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Start of run configured for IBM AT Produced on 7/ 9/20 1 at 11:25

Simulation Program for Interactive Drainage Analysis

Summary results from Simulation

Version 2.1L dated Aug 93

Licence Number - WS002701WA

**** Message : 167 ****
No time varying data was given for event. A steady state simulation will be run.

**** Message : 253 ****
Run finished for event 1.

Summary results for event 1 - BASELINE CONDITION AT 2011
Started at 06-09-01 00:00. Run for 30.00 min. (Requested simulation time 30.00 min)

Files used:
Network: ...\BASE2011.SPB YAU TONG BAY DEVELOMENT AT 2011 - BASELINE CONDITION
State: ...\BASE2011.sps
Runoff:
Rainfall:
DWF:
Inflows:
Levels:
RTC:
Results: ...\BASE2011.SPR

Total rainfall = 0.0 m3
Total runoff = 0.0 m3
Total inflow = 1807.0 m3
Total outflow = 1807.0 m3
Total lost = 0.0 m3

********** Node data **********

Node Reference	Ground Level (m AD)	Max Level (m AD)	Flood Volume (m3)	Flood Depth (m)	Flood Area (m2)	Max Stored (m3)
200_008	4.460	1.792	0.0	0.000	0.0	0.9
200_009	4.330	1.661	0.0	0.000	0.0	1.0
200_010	4.420	1.510	0.0	0.000	0.0	1.0
200_011	4.050	1.356	0.0	0.000	0.0	0.9
200_012	3.960	1.213	0.0	0.000	0.0	0.9
200_013	3.930	1.147	0.0	0.000	0.0	0.8

A %% indicates water lost from the system.

********** Link data **********

Link Reference	D/S Node	Pipe Len (m)	Pipe Hgt (mm)	Sed Dpth (mm)	P.Full Flow (m3/s)	Upstream Invert Level (m AD)	Upstream Max Depth (m)	Upstream Max Flow (m3/s)	Upstream Max Vel (m/s)	Upstream Total Flow (m3)	Downstream Invert Level (m AD)	Downstream Max Depth (m)	Downstream Max Flow (m3/s)	Downstream Max Vel (m/s)	Downstream Total Flow (m3)
200_008.1	200_009	61	1125	0	1.678	1.170	0.621	0.889	1.579	1600.2	0.970	0.691	0.889	1.388	1600.2
200_009.1	200_010	65	1125	0	1.149	0.970	0.690	0.889	1.390	1600.2	0.870	0.640	0.889	1.522	1600.2
200_010.1	200_011	89	1425	0	2.088	0.870	0.640	0.895	1.288	1610.6	0.740	0.616	0.895	1.355	1610.6
200_011.1	200_012	65	1425	0	2.143	0.740	0.616	0.903	1.367	1624.7	0.640	0.573	0.903	1.504	1624.7
200_012.1	200_013	19	1425	0	2.171	0.640	0.573	1.004	1.673	1807.0	0.610	0.537	1.004	1.828	1807.0
200_013.1	-1	7	1425	0	2.065	0.610	0.536	1.004	1.828	1807.0	0.600	0.518	1.004	1.917	1807.0

+ after total flow indicates a pipe/channel surcharged by flow and depth at that end.
x after total flow indicates a pipe/channel surcharged by depth only at that end.

NOTE :
(i) maximum elevations, depths, volumes, velocities and discharges are selected from the values at each time increment and will be in general more extreme than the maximum values in the hydrograph files.
(ii) maximum elevations, velocities and discharges are not necessarily calculated at the same time.
(iii) max. velocity is not calculated for a pipe if either the water level does not exceed 5% of the pipe depth or the discharge is less than 0.001 m3/s.

End of run 1 mins (elapsed) Produced on 7/ 9/20 1 Last page

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Start of run configured for IBM AT Produced on 5/ 9/20 1 at 14:42

Simulation Program for Interactive Drainage Analysis

Summary results from Simulation

Version 2.1L dated Aug 93

Licence Number - WS002701WA

**** Message : 167 ****
No time varying data was given for event. A steady state simulation will be run.

**** Message : 253 ****
Run finished for event 1.

YAU TONG BAY DEVELOMENT AT 2016 - BASELINE CONDITION Event - 1 WS002701WA Produced 5/ 9/20 1 Pg 1

Summary results for event 1 - BASELINE CONDITION 2016
Started at 05-09-01 00:00. Run for 30.00 min. (Requested simulation time 30.00 min)

Files used:
Network: ...\BASE2016.SPB YAU TONG BAY DEVELOMENT AT 2016 - BASELINE CONDITION
State: ...\BASE2016.sps
Runoff:
Rainfall:
DWF:
Inflows:
Levels:
RTC:
Results: ...\BASE2016.spr

Total rainfall = 0.0 m3
Total runoff = 0.0 m3
Total inflow = 1865.5 m3
Total outflow = 1865.5 m3
Total lost = 0.0 m3

YAU TONG BAY DEVELOMENT AT 2016 - BASELINE CONDITION Event - 1 WS002701WA Produced U /YA/20 1 Pg 2

********** Node data **********

Node Reference	Ground Level (m AD)	Max Level (m AD)	Flood Volume (m3)	Flood Depth (m)	Flood Area (m2)	Max Stored (m3)
200_008	4.460	1.749	0.0	0.000	0.0	0.9
200_009	4.330	1.621	0.0	0.000	0.0	1.0
200_010	4.420	1.481	0.0	0.000	0.0	0.9
200_011	4.050	1.346	0.0	0.000	0.0	0.9
200_012	3.960	1.222	0.0	0.000	0.0	0.9
200_013	3.930	1.155	0.0	0.000	0.0	0.8

A %% indicates water lost from the system.

YAU TONG BAY DEVELOMENT AT 2016 - BASELINE CONDITION Event - 1 WS002701WA Produced U /YA/20 1 Pg 3

********** Link data **********

Link Reference	D/S Node	Pipe Len (m)	Pipe Hgt (mm)	Sed Dpth (mm)	P.Full Flow (m3/s)	Upstream Invert Level (m AD)	Upstream Max Depth (m)	Upstream Max Flow (m3/s)	Upstream Max Vel (m/s)	Upstream Total Flow (m3)	Downstream Invert Level (m AD)	Downstream Max Depth (m)	Downstream Max Flow (m3/s)	Downstream Max Vel (m/s)	Downstream Total Flow (m3)
200_008.1	200_009	61	1125	0	1.678	1.170	0.579	0.792	1.537	1425.2	0.970	0.651	0.792	1.329	1425.2
200_009.1	200_010	65	1125	0	1.149	0.970	0.650	0.792	1.330	1425.2	0.870	0.611	0.792	1.436	1425.2
200_010.1	200_011	89	1425	0	2.088	0.870	0.611	0.798	1.221	1435.5	0.740	0.606	0.798	1.234	1435.5
200_011.1	200_012	65	1425	0	2.143	0.740	0.606	0.845	1.308	1521.0	0.640	0.582	0.845	1.379	1521.0
200_012.1	200_013	19	1425	0	2.171	0.640	0.582	1.036	1.691	1865.5	0.610	0.545	1.036	1.847	1865.5
200_013.1	-1	7	1425	0	2.065	0.610	0.545	1.036	1.847	1865.5	0.600	0.527	1.036	1.935	1865.5

+ after total flow indicates a pipe/channel surcharged by flow and depth at that end.
x after total flow indicates a pipe/channel surcharged by depth only at that end.

NOTE :
(i) maximum elevations, depths, volumes, velocities and discharges are selected from the values at each time increment and will be in general more extreme than the maximum values in the hydrograph files.
(ii) maximum elevations, velocities and discharges are not necessarily calculated at the same time.
(iii) max. velocity is not calculated for a pipe if either the water level does not exceed 5% of the pipe depth or the discharge is less than 0.001 m3/s.

End of run 1 mins (elapsed) Produced on 5/ 9/20 1 Last page

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Start of run configured for IBM AT Produced on 7/ 9/20 1 at 11:38

Simulation Program for Interactive Drainage Analysis

Summary results from Simulation

Version 2.1L dated Aug 93

Licence Number - WS002701WA

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**** Message : 167 ****
No time varying data was given for event. A steady state simulation will be run.

**** Message : 253 ****
Run finished for event 1.

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Summary results for event 1 - YAU TONG BAY DEVELOPMENT AT 2011
Started at 06-09-01 00:00. Run for 30.00 min. (Requested simulation time 30.00 min)

Files used:
Network: ...\YTB2011.SPB YAU TONG BAY DEVELOMENT AT 2011
State: ...\YTB2011.sps
Runoff:
Rainfall:
DWF:
Inflows:
Levels:
RTC:
Results: ...\YTB2011.SPR

Total rainfall = 0.0 m3
Total runoff = 0.0 m3
Total inflow = 2846.7 m3
Total outflow = 2846.7 m3
Total lost = 0.0 m3

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********** Node data **********

Node Reference	Ground Level (m AD)	Max Level (m AD)	Flood Volume (m3)	Flood Depth (m)	Flood Area (m2)	Max Stored (m3)
200_008	4.460	2.090	0.0	0.000	0.0	1.4
200_009	4.330	1.925	0.0	0.000	0.0	1.4
200_010	4.420	1.713	0.0	0.000	0.0	1.3
200_011	4.050	1.534	0.0	0.000	0.0	1.2
200_012	3.960	1.360	0.0	0.000	0.0	1.1
200_013	3.930	1.286	0.0	0.000	0.0	1.0

A %% indicates water lost from the system.

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********** Link data **********

Link Reference	D/S Node	Pipe Len (m)	Pipe Hgt (mm)	Sed Dpth (mm)	P.Full Flow (m3/s)	Upstream Invert Level (m AD)	Upstream Max Depth (m)	Upstream Max Flow (m3/s)	Upstream Max Vel (m/s)	Upstream Total Flow (m3)	Downstream Invert Level (m AD)	Downstream Max Depth (m)	Downstream Max Flow (m3/s)	Downstream Max Vel (m/s)	Downstream Total Flow (m3)
200_008.1	200_009	61	1125	0	1.678	1.170	0.913	1.477	1.710	2659.5	0.970	0.955	1.478	1.643	2659.5
200_009.1	200_010	65	1125	0	1.149	0.970	0.947	1.478	1.654	2659.5	0.870	0.842	1.478	1.850	2659.5
200_010.1	200_011	89	1425	0	2.088	0.870	0.842	1.483	1.511	2668.9	0.740	0.794	1.483	1.624	2668.9
200_011.1	200_012	65	1425	0	2.143	0.740	0.793	1.490	1.633	2681.6	0.640	0.720	1.490	1.844	2681.6
200_012.1	200_013	19	1425	0	2.171	0.640	0.720	1.582	1.958	2846.7	0.610	0.676	1.582	2.122	2846.7
200_013.1	-1	7	1425	0	2.065	0.610	0.676	1.582	2.123	2846.7	0.600	0.655	1.582	2.209	2846.7

+ after total flow indicates a pipe/channel surcharged by flow and depth at that end.
x after total flow indicates a pipe/channel surcharged by depth only at that end.

NOTE :
(i) maximum elevations, depths, volumes, velocities and discharges are selected from the values at each time increment and will be in general more extreme than the maximum values in the hydrograph files.
(ii) maximum elevations, velocities and discharges are not necessarily calculated at the same time.
(iii) max. velocity is not calculated for a pipe if either the water level does not exceed 5% of the pipe depth or the discharge is less than 0.001 m3/s.

End of run 1 mins (elapsed) Produced on 7/ 9/20 1 Last page

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Start of run configured for IBM AT Produced on 4/ 9/20 1 at 17:34

Simulation Program for Interactive Drainage Analysis

Summary results from Simulation

Version 2.1L dated Aug 93

Licence Number - WS002701WA

**** Message : 167 ****
No time varying data was given for event. A steady state simulation will be run.

**** Message : 253 ****
Run finished for event 1.

Summary results for event 1 - YAU TONG BAY DEVELOPMENT AT 2016
Started at 04-09-01 00:00. Run for 30.00 min. (Requested simulation time 30.00 min)

Files used:
Network: ...\YTB2016.SPB YAU TONG BAY DEVELOMENT AT 2016
State: ...\YTB2016.sps
Runoff:
Rainfall:
DWF:
Inflows:
Levels:
RTC:
Results: ...\YTB2016.SPR

Total rainfall = 0.0 m3
Total runoff = 0.0 m3
Total inflow = 2900.9 m3
Total outflow = 2900.9 m3
Total lost = 0.0 m3

********** Node data **********

Node Reference	Ground Level (m AD)	Max Level (m AD)	Flood Volume (m3)	Flood Depth (m)	Flood Area (m2)	Max Stored (m3)
200_008	4.460	2.033	0.0	0.000	0.0	1.3
200_009	4.330	1.886	0.0	0.000	0.0	1.4
200_010	4.420	1.693	0.0	0.000	0.0	1.2
200_011	4.050	1.528	0.0	0.000	0.0	1.2
200_012	3.960	1.367	0.0	0.000	0.0	1.1
200_013	3.930	1.293	0.0	0.000	0.0	1.0

A %% indicates water lost from the system.

********** Link data **********

Link Reference	D/S Node	Pipe Len (m)	Pipe Hgt (mm)	Sed Dpth (mm)	P.Full Flow (m3/s)	Upstream Invert Level (m AD)	Upstream Max Depth (m)	Upstream Max Flow (m3/s)	Upstream Max Vel (m/s)	Upstream Total Flow (m3)	Downstream Invert Level (m AD)	Downstream Max Depth (m)	Downstream Max Flow (m3/s)	Downstream Max Vel (m/s)	Downstream Total Flow (m3)
200_008.1	200_009	61	1125	0	1.678	1.170	0.857	1.390	1.710	2502.0	0.970	0.915	1.390	1.606	2502.0
200_009.1	200_010	65	1125	0	1.149	0.970	0.909	1.390	1.615	2502.0	0.870	0.822	1.390	1.786	2502.0
200_010.1	200_011	89	1425	0	2.088	0.870	0.822	1.395	1.464	2511.2	0.740	0.788	1.395	1.542	2511.2
200_011.1	200_012	65	1425	0	2.143	0.740	0.787	1.438	1.591	2588.2	0.640	0.727	1.438	1.758	2588.2
200_012.1	200_013	19	1425	0	2.171	0.640	0.727	1.612	1.971	2900.9	0.610	0.683	1.612	2.135	2900.9
200_013.1	-1	7	1425	0	2.065	0.610	0.682	1.612	2.137	2900.9	0.600	0.662	1.612	2.223	2900.9

+ after total flow indicates a pipe/channel surcharged by flow and depth at that end.
x after total flow indicates a pipe/channel surcharged by depth only at that end.

NOTE :
  (i) maximum elevations, depths, volumes, velocities and discharges are selected from the values at each
      time increment and will be in general more extreme than the maximum values in the hydrograph files.
 (ii) maximum elevations, velocities and discharges are not necessarily calculated at the same time.
(iii) max. velocity is not calculated for a pipe if either the water level does not exceed 5% of the pipe depth or
      the discharge is less than 0.001 m3/s.

End of run 1 mins (elapsed) Produced on 4/ 9/20 1 Last page

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