

## 6. sz. melléklet: Output fájlok

### Statikus output fájl

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RUN TITLE:

INPUT DATA FOR ELEMENT      1
=====
NU:      0
W:      2.00 M      XL:      20.00 M      S:      .00
MANN:    .000      FMIN:    .00 MM/HR      G:    100.00 MM
POR:     .51      THI:     .50      THMX:    .50
ROC:     .00      RECS:    10.00 MM      DINTR:  .00 MM
DEPNO:   .00      RS:      .0      RFR:    10.000 %
ZLR:     .00      RILLW:   .00 M      RILLD:  .00 M
COVER:   .60      SHAPE:   1      PANG:    .00 o
PBASE:   .00      PHEIG:   1.00 M      D50:   125.00 um
EROD:    1.60 G/J  SPLTX:   2.00      COH:    5.00 KPA
RHOS:    2.65kgm3  PAVE:   .00      SIGMA:  1.00
SIR:     .100      DERO:   3.00 m
Derived parameters:  MN(IR):  .107  SurfStor: .000019 mm

EROSION SUMMARY
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GROSS INTERRILL EROSION      292.484 kg    73.121 t/ha

NET EROSION/DEPOSITION      291.101 kg    72.775 t/ha
(a minus denotes deposition)

HYDROLOGY SUMMARY, ELEMENT      1
=====

NET RAINFALL                  = 129.21      (MM)
PEAK RAINFALL RATE            = 99.138      (MM/H)

TIME TO RUNOFF                 = 7.0000      (MIN)
DURATION OF RUNOFF             = 118.00      (MIN)
TIME TO PEAK FLOW RATE         = 103.00      (MIN)
PEAK FLOW RATE                 = 99.138      (MM/H)

TIME TO PEAK SEDIMENT DISCHARGE = 105.00      (MIN)
PEAK SEDIMENT DISCHARGE        = 3.6748      (kg/MIN)

GLOBAL VOLUME BALANCE
=====

TOTAL RAINFALL DEPTH           = 129.210 (MM)

STORAGE REMAINING ON ALL PLANES = .62050 (MM)
STORAGE REMAINING IN CHANNELS+CONDUITS = .00000 (MM)
STORAGE REMAINING IN PONDS      = .00000 (MM)
TOTAL INFILTRATION FROM ALL PLANES = .00000 (MM)
TOTAL INFILTRATION FROM ALL CHANNELS = .00000 (MM)
TOTAL BASIN RUNOFF              = 128.62170 (MM)    5.1449 CU.M.
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TOTAL OF STOR., INFIL. AND RUNOFF TERMS = 129.24220 (MM)

*** GLOBAL VOL. ERROR = -.0249 PERCENT ***
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## Dinamikus output fájl

INPUT PARAMETER FILE: maple.par  
INPUT RAINFALL FILE: maple.pcp

=== DESCRIPTIVE RUN TITLE ===

ELE #	TYPE	VOL. BAL. ERROR %	SED. TOTAL (KGS.)
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1	PLANE	.355E-01	291.101
	.0191 mm Inactive Storage Capacity on plane		

HYDROGRAPH FOR ELEMENT 1  
CONTRIBUTING AREA = 40.00 SQ. METER OR .0040 HECTARES

Time (MIN)	Rain (mm/h)	Q (M3/Min)	Q (MM/H)	CONC.	QS (KG/MIN)
.00	.00	.00000	.000	.00000000	.0000
1.00	.00	.00000	.000	.00000000	.0000
2.00	.00	.00000	.000	.00000000	.0000
3.00	.00	.00000	.000	.00000000	.0000
4.00	.00	.00000	.000	.00000000	.0000
5.00	.00	.00000	.000	.00000000	.0000
6.00	.00	.00000	.000	.00000000	.0000
7.00	13.76	.00013	.194	.00000000	.0000
8.00	13.76	.00058	.864	.00437927	.6687E-02
9.00	13.76	.00135	2.024	.00967710	.3460E-01
10.00	13.76	.00238	3.570	.01335402	.8422E-01
11.00	13.76	.00363	5.443	.01585693	.1525
12.00	13.76	.00513	7.693	.01779039	.2418
13.00	13.76	.00672	10.081	.01899716	.3383
14.00	13.76	.00796	11.933	.01968426	.4150
15.00	13.76	.00865	12.975	.02009507	.4606
16.00	13.76	.00897	13.451	.02030094	.4824
17.00	13.76	.00910	13.644	.02039121	.4915
18.00	13.76	.00915	13.718	.02042730	.4950
19.00	13.76	.00916	13.745	.02044096	.4964
20.00	13.76	.00917	13.755	.02044597	.4968
21.00	34.59	.01090	16.357	.02044769	.5909
22.00	34.59	.01389	20.832	.02018905	.7430
23.00	34.59	.01681	25.221	.02105316	.9381
24.00	34.59	.01954	29.315	.02164713	1.121
25.00	34.59	.02151	32.259	.02189527	1.248
26.00	34.59	.02249	33.736	.02209065	1.317
27.00	34.59	.02287	34.312	.02221159	1.346
28.00	34.59	.02300	34.507	.02226603	1.357
29.00	34.59	.02305	34.568	.02228610	1.361
30.00	34.59	.02306	34.586	.02229273	1.362
31.00	34.59	.02306	34.592	.02229479	1.362
32.00	34.59	.02306	34.593	.02229541	1.363
33.00	34.59	.02306	34.594	.02229559	1.363
34.00	34.59	.02306	34.594	.02229564	1.363
35.00	50.21	.02509	37.642	.02229565	1.483
36.00	50.21	.02791	41.860	.02178488	1.611
37.00	50.21	.03032	45.481	.02195442	1.764

38.00	50.21	.03211	48.158	.02210777	1.881
39.00	50.21	.03302	49.536	.02217279	1.940
40.00	50.21	.03335	50.022	.02224756	1.966
41.00	50.21	.03344	50.161	.02228726	1.975
42.00	50.21	.03346	50.197	.02230151	1.978
43.00	50.21	.03347	50.206	.02230571	1.978
44.00	50.21	.03347	50.208	.02230682	1.979
45.00	50.21	.03347	50.208	.02230709	1.979
46.00	50.21	.03347	50.208	.02230716	1.979
47.00	50.21	.03347	50.208	.02230718	1.979
48.00	50.21	.03347	50.208	.02230718	1.979
49.00	62.12	.03546	53.187	.02230718	2.096
50.00	62.12	.03777	56.648	.02190432	2.192
51.00	62.12	.03959	59.392	.02193218	2.301
52.00	62.12	.04076	61.142	.02198720	2.375
53.00	62.12	.04124	61.857	.02201699	2.406
54.00	62.12	.04137	62.056	.02205951	2.418
55.00	62.12	.04140	62.103	.02207921	2.422
56.00	62.12	.04141	62.113	.02208532	2.423
57.00	62.12	.04141	62.115	.02208690	2.424
58.00	62.12	.04141	62.115	.02208726	2.424
59.00	62.12	.04141	62.115	.02208734	2.424
60.00	62.12	.04141	62.115	.02208735	2.424
61.00	62.12	.04141	62.115	.02208736	2.424
62.00	62.12	.04141	62.115	.02208736	2.424
63.00	79.66	.04499	67.487	.02208736	2.633
64.00	79.66	.04854	72.813	.02151028	2.767
65.00	79.66	.05117	76.753	.02147818	2.912
66.00	79.66	.05258	78.875	.02150590	2.997
67.00	79.66	.05300	79.504	.02153450	3.025
68.00	79.66	.05309	79.638	.02158245	3.036
69.00	95.15	.05709	85.628	.02159984	3.268
70.00	95.15	.06025	90.372	.02112423	3.373
71.00	95.15	.06236	93.533	.02105019	3.478
72.00	95.15	.06326	94.886	.02104720	3.528
73.00	95.15	.06341	95.108	.02106564	3.540
74.00	95.15	.06343	95.141	.02109942	3.546
75.00	95.15	.06343	95.145	.02111059	3.548
76.00	95.15	.06343	95.146	.02111324	3.549
77.00	95.15	.06343	95.146	.02111378	3.549
78.00	95.15	.06343	95.146	.02111389	3.549
79.00	95.15	.06343	95.146	.02111390	3.549
80.00	95.15	.06343	95.146	.02111391	3.549
81.00	95.15	.06343	95.146	.02111391	3.549
82.00	95.15	.06343	95.146	.02111391	3.549
83.00	95.15	.06343	95.146	.02111391	3.549
84.00	95.15	.06343	95.146	.02111391	3.549
85.00	95.15	.06343	95.146	.02111391	3.549
86.00	95.15	.06343	95.146	.02111391	3.549
87.00	95.15	.06343	95.146	.02111391	3.549
88.00	95.15	.06343	95.146	.02111391	3.549
89.00	95.15	.06343	95.146	.02111391	3.549
90.00	95.15	.06343	95.146	.02111391	3.549
91.00	95.15	.06343	95.146	.02111391	3.549
92.00	95.15	.06343	95.146	.02111391	3.549
93.00	95.15	.06343	95.146	.02111391	3.549
94.00	95.15	.06343	95.146	.02111391	3.549
95.00	99.14	.06451	96.762	.02111391	3.609
96.00	99.14	.06533	97.991	.02099557	3.635
97.00	99.14	.06585	98.772	.02097031	3.659
98.00	99.14	.06606	99.087	.02096667	3.670

99.00	99.14	.06609	99.131	.02097065	3.673
100.00	99.14	.06609	99.137	.02097857	3.674
101.00	99.14	.06609	99.138	.02098101	3.675
102.00	99.14	.06609	99.138	.02098158	3.675
103.00	99.14	.06609	99.138	.02098170	3.675
104.00	99.14	.06609	99.138	.02098172	3.675
105.00	99.14	.06609	99.138	.02098172	3.675
106.00	99.14	.06609	99.138	.02098172	3.675
107.00	99.14	.06609	99.138	.02098172	3.675
108.00	99.14	.06609	99.138	.02098172	3.675
109.00	99.14	.06609	99.138	.02098172	3.675
110.00	99.14	.06609	99.138	.02098172	3.675
111.00	99.14	.06609	99.138	.02098172	3.675
112.00	99.14	.06609	99.138	.02098172	3.675
113.00	99.14	.06609	99.138	.02098172	3.675
114.00	99.14	.06609	99.138	.02098172	3.675
115.00	99.14	.06609	99.138	.02098172	3.675
116.00	99.14	.06609	99.138	.02098172	3.675
117.00	99.14	.06609	99.138	.02098172	3.675
118.00	99.14	.06609	99.138	.02098172	3.675
119.00	99.14	.06609	99.138	.02098172	3.675
120.00	99.14	.06609	99.138	.02098172	3.675
121.00	.00	.04137	62.062	.02098172	2.301
122.00	.00	.02566	38.496	.02422257	1.647
123.00	.00	.01598	23.971	.02461085	1.042
124.00	.00	.00964	14.456	.02247927	.5741
125.00	.00	.00624	9.353	.02056326	.3398

TIME TO PEAK FLOW RATE = 103.00 (MIN)  
 PEAK FLOW RATE = 99.138 (MM/H)

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 TOTAL RAINFALL DEPTH = 129.210 (MM)

\*\*\*\* EVENT SUMMARY \*\*\*\*

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GLOBAL VOLUME BALANCE  
 VALUES ARE IN UNITS OF LENGTH (VOL./BASIN AREA)

BASIN AREA = 40.000000 (M\*\*2)

STORAGE REMAINING ON ALL PLANES	=	.62050 (MM)	
STORAGE REMAINING IN CHANNELS+CONDUITS	=	.00000 (MM)	
STORAGE REMAINING IN PONDS	=	.00000 (MM)	
TOTAL INFILTRATION FROM ALL PLANES	=	.00000 (MM)	
TOTAL INFILTRATION FROM ALL CHANNELS	=	.00000 (MM)	
TOTAL BASIN RUNOFF	=	128.62170 (MM)	5.1449 CU.M.

-----  
 TOTAL OF STOR., INFIL. AND RUNOFF TERMS = 129.24220 (MM)

\*\*\* GLOBAL VOL. ERROR = -.0249 PERCENT \*\*\*

## Kiegészítő output fájl

### EUROSEM AUXILARY OUTPUT =====

The following is a key to descriptors and error messages which may appear in this file.

#### Errors

INPUT PARAMETER FILE: maple.par  
INPUT RAINFALL FILE: maple.pcp

#### === DESCRIPTIVE RUN TITLE ===

\*\*\* PLANE NO. 1 DIAGNOSTIC INFORMATION \*\*\*  
stocap(m): .000019

Downslope flow distance divided into 5 nodes 5.00 m apart.

#### INTERCEPTION DATA FOR ELEMENT 1

##### ALL DATA EXPRESSED AS MM PER TIME DEPTH PAIR

TIME MIN	RAIN MM	TFALL MM	DRIP MM	STEM MM	VEGSTORE MM	ERROR %
7.	.000	.000	.000	.000	.00000	.00000
20.	3.190	1.276	1.914	.000	.00000	.00000
34.	8.020	3.208	4.812	.000	.00000	.00000
48.	11.640	4.656	6.984	.000	.00000	.00000
62.	14.390	5.756	8.634	.000	.00000	.00000
68.	7.780	3.112	4.668	.000	.00000	.00000
94.	41.230	16.492	24.738	.000	.00000	.00000
120.	42.960	17.184	25.776	.000	.00000	.00000
130.	.000	.000	.000	.000	.00000	.00000
0.	.000	.000	.000	.000	.00000	.00000

#### RAINFALL HYETOGRAPH FOR PLANE NO. 1

(AFTER INTERCEPTION REMOVED) TIME (MIN)	INTENSITY (MM/HR)	Kinetic Energy (J/m2/mm) Rain	Leaf Drip
.0	.00	.000	.000
6.5	13.76	12.431	5.958
20.4	34.59	15.543	5.958
34.3	50.21	16.801	5.958
48.2	62.12	17.519	5.958
62.1	79.66	18.359	5.958
68.0	95.15	18.959	5.958
94.0	99.14	19.098	5.958
120.0	.00	.000	.000
130.0	.00	.000	.000

THE RAIN GAGE FOR PLANE 1 IS GAGE NO. 1  
PPCT. WEIGHT IS 1.00 INTERCEPTION IS .00 (MM)

Surface contains no explicit rills

INtRill eros, susp, sedout, and Bal. (m\*3):  
-.11037 .00044 .00000 -.10993

Rill eros, susp, sedout, and Bal. (m\*3):  
.00000 .00000 .10985 .10985

GEOM. PARAMETERS ARE L= 20.0 W= 2.0 S= .1000

ROUGHNESS: MANNINGS N= .107

IMPERVIOUS PLANE

EROSION PARAMETERS ARE ---

D50= 125. RHOS= 2.65 POR= .51 PAVE.FAC.= .000

ACCUMUL. SURFACE DEPOSIT. OR EROSION (NEG.) AT EACH NODE (m.)

.00000 -.89795E-02 -.12222E-01 -.12256E-01 -.11592E-01

\*\*\*\* WATER BALANCE AT END OF PLANE \*\*\*\*

<INFLOW BASED ON (PPT\*GAGE WT) - INTER. + RUNON>

INFLOW= .517E+01 OUTFLOW= .514E+01 STOR.= .248E-01 ERROR= .355E-01 %

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