01
47.333	0.00	0.02	0.012	O	|	|	|	|	0.01
47.500	0.00	0.02	0.012	O	|	|	|	|	0.01
47.667	0.00	0.02	0.011	O	|	|	|	|	0.01
47.833	0.00	0.02	0.011	O	|	|	|	|	0.01
48.000	0.00	0.02	0.011	O	|	|	|	|	0.01
48.167	0.00	0.02	0.011	O	|	|	|	|	0.01
48.333	0.00	0.02	0.010	O	|	|	|	|	0.01
48.500	0.00	0.02	0.010	O	|	|	|	|	0.01

48.667	0.00	0.02	0.010	O	|	|	|	|	0.01
48.833	0.00	0.02	0.010	O	|	|	|	|	0.01
49.000	0.00	0.02	0.009	O	|	|	|	|	0.01
49.167	0.00	0.02	0.009	O	|	|	|	|	0.01
49.333	0.00	0.02	0.009	O	|	|	|	|	0.01
49.500	0.00	0.02	0.009	O	|	|	|	|	0.01
49.667	0.00	0.01	0.009	O	|	|	|	|	0.01
49.833	0.00	0.01	0.008	O	|	|	|	|	0.01
50.000	0.00	0.01	0.008	O	|	|	|	|	0.01
50.167	0.00	0.01	0.008	O	|	|	|	|	0.01
50.333	0.00	0.01	0.008	O	|	|	|	|	0.01
50.500	0.00	0.01	0.008	O	|	|	|	|	0.01
50.667	0.00	0.01	0.007	O	|	|	|	|	0.01
50.833	0.00	0.01	0.007	O	|	|	|	|	0.01
51.000	0.00	0.01	0.007	O	|	|	|	|	0.01
51.167	0.00	0.01	0.007	O	|	|	|	|	0.01
51.333	0.00	0.01	0.007	O	|	|	|	|	0.01
51.500	0.00	0.01	0.007	O	|	|	|	|	0.01
51.667	0.00	0.01	0.007	O	|	|	|	|	0.01
51.833	0.00	0.01	0.006	O	|	|	|	|	0.00
52.000	0.00	0.01	0.006	O	|	|	|	|	0.00
52.167	0.00	0.01	0.006	O	|	|	|	|	0.00
52.333	0.00	0.01	0.006	O	|	|	|	|	0.00
52.500	0.00	0.01	0.006	O	|	|	|	|	0.00
52.667	0.00	0.01	0.006	O	|	|	|	|	0.00
52.833	0.00	0.01	0.006	O	|	|	|	|	0.00
53.000	0.00	0.01	0.005	O	|	|	|	|	0.00
53.167	0.00	0.01	0.005	O	|	|	|	|	0.00
53.333	0.00	0.01	0.005	O	|	|	|	|	0.00
53.500	0.00	0.01	0.005	O	|	|	|	|	0.00
53.667	0.00	0.01	0.005	O	|	|	|	|	0.00
53.833	0.00	0.01	0.005	O	|	|	|	|	0.00
54.000	0.00	0.01	0.005	O	|	|	|	|	0.00
54.167	0.00	0.01	0.005	O	|	|	|	|	0.00
54.333	0.00	0.01	0.004	O	|	|	|	|	0.00
54.500	0.00	0.01	0.004	O	|	|	|	|	0.00
54.667	0.00	0.01	0.004	O	|	|	|	|	0.00
54.833	0.00	0.01	0.004	O	|	|	|	|	0.00
55.000	0.00	0.01	0.004	O	|	|	|	|	0.00
55.167	0.00	0.01	0.004	O	|	|	|	|	0.00
55.333	0.00	0.01	0.004	O	|	|	|	|	0.00
55.500	0.00	0.01	0.004	O	|	|	|	|	0.00
55.667	0.00	0.01	0.004	O	|	|	|	|	0.00
55.833	0.00	0.01	0.004	O	|	|	|	|	0.00
56.000	0.00	0.01	0.004	O	|	|	|	|	0.00
56.167	0.00	0.01	0.003	O	|	|	|	|	0.00
56.333	0.00	0.01	0.003	O	|	|	|	|	0.00
56.500	0.00	0.01	0.003	O	|	|	|	|	0.00
56.667	0.00	0.01	0.003	O	|	|	|	|	0.00
56.833	0.00	0.01	0.003	O	|	|	|	|	0.00
57.000	0.00	0.01	0.003	O	|	|	|	|	0.00
57.167	0.00	0.01	0.003	O	|	|	|	|	0.00
57.333	0.00	0.00	0.003	O	|	|	|	|	0.00
57.500	0.00	0.00	0.003	O	|	|	|	|	0.00
57.667	0.00	0.00	0.003	O	|	|	|	|	0.00
57.833	0.00	0.00	0.003	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 379
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 28.470 (CFS)
Total volume = 13.389 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

FLOOD HYDROGRAPH ROUTING PROGRAM
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Study date: 04/16/19

INDIO MDP
EDA BASIN ROUTING
10-YEAR 24-HOUR

Program License Serial Number 4010

********** HYDROGRAPH INFORMATION **********

From study/file name: EDABASIN2410.rte

**********HYDROGRAPH DATA**********

Number of intervals = 158
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 24.847 (CFS)
Total volume = 16.212 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****
++++++++++
Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 158
Hydrograph time unit = 10.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
1.000	1.300	2.230	1.285	1.315
2.000	2.910	8.930	2.848	2.972
3.000	4.620	17.560	4.499	4.741
4.000	6.430	23.830	6.266	6.594
5.000	8.340	28.630	8.143	8.537
6.000	10.360	32.680	10.135	10.585
7.000	12.490	36.250	12.240	12.740
8.000	14.730	39.470	14.458	15.002
9.000	17.080	42.440	16.788	17.372
9.500	19.540	45.200	19.229	19.851
10.500	20.810	64.290	20.367	21.253

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 6.2 12.42 18.64 24.85	Depth (Ft.)
0.167	0.08	0.00	0.001	O | | | |	0.00
0.333	0.66	0.01	0.006	O | | | |	0.00
0.500	1.23	0.03	0.018	OI | | | |	0.01
0.667	1.51	0.06	0.037	OI | | | |	0.03
0.833	1.89	0.10	0.059	O I | | | |	0.05
1.000	2.21	0.15	0.085	O I | | | |	0.07

1.167	2.36	0.20	0.115	O I	|	|	|	0.09
1.333	2.35	0.25	0.144	O I	|	|	|	0.11
1.500	2.31	0.30	0.172	O I	|	|	|	0.13
1.667	2.34	0.34	0.200	O I	|	|	|	0.15
1.833	2.46	0.39	0.228	O I	|	|	|	0.18
2.000	2.58	0.44	0.257	O I	|	|	|	0.20
2.167	2.66	0.49	0.287	O I	|	|	|	0.22
2.333	2.81	0.54	0.317	O I	|	|	|	0.24
2.500	2.95	0.60	0.349	O I	|	|	|	0.27
2.667	3.05	0.65	0.382	O I	|	|	|	0.29
2.833	3.31	0.71	0.416	O I	|	|	|	0.32
3.000	3.57	0.78	0.453	|O I	|	|	|	0.35
3.167	3.69	0.84	0.492	|O I	|	|	|	0.38
3.333	3.76	0.91	0.531	|O I	|	|	|	0.41
3.500	3.80	0.98	0.570	|O I	|	|	|	0.44
3.667	3.85	1.04	0.609	|O I	|	|	|	0.47
3.833	3.99	1.11	0.648	|O I	|	|	|	0.50
4.000	4.13	1.18	0.688	|O I	|	|	|	0.53
4.167	4.22	1.25	0.729	|O I	|	|	|	0.56
4.333	4.49	1.32	0.771	|O I	|	|	|	0.59
4.500	4.75	1.40	0.816	|O I	|	|	|	0.63
4.667	4.90	1.48	0.863	|O I	|	|	|	0.66
4.833	5.20	1.56	0.911	| O I	|	|	|	0.70
5.000	5.48	1.65	0.963	| O I|	|	|	|	0.74
5.167	5.58	1.74	1.015	| O I|	|	|	|	0.78
5.333	5.43	1.83	1.067	| O I	|	|	|	0.82
5.500	5.25	1.91	1.114	| O I	|	|	|	0.86
5.667	5.25	1.99	1.160	| O I	|	|	|	0.89
5.833	5.56	2.07	1.206	| O I|	|	|	|	0.93
6.000	5.89	2.15	1.256	| O I|	|	|	|	0.97
6.167	6.06	2.26	1.308	| O I|	|	|	|	1.00
6.333	6.37	2.48	1.361	| O I	|	|	|	1.04
6.500	6.65	2.71	1.415	| O I	|	|	|	1.07
6.667	6.81	2.93	1.469	| O I	|	|	|	1.10
6.833	7.13	3.16	1.523	| O |I	|	|	|	1.14
7.000	7.42	3.39	1.578	| O |I	|	|	|	1.17
7.167	7.57	3.61	1.633	| O |I	|	|	|	1.21
7.333	7.77	3.84	1.687	| O | I	|	|	|	1.24
7.500	7.94	4.06	1.741	| O | I	|	|	|	1.27
7.667	8.10	4.29	1.794	| O | I	|	|	|	1.31
7.833	8.62	4.51	1.848	| O | I	|	|	|	1.34
8.000	9.13	4.76	1.907	| O | I	|	|	|	1.38
8.167	9.44	5.01	1.967	| O | I	|	|	|	1.41
8.333	10.15	5.27	2.032	| O | I	|	|	|	1.45
8.500	10.82	5.56	2.101	| O | I	|	|	|	1.50
8.667	11.18	5.87	2.174	| O | I	|	|	|	1.54
8.833	11.71	6.18	2.249	| O | I	|	|	|	1.59
9.000	12.19	6.50	2.326	| O I	|	|	|	1.64
9.167	12.53	6.83	2.404	| O I	|	|	|	1.69
9.333	13.37	7.17	2.486	| |O I	|	|	|	1.74
9.500	14.16	7.54	2.575	| |O I	|	|	|	1.79
9.667	14.61	7.92	2.667	| | O I	|	|	|	1.85
9.833	15.29	8.31	2.761	| | O I	|	|	|	1.91
10.000	15.91	8.72	2.858	| | O I	|	|	|	1.97
10.167	16.00	9.16	2.955	| | O I	|	|	|	2.03
10.333	14.71	9.57	3.038	| | O I	|	|	|	2.07
10.500	13.35	9.87	3.097	| | O |I	|	|	|	2.11
10.667	12.97	10.09	3.141	| | O I	|	|	|	2.13
10.833	13.80	10.31	3.184	| | O |I	|	|	|	2.16
11.000	14.75	10.58	3.237	| | O I	|	|	|	2.19
11.167	15.07	10.87	3.295	| | O I	|	|	|	2.22
11.333	15.04	11.15	3.350	| | O I	|	|	|	2.26
11.500	14.93	11.41	3.401	| | O I	|	|	|	2.29
11.667	14.85	11.64	3.448	| | O I	|	|	|	2.31
11.833	14.51	11.85	3.488	| | O| I	|	|	|	2.34
12.000	14.17	12.01	3.521	| | O| I	|	|	|	2.36
12.167	14.29	12.16	3.551	| | O| I	|	|	|	2.37
12.333	16.02	12.36	3.591	| | O| I	|	|	|	2.40
12.500	17.78	12.67	3.651	| | O I	|	|	|	2.43
12.667	18.66	13.04	3.725	| | O I	|	|	|	2.48
12.833	19.79	13.46	3.807	| |O |I	|	|	|	2.52

13.000	20.78	13.92	3.898		2.58
13.167	21.46	14.40	3.994		2.63
13.333	23.03	14.93	4.098		2.69
13.500	24.51	15.52	4.216		2.76
13.667	24.85	16.14	4.338		2.84
13.833	22.76	16.65	4.440		2.89
14.000	20.53	16.99	4.506		2.93
14.167	19.77	17.20	4.548		2.96
14.333	20.10	17.38	4.585		2.98
14.500	20.59	17.57	4.624		3.00
14.667	20.69	17.72	4.666		3.03
14.833	20.50	17.85	4.704		3.05
15.000	20.29	17.97	4.739		3.07
15.167	20.12	18.07	4.769		3.08
15.333	19.62	18.16	4.793		3.10
15.500	19.14	18.21	4.809		3.10
15.667	18.74	18.25	4.819		3.11
15.833	17.56	18.24	4.818		3.11
16.000	16.41	18.19	4.801		3.10
16.167	15.41	18.08	4.770		3.08
16.333	11.69	17.87	4.709		3.05
16.500	8.04	17.47	4.601		2.99
16.667	6.37	16.78	4.465		2.91
16.833	5.17	16.04	4.318		2.82
17.000	4.28	15.28	4.168		2.74
17.167	3.79	14.52	4.018		2.65
17.333	3.85	13.80	3.876		2.56
17.500	4.03	13.14	3.744		2.49
17.667	4.00	12.53	3.623		2.42
17.833	3.85	11.95	3.508		2.35
18.000	3.71	11.40	3.400		2.29
18.167	3.62	10.88	3.297		2.23
18.333	3.44	10.39	3.199		2.17
18.500	3.27	9.92	3.105		2.11
18.667	3.18	9.47	3.016		2.06
18.833	2.81	9.03	2.930		2.01
19.000	2.44	8.66	2.844		1.96
19.167	2.32	8.31	2.760		1.91
19.333	2.45	7.98	2.681		1.86
19.500	2.62	7.67	2.608		1.81
19.667	2.64	7.39	2.541		1.77
19.833	2.43	7.12	2.476		1.73
20.000	2.22	6.86	2.411		1.69
20.167	2.14	6.59	2.349		1.65
20.333	2.21	6.35	2.290		1.61
20.500	2.29	6.12	2.235		1.58
20.667	2.30	5.91	2.183		1.55
20.833	2.19	5.70	2.134		1.52
21.000	2.08	5.50	2.087		1.49
21.167	2.04	5.31	2.041		1.46
21.333	2.02	5.13	1.997		1.43
21.500	2.00	4.96	1.955		1.41
21.667	1.99	4.79	1.915		1.38
21.833	1.98	4.63	1.878		1.36
22.000	1.97	4.49	1.842		1.34
22.167	1.97	4.35	1.809		1.32
22.333	1.97	4.21	1.777		1.30
22.500	1.97	4.09	1.747		1.28
22.667	1.95	3.97	1.718		1.26
22.833	1.83	3.85	1.690		1.24
23.000	1.72	3.74	1.662		1.23
23.167	1.67	3.62	1.635		1.21
23.333	1.64	3.51	1.609		1.19
23.500	1.62	3.41	1.583		1.18
23.667	1.60	3.31	1.559		1.16
23.833	1.59	3.21	1.536		1.15
24.000	1.59	3.12	1.515		1.13
24.167	1.51	3.04	1.494		1.12
24.333	1.05	2.94	1.470		1.11
24.500	0.59	2.82	1.442		1.09
24.667	0.39	2.69	1.411		1.07

24.833	0.27	2.56	1.379	I O				1.05
25.000	0.19	2.43	1.348	I O				1.03
25.167	0.14	2.30	1.318	I O				1.01
25.333	0.10	2.21	1.288	I O				0.99
25.500	0.07	2.16	1.259	I O				0.97
25.667	0.05	2.11	1.231	I O				0.95
25.833	0.04	2.06	1.202	I O				0.92
26.000	0.03	2.02	1.175	I O				0.90
26.167	0.02	1.97	1.148	I O				0.88
26.333	0.01	1.92	1.121	I O				0.86
26.500	0.00	1.88	1.095	I O				0.84
26.667	0.00	1.83	1.069	I O				0.82
26.833	0.00	1.79	1.044	I O				0.80
27.000	0.00	1.75	1.020	I O				0.78
27.167	0.00	1.71	0.996	I O				0.77
27.333	0.00	1.67	0.973	I O				0.75
27.500	0.00	1.63	0.950	I O				0.73
27.667	0.00	1.59	0.928	I O				0.71
27.833	0.00	1.55	0.906	I O				0.70
28.000	0.00	1.52	0.885	IO				0.68
28.167	0.00	1.48	0.864	IO				0.66
28.333	0.00	1.45	0.844	IO				0.65
28.500	0.00	1.41	0.825	IO				0.63
28.667	0.00	1.38	0.805	IO				0.62
28.833	0.00	1.35	0.787	IO				0.61
29.000	0.00	1.32	0.768	IO				0.59
29.167	0.00	1.29	0.750	IO				0.58
29.333	0.00	1.26	0.733	IO				0.56
29.500	0.00	1.23	0.716	IO				0.55
29.667	0.00	1.20	0.699	IO				0.54
29.833	0.00	1.17	0.683	IO				0.53
30.000	0.00	1.14	0.667	IO				0.51
30.167	0.00	1.12	0.651	IO				0.50
30.333	0.00	1.09	0.636	IO				0.49
30.500	0.00	1.07	0.621	IO				0.48
30.667	0.00	1.04	0.606	IO				0.47
30.833	0.00	1.02	0.592	IO				0.46
31.000	0.00	0.99	0.578	IO				0.44
31.167	0.00	0.97	0.565	IO				0.43
31.333	0.00	0.95	0.552	IO				0.42
31.500	0.00	0.92	0.539	IO				0.41
31.667	0.00	0.90	0.526	IO				0.40
31.833	0.00	0.88	0.514	IO				0.40
32.000	0.00	0.86	0.502	IO				0.39
32.167	0.00	0.84	0.490	IO				0.38
32.333	0.00	0.82	0.479	IO				0.37
32.500	0.00	0.80	0.468	IO				0.36
32.667	0.00	0.78	0.457	IO				0.35
32.833	0.00	0.77	0.446	O				0.34
33.000	0.00	0.75	0.436	O				0.34
33.167	0.00	0.73	0.425	O				0.33
33.333	0.00	0.71	0.416	O				0.32
33.500	0.00	0.70	0.406	O				0.31
33.667	0.00	0.68	0.396	O				0.30
33.833	0.00	0.66	0.387	O				0.30
34.000	0.00	0.65	0.378	O				0.29
34.167	0.00	0.63	0.369	O				0.28
34.333	0.00	0.62	0.361	O				0.28
34.500	0.00	0.60	0.352	O				0.27
34.667	0.00	0.59	0.344	O				0.26
34.833	0.00	0.58	0.336	O				0.26
35.000	0.00	0.56	0.328	O				0.25
35.167	0.00	0.55	0.320	O				0.25
35.333	0.00	0.54	0.313	O				0.24
35.500	0.00	0.52	0.306	O				0.24
35.667	0.00	0.51	0.299	O				0.23
35.833	0.00	0.50	0.292	O				0.22
36.000	0.00	0.49	0.285	O				0.22
36.167	0.00	0.48	0.278	O				0.21
36.333	0.00	0.47	0.272	O				0.21
36.500	0.00	0.46	0.265	O				0.20

36.667	0.00	0.44	0.259	O	|	|	|	|	0.20
36.833	0.00	0.43	0.253	O	|	|	|	|	0.19
37.000	0.00	0.42	0.247	O	|	|	|	|	0.19
37.167	0.00	0.41	0.241	O	|	|	|	|	0.19
37.333	0.00	0.40	0.236	O	|	|	|	|	0.18
37.500	0.00	0.39	0.230	O	|	|	|	|	0.18
37.667	0.00	0.39	0.225	O	|	|	|	|	0.17
37.833	0.00	0.38	0.220	O	|	|	|	|	0.17
38.000	0.00	0.37	0.214	O	|	|	|	|	0.16
38.167	0.00	0.36	0.209	O	|	|	|	|	0.16
38.333	0.00	0.35	0.205	O	|	|	|	|	0.16
38.500	0.00	0.34	0.200	O	|	|	|	|	0.15
38.667	0.00	0.33	0.195	O	|	|	|	|	0.15
38.833	0.00	0.33	0.191	O	|	|	|	|	0.15
39.000	0.00	0.32	0.186	O	|	|	|	|	0.14
39.167	0.00	0.31	0.182	O	|	|	|	|	0.14
39.333	0.00	0.30	0.177	O	|	|	|	|	0.14
39.500	0.00	0.30	0.173	O	|	|	|	|	0.13
39.667	0.00	0.29	0.169	O	|	|	|	|	0.13
39.833	0.00	0.28	0.165	O	|	|	|	|	0.13
40.000	0.00	0.28	0.161	O	|	|	|	|	0.12
40.167	0.00	0.27	0.158	O	|	|	|	|	0.12
40.333	0.00	0.26	0.154	O	|	|	|	|	0.12
40.500	0.00	0.26	0.150	O	|	|	|	|	0.12
40.667	0.00	0.25	0.147	O	|	|	|	|	0.11
40.833	0.00	0.25	0.143	O	|	|	|	|	0.11
41.000	0.00	0.24	0.140	O	|	|	|	|	0.11
41.167	0.00	0.23	0.137	O	|	|	|	|	0.11
41.333	0.00	0.23	0.134	O	|	|	|	|	0.10
41.500	0.00	0.22	0.131	O	|	|	|	|	0.10
41.667	0.00	0.22	0.128	O	|	|	|	|	0.10
41.833	0.00	0.21	0.125	O	|	|	|	|	0.10
42.000	0.00	0.21	0.122	O	|	|	|	|	0.09
42.167	0.00	0.20	0.119	O	|	|	|	|	0.09
42.333	0.00	0.20	0.116	O	|	|	|	|	0.09
42.500	0.00	0.19	0.113	O	|	|	|	|	0.09
42.667	0.00	0.19	0.111	O	|	|	|	|	0.09
42.833	0.00	0.19	0.108	O	|	|	|	|	0.08
43.000	0.00	0.18	0.106	O	|	|	|	|	0.08
43.167	0.00	0.18	0.103	O	|	|	|	|	0.08
43.333	0.00	0.17	0.101	O	|	|	|	|	0.08
43.500	0.00	0.17	0.098	O	|	|	|	|	0.08
43.667	0.00	0.16	0.096	O	|	|	|	|	0.07
43.833	0.00	0.16	0.094	O	|	|	|	|	0.07
44.000	0.00	0.16	0.092	O	|	|	|	|	0.07
44.167	0.00	0.15	0.089	O	|	|	|	|	0.07
44.333	0.00	0.15	0.087	O	|	|	|	|	0.07
44.500	0.00	0.15	0.085	O	|	|	|	|	0.07
44.667	0.00	0.14	0.083	O	|	|	|	|	0.06
44.833	0.00	0.14	0.081	O	|	|	|	|	0.06
45.000	0.00	0.14	0.079	O	|	|	|	|	0.06
45.167	0.00	0.13	0.078	O	|	|	|	|	0.06
45.333	0.00	0.13	0.076	O	|	|	|	|	0.06
45.500	0.00	0.13	0.074	O	|	|	|	|	0.06
45.667	0.00	0.12	0.072	O	|	|	|	|	0.06
45.833	0.00	0.12	0.071	O	|	|	|	|	0.05
46.000	0.00	0.12	0.069	O	|	|	|	|	0.05
46.167	0.00	0.12	0.067	O	|	|	|	|	0.05
46.333	0.00	0.11	0.066	O	|	|	|	|	0.05
46.500	0.00	0.11	0.064	O	|	|	|	|	0.05
46.667	0.00	0.11	0.063	O	|	|	|	|	0.05
46.833	0.00	0.11	0.061	O	|	|	|	|	0.05
47.000	0.00	0.10	0.060	O	|	|	|	|	0.05
47.167	0.00	0.10	0.058	O	|	|	|	|	0.04
47.333	0.00	0.10	0.057	O	|	|	|	|	0.04
47.500	0.00	0.10	0.056	O	|	|	|	|	0.04
47.667	0.00	0.09	0.054	O	|	|	|	|	0.04
47.833	0.00	0.09	0.053	O	|	|	|	|	0.04
48.000	0.00	0.09	0.052	O	|	|	|	|	0.04
48.167	0.00	0.09	0.051	O	|	|	|	|	0.04
48.333	0.00	0.08	0.050	O	|	|	|	|	0.04

48.500	0.00	0.08	0.048	O	|	|	|	|	0.04
48.667	0.00	0.08	0.047	O	|	|	|	|	0.04
48.833	0.00	0.08	0.046	O	|	|	|	|	0.04
49.000	0.00	0.08	0.045	O	|	|	|	|	0.03
49.167	0.00	0.08	0.044	O	|	|	|	|	0.03
49.333	0.00	0.07	0.043	O	|	|	|	|	0.03
49.500	0.00	0.07	0.042	O	|	|	|	|	0.03
49.667	0.00	0.07	0.041	O	|	|	|	|	0.03
49.833	0.00	0.07	0.040	O	|	|	|	|	0.03
50.000	0.00	0.07	0.039	O	|	|	|	|	0.03
50.167	0.00	0.07	0.038	O	|	|	|	|	0.03
50.333	0.00	0.06	0.037	O	|	|	|	|	0.03
50.500	0.00	0.06	0.036	O	|	|	|	|	0.03
50.667	0.00	0.06	0.036	O	|	|	|	|	0.03
50.833	0.00	0.06	0.035	O	|	|	|	|	0.03
51.000	0.00	0.06	0.034	O	|	|	|	|	0.03
51.167	0.00	0.06	0.033	O	|	|	|	|	0.03
51.333	0.00	0.06	0.032	O	|	|	|	|	0.02
51.500	0.00	0.05	0.032	O	|	|	|	|	0.02
51.667	0.00	0.05	0.031	O	|	|	|	|	0.02
51.833	0.00	0.05	0.030	O	|	|	|	|	0.02
52.000	0.00	0.05	0.029	O	|	|	|	|	0.02
52.167	0.00	0.05	0.029	O	|	|	|	|	0.02
52.333	0.00	0.05	0.028	O	|	|	|	|	0.02
52.500	0.00	0.05	0.027	O	|	|	|	|	0.02
52.667	0.00	0.05	0.027	O	|	|	|	|	0.02
52.833	0.00	0.04	0.026	O	|	|	|	|	0.02
53.000	0.00	0.04	0.026	O	|	|	|	|	0.02
53.167	0.00	0.04	0.025	O	|	|	|	|	0.02
53.333	0.00	0.04	0.024	O	|	|	|	|	0.02
53.500	0.00	0.04	0.024	O	|	|	|	|	0.02
53.667	0.00	0.04	0.023	O	|	|	|	|	0.02
53.833	0.00	0.04	0.023	O	|	|	|	|	0.02
54.000	0.00	0.04	0.022	O	|	|	|	|	0.02
54.167	0.00	0.04	0.022	O	|	|	|	|	0.02
54.333	0.00	0.04	0.021	O	|	|	|	|	0.02
54.500	0.00	0.04	0.021	O	|	|	|	|	0.02
54.667	0.00	0.03	0.020	O	|	|	|	|	0.02
54.833	0.00	0.03	0.020	O	|	|	|	|	0.02
55.000	0.00	0.03	0.019	O	|	|	|	|	0.01
55.167	0.00	0.03	0.019	O	|	|	|	|	0.01
55.333	0.00	0.03	0.018	O	|	|	|	|	0.01
55.500	0.00	0.03	0.018	O	|	|	|	|	0.01
55.667	0.00	0.03	0.018	O	|	|	|	|	0.01
55.833	0.00	0.03	0.017	O	|	|	|	|	0.01
56.000	0.00	0.03	0.017	O	|	|	|	|	0.01
56.167	0.00	0.03	0.016	O	|	|	|	|	0.01
56.333	0.00	0.03	0.016	O	|	|	|	|	0.01
56.500	0.00	0.03	0.016	O	|	|	|	|	0.01
56.667	0.00	0.03	0.015	O	|	|	|	|	0.01
56.833	0.00	0.03	0.015	O	|	|	|	|	0.01
57.000	0.00	0.02	0.015	O	|	|	|	|	0.01
57.167	0.00	0.02	0.014	O	|	|	|	|	0.01
57.333	0.00	0.02	0.014	O	|	|	|	|	0.01
57.500	0.00	0.02	0.014	O	|	|	|	|	0.01
57.667	0.00	0.02	0.013	O	|	|	|	|	0.01
57.833	0.00	0.02	0.013	O	|	|	|	|	0.01
58.000	0.00	0.02	0.013	O	|	|	|	|	0.01
58.167	0.00	0.02	0.012	O	|	|	|	|	0.01
58.333	0.00	0.02	0.012	O	|	|	|	|	0.01
58.500	0.00	0.02	0.012	O	|	|	|	|	0.01
58.667	0.00	0.02	0.011	O	|	|	|	|	0.01
58.833	0.00	0.02	0.011	O	|	|	|	|	0.01
59.000	0.00	0.02	0.011	O	|	|	|	|	0.01
59.167	0.00	0.02	0.011	O	|	|	|	|	0.01
59.333	0.00	0.02	0.010	O	|	|	|	|	0.01
59.500	0.00	0.02	0.010	O	|	|	|	|	0.01
59.667	0.00	0.02	0.010	O	|	|	|	|	0.01
59.833	0.00	0.02	0.010	O	|	|	|	|	0.01
60.000	0.00	0.02	0.009	O	|	|	|	|	0.01
60.167	0.00	0.02	0.009	O	|	|	|	|	0.01

60.333	0.00	0.02	0.009	O	|	|	|	|	0.01
60.500	0.00	0.02	0.009	O	|	|	|	|	0.01
60.667	0.00	0.01	0.009	O	|	|	|	|	0.01
60.833	0.00	0.01	0.008	O	|	|	|	|	0.01
61.000	0.00	0.01	0.008	O	|	|	|	|	0.01
61.167	0.00	0.01	0.008	O	|	|	|	|	0.01
61.333	0.00	0.01	0.008	O	|	|	|	|	0.01
61.500	0.00	0.01	0.008	O	|	|	|	|	0.01
61.667	0.00	0.01	0.007	O	|	|	|	|	0.01
61.833	0.00	0.01	0.007	O	|	|	|	|	0.01
62.000	0.00	0.01	0.007	O	|	|	|	|	0.01
62.167	0.00	0.01	0.007	O	|	|	|	|	0.01
62.333	0.00	0.01	0.007	O	|	|	|	|	0.01
62.500	0.00	0.01	0.007	O	|	|	|	|	0.01
62.667	0.00	0.01	0.006	O	|	|	|	|	0.00
62.833	0.00	0.01	0.006	O	|	|	|	|	0.00
63.000	0.00	0.01	0.006	O	|	|	|	|	0.00
63.167	0.00	0.01	0.006	O	|	|	|	|	0.00
63.333	0.00	0.01	0.006	O	|	|	|	|	0.00
63.500	0.00	0.01	0.006	O	|	|	|	|	0.00
63.667	0.00	0.01	0.006	O	|	|	|	|	0.00
63.833	0.00	0.01	0.006	O	|	|	|	|	0.00
64.000	0.00	0.01	0.005	O	|	|	|	|	0.00
64.167	0.00	0.01	0.005	O	|	|	|	|	0.00
64.333	0.00	0.01	0.005	O	|	|	|	|	0.00
64.500	0.00	0.01	0.005	O	|	|	|	|	0.00
64.667	0.00	0.01	0.005	O	|	|	|	|	0.00
64.833	0.00	0.01	0.005	O	|	|	|	|	0.00
65.000	0.00	0.01	0.005	O	|	|	|	|	0.00
65.167	0.00	0.01	0.005	O	|	|	|	|	0.00
65.333	0.00	0.01	0.004	O	|	|	|	|	0.00
65.500	0.00	0.01	0.004	O	|	|	|	|	0.00
65.667	0.00	0.01	0.004	O	|	|	|	|	0.00
65.833	0.00	0.01	0.004	O	|	|	|	|	0.00
66.000	0.00	0.01	0.004	O	|	|	|	|	0.00
66.167	0.00	0.01	0.004	O	|	|	|	|	0.00
66.333	0.00	0.01	0.004	O	|	|	|	|	0.00
66.500	0.00	0.01	0.004	O	|	|	|	|	0.00
66.667	0.00	0.01	0.004	O	|	|	|	|	0.00
66.833	0.00	0.01	0.004	O	|	|	|	|	0.00
67.000	0.00	0.01	0.004	O	|	|	|	|	0.00
67.167	0.00	0.01	0.003	O	|	|	|	|	0.00
67.333	0.00	0.01	0.003	O	|	|	|	|	0.00
67.500	0.00	0.01	0.003	O	|	|	|	|	0.00
67.667	0.00	0.01	0.003	O	|	|	|	|	0.00
67.833	0.00	0.01	0.003	O	|	|	|	|	0.00
68.000	0.00	0.01	0.003	O	|	|	|	|	0.00
68.167	0.00	0.01	0.003	O	|	|	|	|	0.00
68.333	0.00	0.00	0.003	O	|	|	|	|	0.00
68.500	0.00	0.00	0.003	O	|	|	|	|	0.00
68.667	0.00	0.00	0.003	O	|	|	|	|	0.00
68.833	0.00	0.00	0.003	O	|	|	|	|	0.00
69.000	0.00	0.00	0.003	O	|	|	|	|	0.00
69.167	0.00	0.00	0.003	O	|	|	|	|	0.00
69.333	0.00	0.00	0.003	O	|	|	|	|	0.00
69.500	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 445
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 18.249 (CFS)
Total volume = 16.211 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

FLOOD HYDROGRAPH ROUTING PROGRAM

Study date: 04/16/19

INDIO MDP
EDA BASIN ROUTING
100-YEAR 3-HOUR
FILE: EDART

Program License Serial Number 4010

********** HYDROGRAPH INFORMATION **********

From study/file name: EDABASIN3100.rte

**********HYDROGRAPH DATA**********

Number of intervals = 32
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 319.603 (CFS)
Total volume = 28.620 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 32
Hydrograph time unit = 10.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
1.000	1.300	2.230	1.285	1.315
2.000	2.910	8.930	2.848	2.972
3.000	4.620	17.560	4.499	4.741
4.000	6.430	23.830	6.266	6.594
5.000	8.340	28.630	8.143	8.537
6.000	10.360	32.680	10.135	10.585
7.000	12.490	36.250	12.240	12.740
8.000	14.730	39.470	14.458	15.002
9.000	17.080	42.440	16.788	17.372
9.500	19.540	45.200	19.229	19.851
10.500	20.810	64.290	20.367	21.253

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 79.9 159.80 239.70 319.60	Depth (Ft.)
0.167	1.12	0.01	0.008	O | | | |	0.01
0.333	8.71	0.13	0.074	O | | | |	0.06
0.500	16.64	0.42	0.245	OI | | | |	0.19

0.667	21.99	0.86	0.502	O I				0.39
0.833	25.96	1.40	0.817	O I				0.63
1.000	28.19	2.00	1.167	O I				0.90
1.167	30.89	3.22	1.538	O I				1.15
1.333	38.68	4.98	1.960	O I				1.41
1.500	45.98	7.06	2.460	O I				1.72
1.667	59.71	9.75	3.072	O I				2.09
1.833	73.68	13.58	3.830	O I				2.54
2.000	92.09	18.03	4.754	O I				3.07
2.167	106.81	21.82	5.850	O I				3.68
2.333	128.09	25.62	7.141	O I				4.37
2.500	171.00	29.59	8.821	O I				5.24
2.667	259.74	34.33	11.347	O	I			6.46
2.833	319.60	39.59	14.828	O			I	8.04
3.000	236.07	43.56	18.082	O	I			9.20
3.167	133.01	51.63	19.968	O I				9.84
3.333	84.97	62.39	20.684	O I				10.40
3.500	56.37	63.95	20.787	IO				10.48
3.667	39.49	60.94	20.587	I O				10.32
3.833	29.06	55.94	20.254	I O				10.06
4.000	21.21	50.16	19.870	I O				9.76
4.167	15.38	45.12	19.466	I O				9.48
4.333	10.71	44.62	19.027	I O				9.40
4.500	8.14	44.09	18.546	I O				9.30
4.667	6.75	43.52	18.045	I O				9.20
4.833	4.94	42.95	17.530	I O				9.09
5.000	2.42	42.33	16.994	I O				8.96
5.167	0.31	41.62	16.434	I O				8.73
5.333	0.11	40.91	15.869	I O				8.48
5.500	0.00	40.20	15.311	I O				8.25
5.667	0.00	39.51	14.762	I O				8.01
5.833	0.00	38.74	14.223	I O				7.77
6.000	0.00	37.98	13.695	I O				7.54
6.167	0.00	37.24	13.177	I O				7.31
6.333	0.00	36.51	12.669	I O				7.08
6.500	0.00	35.72	12.171	I O				6.85
6.667	0.00	34.90	11.685	I O				6.62
6.833	0.00	34.10	11.210	I O				6.40
7.000	0.00	33.33	10.745	I O				6.18
7.167	0.00	32.54	10.292	I O				5.97
7.333	0.00	31.66	9.850	I O				5.75
7.500	0.00	30.79	9.419	I O				5.53
7.667	0.00	29.96	9.001	I O				5.33
7.833	0.00	29.14	8.594	I O				5.13
8.000	0.00	28.27	8.199	I O				4.93
8.167	0.00	27.31	7.816	I O				4.73
8.333	0.00	26.38	7.446	I O				4.53
8.500	0.00	25.49	7.089	I O				4.34
8.667	0.00	24.62	6.744	I O				4.16
8.833	0.00	23.76	6.411	I O				3.99
9.000	0.00	22.66	6.091	I O				3.81
9.167	0.00	21.60	5.786	I O				3.64
9.333	0.00	20.59	5.495	I O				3.48
9.500	0.00	19.63	5.218	IO				3.33
9.667	0.00	18.72	4.954	IO				3.18
9.833	0.00	17.85	4.703	IO				3.05
10.000	0.00	16.77	4.464	IO				2.91
10.167	0.00	15.65	4.241	IO				2.78
10.333	0.00	14.60	4.033	IO				2.66
10.500	0.00	13.61	3.838	IO				2.54
10.667	0.00	12.70	3.657	IO				2.44
10.833	0.00	11.85	3.488	IO				2.34
11.000	0.00	11.05	3.330	IO				2.25
11.167	0.00	10.31	3.183	IO				2.16
11.333	0.00	9.62	3.046	O				2.08
11.500	0.00	8.97	2.918	O				2.00
11.667	0.00	8.46	2.798	O				1.93
11.833	0.00	7.99	2.685	O				1.86
12.000	0.00	7.55	2.578	O				1.79
12.167	0.00	7.13	2.476	O				1.73
12.333	0.00	6.73	2.381	O				1.67

12.500	0.00	6.35	2.291	O	|	|	|	|	1.62
12.667	0.00	6.00	2.206	O	|	|	|	|	1.56
12.833	0.00	5.67	2.126	O	|	|	|	|	1.51
13.000	0.00	5.35	2.050	O	|	|	|	|	1.47
13.167	0.00	5.05	1.978	O	|	|	|	|	1.42
13.333	0.00	4.77	1.910	O	|	|	|	|	1.38
13.500	0.00	4.50	1.847	O	|	|	|	|	1.34
13.667	0.00	4.25	1.786	O	|	|	|	|	1.30
13.833	0.00	4.02	1.729	O	|	|	|	|	1.27
14.000	0.00	3.79	1.675	O	|	|	|	|	1.23
14.167	0.00	3.58	1.625	O	|	|	|	|	1.20
14.333	0.00	3.38	1.577	O	|	|	|	|	1.17
14.500	0.00	3.19	1.531	O	|	|	|	|	1.14
14.667	0.00	3.02	1.489	O	|	|	|	|	1.12
14.833	0.00	2.85	1.448	O	|	|	|	|	1.09
15.000	0.00	2.69	1.410	O	|	|	|	|	1.07
15.167	0.00	2.54	1.374	O	|	|	|	|	1.05
15.333	0.00	2.40	1.340	O	|	|	|	|	1.02
15.500	0.00	2.26	1.308	O	|	|	|	|	1.01
15.667	0.00	2.19	1.277	O	|	|	|	|	0.98
15.833	0.00	2.14	1.248	O	|	|	|	|	0.96
16.000	0.00	2.09	1.218	O	|	|	|	|	0.94
16.167	0.00	2.04	1.190	O	|	|	|	|	0.92
16.333	0.00	1.99	1.162	O	|	|	|	|	0.89
16.500	0.00	1.95	1.135	O	|	|	|	|	0.87
16.667	0.00	1.90	1.109	O	|	|	|	|	0.85
16.833	0.00	1.86	1.083	O	|	|	|	|	0.83
17.000	0.00	1.81	1.057	O	|	|	|	|	0.81
17.167	0.00	1.77	1.033	O	|	|	|	|	0.79
17.333	0.00	1.73	1.009	O	|	|	|	|	0.78
17.500	0.00	1.69	0.985	O	|	|	|	|	0.76
17.667	0.00	1.65	0.962	O	|	|	|	|	0.74
17.833	0.00	1.61	0.940	O	|	|	|	|	0.72
18.000	0.00	1.57	0.918	O	|	|	|	|	0.71
18.167	0.00	1.54	0.896	O	|	|	|	|	0.69
18.333	0.00	1.50	0.875	O	|	|	|	|	0.67
18.500	0.00	1.47	0.855	O	|	|	|	|	0.66
18.667	0.00	1.43	0.835	O	|	|	|	|	0.64
18.833	0.00	1.40	0.815	O	|	|	|	|	0.63
19.000	0.00	1.37	0.796	O	|	|	|	|	0.61
19.167	0.00	1.33	0.778	O	|	|	|	|	0.60
19.333	0.00	1.30	0.760	O	|	|	|	|	0.58
19.500	0.00	1.27	0.742	O	|	|	|	|	0.57
19.667	0.00	1.24	0.725	O	|	|	|	|	0.56
19.833	0.00	1.21	0.708	O	|	|	|	|	0.54
20.000	0.00	1.19	0.691	O	|	|	|	|	0.53
20.167	0.00	1.16	0.675	O	|	|	|	|	0.52
20.333	0.00	1.13	0.659	O	|	|	|	|	0.51
20.500	0.00	1.10	0.644	O	|	|	|	|	0.50
20.667	0.00	1.08	0.629	O	|	|	|	|	0.48
20.833	0.00	1.05	0.614	O	|	|	|	|	0.47
21.000	0.00	1.03	0.600	O	|	|	|	|	0.46
21.167	0.00	1.00	0.586	O	|	|	|	|	0.45
21.333	0.00	0.98	0.572	O	|	|	|	|	0.44
21.500	0.00	0.96	0.559	O	|	|	|	|	0.43
21.667	0.00	0.94	0.546	O	|	|	|	|	0.42
21.833	0.00	0.91	0.533	O	|	|	|	|	0.41
22.000	0.00	0.89	0.520	O	|	|	|	|	0.40
22.167	0.00	0.87	0.508	O	|	|	|	|	0.39
22.333	0.00	0.85	0.496	O	|	|	|	|	0.38
22.500	0.00	0.83	0.485	O	|	|	|	|	0.37
22.667	0.00	0.81	0.474	O	|	|	|	|	0.36
22.833	0.00	0.79	0.462	O	|	|	|	|	0.36
23.000	0.00	0.77	0.452	O	|	|	|	|	0.35
23.167	0.00	0.76	0.441	O	|	|	|	|	0.34
23.333	0.00	0.74	0.431	O	|	|	|	|	0.33
23.500	0.00	0.72	0.421	O	|	|	|	|	0.32
23.667	0.00	0.70	0.411	O	|	|	|	|	0.32
23.833	0.00	0.69	0.401	O	|	|	|	|	0.31
24.000	0.00	0.67	0.392	O	|	|	|	|	0.30
24.167	0.00	0.66	0.383	O	|	|	|	|	0.29

24.333	0.00	0.64	0.374	O	|	|	|	|	0.29
24.500	0.00	0.63	0.365	O	|	|	|	|	0.28
24.667	0.00	0.61	0.357	O	|	|	|	|	0.27
24.833	0.00	0.60	0.348	O	|	|	|	|	0.27
25.000	0.00	0.58	0.340	O	|	|	|	|	0.26
25.167	0.00	0.57	0.332	O	|	|	|	|	0.26
25.333	0.00	0.56	0.324	O	|	|	|	|	0.25
25.500	0.00	0.54	0.317	O	|	|	|	|	0.24
25.667	0.00	0.53	0.309	O	|	|	|	|	0.24
25.833	0.00	0.52	0.302	O	|	|	|	|	0.23
26.000	0.00	0.51	0.295	O	|	|	|	|	0.23
26.167	0.00	0.49	0.288	O	|	|	|	|	0.22
26.333	0.00	0.48	0.282	O	|	|	|	|	0.22
26.500	0.00	0.47	0.275	O	|	|	|	|	0.21
26.667	0.00	0.46	0.269	O	|	|	|	|	0.21
26.833	0.00	0.45	0.262	O	|	|	|	|	0.20
27.000	0.00	0.44	0.256	O	|	|	|	|	0.20
27.167	0.00	0.43	0.250	O	|	|	|	|	0.19
27.333	0.00	0.42	0.244	O	|	|	|	|	0.19
27.500	0.00	0.41	0.239	O	|	|	|	|	0.18
27.667	0.00	0.40	0.233	O	|	|	|	|	0.18
27.833	0.00	0.39	0.228	O	|	|	|	|	0.18
28.000	0.00	0.38	0.222	O	|	|	|	|	0.17
28.167	0.00	0.37	0.217	O	|	|	|	|	0.17
28.333	0.00	0.36	0.212	O	|	|	|	|	0.16
28.500	0.00	0.36	0.207	O	|	|	|	|	0.16
28.667	0.00	0.35	0.202	O	|	|	|	|	0.16
28.833	0.00	0.34	0.198	O	|	|	|	|	0.15
29.000	0.00	0.33	0.193	O	|	|	|	|	0.15
29.167	0.00	0.32	0.188	O	|	|	|	|	0.14
29.333	0.00	0.32	0.184	O	|	|	|	|	0.14
29.500	0.00	0.31	0.180	O	|	|	|	|	0.14
29.667	0.00	0.30	0.176	O	|	|	|	|	0.14
29.833	0.00	0.29	0.171	O	|	|	|	|	0.13
30.000	0.00	0.29	0.167	O	|	|	|	|	0.13
30.167	0.00	0.28	0.164	O	|	|	|	|	0.13
30.333	0.00	0.27	0.160	O	|	|	|	|	0.12
30.500	0.00	0.27	0.156	O	|	|	|	|	0.12
30.667	0.00	0.26	0.152	O	|	|	|	|	0.12
30.833	0.00	0.26	0.149	O	|	|	|	|	0.11
31.000	0.00	0.25	0.145	O	|	|	|	|	0.11
31.167	0.00	0.24	0.142	O	|	|	|	|	0.11
31.333	0.00	0.24	0.139	O	|	|	|	|	0.11
31.500	0.00	0.23	0.135	O	|	|	|	|	0.10
31.667	0.00	0.23	0.132	O	|	|	|	|	0.10
31.833	0.00	0.22	0.129	O	|	|	|	|	0.10
32.000	0.00	0.22	0.126	O	|	|	|	|	0.10
32.167	0.00	0.21	0.123	O	|	|	|	|	0.09
32.333	0.00	0.21	0.120	O	|	|	|	|	0.09
32.500	0.00	0.20	0.117	O	|	|	|	|	0.09
32.667	0.00	0.20	0.115	O	|	|	|	|	0.09
32.833	0.00	0.19	0.112	O	|	|	|	|	0.09
33.000	0.00	0.19	0.109	O	|	|	|	|	0.08
33.167	0.00	0.18	0.107	O	|	|	|	|	0.08
33.333	0.00	0.18	0.104	O	|	|	|	|	0.08
33.500	0.00	0.17	0.102	O	|	|	|	|	0.08
33.667	0.00	0.17	0.100	O	|	|	|	|	0.08
33.833	0.00	0.17	0.097	O	|	|	|	|	0.07
34.000	0.00	0.16	0.095	O	|	|	|	|	0.07
34.167	0.00	0.16	0.093	O	|	|	|	|	0.07
34.333	0.00	0.16	0.091	O	|	|	|	|	0.07
34.500	0.00	0.15	0.088	O	|	|	|	|	0.07
34.667	0.00	0.15	0.086	O	|	|	|	|	0.07
34.833	0.00	0.14	0.084	O	|	|	|	|	0.06
35.000	0.00	0.14	0.082	O	|	|	|	|	0.06
35.167	0.00	0.14	0.080	O	|	|	|	|	0.06
35.333	0.00	0.13	0.079	O	|	|	|	|	0.06
35.500	0.00	0.13	0.077	O	|	|	|	|	0.06
35.667	0.00	0.13	0.075	O	|	|	|	|	0.06
35.833	0.00	0.13	0.073	O	|	|	|	|	0.06
36.000	0.00	0.12	0.072	O	|	|	|	|	0.06

36.167	0.00	0.12	0.070	O					0.05
36.333	0.00	0.12	0.068	O					0.05
36.500	0.00	0.11	0.067	O					0.05
36.667	0.00	0.11	0.065	O					0.05
36.833	0.00	0.11	0.064	O					0.05
37.000	0.00	0.11	0.062	O					0.05
37.167	0.00	0.10	0.061	O					0.05
37.333	0.00	0.10	0.059	O					0.05
37.500	0.00	0.10	0.058	O					0.04
37.667	0.00	0.10	0.056	O					0.04
37.833	0.00	0.09	0.055	O					0.04
38.000	0.00	0.09	0.054	O					0.04
38.167	0.00	0.09	0.053	O					0.04
38.333	0.00	0.09	0.051	O					0.04
38.500	0.00	0.09	0.050	O					0.04
38.667	0.00	0.08	0.049	O					0.04
38.833	0.00	0.08	0.048	O					0.04
39.000	0.00	0.08	0.047	O					0.04
39.167	0.00	0.08	0.046	O					0.04
39.333	0.00	0.08	0.045	O					0.03
39.500	0.00	0.07	0.044	O					0.03
39.667	0.00	0.07	0.043	O					0.03
39.833	0.00	0.07	0.042	O					0.03
40.000	0.00	0.07	0.041	O					0.03
40.167	0.00	0.07	0.040	O					0.03
40.333	0.00	0.07	0.039	O					0.03
40.500	0.00	0.06	0.038	O					0.03
40.667	0.00	0.06	0.037	O					0.03
40.833	0.00	0.06	0.036	O					0.03
41.000	0.00	0.06	0.035	O					0.03
41.167	0.00	0.06	0.034	O					0.03
41.333	0.00	0.06	0.034	O					0.03
41.500	0.00	0.06	0.033	O					0.03
41.667	0.00	0.05	0.032	O					0.02
41.833	0.00	0.05	0.031	O					0.02
42.000	0.00	0.05	0.031	O					0.02
42.167	0.00	0.05	0.030	O					0.02
42.333	0.00	0.05	0.029	O					0.02
42.500	0.00	0.05	0.028	O					0.02
42.667	0.00	0.05	0.028	O					0.02
42.833	0.00	0.05	0.027	O					0.02
43.000	0.00	0.05	0.027	O					0.02
43.167	0.00	0.04	0.026	O					0.02
43.333	0.00	0.04	0.025	O					0.02
43.500	0.00	0.04	0.025	O					0.02
43.667	0.00	0.04	0.024	O					0.02
43.833	0.00	0.04	0.024	O					0.02
44.000	0.00	0.04	0.023	O					0.02
44.167	0.00	0.04	0.022	O					0.02
44.333	0.00	0.04	0.022	O					0.02
44.500	0.00	0.04	0.021	O					0.02
44.667	0.00	0.04	0.021	O					0.02
44.833	0.00	0.04	0.020	O					0.02
45.000	0.00	0.03	0.020	O					0.02
45.167	0.00	0.03	0.019	O					0.01
45.333	0.00	0.03	0.019	O					0.01
45.500	0.00	0.03	0.019	O					0.01
45.667	0.00	0.03	0.018	O					0.01
45.833	0.00	0.03	0.018	O					0.01
46.000	0.00	0.03	0.017	O					0.01
46.167	0.00	0.03	0.017	O					0.01
46.333	0.00	0.03	0.017	O					0.01
46.500	0.00	0.03	0.016	O					0.01
46.667	0.00	0.03	0.016	O					0.01
46.833	0.00	0.03	0.015	O					0.01
47.000	0.00	0.03	0.015	O					0.01
47.167	0.00	0.03	0.015	O					0.01
47.333	0.00	0.02	0.014	O					0.01
47.500	0.00	0.02	0.014	O					0.01
47.667	0.00	0.02	0.014	O					0.01
47.833	0.00	0.02	0.013	O					0.01

48.000	0.00	0.02	0.013	O	|	|	|	|	0.01
48.167	0.00	0.02	0.013	O	|	|	|	|	0.01
48.333	0.00	0.02	0.012	O	|	|	|	|	0.01
48.500	0.00	0.02	0.012	O	|	|	|	|	0.01
48.667	0.00	0.02	0.012	O	|	|	|	|	0.01
48.833	0.00	0.02	0.012	O	|	|	|	|	0.01
49.000	0.00	0.02	0.011	O	|	|	|	|	0.01
49.167	0.00	0.02	0.011	O	|	|	|	|	0.01
49.333	0.00	0.02	0.011	O	|	|	|	|	0.01
49.500	0.00	0.02	0.011	O	|	|	|	|	0.01
49.667	0.00	0.02	0.010	O	|	|	|	|	0.01
49.833	0.00	0.02	0.010	O	|	|	|	|	0.01
50.000	0.00	0.02	0.010	O	|	|	|	|	0.01
50.167	0.00	0.02	0.010	O	|	|	|	|	0.01
50.333	0.00	0.02	0.009	O	|	|	|	|	0.01
50.500	0.00	0.02	0.009	O	|	|	|	|	0.01
50.667	0.00	0.02	0.009	O	|	|	|	|	0.01
50.833	0.00	0.01	0.009	O	|	|	|	|	0.01
51.000	0.00	0.01	0.009	O	|	|	|	|	0.01
51.167	0.00	0.01	0.008	O	|	|	|	|	0.01
51.333	0.00	0.01	0.008	O	|	|	|	|	0.01
51.500	0.00	0.01	0.008	O	|	|	|	|	0.01
51.667	0.00	0.01	0.008	O	|	|	|	|	0.01
51.833	0.00	0.01	0.008	O	|	|	|	|	0.01
52.000	0.00	0.01	0.007	O	|	|	|	|	0.01
52.167	0.00	0.01	0.007	O	|	|	|	|	0.01
52.333	0.00	0.01	0.007	O	|	|	|	|	0.01
52.500	0.00	0.01	0.007	O	|	|	|	|	0.01
52.667	0.00	0.01	0.007	O	|	|	|	|	0.01
52.833	0.00	0.01	0.007	O	|	|	|	|	0.01

Remaining water in basin = 0.00 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 386
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 63.947 (CFS)
Total volume = 28.619 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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FLOOD HYDROGRAPH ROUTING PROGRAM

Study date: 04/16/19

INDIO MDP
EDA BASIN ROUTING
100-YEAR 6-HOUR

Program License Serial Number 4010

********** HYDROGRAPH INFORMATION **********

From study/file name: EDABASIN6100.rte
**********HYDROGRAPH DATA**********
Number of intervals = 50
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 265.794 (CFS)
Total volume = 30.451 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****
++++++++++
Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 50
Hydrograph time unit = 10.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
1.000	1.300	2.230	1.285	1.315
2.000	2.910	8.930	2.848	2.972
3.000	4.620	17.560	4.499	4.741
4.000	6.430	23.830	6.266	6.594
5.000	8.340	28.630	8.143	8.537
6.000	10.360	32.680	10.135	10.585
7.000	12.490	36.250	12.240	12.740
8.000	14.730	39.470	14.458	15.002
9.000	17.080	42.440	16.788	17.372
9.500	19.540	45.200	19.229	19.851
10.500	20.810	64.290	20.367	21.253

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 66.4 132.90 199.35 265.79	Depth (Ft.)
0.167	0.61	0.01	0.004	O | | | |	0.00
0.333	4.81	0.07	0.041	O | | | |	0.03
0.500	9.41	0.23	0.137	OI | | | |	0.11

0.667	12.02	0.48	0.279	OI				0.21
0.833	13.99	0.77	0.450	OI				0.35
1.000	15.39	1.10	0.639	OI				0.49
1.167	16.62	1.44	0.842	O I				0.65
1.333	17.93	1.81	1.058	O I				0.81
1.500	18.88	2.20	1.284	O I				0.99
1.667	19.43	3.11	1.511	O I				1.13
1.833	19.80	4.03	1.732	O I				1.27
2.000	20.10	4.92	1.945	O I				1.40
2.167	20.68	5.78	2.153	O I				1.53
2.333	21.28	6.62	2.356	O I				1.66
2.500	21.95	7.46	2.557	O I				1.78
2.667	22.48	8.28	2.754	O I				1.90
2.833	22.85	9.12	2.947	OI				2.02
3.000	23.76	10.07	3.136	OI				2.13
3.167	24.69	11.02	3.324	OI				2.24
3.333	25.53	11.97	3.511	O I				2.35
3.500	26.69	12.92	3.700	O I				2.46
3.667	28.70	13.91	3.897	O I				2.58
3.833	31.45	14.99	4.112	O I				2.70
4.000	34.41	16.20	4.350	O I				2.84
4.167	39.09	17.57	4.624	O I				3.00
4.333	47.74	18.78	4.972	O I				3.19
4.500	60.58	20.43	5.448	O I				3.46
4.667	74.80	22.63	6.084	O I				3.81
4.833	88.98	24.97	6.884	O I				4.24
5.000	103.46	27.39	7.848	O I				4.74
5.167	121.12	29.95	9.000	O I				5.33
5.333	158.09	32.90	10.490	O	I			6.06
5.500	213.71	36.37	12.574	O		I		7.04
5.667	265.79	40.25	15.349	O			I	8.26
5.833	205.98	43.50	18.021	O		I		9.19
6.000	114.28	46.23	19.609	O	I			9.55
6.167	73.50	55.17	20.203	O I				10.02
6.333	49.94	56.40	20.285	O				10.09
6.500	34.50	53.74	20.108	I O				9.95
6.667	25.22	49.26	19.810	I O				9.71
6.833	18.41	45.11	19.461	I O				9.48
7.000	13.30	44.66	19.061	I O				9.40
7.167	9.42	44.15	18.605	I O				9.31
7.333	6.91	43.60	18.113	I O				9.21
7.500	5.74	43.03	17.604	I O				9.11
7.667	4.07	42.44	17.083	I O				9.00
7.833	2.23	41.77	16.546	I O				8.77
8.000	0.29	41.07	15.993	I O				8.54
8.167	0.10	40.36	15.435	I O				8.30
8.333	0.03	39.67	14.885	I O				8.07
8.500	0.00	38.91	14.344	I O				7.83
8.667	0.00	38.15	13.813	I O				7.59
8.833	0.00	37.40	13.293	I O				7.36
9.000	0.00	36.67	12.783	I O				7.13
9.167	0.00	35.90	12.283	I O				6.90
9.333	0.00	35.08	11.794	I O				6.67
9.500	0.00	34.28	11.316	I O				6.45
9.667	0.00	33.50	10.849	I O				6.23
9.833	0.00	32.74	10.393	I O				6.02
10.000	0.00	31.85	9.948	I O				5.80
10.167	0.00	30.99	9.516	I O				5.58
10.333	0.00	30.14	9.095	I O				5.37
10.500	0.00	29.32	8.685	I O				5.17
10.667	0.00	28.50	8.287	I O				4.97
10.833	0.00	27.53	7.901	I O				4.77
11.000	0.00	26.59	7.528	I O				4.58
11.167	0.00	25.69	7.168	I O				4.39
11.333	0.00	24.81	6.821	I O				4.20
11.500	0.00	23.97	6.485	I O				4.03
11.667	0.00	22.90	6.162	I O				3.85
11.833	0.00	21.83	5.854	I O				3.68
12.000	0.00	20.82	5.560	I O				3.52
12.167	0.00	19.85	5.280	I O				3.36
12.333	0.00	18.92	5.013	I O				3.22

12.500	0.00	18.04	4.758	I O				3.08
12.667	0.00	17.04	4.517	I O				2.94
12.833	0.00	15.89	4.290	IO				2.81
13.000	0.00	14.83	4.078	IO				2.68
13.167	0.00	13.83	3.881	IO				2.57
13.333	0.00	12.90	3.697	IO				2.46
13.500	0.00	12.03	3.525	IO				2.36
13.667	0.00	11.23	3.365	IO				2.27
13.833	0.00	10.47	3.216	IO				2.18
14.000	0.00	9.77	3.076	IO				2.10
14.167	0.00	9.11	2.946	IO				2.02
14.333	0.00	8.57	2.824	IO				1.95
14.500	0.00	8.10	2.710	O				1.88
14.667	0.00	7.64	2.601	O				1.81
14.833	0.00	7.22	2.499	O				1.74
15.000	0.00	6.82	2.402	O				1.68
15.167	0.00	6.44	2.311	O				1.63
15.333	0.00	6.08	2.225	O				1.57
15.500	0.00	5.74	2.143	O				1.52
15.667	0.00	5.42	2.066	O				1.48
15.833	0.00	5.12	1.994	O				1.43
16.000	0.00	4.83	1.925	O				1.39
16.167	0.00	4.56	1.861	O				1.35
16.333	0.00	4.31	1.800	O				1.31
16.500	0.00	4.07	1.742	O				1.27
16.667	0.00	3.84	1.687	O				1.24
16.833	0.00	3.63	1.636	O				1.21
17.000	0.00	3.43	1.587	O				1.18
17.167	0.00	3.23	1.541	O				1.15
17.333	0.00	3.05	1.498	O				1.12
17.500	0.00	2.88	1.457	O				1.10
17.667	0.00	2.72	1.419	O				1.07
17.833	0.00	2.57	1.382	O				1.05
18.000	0.00	2.43	1.348	O				1.03
18.167	0.00	2.29	1.315	O				1.01
18.333	0.00	2.20	1.284	O				0.99
18.500	0.00	2.15	1.254	O				0.96
18.667	0.00	2.10	1.225	O				0.94
18.833	0.00	2.05	1.196	O				0.92
19.000	0.00	2.00	1.168	O				0.90
19.167	0.00	1.96	1.141	O				0.88
19.333	0.00	1.91	1.114	O				0.86
19.500	0.00	1.87	1.088	O				0.84
19.667	0.00	1.82	1.063	O				0.82
19.833	0.00	1.78	1.038	O				0.80
20.000	0.00	1.74	1.014	O				0.78
20.167	0.00	1.70	0.990	O				0.76
20.333	0.00	1.66	0.967	O				0.74
20.500	0.00	1.62	0.945	O				0.73
20.667	0.00	1.58	0.923	O				0.71
20.833	0.00	1.55	0.901	O				0.69
21.000	0.00	1.51	0.880	O				0.68
21.167	0.00	1.47	0.859	O				0.66
21.333	0.00	1.44	0.839	O				0.65
21.500	0.00	1.41	0.820	O				0.63
21.667	0.00	1.37	0.801	O				0.62
21.833	0.00	1.34	0.782	O				0.60
22.000	0.00	1.31	0.764	O				0.59
22.167	0.00	1.28	0.746	O				0.57
22.333	0.00	1.25	0.728	O				0.56
22.500	0.00	1.22	0.711	O				0.55
22.667	0.00	1.19	0.695	O				0.53
22.833	0.00	1.16	0.679	O				0.52
23.000	0.00	1.14	0.663	O				0.51
23.167	0.00	1.11	0.647	O				0.50
23.333	0.00	1.08	0.632	O				0.49
23.500	0.00	1.06	0.617	O				0.47
23.667	0.00	1.03	0.603	O				0.46
23.833	0.00	1.01	0.589	O				0.45
24.000	0.00	0.99	0.575	O				0.44
24.167	0.00	0.96	0.562	O				0.43

24.333	0.00	0.94	0.549	O	|	|	|	|	0.42
24.500	0.00	0.92	0.536	O	|	|	|	|	0.41
24.667	0.00	0.90	0.523	O	|	|	|	|	0.40
24.833	0.00	0.88	0.511	O	|	|	|	|	0.39
25.000	0.00	0.86	0.499	O	|	|	|	|	0.38
25.167	0.00	0.84	0.487	O	|	|	|	|	0.37
25.333	0.00	0.82	0.476	O	|	|	|	|	0.37
25.500	0.00	0.80	0.465	O	|	|	|	|	0.36
25.667	0.00	0.78	0.454	O	|	|	|	|	0.35
25.833	0.00	0.76	0.443	O	|	|	|	|	0.34
26.000	0.00	0.74	0.433	O	|	|	|	|	0.33
26.167	0.00	0.73	0.423	O	|	|	|	|	0.33
26.333	0.00	0.71	0.413	O	|	|	|	|	0.32
26.500	0.00	0.69	0.403	O	|	|	|	|	0.31
26.667	0.00	0.68	0.394	O	|	|	|	|	0.30
26.833	0.00	0.66	0.385	O	|	|	|	|	0.30
27.000	0.00	0.64	0.376	O	|	|	|	|	0.29
27.167	0.00	0.63	0.367	O	|	|	|	|	0.28
27.333	0.00	0.61	0.359	O	|	|	|	|	0.28
27.500	0.00	0.60	0.350	O	|	|	|	|	0.27
27.667	0.00	0.59	0.342	O	|	|	|	|	0.26
27.833	0.00	0.57	0.334	O	|	|	|	|	0.26
28.000	0.00	0.56	0.326	O	|	|	|	|	0.25
28.167	0.00	0.55	0.319	O	|	|	|	|	0.25
28.333	0.00	0.53	0.311	O	|	|	|	|	0.24
28.500	0.00	0.52	0.304	O	|	|	|	|	0.23
28.667	0.00	0.51	0.297	O	|	|	|	|	0.23
28.833	0.00	0.50	0.290	O	|	|	|	|	0.22
29.000	0.00	0.49	0.283	O	|	|	|	|	0.22
29.167	0.00	0.47	0.276	O	|	|	|	|	0.21
29.333	0.00	0.46	0.270	O	|	|	|	|	0.21
29.500	0.00	0.45	0.264	O	|	|	|	|	0.20
29.667	0.00	0.44	0.258	O	|	|	|	|	0.20
29.833	0.00	0.43	0.252	O	|	|	|	|	0.19
30.000	0.00	0.42	0.246	O	|	|	|	|	0.19
30.167	0.00	0.41	0.240	O	|	|	|	|	0.18
30.333	0.00	0.40	0.234	O	|	|	|	|	0.18
30.500	0.00	0.39	0.229	O	|	|	|	|	0.18
30.667	0.00	0.38	0.223	O	|	|	|	|	0.17
30.833	0.00	0.37	0.218	O	|	|	|	|	0.17
31.000	0.00	0.37	0.213	O	|	|	|	|	0.16
31.167	0.00	0.36	0.208	O	|	|	|	|	0.16
31.333	0.00	0.35	0.203	O	|	|	|	|	0.16
31.500	0.00	0.34	0.199	O	|	|	|	|	0.15
31.667	0.00	0.33	0.194	O	|	|	|	|	0.15
31.833	0.00	0.32	0.189	O	|	|	|	|	0.15
32.000	0.00	0.32	0.185	O	|	|	|	|	0.14
32.167	0.00	0.31	0.181	O	|	|	|	|	0.14
32.333	0.00	0.30	0.176	O	|	|	|	|	0.14
32.500	0.00	0.30	0.172	O	|	|	|	|	0.13
32.667	0.00	0.29	0.168	O	|	|	|	|	0.13
32.833	0.00	0.28	0.164	O	|	|	|	|	0.13
33.000	0.00	0.28	0.161	O	|	|	|	|	0.12
33.167	0.00	0.27	0.157	O	|	|	|	|	0.12
33.333	0.00	0.26	0.153	O	|	|	|	|	0.12
33.500	0.00	0.26	0.150	O	|	|	|	|	0.12
33.667	0.00	0.25	0.146	O	|	|	|	|	0.11
33.833	0.00	0.24	0.143	O	|	|	|	|	0.11
34.000	0.00	0.24	0.139	O	|	|	|	|	0.11
34.167	0.00	0.23	0.136	O	|	|	|	|	0.10
34.333	0.00	0.23	0.133	O	|	|	|	|	0.10
34.500	0.00	0.22	0.130	O	|	|	|	|	0.10
34.667	0.00	0.22	0.127	O	|	|	|	|	0.10
34.833	0.00	0.21	0.124	O	|	|	|	|	0.10
35.000	0.00	0.21	0.121	O	|	|	|	|	0.09
35.167	0.00	0.20	0.118	O	|	|	|	|	0.09
35.333	0.00	0.20	0.115	O	|	|	|	|	0.09
35.500	0.00	0.19	0.113	O	|	|	|	|	0.09
35.667	0.00	0.19	0.110	O	|	|	|	|	0.08
35.833	0.00	0.18	0.107	O	|	|	|	|	0.08
36.000	0.00	0.18	0.105	O	|	|	|	|	0.08

36.167	0.00	0.18	0.102	O	|	|	|	|	0.08
36.333	0.00	0.17	0.100	O	|	|	|	|	0.08
36.500	0.00	0.17	0.098	O	|	|	|	|	0.08
36.667	0.00	0.16	0.095	O	|	|	|	|	0.07
36.833	0.00	0.16	0.093	O	|	|	|	|	0.07
37.000	0.00	0.16	0.091	O	|	|	|	|	0.07
37.167	0.00	0.15	0.089	O	|	|	|	|	0.07
37.333	0.00	0.15	0.087	O	|	|	|	|	0.07
37.500	0.00	0.15	0.085	O	|	|	|	|	0.07
37.667	0.00	0.14	0.083	O	|	|	|	|	0.06
37.833	0.00	0.14	0.081	O	|	|	|	|	0.06
38.000	0.00	0.14	0.079	O	|	|	|	|	0.06
38.167	0.00	0.13	0.077	O	|	|	|	|	0.06
38.333	0.00	0.13	0.075	O	|	|	|	|	0.06
38.500	0.00	0.13	0.074	O	|	|	|	|	0.06
38.667	0.00	0.12	0.072	O	|	|	|	|	0.06
38.833	0.00	0.12	0.070	O	|	|	|	|	0.05
39.000	0.00	0.12	0.069	O	|	|	|	|	0.05
39.167	0.00	0.11	0.067	O	|	|	|	|	0.05
39.333	0.00	0.11	0.065	O	|	|	|	|	0.05
39.500	0.00	0.11	0.064	O	|	|	|	|	0.05
39.667	0.00	0.11	0.062	O	|	|	|	|	0.05
39.833	0.00	0.10	0.061	O	|	|	|	|	0.05
40.000	0.00	0.10	0.060	O	|	|	|	|	0.05
40.167	0.00	0.10	0.058	O	|	|	|	|	0.04
40.333	0.00	0.10	0.057	O	|	|	|	|	0.04
40.500	0.00	0.10	0.055	O	|	|	|	|	0.04
40.667	0.00	0.09	0.054	O	|	|	|	|	0.04
40.833	0.00	0.09	0.053	O	|	|	|	|	0.04
41.000	0.00	0.09	0.052	O	|	|	|	|	0.04
41.167	0.00	0.09	0.050	O	|	|	|	|	0.04
41.333	0.00	0.08	0.049	O	|	|	|	|	0.04
41.500	0.00	0.08	0.048	O	|	|	|	|	0.04
41.667	0.00	0.08	0.047	O	|	|	|	|	0.04
41.833	0.00	0.08	0.046	O	|	|	|	|	0.04
42.000	0.00	0.08	0.045	O	|	|	|	|	0.03
42.167	0.00	0.08	0.044	O	|	|	|	|	0.03
42.333	0.00	0.07	0.043	O	|	|	|	|	0.03
42.500	0.00	0.07	0.042	O	|	|	|	|	0.03
42.667	0.00	0.07	0.041	O	|	|	|	|	0.03
42.833	0.00	0.07	0.040	O	|	|	|	|	0.03
43.000	0.00	0.07	0.039	O	|	|	|	|	0.03
43.167	0.00	0.07	0.038	O	|	|	|	|	0.03
43.333	0.00	0.06	0.037	O	|	|	|	|	0.03
43.500	0.00	0.06	0.036	O	|	|	|	|	0.03
43.667	0.00	0.06	0.035	O	|	|	|	|	0.03
43.833	0.00	0.06	0.035	O	|	|	|	|	0.03
44.000	0.00	0.06	0.034	O	|	|	|	|	0.03
44.167	0.00	0.06	0.033	O	|	|	|	|	0.03
44.333	0.00	0.06	0.032	O	|	|	|	|	0.02
44.500	0.00	0.05	0.031	O	|	|	|	|	0.02
44.667	0.00	0.05	0.031	O	|	|	|	|	0.02
44.833	0.00	0.05	0.030	O	|	|	|	|	0.02
45.000	0.00	0.05	0.029	O	|	|	|	|	0.02
45.167	0.00	0.05	0.029	O	|	|	|	|	0.02
45.333	0.00	0.05	0.028	O	|	|	|	|	0.02
45.500	0.00	0.05	0.027	O	|	|	|	|	0.02
45.667	0.00	0.05	0.027	O	|	|	|	|	0.02
45.833	0.00	0.04	0.026	O	|	|	|	|	0.02
46.000	0.00	0.04	0.025	O	|	|	|	|	0.02
46.167	0.00	0.04	0.025	O	|	|	|	|	0.02
46.333	0.00	0.04	0.024	O	|	|	|	|	0.02
46.500	0.00	0.04	0.024	O	|	|	|	|	0.02
46.667	0.00	0.04	0.023	O	|	|	|	|	0.02
46.833	0.00	0.04	0.023	O	|	|	|	|	0.02
47.000	0.00	0.04	0.022	O	|	|	|	|	0.02
47.167	0.00	0.04	0.022	O	|	|	|	|	0.02
47.333	0.00	0.04	0.021	O	|	|	|	|	0.02
47.500	0.00	0.04	0.021	O	|	|	|	|	0.02
47.667	0.00	0.03	0.020	O	|	|	|	|	0.02
47.833	0.00	0.03	0.020	O	|	|	|	|	0.02

48.000	0.00	0.03	0.019	O	|	|	|	0.01
48.167	0.00	0.03	0.019	O	|	|	|	0.01
48.333	0.00	0.03	0.018	O	|	|	|	0.01
48.500	0.00	0.03	0.018	O	|	|	|	0.01
48.667	0.00	0.03	0.017	O	|	|	|	0.01
48.833	0.00	0.03	0.017	O	|	|	|	0.01
49.000	0.00	0.03	0.017	O	|	|	|	0.01
49.167	0.00	0.03	0.016	O	|	|	|	0.01
49.333	0.00	0.03	0.016	O	|	|	|	0.01
49.500	0.00	0.03	0.015	O	|	|	|	0.01
49.667	0.00	0.03	0.015	O	|	|	|	0.01
49.833	0.00	0.03	0.015	O	|	|	|	0.01
50.000	0.00	0.02	0.014	O	|	|	|	0.01
50.167	0.00	0.02	0.014	O	|	|	|	0.01
50.333	0.00	0.02	0.014	O	|	|	|	0.01
50.500	0.00	0.02	0.013	O	|	|	|	0.01
50.667	0.00	0.02	0.013	O	|	|	|	0.01
50.833	0.00	0.02	0.013	O	|	|	|	0.01
51.000	0.00	0.02	0.013	O	|	|	|	0.01
51.167	0.00	0.02	0.012	O	|	|	|	0.01
51.333	0.00	0.02	0.012	O	|	|	|	0.01
51.500	0.00	0.02	0.012	O	|	|	|	0.01
51.667	0.00	0.02	0.011	O	|	|	|	0.01
51.833	0.00	0.02	0.011	O	|	|	|	0.01
52.000	0.00	0.02	0.011	O	|	|	|	0.01
52.167	0.00	0.02	0.011	O	|	|	|	0.01
52.333	0.00	0.02	0.010	O	|	|	|	0.01
52.500	0.00	0.02	0.010	O	|	|	|	0.01
52.667	0.00	0.02	0.010	O	|	|	|	0.01
52.833	0.00	0.02	0.010	O	|	|	|	0.01
53.000	0.00	0.02	0.009	O	|	|	|	0.01
53.167	0.00	0.02	0.009	O	|	|	|	0.01
53.333	0.00	0.02	0.009	O	|	|	|	0.01
53.500	0.00	0.02	0.009	O	|	|	|	0.01
53.667	0.00	0.01	0.009	O	|	|	|	0.01
53.833	0.00	0.01	0.008	O	|	|	|	0.01
54.000	0.00	0.01	0.008	O	|	|	|	0.01
54.167	0.00	0.01	0.008	O	|	|	|	0.01
54.333	0.00	0.01	0.008	O	|	|	|	0.01
54.500	0.00	0.01	0.008	O	|	|	|	0.01
54.667	0.00	0.01	0.007	O	|	|	|	0.01
54.833	0.00	0.01	0.007	O	|	|	|	0.01
55.000	0.00	0.01	0.007	O	|	|	|	0.01
55.167	0.00	0.01	0.007	O	|	|	|	0.01
55.333	0.00	0.01	0.007	O	|	|	|	0.01
55.500	0.00	0.01	0.007	O	|	|	|	0.01
55.667	0.00	0.01	0.006	O	|	|	|	0.00
55.833	0.00	0.01	0.006	O	|	|	|	0.00
56.000	0.00	0.01	0.006	O	|	|	|	0.00
56.167	0.00	0.01	0.006	O	|	|	|	0.00
56.333	0.00	0.01	0.006	O	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 402
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 56.401 (CFS)
Total volume = 30.450 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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FLOOD HYDROGRAPH ROUTING PROGRAM
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Study date: 04/16/19

INDIO MDP
EDA BASIN ROUTING
100-YEAR 24-HOUR STORM

Program License Serial Number 4010

********** HYDROGRAPH INFORMATION **********

From study/file name: EDABASIN24100.rte

**********HYDROGRAPH DATA**********

Number of intervals = 158
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 74.834 (CFS)
Total volume = 32.544 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****
++++++++++
Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 158
Hydrograph time unit = 10.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
1.000	1.300	2.230	1.285	1.315
2.000	2.910	8.930	2.848	2.972
3.000	4.620	17.560	4.499	4.741
4.000	6.430	23.830	6.266	6.594
5.000	8.340	28.630	8.143	8.537
6.000	10.360	32.680	10.135	10.585
7.000	12.490	36.250	12.240	12.740
8.000	14.730	39.470	14.458	15.002
9.000	17.080	42.440	16.788	17.372
9.500	19.540	45.200	19.229	19.851
10.500	20.810	64.290	20.367	21.253

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	18.7	37.42	56.13	74.83	Depth (Ft.)
0.167	0.15	0.00	0.001	O	|	|	|	|	0.00
0.333	1.16	0.02	0.010	O	|	|	|	|	0.01
0.500	2.18	0.06	0.033	O	|	|	|	|	0.03
0.667	2.69	0.11	0.065	OI	|	|	|	|	0.05
0.833	3.35	0.18	0.104	OI	|	|	|	|	0.08

1.000	3.93	0.26	0.152	OI	|	|	|	|	0.12
1.167	4.19	0.35	0.203	OI	|	|	|	|	0.16
1.333	4.18	0.44	0.256	OI	|	|	|	|	0.20
1.500	4.11	0.52	0.306	OI	|	|	|	|	0.24
1.667	4.15	0.61	0.355	OI	|	|	|	|	0.27
1.833	4.37	0.69	0.405	OI	|	|	|	|	0.31
2.000	4.58	0.78	0.456	OI	|	|	|	|	0.35
2.167	4.72	0.87	0.509	O I	|	|	|	|	0.39
2.333	4.99	0.97	0.563	O I	|	|	|	|	0.43
2.500	5.24	1.06	0.619	O I	|	|	|	|	0.48
2.667	5.41	1.16	0.677	O I	|	|	|	|	0.52
2.833	5.88	1.27	0.738	O I	|	|	|	|	0.57
3.000	6.34	1.38	0.804	O I	|	|	|	|	0.62
3.167	6.55	1.50	0.873	O I	|	|	|	|	0.67
3.333	6.67	1.62	0.943	O I	|	|	|	|	0.73
3.500	6.75	1.74	1.012	O I	|	|	|	|	0.78
3.667	6.84	1.85	1.081	O I	|	|	|	|	0.83
3.833	7.09	1.97	1.151	O I	|	|	|	|	0.89
4.000	7.33	2.10	1.222	O I	|	|	|	|	0.94
4.167	7.50	2.22	1.294	O I	|	|	|	|	1.00
4.333	7.97	2.51	1.368	|O I	|	|	|	|	1.04
4.500	8.43	2.83	1.445	|O I	|	|	|	|	1.09
4.667	8.70	3.15	1.521	|O I	|	|	|	|	1.14
4.833	9.23	3.47	1.599	|O I	|	|	|	|	1.19
5.000	9.73	3.81	1.680	|O I	|	|	|	|	1.24
5.167	9.90	4.14	1.760	|O I	|	|	|	|	1.29
5.333	9.64	4.46	1.835	|O I	|	|	|	|	1.33
5.500	9.33	4.74	1.903	| OI	|	|	|	|	1.37
5.667	9.31	4.99	1.964	| OI	|	|	|	|	1.41
5.833	9.87	5.25	2.026	| O I	|	|	|	|	1.45
6.000	10.45	5.52	2.091	| O I	|	|	|	|	1.49
6.167	10.76	5.81	2.159	| O I	|	|	|	|	1.53
6.333	11.30	6.10	2.229	| O I	|	|	|	|	1.58
6.500	11.80	6.40	2.302	| O I	|	|	|	|	1.62
6.667	12.10	6.71	2.377	| O I	|	|	|	|	1.67
6.833	12.66	7.03	2.453	| O I	|	|	|	|	1.72
7.000	13.17	7.35	2.531	| O I	|	|	|	|	1.76
7.167	13.44	7.69	2.611	| O I	|	|	|	|	1.81
7.333	13.80	8.02	2.691	| O I	|	|	|	|	1.86
7.500	14.10	8.35	2.770	| O I	|	|	|	|	1.91
7.667	14.39	8.68	2.849	| O I	|	|	|	|	1.96
7.833	15.31	9.04	2.932	| O I	|	|	|	|	2.01
8.000	16.21	9.49	3.021	| O I	|	|	|	|	2.06
8.167	16.76	9.96	3.114	| O I|	|	|	|	2.12
8.333	18.02	10.46	3.213	| O I|	|	|	|	2.18
8.500	19.20	11.01	3.321	| O I	|	|	|	|	2.24
8.667	19.85	11.58	3.435	| O I	|	|	|	|	2.31
8.833	20.80	12.17	3.551	| O I	|	|	|	|	2.38
9.000	21.64	12.77	3.672	| O |I	|	|	|	|	2.45
9.167	22.25	13.39	3.794	| O |I	|	|	|	|	2.52
9.333	23.74	14.04	3.922	| O | I	|	|	|	|	2.59
9.500	25.15	14.74	4.060	| O | I	|	|	|	|	2.67
9.667	25.94	15.46	4.204	| O | I	|	|	|	|	2.76
9.833	27.16	16.21	4.352	| O | I	|	|	|	|	2.84
10.000	28.25	16.98	4.505	| O| I	|	|	|	|	2.93
10.167	28.40	17.69	4.656	| O| I	|	|	|	|	3.02
10.333	26.12	18.13	4.785	| O| I	|	|	|	|	3.09
10.500	23.71	18.45	4.876	| O| I	|	|	|	|	3.14
10.667	23.03	18.68	4.942	| O|I	|	|	|	|	3.18
10.833	24.51	18.91	5.011	| O I	|	|	|	|	3.22
11.000	26.18	19.21	5.097	| O I	|	|	|	|	3.26
11.167	26.77	19.55	5.195	| O I	|	|	|	|	3.32
11.333	26.70	19.89	5.292	| O I	|	|	|	|	3.37
11.500	26.50	20.20	5.382	| O I	|	|	|	|	3.42
11.667	26.36	20.49	5.466	| O I	|	|	|	|	3.47
11.833	25.76	20.75	5.541	| O I	|	|	|	|	3.51
12.000	25.16	20.97	5.604	| O I	|	|	|	|	3.54
12.167	25.37	21.17	5.662	| |OI	|	|	|	|	3.58
12.333	28.44	21.44	5.739	| |O I	|	|	|	|	3.62
12.500	31.58	21.84	5.855	| |O I	|	|	|	|	3.68
12.667	33.66	22.34	6.000	| |O I |	|	|	|	3.76

12.833	39.34	23.00	6.190	|	|O I |	|	3.87
13.000	45.12	23.88	6.449	|	| O | I |	|	4.01
13.167	49.59	24.68	6.767	|	| O | I |	|	4.18
13.333	60.84	25.72	7.180	|	| O | | I |	4.39
13.500	71.76	27.10	7.730	|	| O | | I |	4.68
13.667	74.83	28.66	8.355	|	| O | | I	5.01
13.833	61.84	29.74	8.894	|	| O | | I |	5.27
14.000	47.57	30.42	9.234	|	| O | I |	|	5.44
14.167	42.79	30.82	9.434	|	| O | I |	|	5.54
14.333	45.32	31.18	9.614	|	| O | I |	|	5.63
14.500	49.20	31.62	9.832	|	| O | I |	|	5.74
14.667	50.73	32.12	10.082	|	| O | I |	|	5.86
14.833	50.31	32.62	10.332	|	| O | I |	|	5.99
15.000	49.73	33.03	10.568	|	| O | I |	|	6.10
15.167	49.51	33.41	10.794	|	| O | I |	|	6.20
15.333	46.92	33.75	10.996	|	| O | I |	|	6.30
15.500	44.49	34.02	11.159	|	| O | I |	|	6.38
15.667	43.04	34.24	11.292	|	| O | I |	|	6.44
15.833	37.97	34.38	11.377	|	| O I |	|	6.48
16.000	32.88	34.41	11.391	|	| O |	|	6.48
16.167	29.87	34.34	11.350	|	| I O |	|	6.46
16.333	22.56	34.15	11.239	|	|I O |	|	6.41
16.500	15.62	33.81	11.034	|	I | O |	|	6.32
16.667	12.28	33.36	10.764	|	I | O |	|	6.19
16.833	9.87	32.85	10.460	|	I | O |	|	6.05
17.000	8.08	32.23	10.136	|	I | O |	|	5.89
17.167	7.07	31.56	9.801	|	I | O |	|	5.72
17.333	7.06	30.89	9.468	|	I | O |	|	5.56
17.500	7.30	30.25	9.146	|	I | O |	|	5.40
17.667	7.20	29.62	8.833	|	I | O |	|	5.24
17.833	6.88	29.00	8.526	|	I | O |	|	5.09
18.000	6.59	28.34	8.224	|	I | O |	|	4.94
18.167	6.42	27.60	7.929	|	I | O |	|	4.78
18.333	6.11	26.87	7.640	|	I | O |	|	4.63
18.500	5.81	26.16	7.357	|	I | O |	|	4.49
18.667	5.64	25.46	7.080	|	I | O |	|	4.34
18.833	4.98	24.78	6.807	|	I | O |	|	4.20
19.000	4.33	24.09	6.535	|	I | O |	|	4.05
19.167	4.11	23.27	6.267	|	I |O |	|	3.91
19.333	4.36	22.38	6.011	|	I |O |	|	3.77
19.500	4.66	21.55	5.770	|	I |O |	|	3.64
19.667	4.69	20.76	5.543	|	I O |	|	3.51
19.833	4.32	20.00	5.325	|	I O |	|	3.39
20.000	3.94	19.26	5.111	|	I O |	|	3.27
20.167	3.81	18.54	4.904	|	I O |	|	3.16
20.333	3.92	17.86	4.707	|	I O |	|	3.05
20.500	4.06	17.06	4.521	|	I O |	|	2.94
20.667	4.08	16.19	4.348	|	I O |	|	2.84
20.833	3.89	15.37	4.186	|	I O |	|	2.75
21.000	3.70	14.59	4.032	|	I O |	|	2.66
21.167	3.62	13.86	3.886	|	I O |	|	2.57
21.333	3.58	13.17	3.750	|	I O |	|	2.49
21.500	3.56	12.52	3.622	|	I O |	|	2.42
21.667	3.54	11.92	3.503	|	I O |	|	2.35
21.833	3.52	11.36	3.391	|	I O |	|	2.28
22.000	3.50	10.83	3.286	|	I O |	|	2.22
22.167	3.50	10.34	3.189	|	I O |	|	2.16
22.333	3.50	9.88	3.098	|	I O |	|	2.11
22.500	3.49	9.45	3.013	|	I O |	|	2.06
22.667	3.46	9.05	2.933	|	I O |	|	2.01
22.833	3.25	8.71	2.857	|	I O |	|	1.97
23.000	3.05	8.40	2.783	|	I O |	|	1.92
23.167	2.96	8.10	2.711	|	I O |	|	1.88
23.333	2.91	7.81	2.641	|	I O |	|	1.83
23.500	2.87	7.54	2.575	|	I O |	|	1.79
23.667	2.85	7.28	2.513	|	I O |	|	1.75
23.833	2.83	7.03	2.453	|	I O |	|	1.72
24.000	2.82	6.80	2.397	|	IO |	|	1.68
24.167	2.69	6.57	2.343	|	IO |	|	1.65
24.333	1.87	6.33	2.285	I O |	|	|	1.61
24.500	1.05	6.06	2.220	I O |	|	|	1.57

24.667	0.69	5.77	2.151	I O				1.53
24.833	0.48	5.48	2.081	I O				1.49
25.000	0.34	5.20	2.014	I O				1.44
25.167	0.25	4.93	1.948	I O				1.40
25.333	0.18	4.66	1.885	IO				1.36
25.500	0.13	4.41	1.824	IO				1.33
25.667	0.09	4.17	1.767	IO				1.29
25.833	0.06	3.94	1.712	IO				1.26
26.000	0.05	3.73	1.660	IO				1.22
26.167	0.03	3.52	1.610	IO				1.19
26.333	0.01	3.33	1.563	IO				1.16
26.500	0.00	3.14	1.519	IO				1.14
26.667	0.00	2.97	1.477	IO				1.11
26.833	0.00	2.80	1.437	IO				1.09
27.000	0.00	2.65	1.400	IO				1.06
27.167	0.00	2.50	1.364	IO				1.04
27.333	0.00	2.36	1.331	IO				1.02
27.500	0.00	2.23	1.299	O				1.00
27.667	0.00	2.18	1.269	O				0.98
27.833	0.00	2.13	1.239	O				0.95
28.000	0.00	2.08	1.210	O				0.93
28.167	0.00	2.03	1.182	O				0.91
28.333	0.00	1.98	1.154	O				0.89
28.500	0.00	1.93	1.128	O				0.87
28.667	0.00	1.89	1.101	O				0.85
28.833	0.00	1.84	1.075	O				0.83
29.000	0.00	1.80	1.050	O				0.81
29.167	0.00	1.76	1.026	O				0.79
29.333	0.00	1.72	1.002	O				0.77
29.500	0.00	1.68	0.978	O				0.75
29.667	0.00	1.64	0.956	O				0.74
29.833	0.00	1.60	0.933	O				0.72
30.000	0.00	1.56	0.912	O				0.70
30.167	0.00	1.53	0.890	O				0.68
30.333	0.00	1.49	0.869	O				0.67
30.500	0.00	1.46	0.849	O				0.65
30.667	0.00	1.42	0.829	O				0.64
30.833	0.00	1.39	0.810	O				0.62
31.000	0.00	1.36	0.791	O				0.61
31.167	0.00	1.33	0.773	O				0.59
31.333	0.00	1.29	0.755	O				0.58
31.500	0.00	1.26	0.737	O				0.57
31.667	0.00	1.23	0.720	O				0.55
31.833	0.00	1.21	0.703	O				0.54
32.000	0.00	1.18	0.686	O				0.53
32.167	0.00	1.15	0.670	O				0.52
32.333	0.00	1.12	0.655	O				0.50
32.500	0.00	1.10	0.640	O				0.49
32.667	0.00	1.07	0.625	O				0.48
32.833	0.00	1.05	0.610	O				0.47
33.000	0.00	1.02	0.596	O				0.46
33.167	0.00	1.00	0.582	O				0.45
33.333	0.00	0.97	0.568	O				0.44
33.500	0.00	0.95	0.555	O				0.43
33.667	0.00	0.93	0.542	O				0.42
33.833	0.00	0.91	0.529	O				0.41
34.000	0.00	0.89	0.517	O				0.40
34.167	0.00	0.87	0.505	O				0.39
34.333	0.00	0.85	0.493	O				0.38
34.500	0.00	0.83	0.482	O				0.37
34.667	0.00	0.81	0.470	O				0.36
34.833	0.00	0.79	0.459	O				0.35
35.000	0.00	0.77	0.449	O				0.35
35.167	0.00	0.75	0.438	O				0.34
35.333	0.00	0.73	0.428	O				0.33
35.500	0.00	0.72	0.418	O				0.32
35.667	0.00	0.70	0.408	O				0.31
35.833	0.00	0.68	0.399	O				0.31
36.000	0.00	0.67	0.389	O				0.30
36.167	0.00	0.65	0.380	O				0.29
36.333	0.00	0.64	0.371	O				0.29

36.500	0.00	0.62	0.363	O				0.28
36.667	0.00	0.61	0.354	O				0.27
36.833	0.00	0.59	0.346	O				0.27
37.000	0.00	0.58	0.338	O				0.26
37.167	0.00	0.57	0.330	O				0.25
37.333	0.00	0.55	0.322	O				0.25
37.500	0.00	0.54	0.315	O				0.24
37.667	0.00	0.53	0.307	O				0.24
37.833	0.00	0.52	0.300	O				0.23
38.000	0.00	0.50	0.293	O				0.23
38.167	0.00	0.49	0.286	O				0.22
38.333	0.00	0.48	0.280	O				0.22
38.500	0.00	0.47	0.273	O				0.21
38.667	0.00	0.46	0.267	O				0.21
38.833	0.00	0.45	0.261	O				0.20
39.000	0.00	0.44	0.254	O				0.20
39.167	0.00	0.43	0.249	O				0.19
39.333	0.00	0.42	0.243	O				0.19
39.500	0.00	0.41	0.237	O				0.18
39.667	0.00	0.40	0.232	O				0.18
39.833	0.00	0.39	0.226	O				0.17
40.000	0.00	0.38	0.221	O				0.17
40.167	0.00	0.37	0.216	O				0.17
40.333	0.00	0.36	0.211	O				0.16
40.500	0.00	0.35	0.206	O				0.16
40.667	0.00	0.34	0.201	O				0.15
40.833	0.00	0.34	0.196	O				0.15
41.000	0.00	0.33	0.192	O				0.15
41.167	0.00	0.32	0.187	O				0.14
41.333	0.00	0.31	0.183	O				0.14
41.500	0.00	0.31	0.179	O				0.14
41.667	0.00	0.30	0.174	O				0.13
41.833	0.00	0.29	0.170	O				0.13
42.000	0.00	0.29	0.166	O				0.13
42.167	0.00	0.28	0.162	O				0.12
42.333	0.00	0.27	0.159	O				0.12
42.500	0.00	0.27	0.155	O				0.12
42.667	0.00	0.26	0.151	O				0.12
42.833	0.00	0.25	0.148	O				0.11
43.000	0.00	0.25	0.144	O				0.11
43.167	0.00	0.24	0.141	O				0.11
43.333	0.00	0.24	0.138	O				0.11
43.500	0.00	0.23	0.134	O				0.10
43.667	0.00	0.23	0.131	O				0.10
43.833	0.00	0.22	0.128	O				0.10
44.000	0.00	0.21	0.125	O				0.10
44.167	0.00	0.21	0.122	O				0.09
44.333	0.00	0.20	0.119	O				0.09
44.500	0.00	0.20	0.117	O				0.09
44.667	0.00	0.20	0.114	O				0.09
44.833	0.00	0.19	0.111	O				0.09
45.000	0.00	0.19	0.109	O				0.08
45.167	0.00	0.18	0.106	O				0.08
45.333	0.00	0.18	0.104	O				0.08
45.500	0.00	0.17	0.101	O				0.08
45.667	0.00	0.17	0.099	O				0.08
45.833	0.00	0.17	0.097	O				0.07
46.000	0.00	0.16	0.094	O				0.07
46.167	0.00	0.16	0.092	O				0.07
46.333	0.00	0.15	0.090	O				0.07
46.500	0.00	0.15	0.088	O				0.07
46.667	0.00	0.15	0.086	O				0.07
46.833	0.00	0.14	0.084	O				0.06
47.000	0.00	0.14	0.082	O				0.06
47.167	0.00	0.14	0.080	O				0.06
47.333	0.00	0.13	0.078	O				0.06
47.500	0.00	0.13	0.076	O				0.06
47.667	0.00	0.13	0.074	O				0.06
47.833	0.00	0.12	0.073	O				0.06
48.000	0.00	0.12	0.071	O				0.05
48.167	0.00	0.12	0.069	O				0.05

48.333	0.00	0.12	0.068	O	|	|	|	|	0.05
48.500	0.00	0.11	0.066	O	|	|	|	|	0.05
48.667	0.00	0.11	0.065	O	|	|	|	|	0.05
48.833	0.00	0.11	0.063	O	|	|	|	|	0.05
49.000	0.00	0.11	0.062	O	|	|	|	|	0.05
49.167	0.00	0.10	0.060	O	|	|	|	|	0.05
49.333	0.00	0.10	0.059	O	|	|	|	|	0.05
49.500	0.00	0.10	0.057	O	|	|	|	|	0.04
49.667	0.00	0.10	0.056	O	|	|	|	|	0.04
49.833	0.00	0.09	0.055	O	|	|	|	|	0.04
50.000	0.00	0.09	0.053	O	|	|	|	|	0.04
50.167	0.00	0.09	0.052	O	|	|	|	|	0.04
50.333	0.00	0.09	0.051	O	|	|	|	|	0.04
50.500	0.00	0.09	0.050	O	|	|	|	|	0.04
50.667	0.00	0.08	0.049	O	|	|	|	|	0.04
50.833	0.00	0.08	0.048	O	|	|	|	|	0.04
51.000	0.00	0.08	0.046	O	|	|	|	|	0.04
51.167	0.00	0.08	0.045	O	|	|	|	|	0.03
51.333	0.00	0.08	0.044	O	|	|	|	|	0.03
51.500	0.00	0.07	0.043	O	|	|	|	|	0.03
51.667	0.00	0.07	0.042	O	|	|	|	|	0.03
51.833	0.00	0.07	0.041	O	|	|	|	|	0.03
52.000	0.00	0.07	0.040	O	|	|	|	|	0.03
52.167	0.00	0.07	0.039	O	|	|	|	|	0.03
52.333	0.00	0.07	0.038	O	|	|	|	|	0.03
52.500	0.00	0.06	0.038	O	|	|	|	|	0.03
52.667	0.00	0.06	0.037	O	|	|	|	|	0.03
52.833	0.00	0.06	0.036	O	|	|	|	|	0.03
53.000	0.00	0.06	0.035	O	|	|	|	|	0.03
53.167	0.00	0.06	0.034	O	|	|	|	|	0.03
53.333	0.00	0.06	0.033	O	|	|	|	|	0.03
53.500	0.00	0.06	0.033	O	|	|	|	|	0.03
53.667	0.00	0.05	0.032	O	|	|	|	|	0.02
53.833	0.00	0.05	0.031	O	|	|	|	|	0.02
54.000	0.00	0.05	0.030	O	|	|	|	|	0.02
54.167	0.00	0.05	0.030	O	|	|	|	|	0.02
54.333	0.00	0.05	0.029	O	|	|	|	|	0.02
54.500	0.00	0.05	0.028	O	|	|	|	|	0.02
54.667	0.00	0.05	0.028	O	|	|	|	|	0.02
54.833	0.00	0.05	0.027	O	|	|	|	|	0.02
55.000	0.00	0.05	0.026	O	|	|	|	|	0.02
55.167	0.00	0.04	0.026	O	|	|	|	|	0.02
55.333	0.00	0.04	0.025	O	|	|	|	|	0.02
55.500	0.00	0.04	0.025	O	|	|	|	|	0.02
55.667	0.00	0.04	0.024	O	|	|	|	|	0.02
55.833	0.00	0.04	0.023	O	|	|	|	|	0.02
56.000	0.00	0.04	0.023	O	|	|	|	|	0.02
56.167	0.00	0.04	0.022	O	|	|	|	|	0.02
56.333	0.00	0.04	0.022	O	|	|	|	|	0.02
56.500	0.00	0.04	0.021	O	|	|	|	|	0.02
56.667	0.00	0.04	0.021	O	|	|	|	|	0.02
56.833	0.00	0.03	0.020	O	|	|	|	|	0.02
57.000	0.00	0.03	0.020	O	|	|	|	|	0.02
57.167	0.00	0.03	0.019	O	|	|	|	|	0.01
57.333	0.00	0.03	0.019	O	|	|	|	|	0.01
57.500	0.00	0.03	0.018	O	|	|	|	|	0.01
57.667	0.00	0.03	0.018	O	|	|	|	|	0.01
57.833	0.00	0.03	0.018	O	|	|	|	|	0.01
58.000	0.00	0.03	0.017	O	|	|	|	|	0.01
58.167	0.00	0.03	0.017	O	|	|	|	|	0.01
58.333	0.00	0.03	0.016	O	|	|	|	|	0.01
58.500	0.00	0.03	0.016	O	|	|	|	|	0.01
58.667	0.00	0.03	0.016	O	|	|	|	|	0.01
58.833	0.00	0.03	0.015	O	|	|	|	|	0.01
59.000	0.00	0.03	0.015	O	|	|	|	|	0.01
59.167	0.00	0.03	0.015	O	|	|	|	|	0.01
59.333	0.00	0.02	0.014	O	|	|	|	|	0.01
59.500	0.00	0.02	0.014	O	|	|	|	|	0.01
59.667	0.00	0.02	0.014	O	|	|	|	|	0.01
59.833	0.00	0.02	0.013	O	|	|	|	|	0.01
60.000	0.00	0.02	0.013	O	|	|	|	|	0.01

60.167	0.00	0.02	0.013	O	|	|	|	0.01
60.333	0.00	0.02	0.012	O	|	|	|	0.01
60.500	0.00	0.02	0.012	O	|	|	|	0.01
60.667	0.00	0.02	0.012	O	|	|	|	0.01
60.833	0.00	0.02	0.012	O	|	|	|	0.01
61.000	0.00	0.02	0.011	O	|	|	|	0.01
61.167	0.00	0.02	0.011	O	|	|	|	0.01
61.333	0.00	0.02	0.011	O	|	|	|	0.01
61.500	0.00	0.02	0.010	O	|	|	|	0.01
61.667	0.00	0.02	0.010	O	|	|	|	0.01
61.833	0.00	0.02	0.010	O	|	|	|	0.01
62.000	0.00	0.02	0.010	O	|	|	|	0.01
62.167	0.00	0.02	0.010	O	|	|	|	0.01
62.333	0.00	0.02	0.009	O	|	|	|	0.01
62.500	0.00	0.02	0.009	O	|	|	|	0.01
62.667	0.00	0.02	0.009	O	|	|	|	0.01
62.833	0.00	0.01	0.009	O	|	|	|	0.01
63.000	0.00	0.01	0.008	O	|	|	|	0.01
63.167	0.00	0.01	0.008	O	|	|	|	0.01
63.333	0.00	0.01	0.008	O	|	|	|	0.01
63.500	0.00	0.01	0.008	O	|	|	|	0.01
63.667	0.00	0.01	0.008	O	|	|	|	0.01
63.833	0.00	0.01	0.008	O	|	|	|	0.01
64.000	0.00	0.01	0.007	O	|	|	|	0.01
64.167	0.00	0.01	0.007	O	|	|	|	0.01
64.333	0.00	0.01	0.007	O	|	|	|	0.01
64.500	0.00	0.01	0.007	O	|	|	|	0.01
64.667	0.00	0.01	0.007	O	|	|	|	0.01
64.833	0.00	0.01	0.007	O	|	|	|	0.01
65.000	0.00	0.01	0.006	O	|	|	|	0.00
65.167	0.00	0.01	0.006	O	|	|	|	0.00
65.333	0.00	0.01	0.006	O	|	|	|	0.00
65.500	0.00	0.01	0.006	O	|	|	|	0.00
65.667	0.00	0.01	0.006	O	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 458
Time interval = 10.0 (Min.)
Maximum/Peak flow rate = 34.408 (CFS)
Total volume = 32.543 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

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