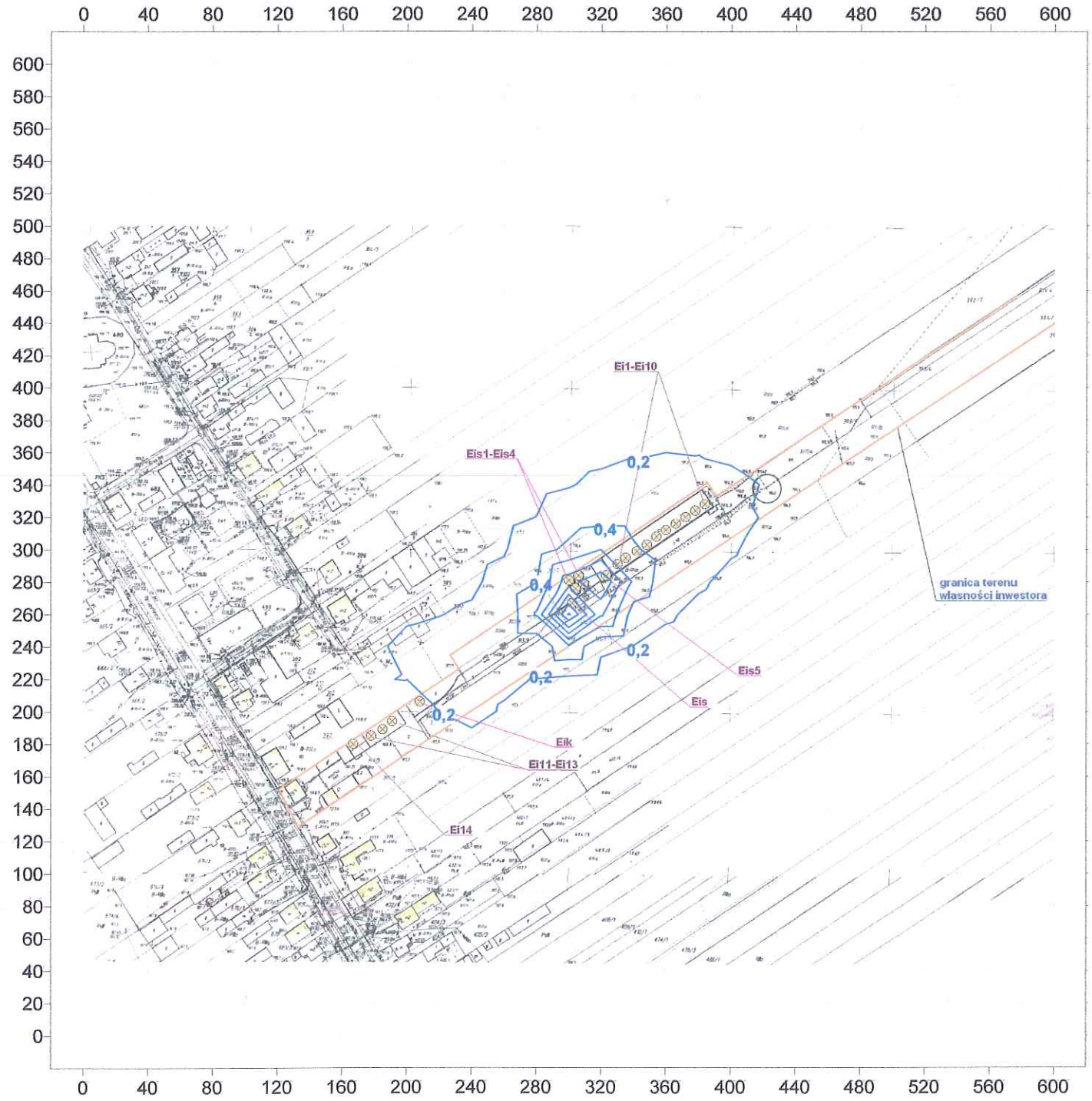
Program Rww (C)EkoSoft
Zbiór wyników: H:\KOMIN_10\P[redacted]

Użytkownik: [redacted]

ZAŁĄCZNIK NR 86

Obiekt chowu trzody chlewnej -[redacted]
ZANIECZYSZCZENIE : pyl zawieszony PM2,5
Drukowany parametr: STĘŻENIA ŚREDNIE ROCZNE [ug/m3]
Liczba punktów w siatce: 481 maksimum: 1,621 w punkcie: x=300 y=260

SKALA 1:3 592



stężenia średnioroczne pyłu zawieszonego PM2,5 na poziomie ziemi w żadnym punkcie siatki obliczeniowej nie przekraczają dopuszczalnego poziomu substancji w powietrzu dla roku kalendarzowego, który do dnia 1 stycznia 2020 roku winien wynieść 3,5 mg/m^3

"EKO - PROJEKT"

[redacted]

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*****************************************************************************
*                                                                           *
*                 P R O G R A M      K O M I N                              *
*                                                                           *
*           1986-2010    wersja 6.12  z dnia:  07.09.2010                   *
*  Opra[redacted]wany według Rozporzadzenia Ministra Srodowiska z dnia 26.01.2010 r.  *
*  Autor: [redacted]2255, e-mail:ekosoft@pro.onet.pl                        *
*                                                                           *
*****************************************************************************
```

Data: 2018.1.29 13:35:55

Nazwa zbioru danych: dfPM256
Nazwa zbioru wynikow: wfPM256

Obiekt chowu trzody chlewnej [redacted]

ZANIECZYSZCZENIE : pyl zawieszony PM2,5

Oznaczenia: H - formula HOLLANDA
C - formula CONCAWE

Emitor numer	Nazwa emitora	x[m]	y[m]	h[m]	d[m]	v[m/s]	T[K]	TO[K]	Q[MW]	FORM.	Emisja [g/s]	Smm [ug/m3]	Xmm [m]	stan row.	Ua [m/s]	CEMIS	EMISJA [t/rok]	AKTYWNY W PODOKRESIE
1	Ei1	330	291	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
2	Ei2	335	295	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
3	Ei3	342	299	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
4	Ei4	348	303	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
5	Ei5	354	308	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
6	Ei6	360	312	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
7	Ei7	366	316	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
8	Ei8	372	320	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
9	Ei9	378	324	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
10	Ei10	384	328	5.2	0.66	2.40	291	281	0.0	H	0.00017	0.222	40	5	1	1.0000	0.0053	1 2 3 4 5
11	Ei11	191	194	6.3	0.59	3.80	297	281	0.0	H	0.00021	0.157	44	4	1	1.0000	0.0066	1 2 3 4 5
12	Ei12	185	189	6.3	0.59	3.80	297	281	0.0	H	0.00021	0.157	44	4	1	1.0000	0.0066	1 2 3 4 5
13	Ei13	178	185	6.3	0.59	3.80	297	281	0.0	H	0.00021	0.157	44	4	1	1.0000	0.0066	1 2 3 4 5
14	Ei14	167	180	6.5	0.42	7.50	297	281	0.0	H	0.00021	0.110	56	4	1	1.0000	0.0066	1 2 3 4 5
15	Eis	302	267	0.2	1.35	0.00	281	281	0.0	H	0.04170	717124.146	0	6	1	0.0100	0.0132	1
16	Eis1	309	279	0.6	0.15	0.00	281	281	0.0	H	0.00035	444.421	0	6	1	0.0310	0.0003	1 2
17	Eis2	306	284	0.6	0.15	0.00	281	281	0.0	H	0.00035	444.421	0	6	1	0.0310	0.0003	1 2
18	Eis3	304	276	0.6	0.15	0.00	281	281	0.0	H	0.00035	444.421	0	6	1	0.0310	0.0003	1 2
19	Eis4	300	281	0.6	0.15	0.00	281	281	0.0	H	0.00035	444.421	0	6	1	0.0310	0.0003	1 2
20	Eis5	323	284	2.0	3.40	0.00	281	281	0.0	H	0.00208	151.887	2	6	1	0.1140	0.0075	1 2 3
21	Eik	208	206	7.0	0.20	0.66	393	273	0.0	H	0.00480	10.393	33	6	1	0.2740	0.0415	1 2 3 4

SZORSTKOSC z0[m] 0.230
WYSOKOSC ANEMOMETRU ha[m] 14
WYSOKOSC OBLICZEN Z[m] 6.00

CZESTOSCI PRZEKROCZEN LICZONE DLA STEZEN PROGOWYCH [ug/m3]:
1: 3.500

"EKO - PROJEKT" [redacted]

PROGRAM KOMIN (C) EkoSoft
Użytkownik: [redacted]

Obiekt chowu trzody chlewnej - [redacted]

ZANIECZYSZCZENIE : pyl zawieszony PM2,5

STEZENIA PYLOWE

X m	Y m	Sa ug/m3	Smax ug/m3	KL	Ua m/s	KAT st.	S99.8 ug/m3	S99.7 ug/m3	3.500P %	Udz. %	Nr
0	0	1.10E-02	14.164	6	1	48	0.701	0.654	0.0066	76	15
40	0	1.19E-02	15.283	6	1	44	0.701	0.670	0.0078	78	15
80	0	1.31E-02	15.868	6	1	40	0.757	0.689	0.0120	82	15
120	0	1.43E-02	16.825	6	1	34	0.820	0.751	0.0127	85	15
160	0	1.51E-02	17.536	6	1	28	0.851	0.796	0.0131	88	15
200	0	1.54E-02	18.294	6	1	20	0.868	0.791	0.0148	91	15
240	0	1.55E-02	19.254	6	1	14	0.845	0.785	0.0159	91	15
280	0	1.50E-02	19.582	6	1	4	0.784	0.720	0.0159	92	15
320	0	1.42E-02	19.597	6	1	356	0.689	0.646	0.0152	92	15
360	0	1.33E-02	19.091	6	1	348	0.625	0.604	0.0147	92	15
400	0	1.23E-02	18.150	6	1	340	0.609	0.546	0.0132	92	15
440	0	1.13E-02	16.824	6	1	332	0.579	0.499	0.0113	93	15
480	0	1.03E-02	15.535	6	1	326	0.537	0.463	0.0099	93	15
520	0	9.38E-03	14.208	6	1	320	0.496	0.427	0.0054	93	15
560	0	8.56E-03	13.049	6	1	316	0.469	0.391	0.0053	92	15
600	0	7.79E-03	11.924	6	1	312	0.445	0.359	0.0051	91	15
20	20	1.29E-02	15.629	6	1	48	0.787	0.761	0.0143	76	15
60	20	1.41E-02	16.542	6	1	44	0.791	0.739	0.0182	79	15
100	20	1.58E-02	17.249	6	1	40	0.892	0.819	0.0221	84	15
140	20	1.71E-02	18.200	6	1	34	0.968	0.911	0.0281	88	15
180	20	1.79E-02	19.326	6	1	26	1.021	0.941	0.0303	90	15
220	20	1.82E-02	20.461	6	1	18	0.999	0.914	0.0291	91	15
260	20	1.78E-02	21.357	6	1	10	0.945	0.878	0.0269	92	15
300	20	1.69E-02	21.635	6	1	360	0.846	0.799	0.0185	92	15
340	20	1.57E-02	21.356	6	1	352	0.738	0.690	0.0174	92	15
380	20	1.45E-02	20.252	6	1	342	0.658	0.611	0.0174	93	15
420	20	1.32E-02	18.902	6	1	334	0.624	0.557	0.0157	93	15
460	20	1.20E-02	17.490	6	1	328	0.603	0.520	0.0124	92	15
500	20	1.08E-02	15.915	6	1	322	0.558	0.481	0.0101	92	15
540	20	9.77E-03	14.415	6	1	316	0.508	0.438	0.0055	92	15
580	20	8.90E-03	13.045	6	1	312	0.476	0.396	0.0055	92	15
0	40	1.37E-02	15.501	6	1	54	0.890	0.832	0.0150	76	15
40	40	1.55E-02	17.028	6	1	50	0.870	0.853	0.0300	77	15
80	40	1.72E-02	18.568	6	1	42	0.993	0.918	0.0358	79	15
120	40	1.94E-02	19.438	6	1	38	1.083	1.021	0.0425	84	15
160	40	2.09E-02	20.302	6	1	32	1.176	1.112	0.0409	89	15
200	40	2.16E-02	21.755	6	1	24	1.206	1.094	0.0418	91	15
240	40	2.15E-02	23.210	6	1	16	1.149	1.053	0.0388	91	15
280	40	2.05E-02	23.931	6	1	6	1.047	0.970	0.0357	92	15
320	40	1.89E-02	23.938	6	1	356	0.895	0.842	0.0198	92	15
360	40	1.73E-02	22.955	6	1	346	0.764	0.737	0.0203	93	15
400	40	1.58E-02	21.429	6	1	336	0.707	0.631	0.0189	93	15
440	40	1.41E-02	19.592	6	1	328	0.684	0.589	0.0166	93	15
480	40	1.26E-02	17.741	6	1	322	0.625	0.517	0.0132	93	15
520	40	1.14E-02	15.935	6	1	316	0.566	0.488	0.0107	93	15
560	40	1.02E-02	14.419	6	1	312	0.543	0.438	0.0056	92	15
600	40	9.38E-03	12.950	6	1	308	0.476	0.412	0.0055	91	15
20	60	1.64E-02	17.282	6	1	54	0.997	0.912	0.0326	75	15
60	60	1.90E-02	19.152	6	1	50	1.065	1.027	0.0505	76	15
100	60	2.15E-02	20.548	6	1	42	1.201	1.138	0.0478	80	15
140	60	2.45E-02	21.230	6	1	38	1.356	1.288	0.0530	87	15
180	60	2.60E-02	22.879	6	1	30	1.471	1.331	0.0523	90	15
220	60	2.64E-02	24.876	6	1	22	1.434	1.309	0.0512	91	15
260	60	2.54E-02	26.363	6	1	12	1.313	1.231	0.0503	92	15
300	60	2.34E-02	26.720	6	1	360	1.102	1.044	0.0423	93	15
340	60	2.11E-02	26.202	6	1	350	0.911	0.882	0.0260	93	15
380	60	1.90E-02	24.648	6	1	340	0.836	0.749	0.0226	93	15
420	60	1.69E-02	22.436	6	1	330	0.759	0.678	0.0206	93	15
460	60	1.50E-02	20.097	6	1	322	0.691	0.592	0.0189	93	15
500	60	1.34E-02	17.893	6	1	316	0.641	0.553	0.0141	93	15
540	60	1.19E-02	16.036	6	1	312	0.571	0.512	0.0111	92	15
580	60	1.08E-02	14.179	6	1	306	0.529	0.459	0.0061	92	15
0	80	1.64E-02	17.051	6	1	58	0.967	0.905	0.0293	74	15
40	80	2.01E-02	19.538	6	1	54	1.163	1.125	0.0545	73	15
80	80	2.40E-02	21.822	6	1	50	1.375	1.247	0.0655	75	15
120	80	2.80E-02	22.917	6	1	42	1.536	1.464	0.0648	81	15

Zbiór: WFPM256 Wyniki str. 1

PODOKRESY OBLICZENIOWE

Nr	Nazwa	CEMIS	Roza wiatrow	Liczba emitorow aktywnych w podokresie	Emisja w podokresie [t]
1		0.0100	H:\KOMIN03\rozewielun.r	21	0.0166
2		0.0210	H:\KOMIN03\rozewielun.r	20	0.0071
3		0.0830	H:\KOMIN03\rozewielun.r	16	0.0246
4		0.1600	H:\KOMIN03\rozewielun.z	15	0.0368
5		0.7260	H:\KOMIN03\rozewielun.r	14	0.0573
				EMISJA ROCZNA	0.1424 [t]

Zbiór: Dane

"EKO - PROJEKT"

"EKO - PROJEKT"

160	80	3.20E-02	23.908	6	1	38	1.765	1.664	0.0681	89	15
200	80	3.33E-02	26.271	6	1	28	1.815	1.683	0.0723	91	15
240	80	3.24E-02	28.689	6	1	18	1.705	1.589	0.0630	92	15
280	80	2.98E-02	30.030	6	1	6	1.452	1.357	0.0588	93	15
320	80	2.65E-02	30.062	6	1	354	1.156	1.090	0.0511	93	15
360	80	2.34E-02	28.363	6	1	342	1.025	0.893	0.0311	94	15
400	80	2.06E-02	25.870	6	1	332	0.936	0.780	0.0275	94	15
440	80	1.82E-02	23.196	6	1	324	0.797	0.683	0.0224	93	15
480	80	1.61E-02	20.330	6	1	316	0.714	0.638	0.0208	93	15
520	80	1.43E-02	17.836	6	1	310	0.671	0.604	0.0149	93	15
560	80	1.27E-02	15.833	6	1	306	0.589	0.549	0.0116	92	15
600	80	1.14E-02	14.034	6	1	302	0.575	0.505	0.0061	91	15
20	100	2.00E-02	18.996	6	1	60	1.081	1.050	0.0495	74	15
60	100	2.54E-02	22.006	6	1	56	1.421	1.296	0.0696	73	15
100	100	3.17E-02	25.189	6	1	50	1.791	1.598	0.0871	74	15
140	100	3.86E-02	26.016	6	1	42	2.078	1.967	0.0941	83	15
180	100	4.36E-02	27.579	6	1	36	2.347	2.118	0.0991	90	15
220	100	4.33E-02	30.886	6	1	26	2.306	2.124	0.0928	92	15
260	100	3.95E-02	33.697	6	1	14	1.971	1.869	0.0810	92	15
300	100	3.43E-02	34.493	6	1	360	1.520	1.446	0.0679	94	15
340	100	2.98E-02	33.666	6	1	348	1.252	1.138	0.0550	93	15
380	100	2.59E-02	30.534	6	1	334	1.148	0.889	0.0347	94	15
420	100	2.26E-02	26.936	6	1	324	0.974	0.806	0.0314	94	15
460	100	1.98E-02	23.312	6	1	316	0.889	0.741	0.0246	94	15
500	100	1.73E-02	20.284	6	1	310	0.795	0.692	0.0223	93	15
540	100	1.51E-02	17.756	6	1	306	0.736	0.625	0.0148	92	15
580	100	1.35E-02	15.406	6	1	300	0.684	0.566	0.0118	92	15
0	120	1.97E-02	17.820	6	1	64	1.085	0.915	0.0391	76	15
40	120	2.50E-02	21.299	6	1	60	1.372	1.215	0.0691	73	15
80	120	3.37E-02	25.609	6	1	56	1.827	1.640	0.0949	71	15
120	120	4.54E-02	29.172	6	1	50	2.423	2.254	0.1240	73	15
160	120	5.80E-02	30.268	6	1	42	2.952	2.760	0.1243	83	15
200	120	6.21E-02	32.611	6	1	34	3.163	2.897	0.1256	91	15
240	120	5.61E-02	37.008	6	1	22	2.870	2.654	0.1143	92	15
280	120	4.71E-02	39.912	6	1	8	2.158	2.035	0.0932	93	15
320	120	3.92E-02	39.868	6	1	354	1.624	1.493	0.0778	94	15
360	120	3.33E-02	36.599	6	1	338	1.447	1.096	0.0609	94	15
400	120	2.88E-02	32.203	6	1	326	1.208	0.966	0.0395	94	15
440	120	2.48E-02	27.405	6	1	316	1.134	0.886	0.0364	94	15
480	120	2.13E-02	23.429	6	1	310	0.965	0.784	0.0258	93	15
520	120	1.84E-02	19.949	6	1	304	0.876	0.722	0.0219	93	15
560	120	1.60E-02	17.330	6	1	300	0.834	0.658	0.0148	92	15
600	120	1.40E-02	15.086	6	1	296	0.724	0.591	0.0112	91	15
20	140	2.47E-02	19.815	6	1	66	1.361	1.128	0.0651	76	15
60	140	3.32E-02	23.738	6	1	62	1.744	1.482	0.0893	74	15
100	140	4.81E-02	30.031	6	1	58	2.454	2.246	0.1399	69	15
140	140	7.30E-02	35.568	6	1	50	3.634	3.369	0.2007	70	15
180	140	9.69E-02	34.083	6	1	44	4.538	4.304	0.3970	89	15
220	140	9.04E-02	39.673	6	1	32	4.574	4.199	0.3655	92	15
260	140	7.03E-02	45.348	6	1	18	3.317	3.142	0.1374	93	15
300	140	5.51E-02	47.487	6	1	360	2.195	2.095	0.1075	94	15
340	140	4.52E-02	45.202	6	1	344	1.880	1.463	0.0854	94	15
380	140	3.83E-02	39.310	6	1	328	1.740	1.243	0.0704	94	15
420	140	3.17E-02	33.013	6	1	318	1.427	1.038	0.0444	94	15
460	140	2.70E-02	27.206	6	1	308	1.271	0.944	0.0391	94	15
500	140	2.28E-02	22.705	6	1	302	1.107	0.838	0.0279	93	15
540	140	1.92E-02	19.380	6	1	298	0.949	0.749	0.0220	92	15
580	140	1.65E-02	16.630	6	1	294	0.831	0.682	0.0157	92	15
0	160	2.44E-02	17.674	6	1	70	1.555	1.098	0.0488	82	15
40	160	3.24E-02	21.634	6	1	68	1.905	1.439	0.0966	78	15
80	160	4.68E-02	26.619	6	1	66	2.475	1.999	0.1284	75	15
120	160	7.73E-02	35.815	6	1	60	3.572	3.279	0.2018	68	15
160	160	0.147	44.261	6	1	52	6.146	5.752	0.5941	68	15
200	160	0.183	41.166	6	1	44	7.985	7.303	0.8903	91	15
240	160	0.126	50.174	6	1	30	5.977	5.524	0.5567	92	15
280	160	8.55E-02	57.050	6	1	12	3.422	3.201	0.1650	94	15
320	160	6.49E-02	56.752	6	1	350	2.824	1.945	0.1349	95	15
360	160	5.23E-02	49.720	6	1	332	2.435	1.748	0.1160	95	15
400	160	4.22E-02	40.677	6	1	318	1.860	1.477	0.0736	94	15
440	160	3.44E-02	32.774	6	1	308	1.566	1.253	0.0479	93	15
480	160	2.82E-02	26.732	6	1	302	1.334	1.045	0.0387	93	15
520	160	2.35E-02	22.060	6	1	296	1.117	0.912	0.0300	92	15
560	160	1.97E-02	18.642	6	1	292	0.971	0.777	0.0244	92	15
600	160	1.67E-02	16.084	6	1	290	0.882	0.656	0.0154	91	15
20	180	3.03E-02	19.144	6	1	72	1.946	1.415	0.0846	84	15
60	180	4.33E-02	23.097	6	1	72	2.653	1.937	0.1271	82	15
100	180	7.06E-02	29.163	6	1	68	3.811	2.744	0.2142	79	15
140	180	0.155	40.964	6	1	64	5.967	5.197	0.5913	70	15
180	180	0.436	65.603	6	1	52	12.527	11.896	1.7421	56	15
220	180	0.345	52.746	6	1	44	17.030	15.587	1.9239	91	15

260	180	0.157	66.119	6	1	26	6.034	5.802	0.7140	93	15
300	180	9.91E-02	73.251	6	1	2	4.218	3.346	0.2362	95	15
340	180	7.38E-02	65.778	6	1	336	3.304	2.498	0.1765	96	15
380	180	5.81E-02	51.868	6	1	318	2.822	2.098	0.1404	95	15
420	180	4.59E-02	40.158	6	1	306	2.168	1.655	0.0729	94	15
460	180	3.63E-02	31.257	6	1	298	1.767	1.325	0.0572	94	15
500	180	2.91E-02	25.499	6	1	294	1.410	1.100	0.0437	92	15
540	180	2.39E-02	20.988	6	1	290	1.178	0.926	0.0320	92	15
580	180	1.98E-02	17.878	6	1	288	1.016	0.785	0.0218	91	15
0	200	2.72E-02	17.769	6	1	78	1.691	1.278	0.0428	85	15
40	200	3.75E-02	20.779	6	1	76	2.345	1.798	0.1072	86	15
80	200	5.73E-02	24.897	6	1	74	3.200	2.469	0.1745	87	15
120	200	0.106	31.345	6	1	70	5.094	4.053	0.3150	86	15
160	200	0.313	43.110	6	1	66	10.344	8.482	1.3567	81	15
200	200	1.949	192.071	6	1	54	90.669	86.496	4.8456	74	21
240	200	0.445	71.420	6	1	42	15.635	15.001	3.2533	92	15
280	200	0.167	92.129	6	1	18	7.071	5.499	0.7653	95	15
320	200	0.110	91.962	6	1	344	4.864	3.648	0.2761	96	15
360	200	8.22E-02	70.839	6	1	320	3.642	2.731	0.2118	96	15
400	200	6.24E-02	50.963	6	1	304	2.961	2.182	0.1400	95	15
440	200	4.76E-02	38.101	6	1	296	2.242	1.626	0.0833	94	15
480	200	3.71E-02	29.598	6	1	290	1.760	1.299	0.0601	93	15
520	200	2.93E-02	23.989	6	1	288	1.433	1.074	0.0393	92	15
560	200	2.41E-02	19.794	6	1	284	1.161	0.897	0.0326	92	15
600	200	2.01E-02	16.907	6	1	282	1.023	0.762	0.0228	91	15
20	220	3.17E-02	18.903	6	1	80	1.971	1.525	0.0760	88	15
60	220	4.51E-02	22.376	6	1	80	2.537	1.955	0.1296	89	15
100	220	7.19E-02	27.448	6	1	76	3.692	2.904	0.2241	90	15
140	220	0.149	34.855	6	1	74	6.401	4.952	0.6006	92	15
180	220	0.464	47.407	6	1	68	16.716	15.413	2.6760	91	15
220	220	1.385	68.976	6	1	220	51.418	40.571	8.2938	98	21
260	220	0.301	105.852	6	1	42	13.354	10.470	1.7285	93	15
300	220	0.170	135.541	6	1	2	6.986	5.822	0.4071	96	15
340	220	0.126	105.320	6	1	322	5.367	4.026	0.2837	97	15
380	220	9.10E-02	68.930	6	1	302	4.055	3.128	0.2320	96	15
420	220	6.63E-02	47.502	6	1	292	2.881	2.199	0.1244	94	15
460	220	4.96E-02	35.026	6	1	286	2.195	1.568	0.0837	94	15
500	220	3.75E-02	27.646	6	1	284	1.695	1.310	0.0628	92	15
540	220	2.96E-02	22.489	6	1	282	1.429	1.034	0.0424	91	15
580	220	2.40E-02	18.762	6	1	280	1.212	0.866	0.0334	90	15
0	240	2.69E-02	17.286	6	1	84	1.651	1.300	0.0255	89	15
40	240	3.63E-02	20.431	6	1	84	2.092	1.559	0.0889	90	15
80	240	5.29E-02	24.745	6	1	84	2.742	2.202	0.1346	91	15
120	240	8.93E-02	31.164	6	1	82	4.246	3.321	0.2378	92	15
160	240	0.187	41.398	6	1	80	7.542	5.965	0.8300	93	15
200	240	0.446	59.638	6	1	76	20.765	17.213	3.1321	93	15
240	240	0.369	97.817	6	1	66	16.401	13.908	2.5141	93	15
280	240	0.255	179.937	6	1	40	10.975	8.823	0.9404	94	15
320	240	0.218	181.295	6	1	326	7.521	6.730	0.5724	98	15
360	240	0.152	98.862	6	1	294	6.581	4.986	0.3738	98	15
400	240	0.101	61.315	6	1	286	3.806	3.154	0.2208	95	15
440	240	6.96E-02	42.910	6	1	282	2.698	2.158	0.1236	93	15
480	240	5.05E-02	31.863	6	1	278	2.171	1.652	0.0823	93	15
520	240	3.79E-02	25.477	6	1	278	1.717	1.297	0.0593	91	15
560	240	2.98E-02	20.835	6	1	276	1.457	1.065	0.0430	90	15
600	240	2.40E-02	17.678	6	1	276	1.146	0.848	0.0288	89	15
20	260	2.99E-02	18.737	6	1	88	1.731	1.342	0.0480	90	15
60	260	4.10E-02	22.380	6	1	88	2.226	1.690	0.0904	92	15
100	260	6.24E-02	27.794	6	1	88	3.003	2.314	0.1487	92	15
140	260	0.108	35.996	6	1	88	4.708	3.852	0.2800	93	15
180	260	0.201	50.400	6	1	86	9.265	7.523	1.1286	93	15
220	260	0.265	77.572	6	1	86	13.306	10.534	1.5358	95	15
260	260	0.263	149.153	6	1	80	11.775	10.069	1.1189	96	15
300	260	0.234	150.729	6	1	16	8.203	7.547	1.0124	94	15
340	260	0.318	157.102	6	1	280	18.901	12.104	0.8967	99	15
380	260	0.179	82.155	6	1	276	6.394	4.666	0.3920	95	15
420	260	0.108	52.476	6	1	274	3.615	3.073	0.1971	93	15
460	260	7.12E-02	37.469	6	1	272	2.655	2.251	0.1238	92	15
500	260	5.03E-02	28.901	6	1	272	2.102	1.649	0.0798	91	15
540	260	3.78E-02	23.231	6	1	272	1.685	1.272	0.0518	90	15
580	260	2.93E-02	19.360	6	1	272	1.405	1.022	0.0392	89	15
0	280	2.52E-02	17.127	6	1	92	1.469	1.150	0.0254	91	15
40	280	3.32E-02	20.350	6	1	92	1.771	1.394	0.0686	91	15
80	280	4.71E-02	24.642	6	1	94	2.328	1.836	0.1064	92	15
120	280	7.34E-02	31.256	6	1	94	3.307	2.873	0.1740	93	15
160	280	0.121	41.603	6	1	96	5.707	4.676	0.4235	94	15
200	280	0.177	60.462	6	1	98	9.336	7.322	0.9293	95	15
240	280	0.200	101.311	6	1	102	9.444	7.316	0.7805	96	15
280	280	0.325	209.541	6	1	120	15.379	10.030	0.9585	99	15
320	280	0.651	230.633	6	1	234	52.553	32.269	2.7634	97	15

360	280	0.425	111.411	6	1	258	13.953	10.655	1.0458	93	15
400	280	0.199	65.215	6	1	262	5.515	4.534	0.3862	92	15
440	280	0.110	44.330	6	1	264	3.515	3.085	0.1916	91	15
480	280	7.02E-02	32.975	6	1	266	2.633	2.292	0.1087	90	15
520	280	4.90E-02	25.912	6	1	266	2.031	1.741	0.0749	90	15
560	280	3.66E-02	21.413	6	1	268	1.653	1.283	0.0493	88	15
600	280	2.84E-02	18.111	6	1	268	1.272	1.013	0.0321	87	15
20	300	2.75E-02	18.440	6	1	96	1.454	1.195	0.0286	91	15
60	300	3.73E-02	21.999	6	1	98	1.907	1.501	0.0717	92	15
100	300	5.48E-02	27.086	6	1	100	2.662	2.275	0.1378	93	15
140	300	8.22E-02	34.878	6	1	102	3.873	3.277	0.2209	94	15
180	300	0.119	47.631	6	1	106	6.062	4.374	0.4213	95	15
220	300	0.150	71.107	6	1	112	7.545	5.763	0.5768	96	15
260	300	0.198	118.826	6	1	128	7.822	6.570	0.5900	97	15
300	300	0.431	182.010	6	1	176	21.175	13.071	1.5219	97	15
340	300	2.604	151.022	6	1	230	24.626	21.823	24.7720	81	15
380	300	0.531	82.126	6	1	248	9.137	8.306	0.8524	87	15
420	300	0.196	52.894	6	1	254	4.878	4.517	0.3421	88	15
460	300	0.103	38.073	6	1	258	3.491	2.909	0.1554	89	15
500	300	6.56E-02	29.373	6	1	260	2.597	2.136	0.0976	88	15
540	300	4.61E-02	23.626	6	1	262	1.906	1.583	0.0597	88	15
580	300	3.44E-02	19.699	6	1	264	1.585	1.195	0.0425	87	15
0	320	2.33E-02	16.681	6	1	100	1.278	0.997	0.0238	91	15
40	320	3.05E-02	19.643	6	1	102	1.578	1.321	0.0320	92	15
80	320	4.25E-02	23.706	6	1	104	2.118	1.729	0.0792	93	15
120	320	6.01E-02	29.762	6	1	106	2.868	2.503	0.1541	93	15
160	320	8.36E-02	38.779	6	1	110	3.798	3.143	0.2187	94	15
200	320	0.111	52.967	6	1	118	5.631	4.351	0.3305	95	15
240	320	0.138	77.711	6	1	130	6.059	4.894	0.3997	96	15
280	320	0.216	111.487	6	1	158	7.351	6.155	0.5344	97	15
320	320	0.457	117.827	6	1	198	11.896	10.424	1.1118	94	15
360	320	1.592	94.145	6	1	228	13.609	11.276	11.8359	82	15
400	320	0.524	62.825	6	1	242	8.388	6.939	1.8454	83	15
440	320	0.164	43.869	6	1	248	4.837	3.870	0.3036	85	15
480	320	8.89E-02	33.116	6	1	254	3.137	2.509	0.1706	86	15
520	320	5.80E-02	26.150	6	1	256	2.295	1.931	0.0815	86	15
560	320	4.17E-02	21.475	6	1	258	1.783	1.438	0.0529	86	15
600	320	3.16E-02	18.135	6	1	260	1.465	1.157	0.0350	85	15
20	340	2.55E-02	17.717	6	1	104	1.357	1.037	0.0240	92	15
60	340	3.40E-02	21.096	6	1	106	1.754	1.442	0.0321	92	15
100	340	4.65E-02	25.550	6	1	110	2.321	2.042	0.1000	93	15
140	340	6.18E-02	32.182	6	1	114	2.867	2.529	0.1577	93	15
180	340	8.14E-02	41.914	6	1	120	4.106	3.115	0.2360	94	15
220	340	0.103	55.828	6	1	132	4.795	4.057	0.2888	95	15
260	340	0.136	75.218	6	1	150	5.281	4.422	0.3608	96	15
300	340	0.219	88.717	6	1	178	6.619	5.626	0.5331	95	15
340	340	0.397	80.872	6	1	208	7.514	6.538	0.6377	91	15
380	340	0.775	67.138	6	1	226	9.163	7.473	3.4224	82	15
420	340	0.274	50.462	6	1	238	6.794	5.834	1.0988	80	15
460	340	0.124	37.118	6	1	246	4.219	3.441	0.2308	83	15
500	340	7.44E-02	29.031	6	1	250	2.858	2.368	0.1484	84	15
540	340	5.09E-02	23.410	6	1	252	2.044	1.724	0.0676	85	15
580	340	3.75E-02	19.566	6	1	256	1.674	1.339	0.0443	84	15
0	360	2.15E-02	15.961	6	1	108	1.141	0.947	0.0215	92	15
40	360	2.80E-02	18.683	6	1	110	1.475	1.229	0.0262	92	15
80	360	3.68E-02	22.384	6	1	112	1.767	1.644	0.0319	92	15
120	360	4.76E-02	26.921	6	1	118	2.265	2.019	0.1040	94	15
160	360	6.14E-02	33.573	6	1	124	3.080	2.369	0.1612	94	15
200	360	7.84E-02	43.181	6	1	132	3.988	2.881	0.2167	94	15
240	360	9.82E-02	54.962	6	1	146	4.180	3.515	0.2492	95	15
280	360	0.135	66.007	6	1	166	4.474	4.111	0.3352	94	15
320	360	0.204	68.132	6	1	190	5.300	4.502	0.4004	92	15
360	360	0.297	60.073	6	1	212	5.396	4.722	0.3990	89	15
400	360	0.266	51.191	6	1	226	6.344	5.220	0.9010	81	15
440	360	0.157	40.994	6	1	236	5.181	4.167	0.3292	79	15
480	360	9.42E-02	31.661	6	1	242	3.472	2.886	0.1846	82	15
520	360	6.26E-02	25.517	6	1	246	2.612	2.090	0.1214	82	15
560	360	4.48E-02	21.093	6	1	250	1.993	1.600	0.0559	83	15
600	360	3.39E-02	17.871	6	1	252	1.647	1.253	0.0382	83	15
20	380	2.34E-02	16.779	6	1	112	1.199	1.022	0.0220	92	15
60	380	3.02E-02	19.481	6	1	116	1.513	1.403	0.0282	93	15
100	380	3.79E-02	23.260	6	1	120	1.843	1.671	0.0338	93	15
140	380	4.75E-02	28.377	6	1	124	2.405	1.945	0.0938	93	15
180	380	6.05E-02	34.787	6	1	132	3.184	2.247	0.1488	93	15
220	380	7.55E-02	42.449	6	1	144	3.597	2.755	0.1811	94	15
260	380	9.55E-02	50.445	6	1	160	3.736	3.269	0.2134	95	15
300	380	0.130	55.196	6	1	178	3.829	3.496	0.2596	93	15
340	380	0.174	52.960	6	1	198	4.129	3.521	0.2661	91	15
380	380	0.188	46.907	6	1	214	4.544	3.903	0.3009	87	15
420	380	0.146	40.986	6	1	226	4.592	3.818	0.3161	81	15

460	380	0.105	33.662	6	1	234	4.012	3.111	0.2333	80	15
500	380	7.31E-02	27.324	6	1	240	3.036	2.407	0.1483	81	15
540	380	5.27E-02	22.551	6	1	244	2.405	1.863	0.0794	82	15
580	380	3.95E-02	18.968	6	1	248	1.786	1.414	0.0446	83	15
0	400	2.02E-02	15.112	6	1	114	1.106	0.939	0.0183	92	15
40	400	2.53E-02	17.502	6	1	116	1.330	1.197	0.0213	92	15
80	400	3.09E-02	20.482	6	1	120	1.540	1.425	0.0286	92	15
120	400	3.81E-02	24.101	6	1	126	1.847	1.622	0.0375	93	15
160	400	4.81E-02	28.636	6	1	134	2.386	1.856	0.0576	94	15
200	400	5.97E-02	34.516	6	1	142	2.961	2.331	0.1134	93	15
240	400	7.32E-02	40.024	6	1	156	3.265	2.658	0.1468	94	15
280	400	9.24E-02	44.938	6	1	170	3.258	2.906	0.1383	93	15
320	400	0.118	45.404	6	1	188	3.262	3.015	0.1563	93	15
360	400	0.135	42.558	6	1	204	3.446	2.947	0.1763	90	15
400	400	0.121	38.233	6	1	216	3.745	2.996	0.2273	86	15
440	400	9.83E-02	33.700	6	1	226	3.617	2.944	0.2172	81	15
480	400	7.68E-02	28.572	6	1	234	3.077	2.484	0.1699	80	15
520	400	5.82E-02	23.748	6	1	238	2.609	2.011	0.1149	81	15
560	400	4.46E-02	20.114	6	1	242	2.090	1.594	0.0587	81	15
600	400	3.49E-02	17.317	6	1	246	1.659	1.328	0.0368	81	15
20	420	2.12E-02	15.681	6	1	118	1.124	1.010	0.0193	92	15
60	420	2.59E-02	18.029	6	1	122	1.276	1.207	0.0235	92	15
100	420	3.14E-02	20.808	6	1	128	1.547	1.388	0.0344	93	15
140	420	3.87E-02	24.256	6	1	134	1.923	1.556	0.0439	94	15
180	420	4.81E-02	28.515	6	1	142	2.508	1.921	0.0623	93	15
220	420	5.85E-02	32.899	6	1	152	2.760	2.258	0.0775	94	15
260	420	7.10E-02	37.111	6	1	164	2.895	2.461	0.1003	93	15
300	420	8.65E-02	38.598	6	1	180	2.817	2.531	0.1222	93	15
340	420	0.100	38.053	6	1	194	2.802	2.590	0.1246	91	15
380	420	9.99E-02	35.267	6	1	208	3.056	2.637	0.1234	89	15
420	420	8.53E-02	32.133	6	1	218	3.026	2.483	0.1553	84	15
460	420	7.21E-02	28.375	6	1	226	3.004	2.368	0.1464	81	15
500	420	5.92E-02	24.481	6	1	232	2.622	1.998	0.1123	80	15
540	420	4.76E-02	21.020	6	1	238	2.208	1.697	0.0746	80	15
580	420	3.81E-02	18.093	6	1	242	1.804	1.410	0.0446	81	15
0	440	1.83E-02	14.162	6	1	120	0.995	0.896	0.0140	92	15
40	440	2.20E-02	15.959	6	1	124	1.153	1.028	0.0220	93	15
80	440	2.63E-02	18.299	6	1	128	1.369	1.194	0.0274	93	15
120	440	3.20E-02	21.079	6	1	134	1.651	1.329	0.0379	93	15
160	440	3.93E-02	24.374	6	1	140	1.994	1.577	0.0464	93	15
200	440	4.77E-02	27.659	6	1	150	2.306	1.823	0.0661	93	15
240	440	5.69E-02	30.948	6	1	160	2.434	2.069	0.0806	93	15
280	440	6.71E-02	33.160	6	1	172	2.417	2.111	0.0908	93	15
320	440	7.72E-02	33.395	6	1	186	2.517	2.225	0.0958	92	15
360	440	8.18E-02	32.233	6	1	198	2.535	2.204	0.0910	90	15
400	440	7.49E-02	29.792	6	1	210	2.695	2.163	0.0974	88	15
440	440	6.44E-02	27.352	6	1	218	2.491	2.065	0.1149	84	15
480	440	5.61E-02	24.379	6	1	226	2.467	1.926	0.1066	81	15
520	440	4.78E-02	21.402	6	1	232	2.145	1.689	0.0822	80	15
560	440	3.97E-02	18.657	6	1	236	1.860	1.436	0.0482	80	15
600	440	3.29E-02	16.348	6	1	240	1.580	1.211	0.0341	80	15
20	460	1.90E-02	14.479	6	1	124	1.025	0.899	0.0152	92	15
60	460	2.23E-02	16.380	6	1	128	1.179	1.051	0.0234	92	15
100	460	2.67E-02	18.455	6	1	134	1.369	1.153	0.0328	93	15
140	460	3.28E-02	21.008	6	1	140	1.665	1.340	0.0413	93	15
180	460	3.96E-02	23.593	6	1	148	1.987	1.571	0.0512	93	15
220	460	4.68E-02	26.500	6	1	156	2.128	1.765	0.0658	92	15
260	460	5.45E-02	28.375	6	1	168	2.157	1.895	0.0772	93	15
300	460	6.15E-02	29.301	6	1	180	2.185	1.966	0.0821	92	15
340	460	6.68E-02	29.039	6	1	192	2.256	2.031	0.0821	91	15
380	460	6.54E-02	27.738	6	1	202	2.268	2.044	0.0759	89	15
420	460	5.80E-02	25.793	6	1	212	2.258	1.861	0.0698	86	15
460	460	5.12E-02	23.875	6	1	220	2.241	1.759	0.0664	83	15
500	460	4.53E-02	21.462	6	1	226	2.075	1.628	0.0692	81	15
540	460	3.93E-02	18.912	6	1	230	1.889	1.369	0.0480	81	15
580	460	3.37E-02	16.784	6	1	236	1.685	1.311	0.0339	80	15
0	480	1.65E-02	13.128	6	1	126	0.923	0.812	0.0155	92	15
40	480	1.94E-02	14.565	6	1	130	1.040	0.924	0.0197	93	15
80	480	2.27E-02	16.389	6	1	134	1.186	0.993	0.0278	93	15
120	480	2.75E-02	18.388	6	1	140	1.334	1.154	0.0363	93	15
160	480	3.32E-02	20.641	6	1	146	1.780	1.375	0.0446	93	15
200	480	3.92E-02	22.860	6	1	154	1.816	1.544	0.0538	92	15
240	480	4.52E-02	24.710	6	1	164	1.911	1.609	0.0640	92	15
280	480	5.06E-02	25.946	6	1	174	1.903	1.712	0.0709	92	15
320	480	5.51E-02	26.297	6	1	184	1.969	1.741	0.0727	91	15
360	480	5.66E-02	25.337	6	1	196	2.025	1.765	0.0689	91	15
400	480	5.27E-02	24.148	6	1	204	2.035	1.672	0.0582	88	15
440	480	4.66E-02	22.616	6	1	212	1.939	1.567	0.0535	85	15
480	480	4.18E-02	20.951	6	1	220	1.916	1.542	0.0537	82	15
520	480	3.76E-02	18.989	6	1	226	1.775	1.360	0.0465	81	15

560	480	3.33E-02	16.953	6	1	230	1.629	1.191	0.0360	81	15
600	480	2.90E-02	15.097	6	1	234	1.436	1.063	0.0242	81	15
20	500	1.70E-02	13.284	6	1	130	0.930	0.814	0.0172	92	15
60	500	1.98E-02	14.780	6	1	134	1.052	0.906	0.0216	92	15
100	500	2.35E-02	16.315	6	1	140	1.171	1.008	0.0310	93	15
140	500	2.82E-02	18.112	6	1	146	1.364	1.184	0.0377	93	15
180	500	3.33E-02	19.989	6	1	152	1.634	1.355	0.0469	92	15
220	500	3.82E-02	21.643	6	1	160	1.693	1.407	0.0527	92	15
260	500	4.26E-02	22.863	6	1	170	1.762	1.547	0.0577	92	15
300	500	4.62E-02	23.385	6	1	180	1.760	1.534	0.0604	92	15
340	500	4.86E-02	23.228	6	1	190	1.826	1.595	0.0600	91	15
380	500	4.74E-02	22.554	6	1	198	1.814	1.610	0.0545	89	15
420	500	4.30E-02	21.384	6	1	206	1.761	1.464	0.0511	87	15
460	500	3.85E-02	20.150	6	1	214	1.764	1.388	0.0438	84	15
500	500	3.50E-02	18.622	6	1	220	1.707	1.308	0.0390	82	15
540	500	3.19E-02	16.994	6	1	226	1.536	1.168	0.0340	81	15
580	500	2.87E-02	15.298	6	1	230	1.421	1.028	0.0237	81	15
0	520	1.49E-02	12.129	6	1	130	0.858	0.740	0.0161	91	15
40	520	1.73E-02	13.378	6	1	134	0.934	0.827	0.0188	92	15
80	520	2.02E-02	14.774	6	1	138	1.030	0.912	0.0237	92	15
120	520	2.41E-02	16.255	6	1	144	1.203	1.008	0.0316	92	15
160	520	2.86E-02	17.805	6	1	150	1.430	1.144	0.0376	92	15
200	520	3.27E-02	19.126	6	1	158	1.469	1.253	0.0453	92	15
240	520	3.64E-02	20.304	6	1	166	1.578	1.346	0.0522	92	15
280	520	3.95E-02	21.007	6	1	176	1.608	1.407	0.0553	92	15
320	520	4.19E-02	21.276	6	1	184	1.641	1.433	0.0551	91	15
360	520	4.23E-02	20.889	6	1	192	1.662	1.451	0.0531	90	15
400	520	3.98E-02	20.079	6	1	202	1.654	1.402	0.0479	88	15
440	520	3.59E-02	19.186	6	1	208	1.590	1.259	0.0402	86	15
480	520	3.26E-02	18.149	6	1	216	1.604	1.245	0.0352	83	15
520	520	2.99E-02	16.691	6	1	220	1.437	1.138	0.0310	82	15
560	520	2.74E-02	15.322	6	1	226	1.359	1.028	0.0231	81	15
600	520	2.50E-02	13.903	6	1	230	1.247	0.927	0.0225	81	15
20	540	1.52E-02	12.187	6	1	134	0.826	0.719	0.0178	91	15
60	540	1.77E-02	13.364	6	1	138	0.885	0.804	0.0205	92	15
100	540	2.09E-02	14.496	6	1	144	1.044	0.867	0.0254	92	15
140	540	2.46E-02	15.781	6	1	150	1.228	0.989	0.0338	92	15
180	540	2.83E-02	17.029	6	1	156	1.319	1.128	0.0370	92	15
220	540	3.14E-02	18.102	6	1	164	1.367	1.199	0.0428	92	15
260	540	3.42E-02	18.902	6	1	172	1.473	1.294	0.0474	92	15
300	540	3.63E-02	19.247	6	1	180	1.539	1.268	0.0505	92	15
340	540	3.74E-02	19.283	6	1	188	1.503	1.291	0.0487	90	15
380	540	3.65E-02	18.783	6	1	196	1.527	1.358	0.0451	89	15
420	540	3.36E-02	18.199	6	1	204	1.508	1.178	0.0382	87	15
460	540	3.06E-02	17.154	6	1	210	1.421	1.121	0.0339	86	15
500	540	2.81E-02	16.122	6	1	216	1.377	1.076	0.0275	84	15
540	540	2.59E-02	15.170	6	1	222	1.277	1.011	0.0225	81	15
580	540	2.40E-02	13.941	6	1	226	1.218	0.884	0.0219	81	15
0	560	1.36E-02	11.178	6	1	134	0.736	0.659	0.0158	91	15
40	560	1.56E-02	12.172	6	1	138	0.787	0.713	0.0194	91	15
80	560	1.83E-02	13.252	6	1	142	0.937	0.790	0.0220	91	15
120	560	2.15E-02	14.334	6	1	148	1.064	0.875	0.0249	92	15
160	560	2.46E-02	15.430	6	1	154	1.214	0.993	0.0320	92	15
200	560	2.73E-02	16.436	6	1	160	1.239	1.052	0.0378	91	15
240	560	2.98E-02	17.172	6	1	168	1.320	1.157	0.0396	91	15
280	560	3.18E-02	17.646	6	1	176	1.341	1.171	0.0430	91	15
320	560	3.31E-02	17.765	6	1	184	1.398	1.165	0.0425	91	15
360	560	3.31E-02	17.546	6	1	192	1.387	1.251	0.0402	90	15
400	560	3.15E-02	17.197	6	1	198	1.448	1.119	0.0373	88	15
440	560	2.88E-02	16.381	6	1	206	1.381	1.040	0.0317	87	15
480	560	2.64E-02	15.690	6	1	212	1.297	1.027	0.0268	84	15
520	560	2.45E-02	14.647	6	1	216	1.225	0.984	0.0216	83	15
560	560	2.28E-02	13.821	6	1	222	1.160	0.854	0.0214	81	15
600	560	2.12E-02	12.751	6	1	226	1.095	0.806	0.0194	81	15
20	580	1.40E-02	11.149	6	1	138	0.743	0.659	0.0175	91	15
60	580	1.61E-02	12.074	6	1	142	0.846	0.711	0.0207	91	15
100	580	1.88E-02	13.002	6	1	148	0.956	0.770	0.0243	92	15
140	580	2.16E-02	13.980	6	1	152	1.101	0.872	0.0250	91	15
180	580	2.40E-02	14.858	6	1	158	1.138	0.953	0.0295	91	15
220	580	2.62E-02	15.486	6	1	166	1.226	1.046	0.0358	92	15
260	580	2.80E-02	16.129	6	1	172	1.261	1.107	0.0384	91	15
300	580	2.95E-02	16.367	6	1	180	1.295	1.082	0.0410	91	15
340	580	3.00E-02	16.417	6	1	186	1.296	1.134	0.0380	90	15
380	580	2.92E-02	16.148	6	1	194	1.372	1.065	0.0353	89	15
420	580	2.73E-02	15.606	6	1	200	1.314	0.977	0.0303	87	15
460	580	2.50E-02	14.987	6	1	206	1.236	0.944	0.0241	86	15
500	580	2.31E-02	14.273	6	1	212	1.154	0.907	0.0209	84	15
540	580	2.16E-02	13.494	6	1	218	1.099	0.848	0.0208	82	15
580	580	2.01E-02	12.657	6	1	222	1.039	0.772	0.0187	81	15
0	600	1.26E-02	10.306	6	1	138	0.696	0.613	0.0171	91	15

40	600	1.44E-02	11.099	6	1	142	0.771	0.658	0.0191	91	15
80	600	1.66E-02	11.911	6	1	146	0.867	0.696	0.0219	91	15
120	600	1.91E-02	12.710	6	1	152	0.970	0.760	0.0237	92	15
160	600	2.12E-02	13.540	6	1	156	1.035	0.867	0.0255	91	15
200	600	2.31E-02	14.258	6	1	162	1.117	0.894	0.0271	91	15
240	600	2.49E-02	14.774	6	1	170	1.145	0.988	0.0321	91	15
280	600	2.63E-02	15.118	6	1	176	1.235	1.024	0.0355	91	15
320	600	2.71E-02	15.211	6	1	184	1.231	1.048	0.0351	90	15
360	600	2.69E-02	15.045	6	1	190	1.205	1.021	0.0328	90	15
400	600	2.58E-02	14.813	6	1	196	1.241	0.927	0.0289	88	15
440	600	2.38E-02	14.407	6	1	202	1.173	0.913	0.0230	86	15
480	600	2.19E-02	13.872	6	1	208	1.125	0.887	0.0207	84	15
520	600	2.05E-02	13.217	6	1	214	1.053	0.824	0.0198	83	15
560	600	1.92E-02	12.380	6	1	218	0.989	0.741	0.0181	82	15
600	600	1.80E-02	11.673	6	1	222	0.994	0.708	0.0181	81	15

Koniec obliczen 13:36:1 Data:2018.1.29

Roza: Dane: dfPM256 Wyniki: wfPM256

MAKSIMUM STEZEN SREDNICH WYNOSI 2.604 ug/m3

340	300	2.604	151.022	6	1	230	24.626	21.823	24.77	81	15

MAKSIMUM STEZEN MAKS. 1-godz. WYNOSI 230.633 ug/m3

320	280	0.651	230.633	6	1	234	52.553	32.269	2.76	97	15

MAKSIMUM PERCENTYLA S99.8 WYNOSI 90.669 ug/m3

200	200	1.949	192.071	6	1	54	90.669	86.496	4.85	74	21

MAKSIMUM PERCENTYLA S99.7 WYNOSI 86.496 ug/m3

200	200	1.949	192.071	6	1	54	90.669	86.496	4.85	74	21

MAKSIMUM CZESTOSCI PRZEKROCZEN STEZENIA 3.500 ug/m3 WYNOSI 24.77 %

340	300	2.604	151.022	6	1	230	24.626	21.823	24.77	81	15

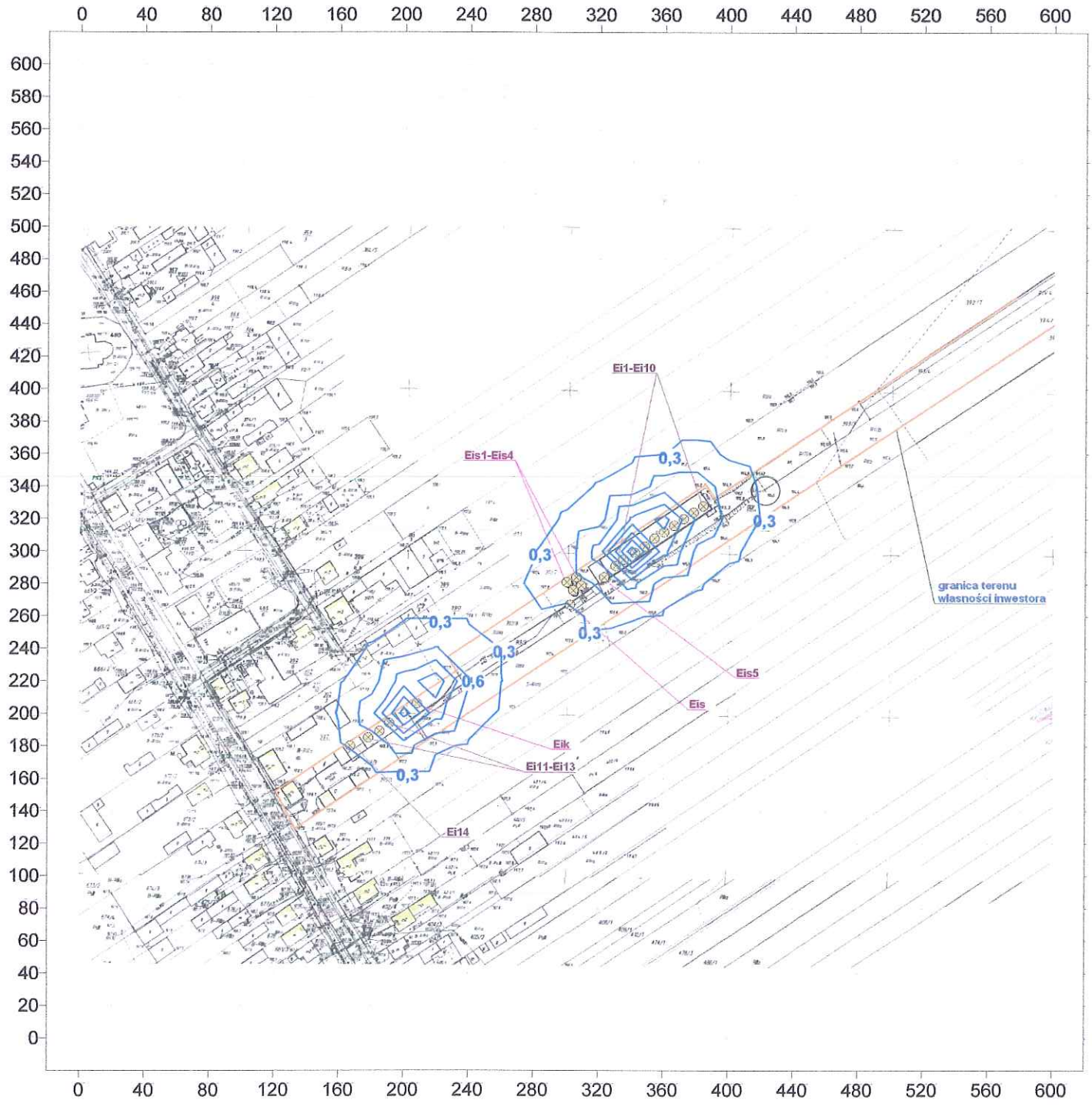
"EKO - PROJEKT"

Program Rww (C)EkoSoft
Zbiór wyników: H:\KOMIN_10

Obiekt chowu trzody chlewnej
ZANIECZYSZCZENIE : pyl zawieszony PM2,5
Drukowany parametr: STĘŻENIA ŚREDNIE ROCZNE [ug/m3]
Liczba punktów w siatce: 481 maksimum: 2,604 w punkcie: x=340 y=300

ZAŁĄCZNIK NR 88

SKALA 1:3 592



stężenia średnioroczne pyłu zawieszonego PM2,5 na poziomie zabudowy (6,0 m) w żadnym punkcie siatki obliczeniowej nie przekraczają dopuszczalnego poziomu substancji w powietrzu dla roku kalendarzowego, który do dnia 1 stycznia 2020 roku winien wynieść 3,5 mg/m^3

"EKO - PROJEKT"

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*****************************************************************************
*                                                                           *
*              P R O G R A M     K O M I N                                  *
*                                                                           *
*              1986-2010    wersja 6.12  z dnia:  07.09.2010                *
*  Opracowany wedlug Rozporzadzenia Mi [redacted] r.                        *
*  Autor: [redacted] t.pl                                                   *
*                                                                           *
*                                                                           *
*                 EKO-PROJEKT [redacted]                                    *
*                                                                           *
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Data: 2018.1.30 9:2:40

Nazwa zbioru danych: dfojopad
Nazwa zbioru wynikow: wfojopad

Obiekt chowu trzody chlewnej - [redacted]

ZANIECZYSZCZENIE : opad pylu

Oznaczenia: H - formula HOLLANDA
C - formula CONCAWE

Emitor numer	Nazwa emitora	x[m]	y[m]	h[m]	d[m]	v[m/s]	T[K]	TO[K]	Q[MW]	FORMULA	Emisja [g/s]	w [m/s]	CEMIS [-]
1 Ei1		330	291	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
2 Ei2		335	295	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
3 Ei3		342	299	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
4 Ei4		348	303	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
5 Ei5		354	308	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
6 Ei6		360	312	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
7 Ei7		366	316	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
8 Ei8		372	320	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
9 Ei9		378	324	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
10 Ei10		384	328	5.2	0.66	2.40	291	281	0.0	H	0.000167	0.000090	1.0000
											0.000585	0.002200	
											0.000418	0.012800	
											0.000300	0.070000	
											0.000200	0.320000	
11 Ei11		191	194	6.3	0.59	3.80	297	281	0.0	H	0.000208	0.000090	1.0000

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12 Ei12	185	189	6.3	0.59	3.80	297	281	0.0	H	0.000730 0.002200 0.000520 0.012800 0.000370 0.070000 0.000250 0.320000 0.000208 0.000090	1.0000	
13 Ei13	178	185	6.3	0.59	3.80	297	281	0.0	H	0.000730 0.002200 0.000520 0.012800 0.000370 0.070000 0.000250 0.320000 0.000208 0.000090	1.0000	
14 Ei14	167	180	6.5	0.42	7.50	297	281	0.0	H	0.000730 0.002200 0.000520 0.012800 0.000370 0.070000 0.000250 0.320000 0.000208 0.000090	1.0000	
15 Eis	302	267	0.2	1.35	0.00	281	281	0.0	H	0.202500 0.002200 0.262500 0.012800 0.150000 0.070000 0.090000 0.320000 0.045000 0.000090	0.0096	
16 Eis1	309	279	0.6	0.15	0.00	281	281	0.0	H	0.001440 0.002200 0.004800 0.012800 0.001040 0.070000 0.000400 0.320000 0.000320 0.000090	0.0309	
17 Eis2	306	284	0.6	0.15	0.00	281	281	0.0	H	0.001440 0.002200 0.004800 0.012800 0.001040 0.070000 0.000400 0.320000 0.000320 0.000090	0.0309	
18 Eis3	304	276	0.6	0.15	0.00	281	281	0.0	H	0.001440 0.002200 0.004800 0.012800 0.001040 0.070000 0.000400 0.320000 0.000320 0.000090	0.0309	
19 Eis4	300	281	0.6	0.15	0.00	281	281	0.0	H	0.001440 0.002200 0.004800 0.012800 0.001040 0.070000 0.000400 0.320000 0.000320 0.000090	0.0309	
20 Eis5	323	284	2.0	3.40	0.00	281	281	0.0	H	0.001440 0.002200 0.004800 0.012800 0.001040 0.070000 0.000400 0.320000 0.001040 0.000090 0.001040 0.002200	0.1140	

SZORSTKOSC z0[m] 0.230
WYSOKOSC ANEMOMETRU ha[m] 14

"EKO - PROJEKT"

PROGRAM KOMIN (C) EkoSoft
Użytkownik:
Obiekt chowu trzody chlewnej
ZANIECZYSZCZENIE : opad pylu

OPAD PYLU [g/m2/rok]

x [m]	y [m]	OPAD	x [m]	y [m]	OPAD	x [m]	y [m]	OPAD
0	0	4.6E-02	20	20	6.0E-02	0	40	6.9E-02
40	0	5.7E-02	60	20	7.8E-02	40	40	8.2E-02
80	0	7.0E-02	100	20	9.7E-02	80	40	1.1E-01
120	0	8.3E-02	140	20	1.1E-01	120	40	1.4E-01
160	0	8.9E-02	180	20	1.2E-01	160	40	1.6E-01
200	0	9.2E-02	220	20	1.2E-01	200	40	1.6E-01
240	0	9.5E-02	260	20	1.2E-01	240	40	1.6E-01
280	0	8.5E-02	300	20	9.6E-02	280	40	1.3E-01
320	0	7.2E-02	340	20	8.4E-02	320	40	1.1E-01
360	0	6.5E-02	380	20	8.0E-02	360	40	1.0E-01
400	0	6.2E-02	420	20	6.7E-02	400	40	8.5E-02
440	0	5.4E-02	460	20	5.7E-02	440	40	7.2E-02
480	0	4.6E-02	500	20	4.8E-02	480	40	6.0E-02
520	0	3.9E-02	540	20	3.9E-02	520	40	4.8E-02
560	0	3.2E-02	580	20	3.3E-02	560	40	4.0E-02
600	0	2.7E-02	620	20	2.8E-02	600	40	3.4E-02
20	60	9.5E-02	0	80	8.9E-02	20	100	1.2E-01
60	60	1.2E-01	40	80	1.4E-01	60	100	2.1E-01
100	60	1.7E-01	80	80	1.8E-01	100	100	3.1E-01
140	60	2.2E-01	120	80	2.8E-01	140	100	5.1E-01
180	60	2.3E-01	160	80	3.4E-01	180	100	5.7E-01
220	60	2.4E-01	200	80	3.5E-01	220	100	5.4E-01
260	60	1.9E-01	240	80	3.1E-01	260	100	3.8E-01
300	60	1.6E-01	280	80	2.3E-01	300	100	2.9E-01
340	60	1.4E-01	320	80	2.0E-01	340	100	2.1E-01
380	60	1.1E-01	360	80	1.5E-01	380	100	1.6E-01
420	60	9.1E-02	400	80	1.2E-01	420	100	1.3E-01
460	60	7.6E-02	440	80	9.8E-02	460	100	1.0E-01
500	60	6.1E-02	480	80	7.8E-02	500	100	9.0E-02
540	60	4.9E-02	520	80	6.2E-02	540	100	7.6E-02
580	60	4.1E-02	560	80	5.4E-02	580	100	6.6E-02
620	60	3.8E-02	600	80	5.1E-02	620	100	5.5E-02
0	120	1.1E-01	20	140	1.6E-01	0	160	1.6E-01
40	120	1.8E-01	60	140	2.9E-01	40	160	3.0E-01
80	120	3.4E-01	100	140	6.6E-01	80	160	6.0E-01
120	120	6.0E-01	140	140	1.5	120	160	1.5
160	120	1.0	180	140	2.5	160	160	4.9
200	120	1.1	220	140	1.7	200	160	5.6
240	120	7.0E-01	260	140	8.7E-01	240	160	1.9
280	120	4.8E-01	300	140	4.6E-01	280	160	9.4E-01
320	120	3.0E-01	340	140	3.4E-01	320	160	6.4E-01
360	120	2.2E-01	380	140	2.9E-01	360	160	4.4E-01
400	120	1.9E-01	420	140	2.3E-01	400	160	3.3E-01
440	120	1.6E-01	460	140	1.8E-01	440	160	2.5E-01
480	120	1.3E-01	500	140	1.3E-01	480	160	1.8E-01
520	120	1.0E-01	540	140	1.1E-01	520	160	1.4E-01
560	120	8.2E-02	580	140	8.5E-02	560	160	1.1E-01
600	120	6.8E-02	620	140	6.4E-02	600	160	7.9E-02
20	180	2.3E-01	0	200	1.7E-01	20	220	2.1E-01
60	180	4.6E-01	40	200	3.1E-01	60	220	3.8E-01
100	180	1.2	80	200	7.0E-01	100	220	8.2E-01
140	180	5.8	120	200	2.1	140	220	2.7
180	180	4.6	160	200	9.7	180	220	9.6
220	180	8.7	200	200	18.1	220	220	7.3
260	180	2.2	240	200	4.4	260	220	2.4
300	180	9.9E-01	280	200	1.5	300	220	1.5
340	180	6.4E-01	320	200	9.7E-01	340	220	1.2
380	180	4.8E-01	360	200	7.4E-01	380	220	9.9E-01
420	180	3.6E-01	400	200	5.7E-01	420	220	6.7E-01
460	180	2.6E-01	440	200	4.0E-01	460	220	4.3E-01
500	180	1.9E-01	480	200	2.8E-01	500	220	2.9E-01
540	180	1.4E-01	520	200	1.9E-01	540	220	1.8E-01
580	180	1.0E-01	560	200	1.3E-01	580	220	1.2E-01

"EKO - PROJEKT"

620	180	7.2E-02	600	200	9.4E-02	620	220	9.3E-02
0	240	1.5E-01	20	260	1.7E-01	0	280	1.3E-01
40	240	2.4E-01	60	260	2.9E-01	40	280	2.0E-01
80	240	4.6E-01	100	260	5.6E-01	80	280	3.4E-01
120	240	1.1	140	260	1.2	120	280	6.5E-01
160	240	2.8	180	260	2.1	160	280	1.1
200	240	4.0	220	260	1.9	200	280	1.4
240	240	2.9	260	260	2.2	240	280	1.6
280	240	2.1	300	260	18.5	280	280	3.8
320	240	2.4	340	260	5.6	320	280	20.8
360	240	2.1	380	260	3.4	360	280	12.8
400	240	1.3	420	260	1.6	400	280	4.8
440	240	7.7E-01	460	260	8.0E-01	440	280	1.8
480	240	4.5E-01	500	260	4.3E-01	480	280	8.1E-01
520	240	2.5E-01	540	260	2.7E-01	520	280	4.3E-01
560	240	1.7E-01	580	260	1.9E-01	560	280	2.7E-01
600	240	1.3E-01	620	260	1.4E-01	600	280	1.8E-01
20	300	1.4E-01	0	320	1.1E-01	20	340	1.2E-01
60	300	2.3E-01	40	320	1.6E-01	60	340	1.9E-01
100	300	4.1E-01	80	320	2.7E-01	100	340	2.7E-01
140	300	6.3E-01	120	320	3.9E-01	140	340	4.0E-01
180	300	9.3E-01	160	320	6.2E-01	180	340	5.5E-01
220	300	1.2	200	320	8.0E-01	220	340	7.4E-01
260	300	2.0	240	320	1.2	260	340	1.3
300	300	8.2	280	320	2.7	300	340	3.3
340	300	25.5	320	320	11.7	340	340	11.5
380	300	22.0	360	320	36.8	380	340	26.9
420	300	5.0	400	320	23.3	420	340	8.1
460	300	1.6	440	320	3.6	460	340	1.9
500	300	7.5E-01	480	320	1.2	500	340	7.6E-01
540	300	3.9E-01	520	320	5.4E-01	540	340	3.9E-01
580	300	2.4E-01	560	320	3.0E-01	580	340	2.3E-01
620	300	1.5E-01	600	320	1.9E-01	620	340	1.5E-01
0	360	9.4E-02	20	380	1.1E-01	0	400	8.6E-02
40	360	1.4E-01	60	380	1.4E-01	40	400	1.1E-01
80	360	1.9E-01	100	380	1.9E-01	80	400	1.4E-01
120	360	2.7E-01	140	380	2.7E-01	120	400	1.8E-01
160	360	3.8E-01	180	380	3.5E-01	160	400	2.5E-01
200	360	5.0E-01	220	380	4.8E-01	200	400	3.4E-01
240	360	7.4E-01	260	380	7.7E-01	240	400	4.9E-01
280	360	1.4	300	380	1.5	280	400	8.1E-01
320	360	3.5	340	380	2.9	320	400	1.4
360	360	7.8	380	380	3.9	360	400	2.0
400	360	6.9	420	380	2.3	400	400	1.8
440	360	2.9	460	380	1.4	440	400	1.1
480	360	1.2	500	380	7.2E-01	480	400	8.1E-01
520	360	5.7E-01	540	380	4.1E-01	520	400	4.7E-01
560	360	3.0E-01	580	380	2.5E-01	560	400	3.0E-01
600	360	1.8E-01	620	380	1.6E-01	600	400	2.0E-01
20	420	8.5E-02	0	440	6.8E-02	20	460	6.8E-02
60	420	1.1E-01	40	440	8.4E-02	60	460	8.3E-02
100	420	1.3E-01	80	440	1.0E-01	100	460	1.1E-01
140	420	1.9E-01	120	440	1.4E-01	140	460	1.4E-01
180	420	2.5E-01	160	440	1.9E-01	180	460	1.8E-01
220	420	3.4E-01	200	440	2.4E-01	220	460	2.5E-01
260	420	5.0E-01	240	440	3.4E-01	260	460	3.4E-01
300	420	7.8E-01	280	440	4.9E-01	300	460	4.4E-01
340	420	1.1	320	440	6.8E-01	340	460	5.5E-01
380	420	1.2	360	440	8.3E-01	380	460	5.7E-01
420	420	9.7E-01	400	440	7.6E-01	420	460	4.9E-01
460	420	6.4E-01	440	440	5.8E-01	460	460	3.8E-01
500	420	5.2E-01	480	440	4.1E-01	500	460	2.8E-01
540	420	3.3E-01	520	440	3.5E-01	540	460	2.5E-01
580	420	2.2E-01	560	440	2.4E-01	580	460	1.8E-01
620	420	1.6E-01	600	440	1.7E-01	620	460	1.3E-01
0	480	5.6E-02	20	500	5.5E-02	0	520	4.6E-02
40	480	6.7E-02	60	500	6.6E-02	40	520	5.5E-02
80	480	8.2E-02	100	500	8.7E-02	80	520	6.9E-02
120	480	1.1E-01	140	500	1.1E-01	120	520	9.1E-02
160	480	1.4E-01	180	500	1.4E-01	160	520	1.1E-01
200	480	1.9E-01	220	500	1.8E-01	200	520	1.4E-01
240	480	2.4E-01	260	500	2.2E-01	240	520	1.7E-01
280	480	3.0E-01	300	500	2.7E-01	280	520	2.0E-01
320	480	3.8E-01	340	500	3.3E-01	320	520	2.4E-01
360	480	4.3E-01	380	500	3.2E-01	360	520	2.6E-01

400	480	4.0E-01	420	500	2.9E-01	400	520	2.4E-01
440	480	3.3E-01	460	500	2.4E-01	440	520	2.1E-01
480	480	2.6E-01	500	500	1.9E-01	480	520	1.7E-01
520	480	2.0E-01	540	500	1.5E-01	520	520	1.4E-01
560	480	1.9E-01	580	500	1.5E-01	560	520	1.2E-01
600	480	1.4E-01	620	500	1.1E-01	600	520	1.2E-01
20	540	4.6E-02	0	560	3.8E-02	20	580	3.9E-02
60	540	5.5E-02	40	560	4.6E-02	60	580	4.8E-02
100	540	7.4E-02	80	560	5.9E-02	100	580	6.4E-02
140	540	9.3E-02	120	560	7.6E-02	140	580	7.7E-02
180	540	1.2E-01	160	560	9.4E-02	180	580	8.7E-02
220	540	1.3E-01	200	560	1.1E-01	220	580	9.9E-02
260	540	1.5E-01	240	560	1.2E-01	260	580	1.1E-01
300	540	1.8E-01	280	560	1.4E-01	300	580	1.3E-01
340	540	2.1E-01	320	560	1.6E-01	340	580	1.4E-01
380	540	2.0E-01	360	560	1.7E-01	380	580	1.4E-01
420	540	1.8E-01	400	560	1.6E-01	420	580	1.3E-01
460	540	1.6E-01	440	560	1.4E-01	460	580	1.1E-01
500	540	1.3E-01	480	560	1.2E-01	500	580	9.9E-02
540	540	1.1E-01	520	560	1.0E-01	540	580	8.4E-02
580	540	9.5E-02	560	560	9.0E-02	580	580	7.3E-02
620	540	9.4E-02	600	560	7.7E-02	620	580	6.4E-02
0	600	3.4E-02	20	620	3.4E-02	0	640	3.0E-02
40	600	4.0E-02	60	620	4.3E-02	40	640	3.6E-02
80	600	5.2E-02	100	620	5.5E-02	80	640	4.7E-02
120	600	6.5E-02	140	620	6.1E-02	120	640	5.2E-02
160	600	7.3E-02	180	620	6.8E-02	160	640	5.7E-02
200	600	8.1E-02	220	620	7.5E-02	200	640	6.3E-02
240	600	9.0E-02	260	620	8.5E-02	240	640	7.0E-02
280	600	1.0E-01	300	620	9.8E-02	280	640	8.1E-02
320	600	1.2E-01	340	620	1.0E-01	320	640	8.7E-02
360	600	1.2E-01	380	620	9.9E-02	360	640	8.7E-02
400	600	1.1E-01	420	620	9.3E-02	400	640	8.4E-02
440	600	1.0E-01	460	620	8.4E-02	440	640	7.7E-02
480	600	9.2E-02	500	620	7.5E-02	480	640	7.0E-02
520	600	8.0E-02	540	620	6.6E-02	520	640	6.2E-02
560	600	6.8E-02	580	620	5.7E-02	560	640	5.5E-02
600	600	6.1E-02	620	620	5.1E-02	600	640	4.8E-02

Koniec obliczen 9:2:41 Data:2018.1.30

Roza: H:\KOMIN_10\roze\wielun.r Dane: dfojopad Wyniki: wfojopad