

Type... Node: Addition Summary

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Name... OUT 10

Event: 100 yr

File... F:\HYDRO\PROJECTS\CLIFTON HEIGHTS COMMERCIAL 2ND\PONDPACK\OFFSITE.PPW

Storm... Type I 24hr Tag: 100y24

SUMMARY FOR HYDROGRAPH ADDITION
at Node: OUT 10

HYG Directory: F:\HYDRO\PROJECTS\CLIFTON HEIGHTS COMMERCIAL 2ND\PONDPACK\

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Upstream Link ID  Upstream Node ID  HYG file      HYG ID        HYG tag
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A 10              OFFSITE                OFFSITE        100y24
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INFLOWS TO: OUT 10

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HYG file      HYG ID        HYG tag      Volume      Peak Time    Peak Flow
              ac-ft         100y24      ac-ft       hrs          cfs
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              OFFSITE                2502.927    16.4000    3447.33

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TOTAL FLOW INTO: OUT 10

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HYG file      HYG ID        HYG tag      Volume      Peak Time    Peak Flow
              ac-ft         100y24      ac-ft       hrs          cfs
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              OUT 10                2502.927    16.4000    3447.33

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TOTAL NODE INFLOW...

HYG file =
 HYG ID = OUT 10
 HYG Tag = 100y24

 Peak Discharge = 3447.33 cfs
 Time to Peak = 16.4000 hrs
 HYG Volume = 2502.927 ac-ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
1. 9000	.00	.01	.04	.07	.10
2. 1500	.13	.15	.18	.21	.24
2. 4000	.27	.29	.32	.35	.38
2. 6500	.41	.44	.46	.49	.52
2. 9000	.57	.72	.87	1.02	1.17
3. 1500	1.32	1.47	1.62	1.77	1.92
3. 4000	2.07	2.22	2.37	2.52	2.67
3. 6500	2.82	2.97	3.12	3.27	3.42
3. 9000	3.83	4.27	4.72	5.16	5.60
4. 1500	6.05	6.49	6.93	7.38	7.82
4. 4000	8.27	8.71	9.15	9.60	10.04
4. 6500	10.48	10.93	11.37	11.82	12.55
4. 9000	13.49	14.43	15.37	16.31	17.25
5. 1500	18.19	19.14	20.08	21.02	21.96
5. 4000	22.90	23.84	24.78	25.72	26.66
5. 6500	27.60	28.54	29.49	30.61	32.18
5. 9000	33.75	35.32	36.89	38.45	40.02
6. 1500	41.59	43.16	44.72	46.29	47.86
6. 4000	49.43	51.00	52.56	54.13	55.70
6. 6500	57.27	58.83	60.41	62.64	64.87
6. 9000	67.10	69.33	71.56	73.78	76.01
7. 1500	78.24	80.47	82.70	84.93	87.16
7. 4000	89.38	91.61	93.84	96.07	98.30
7. 6500	100.53	102.75	105.47	108.35	111.24
7. 9000	114.13	117.02	119.91	122.79	125.68
8. 1500	128.57	131.46	134.35	137.23	140.12
8. 4000	143.01	145.90	148.79	151.67	154.56
8. 6500	157.45	160.66	164.27	167.87	171.48
8. 9000	175.09	178.69	182.30	185.90	189.51
9. 1500	193.12	196.72	200.33	203.93	207.54
9. 4000	211.15	214.75	218.36	221.97	225.57
9. 6500	229.35	233.97	238.59	243.22	247.84
9. 9000	252.46	257.09	261.71	266.33	270.95

HYDROGRAPH ORDINATES (cfs)						
Time hrs	Output Time increment = .0500 hrs					
	Time on left represents time for first value in each row.					
10. 1500	275.58	280.20	284.82	289.45	294.07	
10. 4000	298.69	303.32	307.94	312.56	317.18	
10. 6500	324.02	331.14	338.26	345.39	352.51	
10. 9000	359.63	366.75	373.88	381.00	388.12	
11. 1500	395.25	402.37	409.49	416.62	423.74	
11. 4000	430.86	437.98	445.11	452.23	467.34	
11. 6500	487.75	508.17	528.59	549.01	569.42	
11. 9000	589.84	610.26	630.68	651.09	671.51	
12. 1500	691.93	712.35	732.77	753.18	773.60	
12. 4000	794.02	814.44	834.85	859.91	894.96	
12. 6500	930.02	965.07	1000.12	1035.17	1070.22	
12. 9000	1105.27	1140.32	1175.38	1210.43	1245.48	
13. 1500	1280.53	1315.58	1350.63	1385.68	1420.74	
13. 4000	1455.79	1490.84	1526.38	1575.71	1625.05	
13. 6500	1674.39	1723.73	1773.07	1822.40	1871.74	
13. 9000	1921.08	1970.42	2019.76	2069.10	2118.43	
14. 1500	2167.77	2217.11	2266.45	2315.79	2365.12	
14. 4000	2414.46	2463.80	2504.63	2542.62	2580.62	
14. 6500	2618.62	2656.61	2694.61	2732.61	2770.61	
14. 9000	2808.60	2846.60	2884.60	2922.60	2960.59	
15. 1500	2998.59	3036.59	3074.59	3112.58	3150.58	
15. 4000	3188.58	3214.63	3227.07	3239.51	3251.95	
15. 6500	3264.39	3276.83	3289.26	3301.70	3314.14	
15. 9000	3326.58	3339.02	3351.46	3363.90	3376.34	
16. 1500	3388.78	3401.22	3413.66	3426.10	3438.54	
16. 4000	3447.33	3439.98	3432.62	3425.26	3417.91	
16. 6500	3410.55	3403.19	3395.84	3388.48	3381.12	
16. 9000	3373.77	3366.41	3359.05	3351.70	3344.34	
17. 1500	3336.99	3329.63	3322.27	3314.92	3307.56	
17. 4000	3288.71	3268.59	3248.47	3228.34	3208.22	
17. 6500	3188.10	3167.98	3147.86	3127.74	3107.62	
17. 9000	3087.49	3067.37	3047.25	3027.13	3007.01	
18. 1500	2986.89	2966.76	2946.64	2926.52	2906.40	
18. 4000	2871.41	2842.09	2812.77	2783.45	2754.13	
18. 6500	2724.81	2695.48	2666.16	2636.84	2607.52	
18. 9000	2578.20	2548.88	2519.56	2490.24	2460.92	
19. 1500	2431.60	2402.28	2372.96	2345.15	2320.35	
19. 4000	2295.55	2270.75	2245.94	2221.14	2196.34	
19. 6500	2171.54	2146.74	2121.94	2097.14	2072.34	
19. 9000	2047.54	2022.74	1997.94	1973.14	1948.33	
20. 1500	1923.53	1898.73	1874.26	1856.11	1837.96	
20. 4000	1819.81	1801.67	1783.52	1765.37	1747.22	
20. 6500	1729.07	1710.92	1692.77	1674.62	1656.47	
20. 9000	1638.32	1620.18	1602.03	1583.88	1565.73	
21. 1500	1547.58	1529.43	1514.75	1501.14	1487.52	
21. 4000	1473.90	1460.28	1446.67	1433.05	1419.43	
21. 6500	1405.81	1392.20	1378.58	1364.96	1351.35	

HYDROGRAPH ORDINATES (cfs)						
Time hrs	Output Time increment = .0500 hrs					
	Time on left represents time for first value in each row.					
21. 9000	1337.73	1324.11	1310.49	1296.88	1283.26	
22. 1500	1269.64	1257.11	1245.74	1234.38	1223.01	
22. 4000	1211.64	1200.28	1188.91	1177.54	1166.17	
22. 6500	1154.81	1143.44	1132.07	1120.71	1109.34	
22. 9000	1097.97	1086.60	1075.24	1063.87	1052.50	
23. 1500	1041.70	1033.16	1024.62	1016.08	1007.54	
23. 4000	999.00	990.46	981.92	973.38	964.84	
23. 6500	956.30	947.76	939.22	930.68	922.14	
23. 9000	913.60	905.06	896.52	887.98	879.44	
24. 1500	872.28	865.25	858.22	851.19	844.16	
24. 4000	837.13	830.10	823.07	816.03	809.00	
24. 6500	801.97	794.94	787.91	780.88	773.85	
24. 9000	766.82	759.79	752.76	745.72	739.25	
25. 1500	733.11	726.96	720.82	714.67	708.52	
25. 4000	702.38	696.23	690.09	683.94	677.80	
25. 6500	671.65	665.51	659.36	653.21	647.07	
25. 9000	640.92	634.78	628.63	622.61	616.82	
26. 1500	611.03	605.23	599.44	593.65	587.86	
26. 4000	582.06	576.27	570.48	564.69	558.89	
26. 6500	553.10	547.31	541.52	535.73	529.93	
26. 9000	524.14	518.35	512.57	506.99	501.42	
27. 1500	495.84	490.27	484.69	479.11	473.54	
27. 4000	467.96	462.39	456.81	451.23	445.66	
27. 6500	440.08	434.51	428.93	423.35	417.78	
27. 9000	412.20	406.63	401.49	396.48	391.47	
28. 1500	386.46	381.46	376.45	371.44	366.43	
28. 4000	361.42	356.41	351.40	346.39	341.38	
28. 6500	336.37	331.36	326.35	321.34	316.34	
28. 9000	311.33	306.70	302.46	298.23	293.99	
29. 1500	289.75	285.52	281.28	277.04	272.81	
29. 4000	268.57	264.33	260.10	255.86	251.62	
29. 6500	247.39	243.15	238.91	234.68	230.44	
29. 9000	226.40	223.09	219.77	216.46	213.15	
30. 1500	209.84	206.52	203.21	199.90	196.58	
30. 4000	193.27	189.96	186.65	183.33	180.02	
30. 6500	176.71	173.39	170.08	166.77	163.45	
30. 9000	161.00	158.61	156.22	153.83	151.44	
31. 1500	149.05	146.66	144.27	141.88	139.49	
31. 4000	137.10	134.71	132.32	129.93	127.54	
31. 6500	125.16	122.77	120.38	117.99	116.05	
31. 9000	114.37	112.69	111.01	109.33	107.64	
32. 1500	105.96	104.28	102.60	100.91	99.23	
32. 4000	97.55	95.87	94.19	92.50	90.82	
32. 6500	89.14	87.46	85.78	84.24	82.96	
32. 9000	81.67	80.39	79.11	77.83	76.55	
33. 1500	75.26	73.98	72.70	71.42	70.13	
33. 4000	68.85	67.57	66.29	65.01	63.72	

HYDROGRAPH ORDINATES (cfs)						
Time hrs	Output Time increment = .0500 hrs					
	Time on left represents time for first value in each row.					
33.6500	62.44	61.16	59.90	58.89	57.88	
33.9000	56.87	55.87	54.86	53.85	52.84	
34.1500	51.83	50.82	49.81	48.81	47.80	
34.4000	46.79	45.78	44.77	43.76	42.76	
34.6500	41.75	40.74	39.92	39.15	38.39	
34.9000	37.62	36.85	36.08	35.31	34.55	
35.1500	33.78	33.01	32.24	31.47	30.70	
35.4000	29.94	29.17	28.40	27.63	26.86	
35.6500	26.10	25.51	25.11	24.70	24.30	
35.9000	23.89	23.48	23.08	22.67	22.27	
36.1500	21.86	21.46	21.05	20.64	20.24	
36.4000	19.83	19.43	19.02	18.62	18.21	
36.6500	17.83	17.55	17.27	16.99	16.71	
36.9000	16.43	16.15	15.87	15.59	15.31	
37.1500	15.03	14.75	14.47	14.19	13.91	
37.4000	13.63	13.35	13.06	12.78	12.50	
37.6500	12.30	12.11	11.91	11.71	11.52	
37.9000	11.32	11.12	10.93	10.73	10.54	
38.1500	10.34	10.14	9.95	9.75	9.55	
38.4000	9.36	9.16	8.97	8.77	8.61	
38.6500	8.47	8.33	8.19	8.05	7.91	
38.9000	7.77	7.63	7.49	7.36	7.22	
39.1500	7.08	6.94	6.80	6.66	6.52	
39.4000	6.38	6.24	6.10	5.98	5.88	
39.6500	5.78	5.68	5.58	5.48	5.38	
39.9000	5.28	5.18	5.08	4.98	4.89	
40.1500	4.79	4.69	4.59	4.49	4.39	
40.4000	4.29	4.19	4.09	4.02	3.95	
40.6500	3.88	3.81	3.74	3.67	3.60	
40.9000	3.53	3.46	3.39	3.32	3.25	
41.1500	3.18	3.11	3.04	2.97	2.90	
41.4000	2.83	2.76	2.71	2.66	2.61	
41.6500	2.56	2.52	2.47	2.42	2.37	
41.9000	2.32	2.27	2.22	2.17	2.13	
42.1500	2.08	2.03	1.98	1.93	1.88	
42.4000	1.83	1.79	1.76	1.72	1.69	
42.6500	1.65	1.62	1.58	1.55	1.52	
42.9000	1.48	1.45	1.41	1.38	1.34	
43.1500	1.31	1.27	1.24	1.21	1.17	
43.4000	1.14	1.11	1.09	1.06	1.04	
43.6500	1.02	.99	.97	.94	.92	
43.9000	.89	.87	.84	.82	.79	
44.1500	.77	.74	.72	.70	.67	
44.4000	.65	.63	.62	.60	.58	
44.6500	.56	.54	.53	.51	.49	
44.9000	.47	.46	.44	.42	.40	
45.1500	.38	.37	.35	.33	.32	

HYDROGRAPH ORDINATES (cfs)
 Output Time increment = .0500 hrs
 Time on left represents time for first value in each row.

Time hrs					
45.4000	.30	.29	.28	.27	.26
45.6500	.25	.24	.22	.21	.20
45.9000	.19	.18	.17	.16	.14
46.1500	.13	.12	.11	.10	.09
46.4000	.09	.08	.08	.07	.07
46.6500	.06	.06	.05	.05	.04
46.9000	.04	.03	.03	.02	.02
47.1500	.01	.00	.00		