

według metodyki referencyjnej DZ.U. Nr 16 poz. 87 z 03.02.2010

Licencja: 1/Je/OKR/03/10 z dnia 14.06.2003

Obiekt: Rozbudowa chlewni - Różyce Żurawieniec

PROGRAM OPA03 DANE WEJŚCIOWE

I.1 Współczynnik aerodynamicznej szorstkości terenu z0 [m]

Współczynnik szorstkości z0		
Rok	Zima	Lato
0.50000	0.50000	0.50000

I.2 Stacja meteorologiczna: KOŁO

Obserwacje meteorologiczne: niemodyfikowane

II. Wartości odniesienia (Dz.U.Nr 16/2010 poz. 87) lub
 dopuszczalne poziomy substancji łącznie z marginesami
 tolerancji dla danego roku (Dz.U. Nr 47 z 2008 r. poz. 281
 uśrednione dla 1 godziny (D1) oraz roku kalendarzowego (Da)

Lp	Nr	Nr wg CAS	Wartości odniesienia substancji		Tło subs- tancji	
			uśrednione dla 1 godziny D1	uśrednione dla roku Da		
			[ug/m3]	[ug/m3]		
9	9	7664-41-7	Amoniak	400.000	50.000	5.000

III/P. Emitory punktowe

Lp	Nazwa emitora	Współrzędne		Wyso kość	Średni- ca wylo- towa	Temp. wylotowa	Ciepło własciwe
		x	y				
		m	m	m	m	st.K	kJ/m3 K
1	E1	66	65	7.0	0.50	293.0	
2	E2	63	74	7.0	0.50	293.0	
3	E3	69	82	7.0	0.50	293.0	
4	E4	65	91	7.0	0.50	293.0	
5	E5	74	103	7.0	0.50	293.0	
6	E6	69	114	7.0	0.50	293.0	
7	E7	77	121	7.0	0.50	293.0	
8	E8	32	100	8.0	0.50	293.0	
9	E9	40	107	8.0	0.50	293.0	
10	E10	34	118	8.0	0.50	293.0	
11	E11	42	122	8.0	0.50	293.0	
12	E12	36	130	8.0	0.50	293.0	
13	E13	45	135	8.0	0.50	293.0	
14	E14	39	142	8.0	0.50	293.0	
15	E15	77	145	3.0	0.25	280.9	
16	E16	47	161	0.1	0.25	280.9	

IV. Emisja gazowa

Lp	Substancja	Emisja 1-godz.
	Nazwa	[kg/h]
		em. liniowe :
		[kg/(h x 100 m)]

Charakterystyka emisji nr 1

E1/lato,E2/lato,E3/lato,E4/lato,E5/lato,E6/lato,E7/lato,E1/zima,E2,...

9 Amoniak 0.02625

Charakterystyka emisji nr 2

E8/lato,E9/lato,E10/lato,E11/lato,E12/lato,E13/lato,E14/lato,E8/zi0...

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9  Amoniak                                0.03482

Charakterystyka emisji nr 3
E15/lato,E15/zima,E15/tylko_zbiorniki
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9  Amoniak                                0.05511

Charakterystyka emisji nr 4
E16/lato,E16/zima,E16/tylko_zbiorniki
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9  Amoniak                                0.01677

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V. Podokres nr 1 : lato

Długość podokresu w godz. = 3600
Dane meteorologiczne sezonu : lato
Średnia temperatura podokresu = 287.0 st.K

Emitory czynne w podokresie: lato

Lp	Typ emi- tora P/L/A	Nr emi tora	Nazwa emitora	Numer charakterystyki emisji	Prędkość wylotowa gazow gazów
					m/s
1	P	1	E1	1	11.80
2	P	2	E2	1	11.80
3	P	3	E3	1	11.80
4	P	4	E4	1	11.80
5	P	5	E5	1	11.80
6	P	6	E6	1	11.80
7	P	7	E7	1	11.80
8	P	8	E8	2	11.10
9	P	9	E9	2	11.10
10	P	10	E10	2	11.10
11	P	11	E11	2	11.10
12	P	12	E12	2	11.10
13	P	13	E13	2	11.10
14	P	14	E14	2	11.10
15	P	15	E15	3	0.00
16	P	16	E16	4	0.00

V. Podokres nr 2 : zima

Długość podokresu w godz. = 3600
Dane meteorologiczne sezonu : zima
Średnia temperatura podokresu = 274.8 st.K

Emitory czynne w podokresie: zima

Lp	Typ emi- tora P/L/A	Nr emi tora	Nazwa emitora	Numer charakterystyki emisji	Prędkość wylotowa gazow gazów
					m/s
1	P	1	E1	1	2.20
2	P	2	E2	1	2.20
3	P	3	E3	1	2.20
4	P	4	E4	1	2.20
5	P	5	E5	1	2.20
6	P	6	E6	1	2.20
7	P	7	E7	1	2.20
8	P	8	E8	2	2.10
9	P	9	E9	2	2.10
10	P	10	E10	2	2.10
11	P	11	E11	2	2.10
12	P	12	E12	2	2.10
13	P	13	E13	2	2.10
14	P	14	E14	2	2.10
15	P	15	E15	3	0.00
16	P	16	E16	4	0.00

V. Podokres nr 3 : tylko_zbiorniki

Długość podokresu w godz. = 1560

Dane meteorologiczne sezonu : rok
Średnia temperatura podokresu = 280.9 st.K

Emitory czynne w podokresie: tylko_zbiorniki

Lp	Typ emi- tora P/L/A	Nr emi tora	Nazwa emitora	Numer charakterystyki emisji	Prędkość wylotowa gazów gazów
					m/s
1	P	15	E15	3	0.00
2	P	16	E16	4	0.00

VI. Granice terenu zakładu
Współrzędne wieloboku [m]

Lp	x	y
1		
2	84	-15
3	124	204
4	37	204

Roczna emisja zanieczyszczeń gazowych w Mg

1. Amoniak 3.708

Koniec danych

Z.U.O. "EKO - SOFT"
93-554 Łódź ul. Rogozińskiego 17/7 tel. 042 648 71 85
OBLICZANIE STANU ZANIECZYSZCZENIA POWIETRZA ATMOSFERYCZNEGO
SYSTEM OPA03 PROGRAM OPA03 WERSJA 4.0 DLA PC

według metodyki referencyjnej DZ.U. Nr 16 poz. 87 z 03.02.2010

Właściciel licencji: Biuro Opracowań Środowiskowych
"PRO - EKO"
ul. Zielona 7 95-046 Jeżów
Licencja: 1/Je/OKR/03/10 z dnia 14.06.2003

Obiekt: Rozbudowa chlewni - Różyce Żurawieniec

Amoniak. Stężenie 1-godz. i wartości średniookresowe

Współrzędne receptora			Maksymalne stężenie 1-godz.				Stężenie średnio- roczne	Częstość przekro- czeń D1
x	y	z	Smxyz	Syt. met. vw	Nr kl.r.	okresu	Sa	%
m	m	m	ug/m3	m/s	-	-	ug/m3	%
-100	200	0.0	101.457	1	6	2	1.67596	0.000
-90	200	0.0	105.701	1	6	2	1.81258	0.000
-80	200	0.0	112.331	1	6	2	1.96506	0.000
-70	200	0.0	115.264	1	6	2	2.15084	0.000
-60	200	0.0	118.822	1	6	2	2.35747	0.000
-50	200	0.0	125.333	1	6	2	2.59634	0.000
-40	200	0.0	128.819	1	6	2	2.87799	0.000
-30	200	0.0	131.873	1	6	2	3.20752	0.000
-20	200	0.0	139.511	1	6	2	3.59147	0.000
-10	200	0.0	143.410	1	6	2	4.04683	0.000
0	200	0.0	150.900	1	6	2	4.59212	0.000
10	200	0.0	154.356	1	6	2	5.25540	0.000
20	200	0.0	162.680	1	6	2	6.03817	0.000
30	200	0.0	172.167	1	6	2	6.87705	0.000
130	200	0.0	157.455	1	6	2	4.12763	0.000
140	200	0.0	148.499	1	6	2	3.77092	0.000
150	200	0.0	141.216	1	6	2	3.46256	0.000
160	200	0.0	135.882	1	6	2	3.15129	0.000
170	200	0.0	126.898	1	6	2	2.91156	0.000
180	200	0.0	119.275	1	6	2	2.68726	0.000
190	200	0.0	115.013	1	6	2	2.48281	0.000
200	200	0.0	109.220	1	6	2	2.31226	0.000
-100	190	0.0	105.363	1	6	2	1.76295	0.000
-90	190	0.0	109.267	1	6	2	1.91125	0.000
-80	190	0.0	112.209	1	6	2	2.08626	0.000
-70	190	0.0	116.728	1	6	2	2.28139	0.000

-60	190	0.0	119.496	1	6	2	2.51572	0.000
-50	190	0.0	124.407	1	6	2	2.79061	0.000
-40	190	0.0	128.689	1	6	2	3.10964	0.000
-30	190	0.0	129.555	1	6	2	3.49943	0.000
-20	190	0.0	136.610	1	6	2	3.94920	0.000
-10	190	0.0	145.646	1	6	2	4.49937	0.000
0	190	0.0	147.629	1	6	2	5.17870	0.000
10	190	0.0	153.127	1	6	2	6.04602	0.000
20	190	0.0	163.232	1	6	2	7.18804	0.000
30	190	0.0	178.268	1	6	2	8.61483	0.000
130	190	0.0	165.805	1	6	2	4.81378	0.000
140	190	0.0	157.549	1	6	2	4.31397	0.000
150	190	0.0	145.135	1	6	2	3.89009	0.000
160	190	0.0	136.203	1	6	2	3.54501	0.000
170	190	0.0	130.348	1	6	2	3.22368	0.000
180	190	0.0	121.354	1	6	2	2.95640	0.000
190	190	0.0	116.850	1	6	2	2.71386	0.000
200	190	0.0	109.623	1	6	2	2.50590	0.000
-100	180	0.0	106.063	1	6	2	1.85039	0.000
-90	180	0.0	107.099	1	6	2	2.01694	0.000
-80	180	0.0	110.145	1	6	2	2.20791	0.000
-70	180	0.0	118.168	1	6	2	2.42090	0.000
-60	180	0.0	118.202	1	6	2	2.68599	0.000
-50	180	0.0	125.189	1	6	2	2.98658	0.000
-40	180	0.0	126.665	1	6	2	3.36243	0.000
-30	180	0.0	130.159	1	6	2	3.80357	0.000
-20	180	0.0	136.048	1	6	2	4.34222	0.000
-10	180	0.0	140.203	1	6	2	5.01802	0.000
0	180	0.0	143.585	1	6	2	5.87539	0.000
10	180	0.0	148.485	1	6	2	7.00747	0.000
20	180	0.0	155.271	1	6	2	8.67275	0.000
30	180	0.0	183.769	1	6	2	11.27863	0.000
120	180	0.0	189.364	1	6	2	6.42536	0.000
130	180	0.0	172.602	1	6	2	5.62271	0.000
140	180	0.0	162.037	1	6	2	4.94689	0.000
150	180	0.0	149.317	1	6	2	4.41387	0.000
160	180	0.0	137.707	1	6	2	3.96459	0.000
170	180	0.0	129.110	1	6	2	3.58637	0.000
180	180	0.0	122.720	1	6	2	3.24813	0.000
190	180	0.0	118.580	1	6	2	2.94448	0.000
200	180	0.0	111.700	1	6	2	2.70979	0.000
-100	170	0.0	105.073	1	6	2	1.93876	0.000
-90	170	0.0	107.428	1	6	2	2.11955	0.000
-80	170	0.0	115.223	1	6	2	2.31990	0.000
-70	170	0.0	116.111	1	6	2	2.56829	0.000
-60	170	0.0	119.289	1	6	2	2.85422	0.000
-50	170	0.0	127.513	1	6	2	3.18931	0.000
-40	170	0.0	127.815	1	6	2	3.60610	0.000
-30	170	0.0	129.735	1	6	2	4.11018	0.000
-20	170	0.0	132.204	1	6	2	4.74589	0.000
-10	170	0.0	134.949	1	6	2	5.54988	0.000
0	170	0.0	139.520	1	6	2	6.60587	0.000
10	170	0.0	142.086	1	6	2	8.09651	0.000
20	170	0.0	165.811	1	6	2	10.51366	0.000
30	170	0.0	241.899	1	6	2	15.46178	0.000
120	170	0.0	206.621	1	6	2	7.72875	0.000
130	170	0.0	184.947	1	6	2	6.56697	0.000
140	170	0.0	166.687	1	6	2	5.67597	0.000
150	170	0.0	149.212	1	6	2	4.99774	0.000
160	170	0.0	139.076	1	6	2	4.41744	0.000
170	170	0.0	133.138	1	6	2	3.91835	0.000
180	170	0.0	124.835	1	6	2	3.52473	0.000
190	170	0.0	116.888	1	6	2	3.20507	0.000
200	170	0.0	111.689	1	6	2	2.90599	0.000
-100	160	0.0	105.599	1	6	2	2.01893	0.000
-90	160	0.0	110.565	1	6	2	2.20679	0.000
-80	160	0.0	112.643	1	6	2	2.42862	0.000
-70	160	0.0	116.697	1	6	2	2.69233	0.000
-60	160	0.0	119.125	1	6	2	3.00178	0.000
-50	160	0.0	123.045	1	6	2	3.37818	0.000
-40	160	0.0	124.471	1	6	2	3.83317	0.000
-30	160	0.0	124.928	1	6	2	4.39534	0.000
-20	160	0.0	124.848	1	6	2	5.09965	0.000
-10	160	0.0	127.692	1	6	2	5.98322	0.000
0	160	0.0	129.715	1	6	2	7.15744	0.000
10	160	0.0	133.445	1	5	2	8.83149	0.000
20	160	0.0	150.802	1	6	2	11.61799	0.000
120	160	0.0	211.242	1	6	2	9.20967	0.000
130	160	0.0	182.871	1	6	2	7.59143	0.000
140	160	0.0	163.984	1	6	2	6.40542	0.000
150	160	0.0	151.508	1	6	2	5.51355	0.000
160	160	0.0	137.463	1	6	2	4.82088	0.000
170	160	0.0	133.365	1	6	2	4.25228	0.000
180	160	0.0	125.010	1	6	2	3.80412	0.000
190	160	0.0	118.732	1	6	2	3.41225	0.000
200	160	0.0	109.179	1	6	2	3.09454	0.000
-100	150	0.0	106.086	1	6	2	2.07465	0.000
-90	150	0.0	111.455	1	6	2	2.28009	0.000

-80	150	0.0	113.700	1	6	2	2.51655	0.000
-70	150	0.0	115.118	1	6	2	2.78556	0.000
-60	150	0.0	117.984	1	6	2	3.11710	0.000
-50	150	0.0	122.505	1	6	2	3.52103	0.000
-40	150	0.0	123.523	1	6	2	3.99659	0.000
-30	150	0.0	123.663	1	6	2	4.59555	0.000
-20	150	0.0	121.587	1	6	2	5.32997	0.000
-10	150	0.0	124.638	1	5	2	6.27022	0.000
0	150	0.0	121.932	1	5	2	7.40491	0.000
10	150	0.0	121.537	1	5	2	8.89617	0.000
20	150	0.0	116.455	1	5	2	10.82560	0.000
120	150	0.0	202.653	1	6	2	10.50493	0.000
130	150	0.0	177.866	1	6	2	8.40716	0.000
140	150	0.0	158.007	1	6	2	7.00918	0.000
150	150	0.0	145.582	1	6	2	5.94341	0.000
160	150	0.0	136.375	1	6	2	5.13650	0.000
170	150	0.0	129.312	1	6	2	4.50627	0.000
180	150	0.0	120.299	1	6	2	4.00469	0.000
190	150	0.0	116.258	1	6	2	3.58727	0.000
200	150	0.0	108.841	1	6	2	3.23243	0.000
-100	140	0.0	106.481	1	6	2	2.11303	0.000
-90	140	0.0	109.568	1	6	2	2.32177	0.000
-80	140	0.0	112.161	1	6	2	2.55962	0.000
-70	140	0.0	116.531	1	6	2	2.84768	0.000
-60	140	0.0	117.034	1	6	2	3.17956	0.000
-50	140	0.0	123.386	1	6	2	3.59924	0.000
-40	140	0.0	125.196	1	6	2	4.09040	0.000
-30	140	0.0	126.740	1	6	2	4.69918	0.000
-20	140	0.0	125.641	1	6	2	5.44761	0.000
-10	140	0.0	117.824	1	5	2	6.35485	0.000
0	140	0.0	115.093	1	6	2	7.43351	0.000
10	140	0.0	111.605	1	6	2	8.59600	0.000
20	140	0.0	110.319	1	6	2	9.61046	0.000
120	140	0.0	190.540	1	6	2	10.81682	0.000
130	140	0.0	160.771	1	6	2	8.67483	0.000
140	140	0.0	151.338	1	6	2	7.24687	0.000
150	140	0.0	139.306	1	6	2	6.14900	0.000
160	140	0.0	131.162	1	6	2	5.31802	0.000
170	140	0.0	122.684	1	6	2	4.64833	0.000
180	140	0.0	121.145	1	6	2	4.12847	0.000
190	140	0.0	117.064	1	6	2	3.69167	0.000
200	140	0.0	110.961	1	6	2	3.32101	0.000
-100	130	0.0	107.632	1	6	2	2.12264	0.000
-90	130	0.0	108.052	1	6	2	2.32668	0.000
-80	130	0.0	113.078	1	6	2	2.56697	0.000
-70	130	0.0	118.371	1	6	2	2.86135	0.000
-60	130	0.0	121.759	1	6	2	3.20033	0.000
-50	130	0.0	124.669	1	6	2	3.60529	0.000
-40	130	0.0	122.989	1	6	2	4.08931	0.000
-30	130	0.0	127.115	1	6	2	4.69565	0.000
-20	130	0.0	128.226	1	6	2	5.44206	0.000
-10	130	0.0	123.339	1	6	2	6.28799	0.000
0	130	0.0	118.331	1	6	2	7.23783	0.000
10	130	0.0	116.129	1	6	2	8.16990	0.000
20	130	0.0	111.913	1	6	2	8.50586	0.000
120	130	0.0	162.697	1	6	2	10.10389	0.000
130	130	0.0	146.979	1	6	2	8.43142	0.000
140	130	0.0	138.470	1	6	2	7.12412	0.000
150	130	0.0	130.488	1	6	2	6.12383	0.000
160	130	0.0	127.756	1	6	2	5.32545	0.000
170	130	0.0	118.444	1	6	2	4.66538	0.000
180	130	0.0	119.251	1	6	2	4.15424	0.000
190	130	0.0	113.118	1	6	2	3.71261	0.000
200	130	0.0	112.366	1	6	2	3.35883	0.000
-100	120	0.0	106.798	1	6	2	2.09606	0.000
-90	120	0.0	110.588	1	6	2	2.30310	0.000
-80	120	0.0	113.255	1	6	2	2.53249	0.000
-70	120	0.0	115.211	1	6	2	2.79958	0.000
-60	120	0.0	121.411	1	6	2	3.14704	0.000
-50	120	0.0	123.673	1	6	2	3.53143	0.000
-40	120	0.0	124.087	1	6	2	3.99465	0.000
-30	120	0.0	125.551	1	6	2	4.56612	0.000
-20	120	0.0	131.083	1	6	2	5.26935	0.000
-10	120	0.0	128.466	1	6	2	6.05352	0.000
0	120	0.0	123.827	1	6	2	6.90277	0.000
10	120	0.0	118.364	1	6	2	7.55358	0.000
20	120	0.0	110.975	1	6	2	7.49251	0.000
110	120	0.0	166.659	1	6	2	10.88523	0.000
120	120	0.0	145.881	1	6	2	9.30662	0.000
130	120	0.0	130.999	1	6	2	7.91807	0.000
140	120	0.0	126.860	1	6	2	6.82286	0.000
150	120	0.0	131.169	1	6	2	5.94441	0.000
160	120	0.0	126.067	1	6	2	5.21539	0.000
170	120	0.0	116.962	1	6	2	4.57734	0.000
180	120	0.0	113.923	1	6	2	4.08308	0.000
190	120	0.0	113.804	1	6	2	3.67704	0.000
200	120	0.0	107.570	1	6	2	3.30906	0.000
-100	110	0.0	105.369	1	6	2	2.03385	0.000

-90	110	0.0	110.418	1	6	2	2.22890	0.000
-80	110	0.0	112.555	1	6	2	2.45116	0.000
-70	110	0.0	116.915	1	6	2	2.71086	0.000
-60	110	0.0	121.455	1	6	2	3.02276	0.000
-50	110	0.0	123.576	1	6	2	3.37536	0.000
-40	110	0.0	130.404	1	6	2	3.83433	0.000
-30	110	0.0	132.999	1	6	2	4.34730	0.000
-20	110	0.0	130.465	1	6	2	4.96993	0.000
-10	110	0.0	130.930	1	6	2	5.68473	0.000
0	110	0.0	129.838	1	6	2	6.40280	0.000
10	110	0.0	123.235	1	6	2	6.91213	0.000
110	110	0.0	139.570	1	6	2	9.75588	0.000
120	110	0.0	124.201	1	6	2	8.49373	0.000
130	110	0.0	118.390	1	6	2	7.36627	0.000
140	110	0.0	119.359	1	6	2	6.41264	0.000
150	110	0.0	120.118	1	6	2	5.62867	0.000
160	110	0.0	124.349	1	6	2	4.98646	0.000
170	110	0.0	119.482	1	6	2	4.43149	0.000
180	110	0.0	116.495	1	6	2	3.97520	0.000
190	110	0.0	107.167	1	6	2	3.55073	0.000
200	110	0.0	104.892	1	6	2	3.23210	0.000
-100	100	0.0	104.895	1	6	2	1.96313	0.000
-90	100	0.0	109.916	1	6	2	2.12407	0.000
-80	100	0.0	114.504	1	6	2	2.33580	0.000
-70	100	0.0	116.596	1	6	2	2.56276	0.000
-60	100	0.0	122.782	1	6	2	2.85929	0.000
-50	100	0.0	124.311	1	6	2	3.17833	0.000
-40	100	0.0	129.617	1	6	2	3.55965	0.000
-30	100	0.0	133.740	1	6	2	4.04889	0.000
-20	100	0.0	134.698	1	6	2	4.60609	0.000
-10	100	0.0	136.225	1	6	2	5.22040	0.000
0	100	0.0	134.558	1	6	2	5.85596	0.000
10	100	0.0	126.602	1	6	2	6.30819	0.000
110	100	0.0	118.242	1	6	2	8.71975	0.000
120	100	0.0	117.398	1	6	2	7.70941	0.000
130	100	0.0	120.493	1	6	2	6.80869	0.000
140	100	0.0	120.325	1	6	2	5.97242	0.000
150	100	0.0	120.594	1	6	2	5.28841	0.000
160	100	0.0	119.469	1	6	2	4.69778	0.000
170	100	0.0	117.482	1	6	2	4.19151	0.000
180	100	0.0	113.848	1	6	2	3.76250	0.000
190	100	0.0	107.573	1	6	2	3.40374	0.000
200	100	0.0	107.117	1	6	2	3.10922	0.000
-100	90	0.0	103.558	1	6	2	1.85088	0.000
-90	90	0.0	108.322	1	6	2	2.01413	0.000
-80	90	0.0	111.718	1	6	2	2.18564	0.000
-70	90	0.0	117.895	1	6	2	2.40834	0.000
-60	90	0.0	120.639	1	6	2	2.65657	0.000
-50	90	0.0	125.213	1	6	2	2.95024	0.000
-40	90	0.0	127.362	1	6	2	3.29235	0.000
-30	90	0.0	134.813	1	6	2	3.69185	0.000
-20	90	0.0	137.770	1	6	2	4.17429	0.000
-10	90	0.0	136.856	1	6	2	4.72035	0.000
0	90	0.0	138.667	1	6	2	5.25659	0.000
10	90	0.0	134.842	1	6	2	5.71816	0.000
110	90	0.0	116.893	1	6	2	7.75250	0.000
120	90	0.0	120.698	1	6	2	6.95534	0.000
130	90	0.0	121.493	1	6	2	6.16690	0.000
140	90	0.0	118.095	1	6	2	5.46526	0.000
150	90	0.0	120.113	1	6	2	4.89109	0.000
160	90	0.0	114.355	1	6	2	4.36270	0.000
170	90	0.0	117.141	1	6	2	3.92823	0.000
180	90	0.0	110.871	1	6	2	3.55572	0.000
190	90	0.0	107.210	1	6	2	3.21775	0.000
200	90	0.0	106.382	1	6	2	2.94672	0.000
-100	80	0.0	105.262	1	6	2	1.74070	0.000
-90	80	0.0	108.288	1	6	2	1.87067	0.000
-80	80	0.0	111.151	1	6	2	2.05213	0.000
-70	80	0.0	118.068	1	6	2	2.22676	0.000
-60	80	0.0	120.531	1	6	2	2.44765	0.000
-50	80	0.0	126.210	1	6	2	2.70823	0.000
-40	80	0.0	132.181	1	6	2	2.99888	0.000
-30	80	0.0	134.418	1	6	2	3.36275	0.000
-20	80	0.0	139.548	1	6	2	3.76656	0.000
-10	80	0.0	142.757	1	6	2	4.22913	0.000
0	80	0.0	143.330	1	6	2	4.72070	0.000
10	80	0.0	140.716	1	6	2	5.19191	0.000
110	80	0.0	118.932	1	6	2	6.86384	0.000
120	80	0.0	121.076	1	6	2	6.19698	0.000
130	80	0.0	124.376	1	6	2	5.54087	0.000
140	80	0.0	121.126	1	6	2	4.93714	0.000
150	80	0.0	118.016	1	6	2	4.44228	0.000
160	80	0.0	113.886	1	6	2	4.01631	0.000
170	80	0.0	116.080	1	6	2	3.63110	0.000
180	80	0.0	110.984	1	6	2	3.29635	0.000
190	80	0.0	109.432	1	6	2	3.00658	0.000
200	80	0.0	102.233	1	6	2	2.76854	0.000
-100	70	0.0	102.912	1	6	2	1.62364	0.000

-90	70	0.0	106.988	1	6	2	1.73931	0.000
-80	70	0.0	109.251	1	6	2	1.88828	0.000
-70	70	0.0	113.558	1	6	2	2.05975	0.000
-60	70	0.0	120.801	1	6	2	2.25121	0.000
-50	70	0.0	126.618	1	6	2	2.48063	0.000
-40	70	0.0	130.855	1	6	2	2.74434	0.000
-30	70	0.0	137.209	1	6	2	3.04407	0.000
-20	70	0.0	140.913	1	6	2	3.39504	0.000
-10	70	0.0	142.781	1	6	2	3.79423	0.000
0	70	0.0	144.189	1	6	2	4.22749	0.000
10	70	0.0	143.780	1	6	2	4.66231	0.000
100	70	0.0	123.742	1	6	2	6.41791	0.000
110	70	0.0	123.976	1	6	2	5.93478	0.000
120	70	0.0	124.566	1	6	2	5.41614	0.000
130	70	0.0	123.871	1	6	2	4.89359	0.000
140	70	0.0	122.510	1	6	2	4.42501	0.000
150	70	0.0	119.165	1	6	2	4.00865	0.000
160	70	0.0	117.300	1	6	2	3.63843	0.000
170	70	0.0	116.152	1	6	2	3.32586	0.000
180	70	0.0	110.113	1	6	2	3.03526	0.000
190	70	0.0	107.131	1	6	2	2.77718	0.000
200	70	0.0	104.045	1	6	2	2.56974	0.000
-100	60	0.0	101.245	1	6	2	1.50028	0.000
-90	60	0.0	106.047	1	6	2	1.61509	0.000
-80	60	0.0	112.988	1	6	2	1.74553	0.000
-70	60	0.0	115.624	1	6	2	1.89447	0.000
-60	60	0.0	119.323	1	6	2	2.06206	0.000
-50	60	0.0	125.836	1	6	2	2.25936	0.000
-40	60	0.0	129.151	1	6	2	2.49235	0.000
-30	60	0.0	133.352	1	6	2	2.76372	0.000
-20	60	0.0	138.250	1	6	2	3.05658	0.000
-10	60	0.0	144.059	1	6	2	3.39401	0.000
0	60	0.0	144.764	1	6	2	3.74773	0.000
10	60	0.0	145.307	1	6	2	4.09705	0.000
100	60	0.0	133.157	1	6	2	5.35767	0.000
110	60	0.0	130.227	1	6	2	5.04011	0.000
120	60	0.0	126.874	1	6	2	4.63396	0.000
130	60	0.0	126.209	1	6	2	4.24588	0.000
140	60	0.0	121.021	1	6	2	3.88176	0.000
150	60	0.0	119.621	1	6	2	3.54852	0.000
160	60	0.0	116.398	1	6	2	3.25881	0.000
170	60	0.0	113.825	1	6	2	3.00104	0.000
180	60	0.0	109.854	1	6	2	2.75656	0.000
190	60	0.0	107.861	1	6	2	2.56317	0.000
200	60	0.0	104.624	1	6	2	2.37054	0.000
-100	50	0.0	100.111	1	6	2	1.40000	0.000
-90	50	0.0	104.581	1	6	2	1.49664	0.000
-80	50	0.0	108.723	1	6	2	1.61174	0.000
-70	50	0.0	112.055	1	6	2	1.75043	0.000
-60	50	0.0	119.078	1	6	2	1.89704	0.000
-50	50	0.0	125.262	1	6	2	2.06708	0.000
-40	50	0.0	125.970	1	6	2	2.26891	0.000
-30	50	0.0	131.178	1	6	2	2.49595	0.000
-20	50	0.0	134.705	1	6	2	2.74553	0.000
-10	50	0.0	139.365	1	6	2	3.01726	0.000
0	50	0.0	135.069	1	6	2	3.29989	0.000
100	50	0.0	141.916	1	6	2	4.39943	0.000
110	50	0.0	136.806	1	6	2	4.20753	0.000
120	50	0.0	131.181	1	6	2	3.94852	0.000
130	50	0.0	128.167	1	6	2	3.65506	0.000
140	50	0.0	123.940	1	6	2	3.40266	0.000
150	50	0.0	121.250	1	6	2	3.14317	0.000
160	50	0.0	120.191	1	6	2	2.90313	0.000
170	50	0.0	112.380	1	6	2	2.69534	0.000
180	50	0.0	109.985	1	6	2	2.50761	0.000
190	50	0.0	104.756	1	6	2	2.33497	0.000
200	50	0.0	101.559	1	6	2	2.17642	0.000
-100	40	0.0	99.817	1	6	2	1.29608	0.000
-90	40	0.0	102.791	1	6	2	1.38896	0.000
-80	40	0.0	107.765	1	6	2	1.49026	0.000
-70	40	0.0	110.007	1	6	2	1.61554	0.000
-60	40	0.0	115.624	1	6	2	1.74285	0.000
-50	40	0.0	118.833	1	6	2	1.89977	0.000
-40	40	0.0	123.259	1	6	2	2.06716	0.000
-30	40	0.0	127.638	1	6	2	2.26155	0.000
-20	40	0.0	131.119	1	6	2	2.46464	0.000
-10	40	0.0	135.212	1	6	2	2.68445	0.000
0	40	0.0	136.663	1	6	2	2.89693	0.000
100	40	0.0	146.812	1	6	2	3.65749	0.000
110	40	0.0	141.812	1	6	2	3.52379	0.000
120	40	0.0	133.163	1	6	2	3.36299	0.000
130	40	0.0	129.591	1	6	2	3.15949	0.000
140	40	0.0	123.372	1	6	2	2.95782	0.000
150	40	0.0	120.206	1	6	2	2.76441	0.000
160	40	0.0	117.365	1	6	2	2.58544	0.000
170	40	0.0	113.992	1	6	2	2.41278	0.000
180	40	0.0	107.703	1	6	2	2.26299	0.000
190	40	0.0	105.884	1	6	2	2.12401	0.000

200	40	0.0	102.406	1	6	2	1.98827	0.000
-100	30	0.0	97.732	1	6	2	1.20706	0.000
-90	30	0.0	102.255	1	6	2	1.29412	0.000
-80	30	0.0	105.017	1	6	2	1.38438	0.000
-70	30	0.0	107.667	1	6	2	1.49592	0.000
-60	30	0.0	113.606	1	6	2	1.60990	0.000
-50	30	0.0	115.217	1	6	2	1.74375	0.000
-40	30	0.0	121.067	1	6	2	1.88883	0.000
-30	30	0.0	124.981	1	6	2	2.04750	0.000
-20	30	0.0	129.722	1	6	2	2.21869	0.000
-10	30	0.0	126.741	1	6	2	2.38903	0.000
0	30	0.0	130.682	1	6	2	2.55715	0.000
100	30	0.0	156.111	1	6	2	3.09189	0.000
110	30	0.0	147.069	1	6	2	2.99354	0.000
120	30	0.0	139.174	1	6	2	2.87674	0.000
130	30	0.0	130.801	1	6	2	2.73318	0.000
140	30	0.0	125.886	1	6	2	2.57851	0.000
150	30	0.0	117.653	1	6	2	2.44337	0.000
160	30	0.0	115.822	1	6	2	2.30922	0.000
170	30	0.0	110.981	1	6	2	2.16916	0.000
180	30	0.0	110.059	1	6	2	2.03695	0.000
190	30	0.0	107.446	1	6	2	1.91809	0.000
200	30	0.0	101.014	1	6	2	1.81357	0.000
-100	20	0.0	97.464	1	6	2	1.12844	0.000
-90	20	0.0	98.965	1	6	2	1.20728	0.000
-80	20	0.0	102.330	1	6	2	1.29322	0.000
-70	20	0.0	105.746	1	6	2	1.38772	0.000
-60	20	0.0	111.349	1	6	2	1.49036	0.000
-50	20	0.0	112.654	1	6	2	1.60461	0.000
-40	20	0.0	114.266	1	6	2	1.73059	0.000
-30	20	0.0	120.682	1	6	2	1.86472	0.000
-20	20	0.0	121.598	1	6	2	2.00350	0.000
-10	20	0.0	125.408	1	6	2	2.14273	0.000
0	20	0.0	124.680	1	6	2	2.27286	0.000
100	20	0.0	154.025	1	6	2	2.65251	0.000
110	20	0.0	146.960	1	6	2	2.58160	0.000
120	20	0.0	138.627	1	6	2	2.48968	0.000
130	20	0.0	131.848	1	6	2	2.37552	0.000
140	20	0.0	128.742	1	6	2	2.26913	0.000
150	20	0.0	120.601	1	6	2	2.15876	0.000
160	20	0.0	116.904	1	6	2	2.05024	0.000
170	20	0.0	112.941	1	6	2	1.94748	0.000
180	20	0.0	110.302	1	6	2	1.84733	0.000
190	20	0.0	105.342	1	6	2	1.74601	0.000
200	20	0.0	99.935	1	6	2	1.65389	0.000
-100	10	0.0	94.425	1	6	2	1.06144	0.000
-90	10	0.0	97.533	1	6	2	1.13207	0.000
-80	10	0.0	100.317	1	6	2	1.20931	0.000
-70	10	0.0	103.222	1	6	2	1.29356	0.000
-60	10	0.0	105.842	1	6	2	1.38524	0.000
-50	10	0.0	111.808	1	6	2	1.48503	0.000
-40	10	0.0	113.380	1	6	2	1.59306	0.000
-30	10	0.0	114.167	1	6	2	1.70628	0.000
-20	10	0.0	117.302	1	6	2	1.81993	0.000
-10	10	0.0	119.443	1	6	2	1.92848	0.000
0	10	0.0	121.243	1	6	2	2.03294	0.000
90	10	0.0	158.719	1	6	2	2.33680	0.000
100	10	0.0	152.032	1	6	2	2.30658	0.000
110	10	0.0	147.519	1	6	2	2.24776	0.000
120	10	0.0	140.050	1	6	2	2.17656	0.000
130	10	0.0	133.321	1	6	2	2.09888	0.000
140	10	0.0	129.684	1	6	2	2.01640	0.000
150	10	0.0	122.281	1	6	2	1.92521	0.000
160	10	0.0	115.351	1	6	2	1.84004	0.000
170	10	0.0	110.701	1	6	2	1.75257	0.000
180	10	0.0	107.191	1	6	2	1.67297	0.000
190	10	0.0	102.533	1	6	2	1.59937	0.000
200	10	0.0	100.002	1	6	2	1.51731	0.000
-100	0	0.0	91.287	1	6	2	1.00126	0.000
-90	0	0.0	94.706	1	6	2	1.06531	0.000
-80	0	0.0	97.778	1	6	2	1.13452	0.000
-70	0	0.0	102.545	1	6	2	1.20913	0.000
-60	0	0.0	103.765	1	6	2	1.29133	0.000
-50	0	0.0	108.913	1	6	2	1.37876	0.000
-40	0	0.0	109.400	1	6	2	1.47088	0.000
-30	0	0.0	111.880	1	6	2	1.56506	0.000
-20	0	0.0	113.496	1	6	2	1.65695	0.000
-10	0	0.0	117.668	1	6	2	1.74678	0.000
90	0	0.0	151.932	1	6	2	2.03680	0.000
100	0	0.0	148.869	1	6	2	2.01641	0.000
110	0	0.0	142.606	1	6	2	1.97412	0.000
120	0	0.0	136.006	1	6	2	1.92223	0.000
130	0	0.0	131.287	1	6	2	1.85953	0.000
140	0	0.0	126.278	1	6	2	1.79578	0.000
150	0	0.0	118.894	1	6	2	1.72759	0.000
160	0	0.0	115.403	1	6	2	1.65699	0.000
170	0	0.0	109.234	1	6	2	1.58813	0.000
180	0	0.0	106.172	1	6	2	1.52253	0.000

190	0	0.0	103.344	1	6	2	1.45545	0.000
200	0	0.0	97.668	1	6	2	1.39076	0.000
-100	-10	0.0	89.540	1	6	2	0.94663	0.000
-90	-10	0.0	91.711	1	6	2	1.00506	0.000
-80	-10	0.0	94.923	1	6	2	1.06717	0.000
-70	-10	0.0	98.497	1	6	2	1.13555	0.000
-60	-10	0.0	100.931	1	6	2	1.20774	0.000
-50	-10	0.0	104.081	1	6	2	1.28370	0.000
-40	-10	0.0	105.052	1	6	2	1.36040	0.000
-30	-10	0.0	108.429	1	6	2	1.43897	0.000
-20	-10	0.0	112.514	1	6	2	1.51589	0.000
-10	-10	0.0	112.239	1	6	2	1.58382	0.000
0	-10	0.0	114.984	1	6	2	1.64592	0.000
10	-10	0.0	115.944	1	6	2	1.69858	0.000
20	-10	0.0	118.907	1	6	2	1.73959	0.000
30	-10	0.0	125.385	1	6	2	1.76808	0.000
40	-10	0.0	128.110	1	6	2	1.78446	0.000
50	-10	0.0	135.860	1	6	2	1.78814	0.000
90	-10	0.0	143.378	1	6	2	1.79398	0.000
100	-10	0.0	140.863	1	6	2	1.77776	0.000
110	-10	0.0	138.388	1	6	2	1.74898	0.000
120	-10	0.0	135.284	1	6	2	1.70903	0.000
130	-10	0.0	127.284	1	6	2	1.65849	0.000
140	-10	0.0	124.433	1	6	2	1.60674	0.000
150	-10	0.0	119.280	1	6	2	1.56131	0.000
160	-10	0.0	111.478	1	6	2	1.50287	0.000
170	-10	0.0	107.803	1	6	2	1.44297	0.000
180	-10	0.0	105.994	1	6	2	1.38682	0.000
190	-10	0.0	100.558	1	6	2	1.33166	0.000
200	-10	0.0	98.065	1	6	2	1.27784	0.000
-100	-20	0.0	89.022	1	6	2	0.89692	0.000
-90	-20	0.0	90.529	1	6	2	0.95047	0.000
-80	-20	0.0	93.444	1	6	2	1.00669	0.000
-70	-20	0.0	96.139	1	6	2	1.06685	0.000
-60	-20	0.0	98.108	1	6	2	1.13000	0.000
-50	-20	0.0	99.863	1	6	2	1.19540	0.000
-40	-20	0.0	101.255	1	6	2	1.26153	0.000
-30	-20	0.0	107.401	1	6	2	1.32701	0.000
-20	-20	0.0	106.884	1	6	2	1.38704	0.000
-10	-20	0.0	111.300	1	6	2	1.44391	0.000
0	-20	0.0	110.668	1	6	2	1.48959	0.000
10	-20	0.0	113.622	1	6	2	1.52799	0.000
20	-20	0.0	116.825	1	6	2	1.55575	0.000
30	-20	0.0	122.933	1	6	2	1.57365	0.000
40	-20	0.0	127.316	1	6	2	1.58213	0.000
50	-20	0.0	132.389	1	6	2	1.58475	0.000
60	-20	0.0	135.327	1	6	2	1.58711	0.000
70	-20	0.0	138.832	1	6	2	1.58970	0.000
80	-20	0.0	142.690	1	6	2	1.59138	0.000
90	-20	0.0	138.678	1	6	2	1.59123	0.000
100	-20	0.0	136.198	1	6	2	1.58256	0.000
110	-20	0.0	135.856	1	6	2	1.56199	0.000
120	-20	0.0	127.449	1	6	2	1.52752	0.000
130	-20	0.0	124.085	1	6	2	1.49163	0.000
140	-20	0.0	118.345	1	6	2	1.45208	0.000
150	-20	0.0	118.401	1	6	2	1.40695	0.000
160	-20	0.0	109.487	1	6	2	1.36045	0.000
170	-20	0.0	109.356	1	6	2	1.31498	0.000
180	-20	0.0	103.138	1	6	2	1.27359	0.000
190	-20	0.0	98.705	1	6	2	1.22613	0.000
200	-20	0.0	94.794	1	6	2	1.18100	0.000
-100	-30	0.0	86.333	1	6	2	0.85219	0.000
-90	-30	0.0	89.183	1	6	2	0.89990	0.000
-80	-30	0.0	90.768	1	6	2	0.95076	0.000
-70	-30	0.0	92.526	1	6	2	1.00454	0.000
-60	-30	0.0	94.619	1	6	2	1.05938	0.000
-50	-30	0.0	99.005	1	6	2	1.11533	0.000
-40	-30	0.0	100.607	1	6	2	1.17087	0.000
-30	-30	0.0	102.717	1	6	2	1.22478	0.000
-20	-30	0.0	106.210	1	6	2	1.27402	0.000
-10	-30	0.0	106.166	1	6	2	1.31495	0.000
0	-30	0.0	107.564	1	6	2	1.35242	0.000
10	-30	0.0	114.266	1	6	2	1.37952	0.000
20	-30	0.0	117.447	1	6	2	1.39809	0.000
30	-30	0.0	117.332	1	6	2	1.41183	0.000
40	-30	0.0	122.648	1	6	2	1.41474	0.000
50	-30	0.0	125.780	1	6	2	1.41654	0.000
60	-30	0.0	131.406	1	6	2	1.41602	0.000
70	-30	0.0	133.574	1	6	2	1.41781	0.000
80	-30	0.0	131.896	1	6	2	1.42310	0.000
90	-30	0.0	132.136	1	6	2	1.41954	0.000
100	-30	0.0	132.027	1	6	2	1.41705	0.000
110	-30	0.0	128.014	1	6	2	1.39935	0.000
120	-30	0.0	125.395	1	6	2	1.37845	0.000
130	-30	0.0	119.665	1	6	2	1.34850	0.000
140	-30	0.0	116.200	1	6	2	1.31597	0.000
150	-30	0.0	112.085	1	6	2	1.28062	0.000
160	-30	0.0	108.065	1	6	2	1.24374	0.000

170	-30	0.0	105.685	1	6	2	1.20587	0.000
180	-30	0.0	101.376	1	6	2	1.16558	0.000
190	-30	0.0	97.340	1	6	2	1.12880	0.000
200	-30	0.0	96.754	1	6	2	1.09490	0.000
-100	-40	0.0	84.103	1	6	2	0.81047	0.000
-90	-40	0.0	87.316	1	6	2	0.85345	0.000
-80	-40	0.0	88.824	1	6	2	0.89899	0.000
-70	-40	0.0	90.798	1	6	2	0.94605	0.000
-60	-40	0.0	92.122	1	6	2	0.99387	0.000
-50	-40	0.0	95.607	1	6	2	1.04196	0.000
-40	-40	0.0	98.925	1	6	2	1.08903	0.000
-30	-40	0.0	99.928	1	6	2	1.13174	0.000
-20	-40	0.0	99.941	1	6	2	1.16991	0.000
-10	-40	0.0	106.027	1	6	2	1.20598	0.000
0	-40	0.0	107.172	1	6	2	1.23148	0.000
10	-40	0.0	111.652	1	6	2	1.25055	0.000
20	-40	0.0	113.691	1	6	2	1.26477	0.000
30	-40	0.0	115.818	1	6	2	1.26908	0.000
40	-40	0.0	117.900	1	6	2	1.27332	0.000
50	-40	0.0	123.221	1	6	2	1.27249	0.000
60	-40	0.0	123.043	1	6	2	1.27463	0.000
70	-40	0.0	125.474	1	6	2	1.27638	0.000
80	-40	0.0	126.369	1	6	2	1.27887	0.000
90	-40	0.0	126.824	1	6	2	1.27804	0.000
100	-40	0.0	127.338	1	6	2	1.27457	0.000
110	-40	0.0	121.941	1	6	2	1.26484	0.000
120	-40	0.0	121.250	1	6	2	1.24859	0.000
130	-40	0.0	117.457	1	6	2	1.22546	0.000
140	-40	0.0	110.801	1	6	2	1.19944	0.000
150	-40	0.0	111.001	1	6	2	1.16994	0.000
160	-40	0.0	106.690	1	6	2	1.13914	0.000
170	-40	0.0	102.540	1	6	2	1.10654	0.000
180	-40	0.0	99.972	1	6	2	1.07662	0.000
190	-40	0.0	97.762	1	6	2	1.04504	0.000
200	-40	0.0	93.572	1	6	2	1.01497	0.000
-100	-50	0.0	82.629	1	6	2	0.77133	0.000
-90	-50	0.0	84.665	1	6	2	0.81030	0.000
-80	-50	0.0	86.359	1	6	2	0.85078	0.000
-70	-50	0.0	88.945	1	6	2	0.89202	0.000
-60	-50	0.0	91.299	1	6	2	0.93333	0.000
-50	-50	0.0	91.454	1	6	2	0.97359	0.000
-40	-50	0.0	95.513	1	6	2	1.01267	0.000
-30	-50	0.0	97.526	1	6	2	1.04787	0.000
-20	-50	0.0	101.324	1	6	2	1.08107	0.000
-10	-50	0.0	102.304	1	6	2	1.10535	0.000
0	-50	0.0	106.175	1	6	2	1.12574	0.000
10	-50	0.0	104.887	1	6	2	1.13821	0.000
20	-50	0.0	110.616	1	6	2	1.14863	0.000
30	-50	0.0	111.161	1	6	2	1.15135	0.000
40	-50	0.0	116.442	1	6	2	1.15046	0.000
50	-50	0.0	119.165	1	6	2	1.15083	0.000
60	-50	0.0	120.406	1	6	2	1.15204	0.000
70	-50	0.0	120.810	1	6	2	1.15412	0.000
80	-50	0.0	120.270	1	6	2	1.15582	0.000
90	-50	0.0	121.761	1	6	2	1.15883	0.000
100	-50	0.0	119.567	1	6	2	1.15468	0.000
110	-50	0.0	118.477	1	6	2	1.14888	0.000
120	-50	0.0	114.110	1	6	2	1.13846	0.000
130	-50	0.0	112.105	1	6	2	1.12139	0.000
140	-50	0.0	110.800	1	6	2	1.09827	0.000
150	-50	0.0	105.237	1	6	2	1.07420	0.000
160	-50	0.0	104.607	1	6	2	1.04816	0.000
170	-50	0.0	101.033	1	6	2	1.01867	0.000
180	-50	0.0	97.516	1	6	2	0.99204	0.000
190	-50	0.0	93.686	1	6	2	0.96611	0.000
200	-50	0.0	90.414	1	6	2	0.93914	0.000

WARTOSCI NAJWIEKSZE Z OBLICZONYCH

Wielkość	Miano	Wartość naj- wieksza spośród obliczonych	Wartość odniesienia lub wartość dopuszczalna	Współrzędne [m] punktu wystąpienia największej wartości		
				x	y	z
=====						
Amoniak						
1. Stężenie 1-godzinowe	(występuje w okresie zima)					
	ug/m3	241.899		30	170	0.0
2. Stężenie średnioroczne						
	ug/m3	15.462	Da - R = 45.000	30	170	0.0
3. Roczna częstość przekroczeń	wartości odniesienia D1 =	400.00 ug/m3				
	%	0.0	0.200			

Koniec obliczeń