

Run started at: 10th June 2008 11:58:17
 exist_02a_peak_summary

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Results for period from 0: 0.0 1/ 1/1990
 to 5: 0.0 1/ 1/1990

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ROUTING INCREMENT (MINS) = 1.00
 STORM DURATION (MINS) = 90.
 RETURN PERIOD (YRS) = 10.
 BX = 1.0000
 TOTAL OF FIRST SUB-AREAS (ha) = 0.00
 TOTAL OF SECOND SUB-AREAS (ha) = 4.67
 TOTAL OF ALL SUB-AREAS (ha) = 4.67

SUMMARY OF CATCHMENT AND RAINFALL DATA

| Link Label | Catch. Area | | Slope | | % Impervious | | Pern | | B | | Link No. |
|------------|-------------|--------|--------|--------|--------------|--------|------|------|-------|-------|----------|
| | #1 (ha) | #2 | #1 (%) | #2 (%) | #1 (%) | #2 (%) | #1 | #2 | #1 | #2 | |
| S1 | .00001 | 2.759 | 10.82 | 10.82 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0214 | 1.000 |
| S4 | .00001 | 0.5610 | 8.070 | 8.070 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0108 | 2.000 |
| Basin | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.001 |
| S2 | .00001 | 0.4335 | 6.350 | 6.350 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0107 | 3.000 |
| H. LakeRd | .00001 | 0.000 | .0010 | 0.000 | 0.000 | 0.000 | .025 | 0.00 | .0021 | 0.000 | 1.002 |
| S3 | .00001 | 0.9160 | 15.46 | 15.46 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0101 | 4.000 |
| Wetland | .00001 | .00001 | .0010 | .0010 | 99.00 | 1.000 | .015 | .050 | .0001 | .0033 | 4.001 |
| Outlet | .00001 | .00001 | .0010 | .0010 | 99.00 | 1.000 | .015 | .050 | .0001 | .0033 | 1.003 |

| Link Label | Average Intensity (mm/h) | Init. Loss (mm) | | Cont. Loss (mm/h) | | Excess Rain (mm) | | Peak Inflow (m ³ /s) | Time to Peak | Link Lag (mins) |
|------------|--------------------------|-----------------|-------|-------------------|-------|------------------|--------|---------------------------------|--------------|-----------------|
| | | #1 | #2 | #1 | #2 | #1 | #2 | | | |
| S1 | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 0.9154 | 31.00 | 0.000 |
| S4 | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 0.2171 | 31.00 | 0.000 |
| Basin | 52.000 | 1.500 | 0.000 | 0.000 | 0.000 | 76.500 | 0.000 | 1.133 | 31.00 | 0.000 |
| S2 | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 0.1653 | 31.00 | 8.000 |
| H. LakeRd | 52.000 | 20.00 | 0.000 | 2.500 | 0.000 | 54.917 | 0.000 | 1.163 | 31.00 | 0.000 |
| S3 | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 0.3896 | 31.00 | 0.000 |
| Wetland | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 0.3896 | 31.00 | 0.000 |
| Outlet | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 1.552 | 31.00 | 0.000 |

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exist_02a_peak_summary

Results for period from 0: 0.0 1/ 1/1990
to 5: 0.0 1/ 1/1990

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ROUTING INCREMENT (MINS) = 1.00
STORM DURATION (MINS) = 120.
RETURN PERIOD (YRS) = 10.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 0.00
TOTAL OF SECOND SUB-AREAS (ha) = 4.67
TOTAL OF ALL SUB-AREAS (ha) = 4.67

SUMMARY OF CATCHMENT AND RAINFALL DATA

| Link Label | Catch. Area | | Slope | | % Impervious | | Pern | | B | | Link No. |
|------------|-------------|--------|--------|--------|--------------|--------|------|------|-------|-------|----------|
| | #1 (ha) | #2 | #1 (%) | #2 (%) | #1 (%) | #2 (%) | #1 | #2 | #1 | #2 | |
| S1 | .00001 | 2.759 | 10.82 | 10.82 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0214 | 1.000 |
| S4 | .00001 | 0.5610 | 8.070 | 8.070 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0108 | 2.000 |
| Basin | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.001 |
| S2 | .00001 | 0.4335 | 6.350 | 6.350 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0107 | 3.000 |
| H. LakeRd | .00001 | 0.000 | .0010 | 0.000 | 0.000 | 0.000 | .025 | 0.00 | .0021 | 0.000 | 1.002 |
| S3 | .00001 | 0.9160 | 15.46 | 15.46 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0101 | 4.000 |
| Wetland | .00001 | .00001 | .0010 | .0010 | 99.00 | 1.000 | .015 | .050 | .0001 | .0033 | 4.001 |
| Outlet | .00001 | .00001 | .0010 | .0010 | 99.00 | 1.000 | .015 | .050 | .0001 | .0033 | 1.003 |

| Link Label | Average Intensity (mm/h) | Init. Loss (mm) | | Cont. Loss (mm/h) | | Excess Rain (mm) | | Peak Inflow (m ³ /s) | Time to Peak | Link Lag (mins) |
|------------|--------------------------|-----------------|-------|-------------------|-------|------------------|--------|---------------------------------|--------------|-----------------|
| | | #1 | #2 | #1 | #2 | #1 | #2 | | | |
| S1 | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 0.9426 | 41.00 | 0.000 |
| S4 | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 0.2114 | 40.00 | 0.000 |
| Basin | 43.300 | 1.500 | 0.000 | 0.000 | 0.000 | 85.100 | 0.000 | 1.151 | 40.00 | 0.000 |
| S2 | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 0.1598 | 40.00 | 8.000 |
| H. LakeRd | 43.300 | 20.00 | 0.000 | 2.500 | 0.000 | 62.558 | 0.000 | 1.205 | 41.00 | 0.000 |
| S3 | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 0.3663 | 38.00 | 0.000 |
| Wetland | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 0.3663 | 38.00 | 0.000 |
| Outlet | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 1.549 | 40.00 | 0.000 |

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Results for period from 0: 0.0 1/ 1/1990
to 5: 0.0 1/ 1/1990

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exi st_02a_peak_summary

ROUTING INCREMENT (MINS) = 1.00
 STORM DURATION (MINS) = 90.
 RETURN PERIOD (YRS) = 100.
 BX = 1.0000
 TOTAL OF FIRST SUB-AREAS (ha) = 0.00
 TOTAL OF SECOND SUB-AREAS (ha) = 4.67
 TOTAL OF ALL SUB-AREAS (ha) = 4.67

SUMMARY OF CATCHMENT AND RAINFALL DATA

| Link Label | Catch. Area | | Slope | | % Impervious | | Pern | | B | | Link No. |
|------------|-------------|--------|--------|--------|--------------|--------|------|------|-------|-------|----------|
| | #1 (ha) | #2 | #1 (%) | #2 (%) | #1 (%) | #2 (%) | #1 | #2 | #1 | #2 | |
| S1 | .00001 | 2.759 | 10.82 | 10.82 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0214 | 1.000 |
| S4 | .00001 | 0.5610 | 8.070 | 8.070 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0108 | 2.000 |
| Basin | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.001 |
| S2 | .00001 | 0.4335 | 6.350 | 6.350 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0107 | 3.000 |
| H. LakeRd | .00001 | 0.000 | .0010 | 0.000 | 0.000 | 0.000 | .025 | 0.00 | .0021 | 0.000 | 1.002 |
| S3 | .00001 | 0.9160 | 15.46 | 15.46 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0101 | 4.000 |
| Wetland | .00001 | .00001 | .0010 | .0010 | 99.00 | 1.000 | .015 | .050 | .0001 | .0033 | 4.001 |
| Outlet | .00001 | .00001 | .0010 | .0010 | 99.00 | 1.000 | .015 | .050 | .0001 | .0033 | 1.003 |

| Link Label | Average Intensity (mm/h) | Ini t. Loss | | Cont. Loss | | Excess Rai n | | Peak Inflow (m^3/s) | Time to Peak | Link Lag (mins) |
|------------|--------------------------|-------------|-------|------------|-------|--------------|--------|---------------------|--------------|-----------------|
| | | #1 (mm) | #2 | #1 (mm/h) | #2 | #1 (mm) | #2 | | | |
| S1 | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 1.527 | 31.00 | 0.000 |
| S4 | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 0.3305 | 31.00 | 0.000 |
| Basin | 79.000 | 1.500 | 0.000 | 0.000 | 0.000 | 117.00 | 0.000 | 1.857 | 31.00 | 0.000 |
| S2 | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 0.2513 | 31.00 | 8.000 |
| H. LakeRd | 79.000 | 20.00 | 0.000 | 2.500 | 0.000 | 95.250 | 0.000 | 1.984 | 31.00 | 0.000 |
| S3 | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 0.5960 | 30.00 | 0.000 |
| Wetland | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 0.5960 | 30.00 | 0.000 |
| Outlet | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 2.570 | 31.00 | 0.000 |

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Results for period from 0: 0.0 1/ 1/1990
 to 5: 0.0 1/ 1/1990

 #####

ROUTING INCREMENT (MINS) = 1.00
 STORM DURATION (MINS) = 120.
 RETURN PERIOD (YRS) = 100.
 BX = 1.0000
 TOTAL OF FIRST SUB-AREAS (ha) = 0.00
 TOTAL OF SECOND SUB-AREAS (ha) = 4.67

exist_02a_peak_summary
TOTAL OF ALL SUB-AREAS (ha) = 4.67

SUMMARY OF CATCHMENT AND RAINFALL DATA

| Link Label | Catch. Area | | Slope | | % Impervious | | Pern | | B | | Link No. |
|------------|-------------|--------|--------|--------|--------------|--------|------|------|-------|-------|----------|
| | #1 (ha) | #2 | #1 (%) | #2 (%) | #1 (%) | #2 (%) | #1 | #2 | #1 | #2 | |
| S1 | .00001 | 2.759 | 10.82 | 10.82 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0214 | 1.000 |
| S4 | .00001 | 0.5610 | 8.070 | 8.070 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0108 | 2.000 |
| Basin | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.001 |
| S2 | .00001 | 0.4335 | 6.350 | 6.350 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0107 | 3.000 |
| H. LakeRd | .00001 | 0.000 | .0010 | 0.000 | 0.000 | 0.000 | .025 | 0.00 | .0021 | 0.000 | 1.002 |
| S3 | .00001 | 0.9160 | 15.46 | 15.46 | 99.00 | 1.000 | .015 | .050 | 0.000 | .0101 | 4.000 |
| Wetland | .00001 | .00001 | .0010 | .0010 | 99.00 | 1.000 | .015 | .050 | .0001 | .0033 | 4.001 |
| Outlet | .00001 | .00001 | .0010 | .0010 | 99.00 | 1.000 | .015 | .050 | .0001 | .0033 | 1.003 |

| Link Label | Average Intensity (mm/h) | Init. Loss | | Cont. Loss | | Excess Rain | | Peak Inflow (m ³ /s) | Time to Peak | Link Lag (mins) |
|------------|--------------------------|------------|-------|------------|-------|-------------|--------|---------------------------------|--------------|-----------------|
| | | #1 (mm) | #2 | #1 (mm/h) | #2 | #1 (mm) | #2 | | | |
| S1 | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 1.510 | 40.00 | 0.000 |
| S4 | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 0.3200 | 39.00 | 0.000 |
| Basin | 66.000 | 1.500 | 0.000 | 0.000 | 0.000 | 130.50 | 0.000 | 1.829 | 40.00 | 0.000 |
| S2 | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 0.2456 | 40.00 | 8.000 |
| H. LakeRd | 66.000 | 20.00 | 0.000 | 2.500 | 0.000 | 107.79 | 0.000 | 1.971 | 40.00 | 0.000 |
| S3 | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 0.5569 | 37.00 | 0.000 |
| Wetland | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 0.5569 | 37.00 | 0.000 |
| Outlet | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 2.487 | 40.00 | 0.000 |

prop_02a_peak_summary
 Run started at: 16th June 2008 15:56:49

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Results for period from 0: 0.0 1/ 1/1990
 to 5: 0.0 1/ 1/1990

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ROUTING INCREMENT (MINS) = 1.00
 STORM DURATION (MINS) = 90.
 RETURN PERIOD (YRS) = 10.
 BX = 1.0000
 TOTAL OF FIRST SUB-AREAS (ha) = 3.17
 TOTAL OF SECOND SUB-AREAS (ha) = 1.50
 TOTAL OF ALL SUB-AREAS (ha) = 4.67

SUMMARY OF CATCHMENT AND RAINFALL DATA

| Link Label | Catch. Area | | Slope | | % Impervious | | Pern | | B | | Link No. |
|------------|-------------|--------|--------|--------|--------------|--------|------|------|-------|-------|----------|
| | #1 (ha) | #2 | #1 (%) | #2 (%) | #1 (%) | #2 (%) | #1 | #2 | #1 | #2 | |
| S1 | 1.849 | 0.9100 | 10.82 | 10.82 | 99.00 | 1.000 | .015 | .025 | .0006 | .0072 | 1.000 |
| S4 | 0.4040 | 0.1570 | 8.070 | 8.070 | 99.00 | 1.000 | .015 | .025 | .0003 | .0033 | 2.000 |
| Basin | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.001 |
| S2 | 0.3160 | 0.1170 | 6.350 | 6.350 | 99.00 | 1.000 | .015 | .025 | .0003 | .0032 | 3.000 |
| H. LakeRd | .00001 | 0.000 | .0010 | 0.000 | 0.000 | 0.000 | .025 | 0.00 | .0021 | 0.000 | 1.002 |
| S3 | 0.6040 | 0.3110 | 15.46 | 15.46 | 99.00 | 1.000 | .015 | .025 | .0003 | .0035 | 4.000 |
| Wetland | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 4.001 |
| Outlet | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.003 |

| Link Label | Average Intensity (mm/h) | Init. Loss (mm) | | Cont. Loss (mm/h) | | Excess Rain (mm) | | Peak Inflow (m ³ /s) | Time to Peak | Link Lag (mins) |
|------------|--------------------------|-----------------|-------|-------------------|-------|------------------|--------|---------------------------------|--------------|-----------------|
| | | #1 | #2 | #1 | #2 | #1 | #2 | | | |
| S1 | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 1.453 | 30.00 | 0.000 |
| S4 | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 0.3008 | 30.00 | 0.000 |
| Basin | 52.000 | 1.500 | 0.000 | 0.000 | 0.000 | 76.500 | 0.000 | 1.754 | 30.00 | 0.000 |
| S2 | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 0.2300 | 30.00 | 8.000 |
| H. LakeRd | 52.000 | 20.00 | 0.000 | 2.500 | 0.000 | 54.917 | 0.000 | 1.142 | 35.00 | 0.000 |
| S3 | 52.000 | 1.500 | 20.00 | 0.000 | 2.500 | 76.500 | 54.917 | 0.5018 | 29.00 | 0.000 |
| Wetland | 52.000 | 1.500 | 0.000 | 0.000 | 0.000 | 76.500 | 0.000 | 0.5019 | 29.00 | 0.000 |
| Outlet | 52.000 | 1.500 | 0.000 | 0.000 | 0.000 | 76.500 | 0.000 | 1.533 | 30.00 | 0.000 |

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prop_02a_peak_summary

Results for period from 0: 0.0 1/ 1/1990
to 5: 0.0 1/ 1/1990

#####

ROUTING INCREMENT (MINS) = 1.00
STORM DURATION (MINS) = 120.
RETURN PERIOD (YRS) = 10.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 3.17
TOTAL OF SECOND SUB-AREAS (ha) = 1.50
TOTAL OF ALL SUB-AREAS (ha) = 4.67

SUMMARY OF CATCHMENT AND RAINFALL DATA

| Link Label | Catch. Area | | Slope | | % Impervious | | Pern | | B | | Link No. |
|------------|-------------|--------|--------|--------|--------------|--------|------|------|-------|-------|----------|
| | #1 (ha) | #2 | #1 (%) | #2 (%) | #1 (%) | #2 (%) | #1 | #2 | #1 | #2 | |
| S1 | 1.849 | 0.9100 | 10.82 | 10.82 | 99.00 | 1.000 | .015 | .025 | .0006 | .0072 | 1.000 |
| S4 | 0.4040 | 0.1570 | 8.070 | 8.070 | 99.00 | 1.000 | .015 | .025 | .0003 | .0033 | 2.000 |
| Basin | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.001 |
| S2 | 0.3160 | 0.1170 | 6.350 | 6.350 | 99.00 | 1.000 | .015 | .025 | .0003 | .0032 | 3.000 |
| H. LakeRd | .00001 | 0.000 | .0010 | 0.000 | 0.000 | 0.000 | .025 | 0.00 | .0021 | 0.000 | 1.002 |
| S3 | 0.6040 | 0.3110 | 15.46 | 15.46 | 99.00 | 1.000 | .015 | .025 | .0003 | .0035 | 4.000 |
| Wetland | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 4.001 |
| Outlet | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.003 |

| Link Label | Average Intensity (mm/h) | Init. Loss (mm) | | Cont. Loss (mm/h) | | Excess Rain (mm) | | Peak Inflow (m ³ /s) | Time to Peak | Link Lag (mins) |
|------------|--------------------------|-----------------|-------|-------------------|-------|------------------|--------|---------------------------------|--------------|-----------------|
| | | #1 | #2 | #1 | #2 | #1 | #2 | | | |
| S1 | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 1.351 | 35.00 | 0.000 |
| S4 | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 0.2845 | 35.00 | 0.000 |
| Basin | 43.300 | 1.500 | 0.000 | 0.000 | 0.000 | 85.100 | 0.000 | 1.635 | 35.00 | 0.000 |
| S2 | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 0.2167 | 35.00 | 8.000 |
| H. LakeRd | 43.300 | 20.00 | 0.000 | 2.500 | 0.000 | 62.558 | 0.000 | 1.187 | 40.00 | 0.000 |
| S3 | 43.300 | 1.500 | 20.00 | 0.000 | 2.500 | 85.100 | 62.558 | 0.4795 | 34.00 | 0.000 |
| Wetland | 43.300 | 1.500 | 0.000 | 0.000 | 0.000 | 85.100 | 0.000 | 0.4795 | 34.00 | 0.000 |
| Outlet | 43.300 | 1.500 | 0.000 | 0.000 | 0.000 | 85.100 | 0.000 | 1.517 | 40.00 | 0.000 |

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Results for period from 0: 0.0 1/ 1/1990
to 5: 0.0 1/ 1/1990

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prop_02a_peak_summary

ROUTING INCREMENT (MINS) = 1.00
 STORM DURATION (MINS) = 90.
 RETURN PERIOD (YRS) = 100.
 BX = 1.0000
 TOTAL OF FIRST SUB-AREAS (ha) = 3.17
 TOTAL OF SECOND SUB-AREAS (ha) = 1.50
 TOTAL OF ALL SUB-AREAS (ha) = 4.67

SUMMARY OF CATCHMENT AND RAINFALL DATA

| Link Label | Catch. Area | | Slope | | % Impervious | | Pern | | B | | Link No. |
|------------|-------------|--------|--------|--------|--------------|--------|------|------|-------|-------|----------|
| | #1 (ha) | #2 | #1 (%) | #2 (%) | #1 (%) | #2 (%) | #1 | #2 | #1 | #2 | |
| S1 | 1.849 | 0.9100 | 10.82 | 10.82 | 99.00 | 1.000 | .015 | .025 | .0006 | .0072 | 1.000 |
| S4 | 0.4040 | 0.1570 | 8.070 | 8.070 | 99.00 | 1.000 | .015 | .025 | .0003 | .0033 | 2.000 |
| Basin | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.001 |
| S2 | 0.3160 | 0.1170 | 6.350 | 6.350 | 99.00 | 1.000 | .015 | .025 | .0003 | .0032 | 3.000 |
| H. LakeRd | .00001 | 0.000 | .0010 | 0.000 | 0.000 | 0.000 | .025 | 0.00 | .0021 | 0.000 | 1.002 |
| S3 | 0.6040 | 0.3110 | 15.46 | 15.46 | 99.00 | 1.000 | .015 | .025 | .0003 | .0035 | 4.000 |
| Wetland | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 4.001 |
| Outlet | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.003 |

| Link Label | Average Intensity (mm/h) | Init. Loss (mm) | | Cont. Loss (mm/h) | | Excess Rain (mm) | | Peak Inflow (m ³ /s) | Time to Peak | Link Lag (mins) |
|------------|--------------------------|-----------------|-------|-------------------|-------|------------------|--------|---------------------------------|--------------|-----------------|
| | | #1 | #2 | #1 | #2 | #1 | #2 | | | |
| S1 | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 2.064 | 29.00 | 0.000 |
| S4 | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 0.4354 | 29.00 | 0.000 |
| Basin | 79.000 | 1.500 | 0.000 | 0.000 | 0.000 | 117.00 | 0.000 | 2.500 | 29.00 | 0.000 |
| S2 | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 0.3313 | 29.00 | 8.000 |
| H. LakeRd | 79.000 | 20.00 | 0.000 | 2.500 | 0.000 | 95.250 | 0.000 | 1.498 | 35.00 | 0.000 |
| S3 | 79.000 | 1.500 | 20.00 | 0.000 | 2.500 | 117.00 | 95.250 | 0.7164 | 29.00 | 0.000 |
| Wetland | 79.000 | 1.500 | 0.000 | 0.000 | 0.000 | 117.00 | 0.000 | 0.7164 | 29.00 | 0.000 |
| Outlet | 79.000 | 1.500 | 0.000 | 0.000 | 0.000 | 117.00 | 0.000 | 2.033 | 30.00 | 0.000 |

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Results for period from 0: 0.0 1/ 1/1990
 to 5: 0.0 1/ 1/1990

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ROUTING INCREMENT (MINS) = 1.00
 STORM DURATION (MINS) = 120.
 RETURN PERIOD (YRS) = 100.
 BX = 1.0000
 TOTAL OF FIRST SUB-AREAS (ha) = 3.17
 TOTAL OF SECOND SUB-AREAS (ha) = 1.50

prop_02a_peak_summary
TOTAL OF ALL SUB-AREAS (ha) = 4.67

SUMMARY OF CATCHMENT AND RAINFALL DATA

| Link Label | Catch. Area | | Slope | | % Impervious | | Pern | | B | | Link No. |
|------------|-------------|--------|--------|--------|--------------|--------|------|------|-------|-------|----------|
| | #1 (ha) | #2 | #1 (%) | #2 (%) | #1 (%) | #2 (%) | #1 | #2 | #1 | #2 | |
| S1 | 1.849 | 0.9100 | 10.82 | 10.82 | 99.00 | 1.000 | .015 | .025 | .0006 | .0072 | 1.000 |
| S4 | 0.4040 | 0.1570 | 8.070 | 8.070 | 99.00 | 1.000 | .015 | .025 | .0003 | .0033 | 2.000 |
| Basin | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.001 |
| S2 | 0.3160 | 0.1170 | 6.350 | 6.350 | 99.00 | 1.000 | .015 | .025 | .0003 | .0032 | 3.000 |
| H. LakeRd | .00001 | 0.000 | .0010 | 0.000 | 0.000 | 0.000 | .025 | 0.00 | .0021 | 0.000 | 1.002 |
| S3 | 0.6040 | 0.3110 | 15.46 | 15.46 | 99.00 | 1.000 | .015 | .025 | .0003 | .0035 | 4.000 |
| Wetland | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 4.001 |
| Outlet | .00001 | 0.000 | .0010 | 0.000 | 99.00 | 0.000 | .015 | 0.00 | .0001 | 0.000 | 1.003 |

| Link Label | Average Intensity (mm/h) | Init. Loss | | Cont. Loss | | Excess Rain | | Peak Inflow (m ³ /s) | Time to Peak | Link Lag (mins) |
|------------|--------------------------|------------|-------|------------|-------|-------------|--------|---------------------------------|--------------|-----------------|
| | | #1 (mm) | #2 | #1 (mm/h) | #2 | #1 (mm) | #2 | | | |
| S1 | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 1.942 | 35.00 | 0.000 |
| S4 | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 0.4176 | 34.00 | 0.000 |
| Basin | 66.000 | 1.500 | 0.000 | 0.000 | 0.000 | 130.50 | 0.000 | 2.355 | 34.00 | 0.000 |
| S2 | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 0.3115 | 35.00 | 8.000 |
| H. LakeRd | 66.000 | 20.00 | 0.000 | 2.500 | 0.000 | 107.79 | 0.000 | 1.501 | 42.00 | 0.000 |
| S3 | 66.000 | 1.500 | 20.00 | 0.000 | 2.500 | 130.50 | 107.79 | 0.6830 | 34.00 | 0.000 |
| Wetland | 66.000 | 1.500 | 0.000 | 0.000 | 0.000 | 130.50 | 0.000 | 0.6830 | 34.00 | 0.000 |
| Outlet | 66.000 | 1.500 | 0.000 | 0.000 | 0.000 | 130.50 | 0.000 | 1.966 | 40.00 | 0.000 |