

SOLUCIÓN A

[TITLE]									
SOLUCIÓN A									
[OPTIONS]									
FLOW_UNITS									
INFILTRATION									
FLOW_ROUTING									
DYNWAVE									
START_DATE									
11/24/2015									
START_TIME									
00:00:00									
REPORT_START_DATE									
11/24/2015									
REPORT_START_TIME									
00:00:00									
END_DATE									
11/24/2015									
END_TIME									
06:00:00									
SWEEP_START									
01/01									
SWEEP_END									
12/31									
DRY_DAYS									
0									
REPORT_STEP									
00:01:00									
WET_STEP									
00:01:00									
DRY_STEP									
01:00:00									
ROUTING_STEP									
0:00:10									
ALLOW_PONDING									
NO									
INERTIAL_DAMPING									
NONE									
VARIABLE_STEP									
0.75									
LENGTHENING_STEP									
0									
MIN_SURFAREA									
1.14									
NORMAL_FLOW_LIMITED									
BOTH									
SKIP_STEADY_STATE									
NO									
FORCE_MAIN_EQUATION									
H-W									
LINK_OFFSETS									
ELEVATION									
MIN_SLOPE									
0									
[EVAPORATION]									
::Type Parameters									
:;-----									
CONSTANT 0.0									
DRY_ONLY NO									
[RAINGAGES]									
:;	Rain	Time	Snow	Data					
:;	Type	Intvl	Catch	Source					
:;-----	-----								
LLUVIA_T10	VOLUME	0:01	1.0	1.0	TIMESERIES_LLUVIA_T10				
LLUVIA_T05	VOLUME	0:01	1.0	1.0	TIMESERIES_LLUVIA_T05				
LLUVIA_T25	VOLUME	0:01	1.0	1.0	TIMESERIES_LLUVIA_T25				
[SUBCATCHMENTS]									
:;						Total	Pc		
:;	Name	Raingage	Outlet	Area	Im				
:;-----	-----								
S4	LLUVIA_T25		16733	0.58	0				
S5	LLUVIA_T25		16737	0.39	0				
S6	LLUVIA_T25		16821	0.43	0				
S7	LLUVIA_T25		16824	0.3	0				
S8	LLUVIA_T25		16831	0.52	0				
S9	LLUVIA_T25		26277	0.42	0				
S10	LLUVIA_T25		16729	0.33	0				
S11	LLUVIA_T25		16741	0.48	0				
S12	LLUVIA_T25		23730	1.11	0				
S13	LLUVIA_T25		16751	0.75	0				
S14	LLUVIA_T25		32398	0.4	0				
S15	LLUVIA_T25		16744	0.4	0				
S16	LLUVIA_T25		16726	1.25	0				
S17	LLUVIA_T25		16717	1.54	0				
S18	LLUVIA_T25		16696	0.43	0				
S19	LLUVIA_T25		16702	0.68	0				
S20	LLUVIA_T25		16711	0.64	0				
S21	LLUVIA_T25		16640	0.32	0				
S22	LLUVIA_T25		16642	0.33	0				
S23	LLUVIA_T25		16673	0.54	0				
S24	LLUVIA_T25		16675	0.53	0				
S25	LLUVIA_T25		16756	0.35	0				
S26	LLUVIA_T25		16763	0.47	0				
S27	LLUVIA_T25		32406	0.56	0				
S28	LLUVIA_T25		16817	0.7	0				
S29	LLUVIA_T25		16813	0.6	0				
S30	LLUVIA_T25		17119	0.75	0				
S31	LLUVIA_T25		16760	0.27	0				
S32	LLUVIA_T25		16680	0.3	0				
S33	LLUVIA_T25		16683	0.42	0				
S34	LLUVIA_T25		16686	0.29	0				
S35	LLUVIA_T25		16669	0.44	0				
S36	LLUVIA_T25		22316	0.79	0				
S37	LLUVIA_T25		16758	0.21	0				
S38	LLUVIA_T25		17373	0.2	0				
S39	LLUVIA_T25		16766	0.21	0				
S40	LLUVIA_T25		16770	0.15	0				
S41	LLUVIA_T25		16688	0.24	0				
S42	LLUVIA_T25		16775	0.07	0				
S43	LLUVIA_T25		16773	0.05	0				
S44	LLUVIA_T25		16653	0.26	0				
S45	LLUVIA_T25		16651	0.32	0				
S46	LLUVIA_T25		16644	0.64	0				
S47	LLUVIA_T25		23719	1.08	0				
S48	LLUVIA_T25		23724	0.95	0				

SOLUCIÓN A

	[SUBAREAS]						
	N-Imperv	N-Perv	S-Imperv	S-Perv	PctZero	RouteTo	PctRouted
LLUVIA_T25	16692	1.2	0	150.00	0.5	0	
LLUVIA_T25	16638	0.84	0	112.00	0.5	0	
LLUVIA_T25	17123	1.21	0	151.25	0.5	0	
LLUVIA_T25	16584	6.18	0	1030.00	0.5	0	
LLUVIA_T25	16543	0.84	0	105.00	0.5	0	
LLUVIA_T25	16547	1.04	0	130.00	0.5	0	
LLUVIA_T25	16559	0.93	0	116.25	0.5	0	
LLUVIA_T25	16578	1.06	0	132.50	0.5	0	
LLUVIA_T25	16516	0.88	0	110.00	0.5	0	
LLUVIA_T25	16568	0.58	0	72.50	0.5	0	
LLUVIA_T25	16573	0.61	0	76.25	0.5	0	
LLUVIA_T25	16582	2.03	0	253.75	0.5	0	
LLUVIA_T25	22265	0.53	0	66.25	0.5	0	
LLUVIA_T25	32380	1.04	0	130.00	0.5	0	
LLUVIA_T25	16588	0.79	0	131.67	0.5	0	
LLUVIA_T25	34670	0.78	0	97.50	0.5	0	
LLUVIA_T25	16606	1	0	125.00	0.5	0	
LLUVIA_T25	16630	0.39	0	48.75	0.5	0	
LLUVIA_T25	16685	0.38	0	54.29	0.5	0	
LLUVIA_T25	16660	0.18	0	22.50	0.5	0	
LLUVIA_T25	16783	0.1	0	12.50	0.5	0	
LLUVIA_T25	16779	0.49	0	61.25	0.5	0	
LLUVIA_T25	16805	0.67	0	83.75	0.5	0	
LLUVIA_T25	16767	0.27	0	33.75	0.5	0	
LLUVIA_T25	16777	0.12	0	15.00	0.5	0	
LLUVIA_T25	16786	0.25	0	31.25	0.5	0	
LLUVIA_T25	27255	0.2	0	25.00	0.5	0	
LLUVIA_T25	27261	0.98	0	122.50	0.5	0	
LLUVIA_T25	27265	0.77	0	110.00	0.5	0	
LLUVIA_T25	n83	4.4	0	628.57	0.5	0	
LLUVIA_T25	PN10	1	0	125.00	0.5	0	
LLUVIA_T25	23733	0.98	0	122.50	0.5	0	
LLUVIA_T25	PN08	1.82	0	364.00	0.5	0	
LLUVIA_T25	PN05	0.5	0	71.43	0.5	0	
LLUVIA_T25	34684	0.27	0	33.75	0.5	0	
LLUVIA_T25	PN01	0.21	0	833.33	0.5	0	
LLUVIA_T25	PN06	0.9	0	128.57	0.5	0	
LLUVIA_T25	22323	1.37	0	171.25	0.5	0	
LLUVIA_T25	22322	0.55	0	110.00	0.5	0	
LLUVIA_T25	22317	0.36	0	45.00	0.5	0	
LLUVIA_T25	16625	1.43	0	286.00	0.5	0	
LLUVIA_T25	16821	0.85	0	141.67	0.5	0	
LLUVIA_T25	16616	0.86	0	107.50	0.5	0	
LLUVIA_T25	16699	0.88	0	110.00	0.5	0	
LLUVIA_T25	34668	0.86	0	238.89	0.5	0	
LLUVIA_T25	34668	0.72	0	180	0.5	0	

SOLUCIÓN A

S48	0.01	0.013	0.05	25	OUTLET
S50	0.01	0.013	0.05	25	OUTLET
S51	0.01	0.013	0.05	25	OUTLET
S52	0.01	0.013	0.05	25	OUTLET
S53	0.01	0.013	0.05	25	OUTLET
S54	0.01	0.013	0.05	25	OUTLET
S55	0.01	0.013	0.05	25	OUTLET
S56	0.01	0.013	0.05	25	OUTLET
S57	0.01	0.013	0.05	25	OUTLET
S58	0.01	0.013	0.05	25	OUTLET
S59	0.01	0.013	0.05	25	OUTLET
S60	0.01	0.013	0.05	25	OUTLET
S61	0.01	0.013	0.05	25	OUTLET
S62	0.01	0.013	0.05	25	OUTLET
S63	0.01	0.013	0.05	25	OUTLET
S64	0.01	0.013	0.05	25	OUTLET
S65	0.01	0.013	0.05	25	OUTLET
S66	0.01	0.013	0.05	25	OUTLET
S67	0.01	0.013	0.05	25	OUTLET
S68	0.01	0.013	0.05	25	OUTLET
S69	0.01	0.013	0.05	25	OUTLET
S70	0.01	0.013	0.05	25	OUTLET
S71	0.01	0.013	0.05	25	OUTLET
S72	0.01	0.013	0.05	25	OUTLET
S73	0.01	0.013	0.05	25	OUTLET
S74	0.01	0.013	0.05	25	OUTLET
S75	0.01	0.013	0.05	25	OUTLET
S76	0.01	0.013	0.05	25	OUTLET
S77	0.01	0.013	0.05	25	OUTLET
S78	0.01	0.013	0.05	25	OUTLET
S79	0.01	0.013	0.05	25	OUTLET
S80	0.01	0.013	0.05	25	OUTLET
S81	0.01	0.013	0.05	25	OUTLET
S82	0.01	0.013	0.05	25	OUTLET
S83	0.01	0.013	0.05	25	OUTLET
S84	0.01	0.013	0.05	25	OUTLET
S85	0.01	0.013	0.05	25	OUTLET
S86	0.01	0.013	0.05	25	OUTLET
S87	0.01	0.013	0.05	25	OUTLET
S88	0.01	0.013	0.05	25	OUTLET
S89	0.01	0.013	0.05	25	OUTLET
S95	0.01	0.013	0.05	25	OUTLET
S96	0.01	0.013	0.05	25	OUTLET
S97	0.01	0.013	0.05	25	OUTLET
S49	0.01	0.013	0.05	25	OUTLET
S101	0.01	0.013	0.05	25	OUTLET
S102	0.01	0.013	0.05	25	OUTLET

SOLUCIÓN A

S47	79.00	8	4
S48	78.00	8	4
S50	94.00	8	4
S51	94.00	8	4
S52	94.00	8	4
S53	87.00	8	4
S54	94.00	8	4
S55	94.00	8	4
S56	94.00	8	4
S57	94.00	8	4
S58	94.00	8	4
S59	94.00	8	4
S60	94.00	8	4
S61	87.00	8	4
S62	94.00	8	4
S63	94.00	8	4
S64	94.00	8	4
S65	94.00	8	4
S66	94.00	8	4
S67	94.00	8	4
S68	94.00	8	4
S69	94.00	8	4
S70	94.00	8	4
S71	94.00	8	4
S72	94.00	8	4
S73	94.00	8	4
S74	94.00	8	4
S75	94.00	8	4
S76	94.00	8	4
S77	94.00	8	4
S78	78.00	8	4
S79	43.00	8	4
S80	94.00	8	4
S81	94.00	8	4
S82	94.00	8	4
S83	94.00	8	4
S84	94.00	8	4
S85	94.00	8	4
S86	89.00	8	4
S87	94.00	8	4
S88	70.00	8	4
S89	94.00	8	4
S95	94.00	8	4
S96	90.00	8	4
S97	94.00	8	4
S49	78.00	8	4
S101	94.00	8	7
S102	94.00	8	7

[INFILTRATION]

;;Subcatchment

CurveNum

HydCon

DryTime

S4

94.00

8

4

S5

94.00

8

4

S6

94.00

8

4

S7

94.00

8

4

S8

94.00

8

4

S9

94.00

8

4

S10

70.00

8

4

S11

94.00

8

4

S12

94.00

8

4

S13

94.00

8

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S14

94.00

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S15

94.00

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S16

94.00

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S17

94.00

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S18

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S19

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S20

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S21

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S22

94.00

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S23

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S24

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S25

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S26

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S27

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S28

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S29

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S30

94.00

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S31

94.00

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S32

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S33

94.00

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S34

94.00

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S35

94.00

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S36

94.00

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S37

94.00

8

4

S38

70.00

8

4

S39

94.00

8

4

S40

94.00

8

4

S41

94.00

8

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S42

94.00

8

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S43

94.00

8

4

S44

94.00

8

4

S45

94.00

8

4

S46

94.00

8

4

[JUNCTIONS]

;;

;;Name

16582

213.89

3.52

0

0

16583

213.29

4.88

0

0

16679

215.33

1.88

0

0

16680

214.57

2.10

0

0

16768

212.87

2.85

0

0

16770

212.56

2.84

0

0

16805

212.21

2.91

0

16804

212.07

2.51

0

17373

213

SOLUCIÓN A

16682	214.02	0	0	1.95
23733	206.41	0	0	2.57
23732	206.23	0	0	2.60
23731	206.2	0	0	2.58
22328	205.99	0	0	2.79
23374	206.46	0	0	2.31
23736	206.54	0	0	1.68
n83	206.8	0	0	1.2
16624	205.76	0	0	2.71
22319	207.06	0	0	1.75
22320	206.77	0	0	1.85
22321	206.51	0	0	2.04
22323	207.27	0	0	0.79
22324	207.17	0	0	0.93
22325	206.79	0	0	1.09
22326	206.41	0	0	1.82
22322	206.40	0	0	2.20
16627	205.55	0	0	3.45
16625	206.03	0	0	2.40
16626	205.78	0	0	3.03
16838	205.98	0	0	3.00
36034	215.61	0	0	0.92
36035	213.85	0	0	1.04
16686	213.34	0	0	2.06
16660	212.11	0	0	2.74
16783	211.45	0	0	3.71
16688	214.10	0	0	1.30
n124	205.85	0	0	2.20
n126	205.95	0	0	2.21
16787	207.66	0	0	3.88
n129	207.5	0	0	3.20
27254	208.42	0	0	1.50
27255	208.19	0	0	2.03
27256	207.66	0	0	3.33
27263	206.97	0	0	1.09
27264	206.78	0	0	1.19
27265	206.61	0	0	1.41
27266	206.41	0	0	1.74
27267	206.16	0	0	2.21
27262	207.01	0	0	1.22
16790	207.30	0	0	3.07
16788	207.13	0	0	3.23
16789	207.01	0	0	3.20
16791	210.55	0	0	2.94
16777	211.97	0	0	2.70
29884	206.5	0	0	1.65
22254	206.54	0	0	1.55
29883	205.74	0	0	2.35
16780	210.97	0	0	3.6
16786	208.98	0	0	2.73
16782	211.69	0	0	3.53
16781	211.60	0	0	3.40
16793	205.79	0	0	2.36
16619	205.63	0	0	2.45
16771	212.50	0	0	2.94
17377	212.8	0	0	2.5
16687	211.75	0	0	3.50
16689	211.74	0	0	3.44
16774	211.6	0	0	3.41
16772	212.88	0	0	2.5
16773	212.59	0	0	2.73
16778	211.01	0	0	3.41
16785	208.52	0	0	3.75
22317	206.80	0	0	1.40
22318	206.75	0	0	1.43
17131	205.93	0	0	2.35
16620	205.97	0	0	2.47
16621	205.61	0	0	2.54
16622	205.86	0	0	2.56
16623	205.60	0	0	2.59
16784	208.54	0	0	3.59
16779	210.93	0	0	3.66
16618	205.79	0	0	2.31
34680	206.62	0	0	1.63
34681	206.37	0	0	1.48
34682	206.22	0	0	1.49
34683	206.07	0	0	1.66
16802	206.95	0	0	0.95
34684	206.05	0	0	1.68
16794	205.84	0	0	2.28
34685	207.71	0	0	0.54
22327	207.03	0	0	1.04
36036	210.96	0	0	1.15
36037	207.79	0	0	1.61
16605	214.85	0	0	1.28
16606	214.57	0	0	1.30
16584	212.66	0	0	5.75
16585	212.61	0	0	5.63
16586	212.41	0	0	5.81
16594	212.61	0	0	5.19
16596	212.70	0	0	4.52
16593	215.36	0	0	2.54
16595	215.01	0	0	2.54
16598	213.44	0	0	2.29

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16599	213.13	0	0	2.46
16587	215.63	0	0	2.56
16588	215.00	0	0	2.67
16589	214.28	0	0	3.05
16597	213.57	0	0	1.91
16611	214.43	0	0	1.30
34668	212.86	0	0	4
34669	211.84	0	0	5.28
34670	211.31	0	0	4.95
34671	211.3	0	0	4.26
34672	211.29	0	0	4.20
34673	210.65	0	0	2.00
34674	210.47	0	0	2.20
16683	214.83	0	0	1.80
16664	214.23	0	0	2.36
22316	213.92	0	0	2.21
16655	213.95	0	0	1.95
16656	213.63	0	0	2.27
16657	213	0	0	2.35
16685	212.77	0	0	0.83
34676	208.30	0	0	4.04
34677	206.91	0	0	2.75
34678	207.1	0	0	1.35
34679	206.82	0	0	1.62
36038	207.61	0	0	0.91
36039	206.98	0	0	1.30
16612	214.3	0	0	1.44
16614	214.18	0	0	1.67
16610	212.33	0	0	3.35
16615	212.20	0	0	3.60
16630	215.13	0	0	1.23
16631	214.69	0	0	1.85
16632	214.15	0	0	1.85
16617	212.73	0	0	3.01
16633	212.19	0	0	3.81
16654	212.04	0	0	4.04
n239	215.40	0	0	1
16616	213.30	0	0	1.50
16607	213.38	0	0	1.77
16609	213.	0	0	2.14
17222	214.54	0	0	1
17221	214.59	0	0	1
16629	215.77	0	0	1.53
16628	214.93	0	0	1.38
16613	214.35	0	0	1.30
16602	213.78	0	0	2.62
16600	213.12	0	0	3.02
16603	212.58	0	0	3.82
16601	212.49	0	0	3.66
16604	212.43	0	0	3.17
17220	212.37	0	0	3.2
16608	215.11	0	0	0.73
17398	214.59	0	0	2.41
17399	214.54	0	0	2.29
16649	216.52	0	0	0.43
17128	216.23	0	0	0.68
16650	215.94	0	0	0.46
17130	215.67	0	0	0.80
16651	215.59	0	0	1.01
16652	215.12	0	0	1.28
16648	215.80	0	0	1.11
17372	214.43	0	0	2.19
16647	214.27	0	0	2.28
16667	215.09	0	0	2.12
17129	216.06	0	0	0.88
16669	215.31	0	0	2.01
23728	215.864	0	0	1.92
16668	215.97	0	0	1.73
16646	214.67	0	0	2.47
16644	215.28	0	0	2.25
16645	214.99	0	0	2.54
16640	215.74	0	0	1.96
16641	215.49	0	0	2.20
16634	215.89	0	0	1.97
16635	215.48	0	0	2.20
16639	216.05	0	0	1.80
16638	216.68	0	0	1.84
16637	215.48	0	0	1.62
16636	214.94	0	0	2.06
n282	215.46	0	0	1
n283	215.54	0	0	1
17371	216.25	0	0	0.90
16659	212.04	0	0	4.40
16643	215.50	0	0	2.15
16856	214.25	0	0	1
16653	213.97	0	0	2.11
32387	214.64	0	0	3.94
32388	214.49	0	0	3.97
32390	214.38	0	0	4.00
16691	215.22	0	0	3.70
n295	214.8	0	0	4
16696	215.067	0	0	3.63
32391	214.20	0	0	4.19
16694	216.08	0	0	2.22

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16695	215.98	2.52	0	0	0
32402	215.63	2.87	0	0	0
16705	215.59	2.84	0	0	0
16855	216	1	0	0	0
17219	213.75	1.51	0	0	0
16666	215.08	1.96	0	0	0
16663	211.78	4.00	0	0	0
16857	213.89	2.55	0	0	0
16662	213.68	2.12	0	0	0
34675	210.22	3.34	0	0	0
16684	214.14	1.70	0	0	0
16572	216.26	1.19	0	0	0
16574	213.67	3.83	0	0	0
16567	213.41	4.19	0	0	0
16573	213.50	4.16	0	0	0
16580	217.02	1.23	0	0	0
16579	215.74	2.22	0	0	0
16578	215.80	2.07	0	0	0
17120	215.61	2.17	0	0	0
16581	213.60	3.60	0	0	0
16575	216.17	1.35	0	0	0
16576	216.07	1.68	0	0	0
16577	216.94	1.55	0	0	0
22262	216.71	0.53	0	0	0
22263	216.668	0.56	0	0	0
22264	216.64	0.56	0	0	0
22265	216.60	0.58	0	0	0
22267	216.66	0.55	0	0	0
22266	216.57	0.68	0	0	0
17121	216.37	0.81	0	0	0
17122	216.023	0.91	0	0	0
17123	215.95	1.83	0	0	0
32373	215.13	2.58	0	0	0
32374	215.00	2.76	0	0	0
32375	215.93	1.67	0	0	0
32376	215.71	2.05	0	0	0
32377	215.42	2.42	0	0	0
32382	215.11	2.26	0	0	0
16690	215.78	2.27	0	0	0
22269	216.35	1.05	0	0	0
16531	215.27	1.72	0	0	0
16532	215.25	1.81	0	0	0
16554	216.33	1.04	0	0	0
16553	216.20	1.18	0	0	0
16555	216.25	0.91	0	0	0
16556	216.07	1.11	0	0	0
16564	215.20	1.89	0	0	0
16563	215.11	1.97	0	0	0
16561	213.75	3.24	0	0	0
16565	213.64	3.38	0	0	0
16560	213.79	3.20	0	0	0
16571	215.37	1.53	0	0	0
16570	215.27	1.63	0	0	0
16569	215.20	1.71	0	0	0
16568	215.12	1.77	0	0	0
16566	214.96	1.92	0	0	0
16518	215.70	1.18	0	0	0
16530	215.27	1.43	0	0	0
16517	215.77	1.24	0	0	0
16516	216.11	1.30	0	0	0
17370	216.26	1.16	0	0	0
16515	216.54	0.76	0	0	0
16519	218.82	0.78	0	0	0
16513	216.61	0.48	0	0	0
16514	216.55	0.60	0	0	0
16557	216.08	0.93	0	0	0
16558	216.02	1.00	0	0	0
16559	215.28	2.45	0	0	0
16551	214.27	3.12	0	0	0
16552	214.08	3.11	0	0	0
16549	214.51	2.80	0	0	0
16550	214.33	3.26	0	0	0
16529	215.56	1.29	0	0	0
16528	215.53	1.14	0	0	0
16527	215.99	0.58	0	0	0
16526	215.58	0.84	0	0	0
16536	215.19	1.27	0	0	0
16537	214.87	1.74	0	0	0
16543	215.41	1.13	0	0	0
16542	215.32	1.25	0	0	0
16538	215.23	1.37	0	0	0
16541	215.62	0.96	0	0	0
16540	215.44	1.13	0	0	0
16545	215.47	1.43	0	0	0
16544	215.26	1.54	0	0	0
16546	215.04	1.75	0	0	0
16547	214.84	2.06	0	0	0
16548	214.77	2.40	0	0	0
16539	215.33	1.23	0	0	0
16524	215.56	0.51	0	0	0
16525	215.52	0.54	0	0	0
16521	215.50	0.60	0	0	0
16522	215.41	0.79	0	0	0
16523	215.33	1.09	0	0	0

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16535	215.24	0.86	0	0	0
16534	215.34	0.75	0	0	0
16533	215.37	0.70	0	0	0
32378	216.31	1	0	0	0
32379	215.67	1.85	0	0	0
32380	215.53	2.17	0	0	0
32381	215.38	2.00	0	0	0
16562	215.059	1.96	0	0	0
22261	216.76	0.47	0	0	0
22268	216.74	0.55	0	0	0
38460	216.25	0.82	0	0	0
16520	216.09	0.90	0	0	0
16678	214.20	2.26	0	0	0
16677	214.07	2.40	0	0	0
16675	213.92	2.25	0	0	0
16676	216.08	0.60	0	0	0
16756	213.23	2.20	0	0	0
16757	212.97	2.54	0	0	0
17376	213.55	2.5	0	0	0
16758	213.76	2.17	0	0	0
16769	213.27	2.70	0	0	0
16815	214.02	1.02	0	0	0
16814	213.92	1.16	0	0	0
16813	213.74	1.47	0	0	0
16811	213.20	2.68	0	0	0
17126	212.63	2.82	0	0	0
16808	212.57	2.80	0	0	0
16810	213.51	2.45	0	0	0
17127	213.96	2.01	0	0	0
16812	213.83	1.43	0	0	0
17119	213.45	1.81	0	0	0
16809	212.87	2.35	0	0	0
16806	212.75	2.59	0	0	0
27259	207.54	1.63	0	0	0
16816	214.12	1.34	0	0	0
16817	213.49	2.10	0	0	0
16818	213.14	3.02	0	0	0
16764	211.52	4.58	0	0	0
16765	211.70	4.47	0	0	0
16819	214.37	2.06	0	0	0
17374	214.33	2.34	0	0	0
17375	214.52	1.68	0	0	0
16759	213.9	2	0	0	0
16760	214.44	1.50	0	0	0
17381	214.27	1	0	0	0
16744	212.12	3.10	0	0	0
16746	212.12	3.30	0	0	0
32389	211.93	3.24	0	0	0
32399	212.55	3.10	0	0	0
32400	212.60	2.75	0	0	0
32401	212.33	2.84	0	0	0
16755	213.05	2.35	0	0	0
16745	212.77	2.46	0	0	0
32403	211.85	4.21	0	0	0
16762	211.83	4.32	0	0	0
17378	212.05	3.54	0	0	0
16763	211.9	3.45	0	0	0
32408	212.34	2.95	0	0	0
32409	212.26	3.07	0	0	0
16761	211.72	4.4	0	0	0
n463	213	2	0	0	0
35068	215.50	0.68	0	0	0
35069	215.22	0.93	0	0	0
n466	216.32	0	0	0	0
16858	216.40	1	0	0	0
16673	214.76	2.68	0	0	0
16674	214.34	2.32	0	0	0
16672	215.42	1.81	0	0	0
16702	215.91	2.30	0	0	0
16715	215.49	2.16	0	0	0
16716	215.13	2.40	0	0	0
16717	214.72	3.00	0	0	0
16714	216.16	2.20	0	0	0
16719	215.03	3.00	0	0	0
16728	216.45	0.98	0	0	0
16727	216.07	1.32	0	0	0
16726	215.55	1.70	0	0	0
16700	216.59	1.42	0	0	0
16701	216.55	1.10	0	0	0
16725	215.28	1.57	0	0	0
16729	214.43	1.65	0	0	0
16730	213.95	2.55	0	0	0
16738	215.32	1.27	0	0	0
16739	213.29	2.34	0	0	0
16740	212.82	1.94	0	0	0
23722	215.95	0.69	0	0	0
23723	215.72	0.78	0	0	0
16718	214.47	3.13	0	0	0
16712	214.90	3.38	0	0	0
16708	214.13	4.59	0	0	0
16859	213.71	3.79	0	0	0
16721	213.64	3.66	0	0	0
32394	213.62	4.74	0	0	0
32395	213.21	4.74	0	0	0

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C10	16559	16550	30.67	0.013
C11	16554	16553	14.04	0.013
C12	16553	16551	18.16	0.013
C13	16555	16556	18.66	0.013
C14	16556	16552	17.80	0.013
C15	16543	16542	16.18	0.013
C16	16542	16538	20.57	0.013
C17	16545	16544	17.42	0.013
C18	16544	16538	14.45	0.013
C19	16541	16540	17.81	0.013
C20	16540	16539	16.49	0.013
C21	16539	16538	17.37	0.013
C22	16538	16537	18.12	0.013
C23	16529	16528	17.78	0.013
C24	16527	16526	17.56	0.013
C25	16533	16534	17.92	0.013
C26	16534	16535	15.70	0.013
C27	16535	16536	44.97	0.013
C28	16536	16537	29.83	0.013
C29	16537	16546	21.36	0.013
C30	16546	16547	23.35	0.013
C31	16547	16548	25.01	0.013
C32	16548	16549	27.08	0.013
C33	16549	16550	23.97	0.013
C34	16550	16551	29.92	0.013
C35	16551	16552	27.50	0.013
C36	16552	16560	22.34	0.013
C37	38460	16520	8.83	0.013
C38	16519	16520	22.94	0.013
C39	16520	16521	45.94	0.013
C40	16524	16525	17.74	0.013
C41	16525	16521	15.27	0.013
C42	16521	16522	20.63	0.013
C43	16526	16522	15.02	0.013
C44	16528	16523	15.86	0.013
C45	16522	16523	21.11	0.013
C46	16523	16530	26.84	0.013
C47	16513	16514	16.45	0.013
C48	16514	16515	18.23	0.013
C49	16515	17370	21.92	0.013
C50	17370	16516	20.11	0.013
C51	16516	16517	24.92	0.013
C52	16517	16518	20.28	0.013
C53	16518	16530	24.04	0.013
C54	16530	16531	17.17	0.013
C55	16531	16532	19.61	0.013
C56	16532	16564	17.51	0.013
C57	16564	16563	18.02	0.013
C58	16563	16562	26.14	0.013
C59	16562	16560	29.18	0.013
C60	16560	16561	1.99	0.013
C61	16560	16570	21.63	0.013
C62	16571	16570	17.06	0.013
C63	16570	16569	13.20	0.013
C64	16569	16568	10.49	0.013
C65	16568	16566	29.93	0.013
C66	16566	16562	47.42	0.013
C67	16572	16574	28.80	0.013
C68	16561	16565	64.52	0.013
C69	16565	16567	6.02	0.013
C70	16567	16573	13.65	0.013
C71	16573	16574	25.11	0.013
C72	16574	16581	48.00	0.013
C73	16581	16582	79.15	0.013
C74	16582	16583	35.28	0.013
C75	16583	16584	41.27	0.013
C76	16584	16585	35.40	0.013
C77	16585	16586	32.91	0.013
C78	16586	16594	35.15	0.013
C79	16594	16596	34.27	0.013
C80	16596	16603	7.91	0.013
C81	16603	16601	29.71	0.013
C82	16601	16604	11.51	0.013
C83	16604	17220	20.80	0.013
C84	17220	16610	37.00	0.013
C85	16610	16615	17.89	0.013
C86	16615	16633	46.89	0.013
C87	16633	16654	54.02	0.013
C88	16654	16659	6.98	0.013
C89	22261	22262	13.29	0.013
C90	22262	22263	6.59	0.013
C91	22263	22264	6.59	0.013
C92	22264	22265	12.83	0.013
C93	22265	22266	18.38	0.013
C94	22266	22267	28.69	0.013
C95	22267	22266	10.95	0.013
C96	22266	22269	7.81	0.013
C97	22269	22375	5.80	0.013
C98	22375	22376	31.73	0.013
C99	22376	22377	34.14	0.013
C100	17121	17122	7.75	0.013
C101	17122	17123	16.71	0.013
C102	17123	22373	3.74	0.013
C103	22373	22374	6.45	0.013
C104	22377	22374	13.11	0.013

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C105	32378	32379	27.74	0.013	*	*		0	0
C106	32379	32380	37.59	0.013	*	*		0	0
C107	32380	32381	42.15	0.013	*	*		0	0
C108	32381	32382	43.34	0.013	*	*		0	0
C109	32382	32374	54.10	0.013	*	*		0	0
C110	32374	32385	34.88	0.013	*	*		0	0
C111	32384	2.51	0.013	0.013	*	*		0	0
C112	32384	17124	70.13	0.013	*	*		0	0
C113	17124	16991	31.03	0.013	*	*		0	0
C114	16991	16696	50.37	0.013	*	*		0	0
C115	16696	32388	5.73	0.013	*	*	214.63	0	0
C116	16693	16692	48.41	0.013	*	*		0	0
C117	16692	16691	64.07	0.013	*	*	215.42	0	0
C118	16700	16699	50.30	0.013	*	*		0	0
C119	16699	16697	50.91	0.013	*	*		0	0
C120	16697	16696	50.37	0.013	*	*		0	0
C121	16701	16702	50.44	0.013	*	*	215.17	0	0
C122	16702	16703	48.51	0.013	*	*	216.005	0	0
C123	16703	16704	43.51	0.013	*	*	215.57	0	0
C124	16698	16703	56.03	0.013	*	*	214.74	0	0
C125	36081	16710	25.58	0.013	*	*	216.089	0	0
C126	16710	16711	20.76	0.013	*	*		0	0
C127	16713	16711	56.81	0.013	*	*		0	0
C128	16711	16712	56.50	0.013	*	*		0	0
C129	16712	16707	50.01	0.013	*	*	214.21	0	0
C130	16715	16716	26.49	0.013	*	*		0	0
C131	16716	16717	57.97	0.013	*	*		0	0
C132	16717	16718	26.87	0.013	*	*		0	0
C133	16714	16719	46.70	0.013	*	*		0	0
C134	16719	16717	25.80	0.013	*	*		0	0
C135	16718	16859	27.47	0.013	*	*	214.18	0	0
C136	23719	23720	17.09	0.013	*	*		0	0
C137	23720	23721	55.56	0.013	*	*		0	0
C138	23721	23725	45.35	0.013	*	*		0	0
C139	23722	23723	25.84	0.013	*	*	215.77	0	0
C140	23723	23724	52.75	0.013	*	*		0	0
C141	23724	23725	51.26	0.013	*	*	215.27	0	0
C142	23725	23726	8.24	0.013	*	*		0	0
C143	23726	23727	17.55	0.013	*	*		0	0
C144	23727	16861	19.73	0.013	*	*		0	0
C145	16861	16731	22.37	0.013	*	*		0	0
C146	16731	16729	38.60	0.013	*	*		0	0
C147	16728	16727	12.76	0.013	*	*	216.16	0	0
C148	16727	16726	38.58	0.013	*	*		0	0
C149	16726	16725	23.06	0.013	*	*		0	0
C150	16725	16729	41.78	0.013	*	*	214.58	0	0
C151	16729	16730	33.95	0.013	*	*		0	0
C152	16730	16734	60.62	0.013	*	*		0	0
C153	16732	16733	40.36	0.013	*	*		0	0
C154	16733	16734	45.35	0.013	*	*	213.56	0	0
C155	16820	16737	41.93	0.013	*	*		0	0
C156	16737	16736	48.20	0.013	*	*	212.88	0	0
C157	16734	16735	18.92	0.013	*	*	213.3	0	0
C158	16735	16736	21.09	0.013	*	*		0	0
C159	16822	16821	51.60	0.013	*	*	213.007	0	0
C160	16821	16743	41.56	0.013	*	*	212.70	0	0
C161	16736	16743	40.11	0.013	*	*		0	0
C162	16823	16824	48.28	0.013	*	*		0	0
C163	16824	16825	44.36	0.013	*	*		0	0
C164	16835	16834	6.09	0.013	*	*		0	0
C165	16834	16833	43.11	0.013	*	*		0	0
C166	16833	16832	11.86	0.013	*	*		0	0
C167	16832	16831	7.62	0.013	*	*		0	0
C168	16831	16830	19.58	0.013	*	*		0	0
C169	16830	16829	18.66	0.013	*	*		0	0
C170	16829	16828	36.94	0.013	*	*		0	0
C171	26277	16836	49.94	0.013	*	*	214.09	0	0
C172	16836	16837	46.20	0.013	*	*		0	0
C180	16743	23729	16.50	0.013	*	*		0	0
C181	30176	23730	39.45	0.013	*	*	214.21	0	0
C182	23730	23729	32.54	0.013	*	*	212.75	0	0
C183	23729	16742	45.09	0.013	*	*	212.59	0	0
C184	17125	16753	20.21	0.013	*	*		0	0
C185	16753	16754	23.10	0.013	*	*		0	0
C186	16754	16742	17.74	0.013	*	*	213.55	0	0
C187	16738	16739	19.20	0.013	*	*	212.61	0	0
C188	16739	16740	35.14	0.013	*	*	213.48	0	0
C189	16740	16741	32.89	0.013	*	*		0	0
C190	16741	16742	54.50	0.013	*	*		0	0
C191	16742	16746	45.83	0.013	*	*		0	0
C192	16749	16751	60.43	0.013	*	*		0	0
C193	16751	16746	94.11	0.013	*	*		0	0
C194	17381	16744	35.84	0.013	*	*	212.49	0	0
C195	32410	32398	48.68	0.013	*	*	212.3	0	0
C196	30910	16747	55.40	0.013	*	*	214.08	0	0
C197	16747	16748	46.46	0.013	*	*		0	0
C198	16748	32404	6.16	0.013	*	*	213.25	0	0
C199	32404	32405	19.35	0.013	*	*		0	0
C200	32405	32406	20.41	0.013	*	*		0	0
C201	32406	32407	41.97	0.013	*	*		0	0
C202	32407	32408	32.61	0.013	*	*		0	0
C203	32408	32409	28.76	0.013	*	*		0	0
C204	16816	16817	41.05	0.013	*	*	213.73	0	0
C205	16817	16818	54.42	0.013	*	*		0	0

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C206	16819	43.98	0.013	*	207.76	213.40	0	0	C329	32387	32388	51.17	0.013	*
C207	16815	24.02	0.013	*		*	0	0	C330	32388	32390	43.79	0.013	*
C208	16814	28.51	0.013	*		213.83	0	0	C331	32390	32391	29.60	0.013	*
C209	16813	47.97	0.013	*		*	0	0	C332	32391	32392	32.09	0.013	*
C210	16811	51.32	0.013	*		*	0	0	C333	32392	32393	24.70	0.013	*
C211	17126	2.89	0.013	*		*	0	0	C334	32393	32394	31.86	0.013	*
C212	16810	42.38	0.013	*		212.67	0	0	C335	32394	32395	46.24	0.013	*
C213	16808	33.99	0.013	*		*	0	0	C336	32395	32396	38.93	0.013	*
C214	16807	34.60	0.013	*		211.52	0	0	C337	32396	32397	34.45	0.013	*
C215	17380	40.69	0.013	*		211.35	0	0	C338	32397	32398	34.26	0.013	*
C216	17380	12.04	0.013	*		*	0	0	C339	32398	32399	29.50	0.013	*
C217	16812	31.60	0.013	*		*	0	0	C340	32399	32400	43.87	0.013	*
C218	17119	33.27	0.013	*		213.20	0	0	C341	32400	32401	29.55	0.013	*
C219	16809	30.81	0.013	*		*	0	0	C342	32401	32389	30.17	0.013	*
C220	16806	33.47	0.013	*		*	0	0	C343	32389	16763	12.47	0.013	*
C221	16805	25.15	0.013	*		*	0	0	C345	16765	16765	55.58	0.013	*
C223	16791	42.29	0.013	*		209.33	0	0	C346	16765	16767	39.66	0.013	*
C224	16804	27.20	0.013	*		211.40	0	0	C347	16767	16776	63.82	0.013	*
C225	27257	50.31	0.013	*		*	0	0	C348	16776	16778	24.13	0.013	*
C226	27258	29.65	0.013	*		*	0	0	C351	n295	16704	66.51	0.013	*
C227	27259	9.60	0.013	*		*	0	0	C352	16704	16707	57.25	0.013	*
C228	27260	51.29	0.013	*		*	0	0	C353	16707	16708	41.94	0.013	*
C229	27261	50.07	0.013	*		*	0	0	C354	16708	16859	73.40	0.013	*
C230	27262	43.92	0.013	*		*	0	0	C355	16859	16721	36.22	0.013	*
C231	27263	8.39	0.013	*		*	0	0	C356	32411	n503	20.80	0.013	*
C232	27264	38.42	0.013	*		*	0	0	C357	n503	16721	3.06	0.013	*
C233	27265	44.86	0.013	*		*	0	0	C358	16722	16722	47.78	0.013	*
C234	27266	20.29	0.013	*		206.30	0	0	C359	16722	16744	56.67	0.013	*
C235	27254	14.90	0.013	*		*	0	0	C360	16744	16746	57.42	0.013	*
C236	27256	34.02	0.013	*		*	0	0	C361	16721	32397	4.66	0.013	*
C242	16802	8.84	0.013	*		207.17	0	0	C362	16825	16743	33.44	0.013	*
C244	22317	32.89	0.013	*		*	0	0	C363	16826	16743	51.90	0.013	*
C245	17131	30.80	0.013	*		206.71	0	0	C364	16827	16826	3.15	0.013	*
C246	22324	28.11	0.013	*		*	0	0	C365	16828	16827	14.12	0.013	*
C247	22324	26.85	0.013	*		*	0	0	C366	16837	16827	23.63	0.013	*
C248	22325	16.31	0.013	*		*	0	0	C367	16827	16825	21.04	0.013	*
C249	22320	21.31	0.013	*		*	0	0	C368	16707	32393	5.33	0.013	*
C250	22320	49.36	0.013	*		*	0	0	C369	16642	16709	47.33	0.013	*
C251	22321	29.25	0.013	*		*	0	0	C370	16709	32395	9.79	0.013	*
C252	22322	26.63	0.013	*		206.07	0	0	C371	16745	16745	20.87	0.013	*
C253	22326	31.91	0.013	*		*	0	0	C372	16746	32389	5.64	0.013	*
C254	22322	20.37	0.013	*		*	0	0	C373	32409	16763	16.05	0.013	*
C261	36034	36035	0.013	*		*	0	0	C374	n463	17378	13.84	0.013	*
C262	36035	39.99	0.013	*		*	0	0	C375	16761	16761	48.69	0.013	*
C263	36036	39.74	0.013	*		*	0	0	C376	16761	16764	54.75	0.013	*
C264	36037	20.32	0.013	*		207.76	0	0	C377	16764	16766	39.15	0.013	*
C265	36038	12.35	0.013	*	207.76	207.54	0	0	C378	16766	16775	65.05	0.013	*
C281	34669	38.01	0.013	*		*	0	0	C379	16775	16779	21.41	0.013	*
C282	16587	34.10	0.013	*		*	0	0	C380	16779	16784	34.33	0.013	*
C283	16588	39.30	0.013	*		214.48	0	0	C381	16784	16788	26.92	0.013	*
C284	34669	10.59	0.013	*		213.99	0	0	C382	16789	16789	5.19	0.013	*
C285	34670	33.32	0.013	*		*	0	0	C383	16794	16794	67.52	0.013	*
C286	34671	42.38	0.013	*		*	0	0	C384	16818	16761	39.20	0.013	*
C287	34671	15.91	0.013	*		*	0	0	C385	16858	16673	16.98	0.013	*
C288	34672	41.06	0.013	*		*	0	0	C386	16673	16674	29.30	0.013	*
C289	34673	39.99	0.013	*		*	0	0	C387	16674	16675	37.41	0.013	*
C290	34674	37.40	0.013	*		*	0	0	C388	16675	16756	57.43	0.013	*
C291	34675	54.26	0.013	*		210.15	0	0	C389	16756	16757	18.37	0.013	*
C292	16598	24.28	0.013	*		*	0	0	C390	16761	16761	60.43	0.013	*
C293	16599	34.44	0.013	*		*	0	0	C391	16757	16757	28.27	0.013	*
C294	16599	19.96	0.013	*		*	0	0	C392	16760	16759	37.69	0.013	*
C295	16611	24.68	0.013	*		*	0	0	C393	16759	16758	23.23	0.013	*
C296	16605	25.78	0.013	*		*	0	0	C394	16758	16757	31.35	0.013	*
C297	16606	24.06	0.013	*		*	0	0	C395	16678	16677	33.19	0.013	*
C298	17222	13.49	0.013	*		213.78	0	0	C396	16677	16675	42.48	0.013	*
C299	16607	6.47	0.013	*		*	0	0	C397	16676	16677	12.20	0.013	*
C300	16609	27.35	0.013	*		212.94	0	0	C398	16763	32403	44.55	0.013	*
C301	17221	14.31	0.013	*		*	0	0	C399	32403	16762	3.10	0.013	*
C302	16593	37.99	0.013	*		215.30	0	0	C400	16764	16765	2.75	0.013	*
C303	16595	33.61	0.013	*	213.78	214.15	0	0	C401	35068	35069	18.89	0.013	*
C304	16602	6.57	0.013	*		213.45	0	0	C402	16762	16762	9.97	0.013	*
C305	16600	7.12	0.013	*		213.11	0	0	C403	A1	16859	65.24	0.013	*
C306	17220	34.12	0.013	*		*	0	0	C404	16663	16687	68.70	0.013	*
C307	16628	27.04	0.013	*		*	0	0	C405	16689	16689	46.36	0.013	*
C308	16628	51.35	0.013	*		*	0	0	C406	16689	16782	6.32	0.013	*
C309	16612	12.78	0.013	*		*	0	0	C407	16782	16774	22.60	0.013	*
C310	16616	51.77	0.013	*		*	0	0	C408	16774	16775	5.43	0.013	*
C311	16617	16633	0.013	*		212.67	0	0	C409	16776	16775	2.04	0.013	*
C312	16638	38.31	0.013	*		*	0	0	C410	16778	16785	28.43	0.013	*
C313	16639	45.55	0.013	*		*	0	0	C411	16785	16787	12.52	0.013	*
C314	16640	24.74	0.013	*		*	0	0	C412	16786	16787	10.55	0.013	*
C315	16641	36.48	0.013	*		*	0	0	C413	16769	16768	30.00	0.013	*
C316	16855	17.04	0.013	*		*	0	0	C414	17373	16768	37.65	0.013	*
C317	16694	53.14	0.013	*		*	0	0	C415	17376	16768	38.30	0.013	*
C318	16695	53.01	0.013	*		*	0	0	C416	16768	16770	26.46	0.013	*
C319	32402	26.63	0.013	*		*	0	0	C417	16770	16771	27.80	0.013	*
C320	16705	44.11	0.013	*		*	0	0	C418	16771	16771	17.86	0.013	*
C321	16706	82.30	0.013	*		*	0	0	C419	16771	16783	30.32	0.013	*
C322	16709	59.28	0.013	*		*	0	0	C420	16780	16780	15.97	0.013	*
C323	16720	65.62	0.013	*		*	0	0	C421	16780	16786	37.81	0.013	*
C324	16723	57.80	0.013	*		212.89	0	0	C422	16782	16781	13.84	0.013	*
C325	16745	58.08	0.013	*		*	0	0	C423	16781	16780	14.80	0.013	*
C327	32386	36.51	0.013	*		*	0	0	C424	16772	16773	16.85	0.013	*
C328	32386	39.07	0.013	*		*	0	0	C425	16773	16774	3.93	0.013	*

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32388	51.17	0.013	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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SOLUCIÓN A

C427	16660	56.74	0.013	16783	0.013
C428	16679	48.49	0.013	C536	0
C429	16680	8.01	0.013	C537	0
C430	17374	41.39	0.013	C543	0
C431	17374	6.64	0.013	C544	0
C432	16681	32.40	0.013	C545	0
C433	16682	57.69	0.013	C547	0
C434	16682	51.79	0.013	C548	0
C435	16686	41.56	0.013	C549	0
C436	16684	55.03	0.013	C550	0
C437	16686	34.60	0.013	C551	0
C438	34677	22.87	0.013	C552	0
C439	34678	28.80	0.013	C553	0
C440	34679	47.52	0.013	C554	0
C441	PN06	54.85	0.013	C555	0
C447	16794	2.30	0.013	C556	0
C448	n124	50.25	0.013	C557	0
C449	16618	11.73	0.013	C558	0
C450	16620	38.04	0.013	C559	0
C451	16620	50.35	0.013	C560	0
C452	16622	50.08	0.013	C561	0
C453	16624	53.94	0.013	C562	0
C457	22254	143.60	0.013	C563	0
C461	n126	3.18	0.013	C564	0
C462	16793	46.83	0.013	C565	0
C463	n126	3.81	0.013	C566	0
C464	16787	15.81	0.013	C567	0
C465	n129	7.65	0.013	C568	0
C466	16790	66.89	0.013	C569	0
C467	27267	6.65	0.013	C570	0
C468	16790	2.71	0.013	C571	0
C469	16621	51.15	0.013	C572	0
C470	16623	49.93	0.013	C573	0
C471	16623	50.18	0.013	C574	0
C472	16625	47.07	0.013	C575	0
C473	16838	12.08	0.013	C576	0
C474	16840	23.86	0.013	C577	0
C476	23736	32.61	0.013	C578	0
C477	PN11	49.21	0.013	C579	0
C479	23734	51.96	0.013	C580	0
C480	23732	50.83	0.013	C581	0
C481	23732	27.83	0.013	C582	0
C482	23731	25.19	0.013	C583	0
C483	22328	11.12	0.013	C584	0
C484	16672	34.42	0.013	C585	0
C485	17118	34.19	0.013	C586	0
C486	16665	30.28	0.013	C587	0
C487	16671	24.52	0.013	C588	0
C488	16668	17.56	0.013	C589	0
C489	23728	32.68	0.013	C590	0
C490	16669	24.43	0.013	C591	0
C491	16667	18.13	0.013	C592	0
C492	16666	36.13	0.013	C593	0
C493	16664	38.21	0.013	C594	0
C494	16664	27.35	0.013	C595	0
C495	22316	22.66	0.013	C596	0
C496	16662	16.93	0.013	C597	0
C498	16614	25.58	0.013	C598	0
C499	16614	26.05	0.013	C599	0
C500	16632	40.66	0.013	C600	0
C501	16634	30.02	0.013	C601	0
C502	16635	44.78	0.013	C602	0
C503	16636	24.48	0.013	C603	0
C504	16636	38.58	0.013	C604	0
C505	n282	15.52	0.013	C605	0
C506	n283	3.98	0.013	C606	0
C507	n239	15.85	0.013	C607	0
C508	16630	21.82	0.013	C608	0
C509	16631	37.02	0.013	C609	0
C510	16643	28.62	0.013	C610	0
C511	16644	33.93	0.013	C611	0
C512	17371	76.45	0.013	C612	0
C513	16645	38.39	0.013	C613	0
C514	16646	3.49	0.013	C614	0
C515	17398	13.14	0.013	C616	0
C516	16649	16.35	0.013	C617	0
C517	17128	14.30	0.013	C618	0
C518	17129	16.48	0.013	C619	0
C519	16648	12.55	0.013	C620	0
C520	16650	14.72	0.013	C621	0
C521	17130	13.39	0.013	C622	0
C522	16651	16.47	0.013	C623	0
C523	16652	7.56	0.013	C624	0
C524	17399	18.98	0.013	C626	0
C525	16647	14.25	0.013	C628	0
C526	16647	15.18	0.013	C630	0
C527	16856	34.37	0.013	C631	0
C528	16653	50.70	0.013	C632	0
C529	17219	47.28	0.013	C633	0
C531	16655	1.88	0.013	C634	0
C532	16657	29.20	0.013	C635	0
C533	16685	103.84	0.013	C636	0
C534	16656	23.63	0.013	C637	0
C535	16656	37.78	0.013	C638	0

SOLUCIÓN A

16857	16662	68.77	0.013	*	*
27267	n126	2.12	0.013	*	0
17138	C543	27.14	0.013	*	0
17137	17137	39.11	0.013	*	0
17137	17134	74.23	0.013	205.15	0
16842	16843	25.57	0.013	*	0
16843	17136	32.48	0.013	*	0
17136	17135	49.97	0.013	*	0
16619	16618	3.82	0.013	*	0
16622	16622	3.78	0.013	*	0
32403	16761	3.58	0.013	*	0
16840	16841	7.90	0.013	*	0
16841	16842	74.16	0.013	*	0
n126	29884	7.74	0.013	206.44	0
22254	22254	29.30	0.013	*	0
16627	36051	32.74	0.013	*	0
36051	17132	74.29	0.013	*	0
36041	36042	27.35	0.013	216.92	0
36040	36042	30.66	0.013	215.26	0
36042	36043	39.72	0.013	*	0
36043	36043	15.71	0.013	212.81	211.69
36044	36045	20.35	0.013	*	0
36045	36046	18.04	0.013	208.73	0
36046	36047	46.63	0.013	*	0
36047	36048	39.55	0.013	*	0
36048	36049	39.39	0.013	*	0
36049	36050	21.37	0.013	*	0
36050	36051	31.66	0.013	206.45	0
26276	26276	46.61	0.013	*	0
17132	17132	58.86	0.013	205.75	0
17132	17132	17.17	0.013	206.37	0
36069	36053	17.83	0.013	*	0
36053	36054	12.00	0.013	*	0
36054	36055	19.91	0.013	*	0
36055	36056	18.23	0.013	207.48	0
36056	36057	19.11	0.013	206.74	0
36057	36058	19.78	0.013	*	0
36058	36059	20.04	0.013	*	0
36059	36060	39.86	0.013	*	0
36060	36061	40.33	0.013	*	0
36061	36062	39.95	0.013	*	0
36062	36063	39.90	0.013	*	0
36063	36064	34.85	0.013	*	0
36064	36065	22.03	0.013	*	0
36065	36066	28.23	0.013	205.92	0
36066	36067	37.33	0.013	206.29	0
36067	36052	27.51	0.013	*	0
36067	17134	35.02	0.013	*	0
17133	17133	9.60	0.013	*	0
17133	16844	11.80	0.013	*	0
16844	16845	33.02	0.013	*	0
16845	16849	156.23	0.013	*	0
17139	17139	26.38	0.013	*	0
17141	17141	46.94	0.013	*	0
17143	17143	21.98	0.013	*	0
17144	16848	52.75	0.013	*	0
17144	17145	39.88	0.013	*	0
16862	17146	54.77	0.013	*	0
16863	17147	56.76	0.013	*	0
36052	17147	46.99	0.013	*	0
17140	16864	23.49	0.013	*	0
17140	16850	20.22	0.013	*	0
17142	17159	44.82	0.013	*	0
16847	16851	42.39	0.013	*	0
16848	16851	48.81	0.013	*	0
17145	17157	18.06	0.013	*	0
17145	17156	67.57	0.013	*	0
17146	16854	15.24	0.013	*	0
17147	17153	41.03	0.013	*	0
17147	17152	66.70	0.013	203.38	0
17148	17151	51.48	0.013	*	0
16864	16866	16.77	0.013	*	0
16850	17149	93.12	0.013	*	0
17159	17158	43.80	0.013	*	0
16851	16852	51.87	0.013	*	0
16851	17155	52.00	0.013	*	0
17157	16852	84.04	0.013	*	0
17156	16853	20.12	0.013	*	0
16854	16865	20.12	0.013	202.9	0
17150	36052	4.67	0.013	206.33	0
ns1	16660	64.44	0.013	*	0
B1	A2	41.29	0.013	*	0
A1	A3	25.10	0.013	*	0
A2	PNi	34.59	0.013	*	0
A3	PN01	55.02	0.013	*	0
16788	PN01	52.73	0.013	*	0
PN01	PN02	50.18	0.013	*	0
PN02	PN03	33.09	0.013	*	0
PN03	PN04	32.94	0.013	*	0

SOLUCIÓN A

C639	PN04	PN05	11.12	0.013	*	*
C640	16794	PN05	106.04	0.013	*	*
C641	PN05	PN06	45.45	0.013	*	*
C642	PN1	PN06	63.63	0.013	*	*
C643	PN06	PN07	57.98	0.013	*	*
C644	PN07	PN08	45.31	0.013	*	*
C645	PN08	PN09	52.73	0.013	*	*
C646	PN09	PN10	33.88	0.013	*	*
C647	PN10	PN11	31.28	0.013	*	*
C648	PN11	PN12	38.13	0.010	*	*
C649	PN12	PN13	51.73	0.013	*	*
C650	PN13	PN14	51.77	0.013	*	*
C651	PN14	PN15	53.44	0.013	*	*
C652	PN15	36051	33.87	0.013	*	*
C654	36039	34679	27.28	0.013	*	205.28

[XSECTIONS]

Geom1	Geom2	Geom3	Geom4	Barrels
Shape	Shape	Shape	Shape	Shape
;;Link	;;Link	;;Link	;;Link	;;Link

C1	CIRCULAR	0.3	0	0	0	1
C2	CIRCULAR	0.3	0	0	0	1
C3	CIRCULAR	0.3	0	0	0	1
C4	CIRCULAR	0.3	0	0	0	1
C5	CIRCULAR	0.3	0	0	0	1
C6	CIRCULAR	0.3	0	0	0	1
C7	CIRCULAR	0.3	0	0	0	1
C8	CIRCULAR	0.3	0	0	0	1
C9	CIRCULAR	0.3	0	0	0	1
C10	CIRCULAR	0.3	0	0	0	1
C11	CIRCULAR	0.3	0	0	0	1
C12	CIRCULAR	0.3	0	0	0	1
C13	CIRCULAR	0.3	0	0	0	1
C14	CIRCULAR	0.3	0	0	0	1
C15	CIRCULAR	0.3	0	0	0	1
C16	CIRCULAR	0.3	0	0	0	1
C17	CIRCULAR	0.3	0	0	0	1
C18	CIRCULAR	0.3	0	0	0	1
C19	CIRCULAR	0.3	0	0	0	1
C20	CIRCULAR	0.3	0	0	0	1
C21	CIRCULAR	0.3	0	0	0	1
C22	CIRCULAR	0.3	0	0	0	1
C23	CIRCULAR	0.3	0	0	0	1
C24	CIRCULAR	0.3	0	0	0	1
C25	CIRCULAR	0.3	0	0	0	1
C26	CIRCULAR	0.3	0	0	0	1
C27	CIRCULAR	0.3	0	0	0	1
C28	CIRCULAR	0.3	0	0	0	1
C29	CIRCULAR	0.3	0	0	0	1
C30	CIRCULAR	0.3	0	0	0	1
C31	CIRCULAR	0.3	0	0	0	1
C32	CIRCULAR	0.3	0	0	0	1
C33	CIRCULAR	0.3	0	0	0	1
C34	CIRCULAR	0.3	0	0	0	1
C35	CIRCULAR	0.3	0	0	0	1
C36	CIRCULAR	0.3	0	0	0	1
C37	CIRCULAR	0.3	0	0	0	1
C38	CIRCULAR	0.3	0	0	0	1
C39	CIRCULAR	0.3	0	0	0	1
C40	CIRCULAR	0.3	0	0	0	1
C41	CIRCULAR	0.3	0	0	0	1
C42	CIRCULAR	0.3	0	0	0	1
C43	CIRCULAR	0.3	0	0	0	1
C44	CIRCULAR	0.3	0	0	0	1
C45	CIRCULAR	0.3	0	0	0	1
C46	CIRCULAR	0.3	0	0	0	1
C47	CIRCULAR	0.3	0	0	0	1
C48	CIRCULAR	0.3	0	0	0	1
C49	CIRCULAR	0.3	0	0	0	1
C50	CIRCULAR	0.3	0	0	0	1
C51	CIRCULAR	0.3	0	0	0	1
C52	CIRCULAR	0.3	0	0	0	1
C53	CIRCULAR	0.3	0	0	0	1
C54	CIRCULAR	0.3	0	0	0	1
C55	CIRCULAR	0.3	0	0	0	1
C56	CIRCULAR	0.3	0	0	0	1
C57	CIRCULAR	0.3	0	0	0	1
C58	CIRCULAR	0.3	0	0	0	1
C59	CIRCULAR	0.3	0	0	0	1
C61	CIRCULAR	0.4	0	0	0	1
C62	CIRCULAR	0.3	0	0	0	1
C63	CIRCULAR	0.3	0	0	0	1
C64	CIRCULAR	0.3	0	0	0	1
C65	CIRCULAR	0.3	0	0	0	1
C66	CIRCULAR	0.3	0	0	0	1
C67	CIRCULAR	0.3	0	0	0	1
C68	CIRCULAR	0.6	0	0	0	1
C69	CIRCULAR	0.6	0	0	0	1
C70	CIRCULAR	0.6	0	0	0	1
C71	CIRCULAR	0.6	0	0	0	1
C72	CIRCULAR	0.6	0	0	0	1
C73	CIRCULAR	0.6	0	0	0	1
C74	CIRCULAR	0.6	0	0	0	1
C75	CIRCULAR	0.6	0	0	0	1
C76	CIRCULAR	0.6	0	0	0	1

SOLUCIÓN A

[illegible]

SOLUCIÓN A

[illegible]

C300	CIRCULAR	0.3	0	0
C301	CIRCULAR	0.3	0	0
C302	CIRCULAR	0.3	0	0
C303	CIRCULAR	0.3	0	0
C304	CIRCULAR	0.3	0	0
C305	CIRCULAR	0.3	0	0
C306	CIRCULAR	0.3	0	0
C307	CIRCULAR	0.3	0	0
C308	CIRCULAR	0.3	0	0
C309	CIRCULAR	0.3	0	0
C310	CIRCULAR	0.3	0	0
C311	CIRCULAR	0.3	0	0
C312	CIRCULAR	0.3	0	0
C313	CIRCULAR	0.3	0	0
C314	CIRCULAR	0.3	0	0
C315	CIRCULAR	0.3	0	0
C316	CIRCULAR	0.25	0	0
C317	CIRCULAR	0.4	0	0
C318	CIRCULAR	0.4	0	0
C319	CIRCULAR	0.4	0	0
C320	CIRCULAR	0.4	0	0
C321	CIRCULAR	0.4	0	0
C322	CIRCULAR	0.4	0	0
C323	CIRCULAR	0.4	0	0
C324	CIRCULAR	0.4	0	0
C325	CIRCULAR	0.4	0	0
C327	CIRCULAR	0.8	0	0
C328	CIRCULAR	0.8	0	0
C329	CIRCULAR	0.8	0	0
C330	CIRCULAR	0.8	0	0
C331	CIRCULAR	0.8	0	0
C332	CIRCULAR	0.8	0	0
C333	CIRCULAR	0.8	0	0
C334	CIRCULAR	0.8	0	0
C335	CIRCULAR	0.8	0	0
C336	CIRCULAR	0.8	0	0
C337	CIRCULAR	1	0	0
C338	CIRCULAR	1	0	0
C339	CIRCULAR	1	0	0
C340	CIRCULAR	1	0	0
C341	CIRCULAR	1	0	0
C342	CIRCULAR	1	0	0
C343	CIRCULAR	1.2	0	0
C345	CIRCULAR	0.8	0	0
C346	CIRCULAR	0.8	0	0
C347	CIRCULAR	0.8	0	0
C348	CIRCULAR	0.8	0	0
C351	CIRCULAR	0.45	0	0
C352	CIRCULAR	0.45	0	0
C353	CIRCULAR	0.4	0	0
C354	CIRCULAR	0.4	0	0
C355	CIRCULAR	0.5	0	0
C356	CIRCULAR	0.5	0	0
C357	CIRCULAR	0.5	0	0
C358	CIRCULAR	0.5	0	0
C359	CIRCULAR	0.5	0	0
C360	CIRCULAR	0.5	0	0
C361	CIRCULAR	0.5	0	0
C362	CIRCULAR	0.3	0	0
C363	CIRCULAR	0.4	0	0
C364	CIRCULAR	0.4	0	0
C365	CIRCULAR	0.4	0	0
C366	CIRCULAR	0.3	0	0
C367	CIRCULAR	0.5	0	0
C368	CIRCULAR	0.3	0	0
C369	CIRCULAR	0.4	0	0
C370	CIRCULAR	0.4	0	0
C371	CIRCULAR	0.25	0	0
C372	CIRCULAR	0.5	0	0
C373	CIRCULAR	0.6	0	0
C374	CIRCULAR	0.35	0	0
C375	CIRCULAR	0.6	0	0
C376	CIRCULAR	0.6	0	0
C377	CIRCULAR	0.6	0	0
C378	CIRCULAR	0.6	0	0
C379	CIRCULAR	0.6	0	0
C380	CIRCULAR	0.8	0	0
C381	CIRCULAR	0.8	0	0
C382	CIRCULAR	0.8	0	0
C383	CIRCULAR	0.8	0	0
C384	CIRCULAR	0.35	0	0
C385	CIRCULAR	0.3	0	0
C386	CIRCULAR	0.3	0	0
C387	CIRCULAR	0.3	0	0
C388	CIRCULAR	0.3	0	0
C389	CIRCULAR	0.35	0	0
C390	CIRCULAR	0.35	0	0
C391	CIRCULAR	0.3	0	0
C392	CIRCULAR	0.25	0	0
C393	CIRCULAR	0.35	0	0
C394	CIRCULAR	0.35	0	0
C395	CIRCULAR	0.4	0	0
C396	CIRCULAR	0.4	0	0
C397	CIRCULAR	0.15	0	0

SOLUCIÓN A

C398	1.2	0	0	0	1
C399	1.2	0	0	0	1
C400	0.3	0	0	0	1
C401	0.3	0	0	0	1
C402	0.3	0	0	0	1
C403	0.8	0	0	0	1
C404	0.8	0	0	0	1
C405	0.6	0	0	0	1
C406	0.6	0	0	0	1
C407	0.6	0	0	0	1
C408	0.6	0	0	0	1
C409	0.8	0	0	0	1
C410	0.8	0	0	0	1
C411	0.8	0	0	0	1
C412	0.4	0	0	0	1
C413	0.25	0	0	0	1
C414	0.3	0	0	0	1
C415	0.25	0	0	0	1
C416	0.25	0	0	0	1
C417	0.4	0	0	0	1
C418	0.3	0	0	0	1
C419	0.4	0	0	0	1
C420	0.5	0	0	0	1
C421	0.4	0	0	0	1
C422	0.35	0	0	0	1
C423	0.4	0	0	0	1
C424	0.3	0	0	0	1
C425	0.25	0	0	0	1
C427	0.5	0	0	0	1
C428	0.3	0	0	0	1
C429	0.3	0	0	0	1
C430	0.3	0	0	0	1
C431	0.3	0	0	0	1
C432	0.3	0	0	0	1
C433	0.3	0	0	0	1
C434	0.4	0	0	0	1
C435	0.4	0	0	0	1
C436	0.3	0	0	0	1
C437	0.3	0	0	0	1
C438	0.8	0	0	0	1
C439	0.8	0	0	0	1
C440	0.8	0	0	0	1
C441	0.8	0	0	0	1
C447	0.8	0	0	0	1
C448	0.8	0	0	0	1
C449	0.8	0	0	0	1
C450	0.8	0	0	0	1
C451	0.8	0	0	0	1
C452	0.8	0	0	0	1
C453	0.8	0	0	0	1
C457	0.8	0	0	0	1
C461	0.8	0	0	0	1
C462	0.8	0	0	0	1
C463	0.8	0	0	0	1
C464	0.8	0	0	0	1
C465	0.8	0	0	0	1
C466	0.8	0	0	0	1
C467	0.4	0	0	0	1
C468	0.8	0	0	0	1
C469	0.8	0	0	0	1
C470	0.8	0	0	0	1
C471	0.8	0	0	0	1
C472	0.8	0	0	0	1
C473	0.8	0	0	0	1
C474	0.8	0	0	0	1
C476	0.7	0	0	0	1
C477	0.7	0	0	0	1
C479	0.7	0	0	0	1
C480	0.7	0	0	0	1
C481	0.7	0	0	0	1
C482	0.7	0	0	0	1
C483	0.7	0	0	0	1
C484	0.3	0	0	0	1
C485	0.3	0	0	0	1
C486	0.3	0	0	0	1
C487	0.3	0	0	0	1
C488	0.3	0	0	0	1
C489	0.3	0	0	0	1
C490	0.3	0	0	0	1
C491	0.3	0	0	0	1
C492	0.3	0	0	0	1
C493	0.4	0	0	0	1
C494	0.4	0	0	0	1
C495	0.4	0	0	0	1
C496	0.4	0	0	0	1
C498	0.3	0	0	0	1
C499	0.3	0	0	0	1
C500	0.4	0	0	0	1
C501	0.3	0	0	0	1
C502	0.3	0	0	0	1
C503	0.3	0	0	0	1
C504	0.4	0	0	0	1
C505	0.2	0	0	0	1
C506	0.2	0	0	0	1

SOLUCIÓN A

C507	0.2	0	0	0	1
C508	0.3	0	0	0	1
C509	0.4	0	0	0	1
C510	0.3	0	0	0	1
C511	0.3	0	0	0	1
C512	0.3	0	0	0	1
C513	0.4	0	0	0	1
C514	0.4	0	0	0	1
C515	0.4	0	0	0	1
C516	0.25	0	0	0	1
C517	0.25	0	0	0	1
C518	0.25	0	0	0	1
C519	0.3	0	0	0	1
C520	0.25	0	0	0	1
C521	0.3	0	0	0	1
C522	0.3	0	0	0	1
C523	0.3	0	0	0	1
C524	0.3	0	0	0	1
C525	0.4	0	0	0	1
C526	0.4	0	0	0	1
C527	0.3	0	0	0	1
C528	0.4	0	0	0	1
C529	0.2	0	0	0	1
C531	0.3	0	0	0	1
C532	0.5	0	0	0	1
C533	0.5	0	0	0	1
C534	0.5	0	0	0	1
C535	0.3	0	0	0	1
C536	0.4	0	0	0	1
C537	0.8	0	0	0	1
C543	0.8	0	0	0	1
C544	0.8	0	0	0	1
C545	0.8	0	0	0	1
C547	0.8	0	0	0	1
C548	0.8	0	0	0	1
C549	0.8	0	0	0	1
C550	.5	0	0	0	1
C551	0.5	0	0	0	1
C552	0.6	0	0	0	1
C553	0.8	0	0	0	1
C554	0.8	0	0	0	1
C555	0.8	0	0	0	1
C556	0.8	0	0	0	1
C557	0.8	0	0	0	1
C558	0.8	0	0	0	1
C559	0.4	0	0	0	1
C560	0.4	0	0	0	1
C561	0.4	0	0	0	1
C562	0.4	0	0	0	1
C563	0.4	0	0	0	1
C564	0.4	0	0	0	1
C565	0.4	0	0	0	1
C566	0.4	0	0	0	1
C567	0.4	0	0	0	1
C568	0.4	0	0	0	1
C569	0.4	0	0	0	1
C570	0.3	0	0	0	1
C571	0.3	0	0	0	1
C572	0.2	0	0	0	1
C573	0.4	0	0	0	1
C574	0.4	0	0	0	1
C575	0.4	0	0	0	1
C576	0.4	0	0	0	1
C577	0.4	0	0	0	1
C578	0.4	0	0	0	1
C579	0.4	0	0	0	1
C580	0.4	0	0	0	1
C581	0.4	0	0	0	1
C582	0.4	0	0	0	1
C583	0.4	0	0	0	1
C584	0.4	0	0	0	1
C585	0.4	0	0	0	1
C586	0.4	0	0	0	1
C587	0.4	0	0	0	1
C588	0.8	0	0	0	1
C589	0.8	0	0	0	1
C590	0.8	0	0	0	1
C591	0.8	0	0	0	1
C592	0.8	0	0	0	1
C593	0.8	0	0	0	1
C594	0.8	0	0	0	1
C595	0.8	0	0	0	1
C596	0.8	0	0	0	1
C597	0.8	0	0	0	1
C598	0.8	0	0	0	1
C599	0.8	0	0	0	1
C600	0.8	0	0	0	1
C601	1	0	0	0	1
C602	1	0	0	0	1
C603	1	0	0	0	1
C604	1	0	0	0	1
C605	1	0	0	0	1
C606	1	0	0	0	1
C607	0.8	0	0	0	1

SOLUCIÓN A

C608	CIRCULAR	0.8	0	0	0
C609	CIRCULAR	0.8	0	0	0
C610	CIRCULAR	0.8	0	0	0
C611	CIRCULAR	0.8	0	0	0
C612	CIRCULAR	0.8	0	0	0
C613	CIRCULAR	0.8	0	0	0
C614	CIRCULAR	0.8	0	0	0
C615	CIRCULAR	0.8	0	0	0
C616	CIRCULAR	0.8	0	0	0
C617	CIRCULAR	0.8	0	0	0
C618	CIRCULAR	0.8	0	0	0
C619	CIRCULAR	1.2	0	0	0
C620	CIRCULAR	0.8	0	0	0
C621	CIRCULAR	0.8	0	0	0
C622	CIRCULAR	0.8	0	0	0
C623	CIRCULAR	0.8	0	0	0
C624	CIRCULAR	0.8	0	0	0
C626	CIRCULAR	0.8	0	0	0
C628	CIRCULAR	0.4	0	0	0
C630	CIRCULAR	0.5	0	0	0
C631	CIRCULAR	1	0	0	0
C632	CIRCULAR	1	0	0	0
C633	CIRCULAR	1	0	0	0
C634	CIRCULAR	1	0	0	0
C635	CIRCULAR	1	0	0	0
C636	CIRCULAR	1	0	0	0
C637	CIRCULAR	1	0	0	0
C638	CIRCULAR	1	0	0	0
C639	CIRCULAR	1.2	0	0	0
C640	CIRCULAR	0.8	0	0	0
C641	CIRCULAR	1.2	0	0	0
C642	CIRCULAR	1.2	0	0	0
C643	CIRCULAR	1.2	0	0	0
C644	CIRCULAR	1.2	0	0	0
C645	CIRCULAR	1.2	0	0	0
C646	CIRCULAR	1.2	0	0	0
C647	CIRCULAR	1.2	0	0	0
C648	CIRCULAR	1.036	0	0	0
C649	CIRCULAR	1.5	0	0	0
C650	CIRCULAR	1.5	0	0	0
C651	CIRCULAR	1.5	0	0	0
C652	CIRCULAR	1.5	0	0	0
C654	CIRCULAR	0.4	0	0	0

[LOSSES]

;;Link

Inlet

Outlet

Average

Flap Gate

;;-----

[TIMESERIES]			Date		Time	Value
;;Name			-----		-----	-----
;;			-----		-----	-----
LLUVIA_T10			0:00		0.294585235	0.294585235
LLUVIA_T10			0:01		0.327300003	0.327300003
LLUVIA_T10			0:02		0.364754036	0.364754036
LLUVIA_T10			0:03		0.407855117	0.407855117
LLUVIA_T10			0:04		0.457733093	0.457733093
LLUVIA_T10			0:05		0.515807302	0.515807302
LLUVIA_T10			0:06		0.583878885	0.583878885
LLUVIA_T10			0:07		0.664258969	0.664258969
LLUVIA_T10			0:08		0.759949449	0.759949449
LLUVIA_T10			0:09		0.874902377	0.874902377
LLUVIA_T10			0:10		1.014399253	1.014399253
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LLUVIA_T10			0:16		1.524740192	1.524740192
LLUVIA_T10			0:17		1.286087718	1.286087718
LLUVIA_T10			0:18		1.095499611	1.095499611
LLUVIA_T10			0:19		0.941186996	0.941186996
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LLUVIA_T10			0:23		0.54846274	0.54846274
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LLUVIA_T10			0:25		0.431866008	0.431866008
LLUVIA_T10			0:26		0.385533975	0.385533975
LLUVIA_T10			0:27		0.345382423	0.345382423
LLUVIA_T10			0:28		0.310399732	0.310399732
LLUVIA_T10			0:29		0.279769562	0.279769562
LLUVIA_T05			0:00		0.242708775	0.242708775
LLUVIA_T05			0:01		0.269662472	0.269662472
LLUVIA_T05			0:02		0.30052085	0.30052085
LLUVIA_T05			0:03		0.336031831	0.336031831
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LLUVIA_T05			0:06		0.481057814	0.481057814
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LLUVIA_T05			0:11		0.976830241	0.976830241

SOLUCIÓN A

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[REPORT]

INPUT

YES

CONTROLS

NO

SUBCATCHMENTS

ALL

NODES

ALL

LINKS

ALL

[TAGS]

[MAP]

DIMENSIONS

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Units

Meters

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SOLUCIÓN A

SOLUCIÓN A

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SOLUCIÓN A

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PN05 664210.509 4620760.632
PN06 664168.734 4620778.023
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PN08 664182.998 4620873.430
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X-Coord

Y-Coord

[Polygons]
;; Subcatchment

X-Coord

Y-Coord

SOLUCIÓN A

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SOLUCIÓN A

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S21	663886.674	4620526.580
S21	663839.153	4620556.216
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S27	664263.261	4620282.334
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S29	664315.381	4620357.958
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SOLUCIÓN A

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S82	664079.342	4620814.939
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S83	664235.579	4620657.732
S83	664172.017	4620701.401
S83	664206.466	4620751.377
S84	664231.697	4620653.850
S84	664266.147	4620634.442
S84	664286.526	4620679.081
S84	664300.597	4620703.827
S84	664270.999	4620717.898
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S85	664265.662	4620635.413
S85	664257.898	4620619.886
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S85	664172.017	4620701.401
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S86	664206.951	4620751.862
S86	664172.987	4620702.371
S86	664163.283	4620677.140
S86	664129.318	4620697.519
S86	664107.969	4620724.691
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S86	664079.827	4620815.425
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S87	664198.703	4620817.851
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S87	664253.046	4620866.371
S87	664248.679	4620883.354
S87	664330.679	4620885.780
S87	664327.283	4620836.774
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S88	664388.419	4620889.176
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S88	664331.650	4620886.265
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S95	664510.358	4620813.381
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S95	664412.850	4620923.431
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S96	664400.335	4620817.841
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S96	664370.971	4620833.825
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S97	663990.791	4620720.629
S97	663964.323	4620752.499
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SOLUCIÓN A

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S49	663673.683	4620436.265
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S49	663647.626	4620472.030
S49	663713.024	4620568.082
S101	663652.413	4621060.870
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S101	663725.603	4621039.915
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S101	663603.216	4620948.504
S101	663601.090	4620966.726
S101	663651.806	4621060.870
S102	663698.271	4620939.090
S102	663734.713	4620919.350
S102	663784.519	4620998.613
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S102	663668.509	4620948.201
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