ODDZIAŁYWANIE NA POWIETRZE ATMOSFERYCZNE
ZAŁĄCZNIK - ARKUSZE KONTROLNE DANYCH I WYNIKI OBLICZEŃ

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 Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
  wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

     @@@@@@@@@@   WERSJA 6.01   @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
           @@                                @@
         @@  @@@@   @   @@   @@@@   @@  **EKO-KOM**  tel. 602 48 99 66
       @@  @@  @@  @@  @@  @@  @@  @@               fax. 22 842 06 54
      @@   @@  @@  @@@ @@  @@  @@  @@  Andrzej Biernacki 22 784 42 19
     @@    @@  @@  @@@@@@  @@  @@  @@  Marcin Jozwiak    22 847 73 00
    @@     @@@@@@  @@ @@@  @@@@@@  @@  Jan Szymczyk      22 651 88 26
   @@      @@  @@  @@  @@  @@  @@  @@
  @@@@@@@@@@@  @@  @@   @  @@  @@  @@  jan.szymczyk@sadyba.elartnet.pl


               R a p o r t  /  d i a g n o s t y k a
             w p r o w a d z o n y c h    d a n y c h


 nazwa uzytkownika :  Autorski
 numer licencji    : MJ/00/03

 data obliczen : 2008-02-03
================================================================================
 IDENTYFIKATOR :
  SZW

================================================================================
 TYTUL :
Metro Warszawskie. 2 linia. Praga PN. Etap realizacji (budowa).
Prognoza. Wariant I. Tunele metoda tarczowa i stacje metoda odkrywkowa
Stacja "SZWEDZKA"
================================================================================
 SIATKA OBLICZENIOWA :
  - rzedna punktow   z [m] =        .0
  - wsp. poczatku   x0 [m] =        .0
                    y0 [m] =        .0
  - krok siatki     dx [m] =      25.0
                    dy [m] =      25.0
  - liczba wezlow   lx =     9
                    ly =     7

================================================================================
 DANE PODSTAWOWE :
  - dokladnosc obliczen               EPS =  .050000
  - liczba zanieczyszczen            LZAN =   5
  - liczba zanieczyszczen pylowych   LZAP =   0
  - liczba sezonow                   LSEZ =   2
  - liczba podokresow emisji          LOE =   3
  - maksymalny numer emitora         MNEM =   1
  - liczba emitorow punktowych       LKOM =   0
  - liczba emitorow powierzchniowych LPOW =   1
  - liczba emitorow liniowych        LLIN =   0

================================================================================
 DANE METEOROLOGICZNE W SEZONACH :
sezon|  nazwa    |wgledny udzial|temperatura| wysokosc |   nazwa
 nr  |  sezonu   |   w roku     | otoczenia |anemometru| zbioru rozy
--------------------------------------------------------------------------------
  1  | dzi       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.dzi
  2  | noc       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.noc

================================================================================
DANE ZANIECZYSZCZEN :
  numer | typ | czestosc |  nazwa zanieczyszczenia
 ----------------------------------------
    1   | gaz |     .20  | Ditlenek azotu NO2
    2   | gaz |     .27  | Ditlenek siarki SO2
    3   | pyl |     .20  | Pyl zawiezony PM10
    4   | pyl |     .20  | Tlenek wegla CO
    5   | gaz |     .20  | Benzen

================================================================================
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 DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :
  ----------------------------------------------------------------------------
 zanieczyszczenie nr 1  [ug/m3] - Ditlenek azotu NO2
  d1 =   200.00| da =   40.000| tlo =   27.000
  ----------------------------------------------------------------------------
 zanieczyszczenie nr 2  [ug/m3] - Ditlenek siarki SO2
  d1 =   350.00| da =   30.000| tlo =   14.000
  ----------------------------------------------------------------------------
 zanieczyszczenie nr 3  [ug/m3] - Pyl zawiezony PM10
  d1 =   280.00| da =   40.000| tlo =   38.000
  ----------------------------------------------------------------------------
 zanieczyszczenie nr 4  [ug/m3] - Tlenek wegla CO
  d1 =   30000.| da =   5000.0| tlo =   550.00
  ----------------------------------------------------------------------------
 zanieczyszczenie nr 5  [ug/m3] - Benzen
  d1 =   30.000| da =   5.0000| tlo =   2.2000

================================================================================
DANE PODOKRESOW EMISJI :
     numer    |    numer   | udzial podokresu
   podokresu  |    sezonu  |     w sezonie
  ------------------------------------------------------
        1     |      1     |      1.0000
        2     |      2     |       .3333
        3     |      2     |       .6667

================================================================================
 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  2.000

================================================================================
  DANE EMITOROW :
================================================================================
 EMITOR NR   1 - POWIERZCHNIOWY "Wykop stacja "Szwedzka"                "
 ----------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba     |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
     7.0    |        2       |      4       |  20.0
 ----------------------------------------------------------------------------
              wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|      31.0      50.0 |     164.0     139.0 |     177.0     119.0 |
|      44.0      30.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 ----------------------------------------------------------------------------
 NUMER OKRESU  1 | sezon  1 i 2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        1   2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|   .61590| .0077810|   .17748|   1.2253|.00039100
 ----------------------------------------------------------------------------
 NUMER OKRESU  2 | sezon  2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        3
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|       .0|       .0|       .0|       .0|       .0
 ============================================================================
                      SUMA EMISJI W PODOKRESACH [kg/h]

  numery                 numery zanieczyszczen
podokresow  |      1  |      2  |      3  |      4  |      5  |
    1       |   .61590| .0077810|   .17748|   1.2253|.00039100
    2       |   .61590| .0077810|   .17748|   1.2253|.00039100
    3       |       .0|       .0|       .0|       .0|       .0
```

Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

@@@@@@@@@@ WERSJA 6.01 @@@@@@@@@@@

42	125	100	0	33.701	.021	242.39	103.12
43	150	100	0	33.607	.018	231.32	115.66
44	175	100	0	32.333	.021	205.99	122.36
45	200	100	0	30.426	.000v	182.39	94.52
46	0	125	0	28.836	.000v	53.02	35.98
47	25	125	0	29.521	.000v	59.87	44.42
48	50	125	0	30.430	.000v	69.30	60.69
49	75	125	0	31.556	.000v	98.01	75.75
50	100	125	0	32.871	.000v	151.01	87.80
51	125	125	0	33.760	.000v	196.87	105.07
52	150	125	0	33.130	.026	261.15	115.49
53	175	125	0	32.102	.038^	282.48^	135.53^
54	200	125	0	30.360	.024	241.81	103.56
55	0	150	0	28.533	.000v	44.59	29.34
56	25	150	0	28.964	.000v	49.17	34.76
57	50	150	0	29.500	.000v	56.78	45.52
58	75	150	0	30.111	.000v	69.60	57.35
59	100	150	0	30.790	.000v	123.23	70.30
60	125	150	0	31.436	.000v	158.19	83.09
61	150	150	0	31.451	.008	207.63	96.52
62	175	150	0	30.286	.027	270.09	106.19
63	200	150	0	29.235	.021	271.51	80.54
64	0	175	0	28.272	.000v	39.02v	24.50v
65	25	175	0	28.546	.000v	42.77	28.45
66	50	175	0	28.858	.000v	47.51	33.65
67	75	175	0	29.176	.000v	53.34	41.30
68	100	175	0	29.459	.000v	96.75	50.56
69	125	175	0	29.624	.000v	131.04	60.40
70	150	175	0	29.505	.000v	156.75	65.45
71	175	175	0	29.001	.000v	196.17	65.29
72	200	175	0	28.480	.009	219.65	56.86
wartosci srednie				30.323	.003	133.53	77.42

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]

tlo stezenia R = 14.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	0	0	0	14.010v	.000v	1.07	.31
2	25	0	0	14.013	.000v	1.32	.44
3	50	0	0	14.017	.000v	1.82	.84
4	75	0	0	14.021	.000v	1.75	.99
5	100	0	0	14.021	.000v	1.51	.92
6	125	0	0	14.020	.000v	1.31	.97
7	150	0	0	14.018	.000v	1.17	.83
8	175	0	0	14.016	.000v	1.11	.58
9	200	0	0	14.014	.000v	1.08	.54
10	0	25	0	14.016	.000v	1.35	.44
11	25	25	0	14.023	.000v	2.00	.66
12	50	25	0	14.033	.000v	1.82	1.04
13	75	25	0	14.042	.000v	1.89	1.22
14	100	25	0	14.039	.000v	1.82	1.21
15	125	25	0	14.033	.000v	1.47	1.24
16	150	25	0	14.028	.000v	1.28	1.03
17	175	25	0	14.023	.000v	1.23	.79
18	200	25	0	14.019	.000v	1.19	.61
19	0	50	0	14.025	.000v	1.33	.61
20	25	50	0	14.044	.000v	1.80	.96
21	50	50	0	14.053	.000v	2.13	.80
22	75	50	0	14.067	.000v	2.04	.98
23	100	50	0	14.068	.000v	1.97	1.27
24	125	50	0	14.056	.000v	1.67	1.27
25	150	50	0	14.043	.000v	1.58	1.22
26	175	50	0	14.033	.000v	1.51	1.03
27	200	50	0	14.026	.000v	1.42	.73
28	0	75	0	14.029	.000v	1.06	.58
29	25	75	0	14.050	.000v	1.36	.98
30	50	75	0	14.075	.000v	1.48	1.16
31	75	75	0	14.079	.000v	1.85	1.08
32	100	75	0	14.082	.000v	2.36	1.24
33	125	75	0	14.081	.000v	2.20	1.45
34	150	75	0	14.067	.000v	2.05	1.34
35	175	75	0	14.049	.000v	1.91	1.13

36	200	75	0	14.034	.000v	1.67	.90
37	0	100	0	14.027	.000v	.83	.52
38	25	100	0	14.041	.000v	.96	.73
39	50	100	0	14.061	.000v	1.18	.91
40	75	100	0	14.082	.000v	1.62	1.12
41	100	100	0	14.090^	.000v	2.29	1.16
42	125	100	0	14.085	.000v	3.06	1.24
43	150	100	0	14.083	.000v	2.92	1.40
44	175	100	0	14.067	.000v	2.60	1.35
45	200	100	0	14.043	.000v	2.30	1.13
46	0	125	0	14.023	.000v	.67	.43
47	25	125	0	14.032	.000v	.76	.55
48	50	125	0	14.043	.000v	.88	.68
49	75	125	0	14.058	.000v	1.24	.92
50	100	125	0	14.074	.000v	1.91	1.08
51	125	125	0	14.085	.000v	2.49	1.27
52	150	125	0	14.077	.000v	3.30	1.40
53	175	125	0	14.064	.000v	3.57^	1.58^
54	200	125	0	14.042	.000v	3.05	1.09
55	0	150	0	14.019	.000v	.56	.35
56	25	150	0	14.025	.000v	.62	.43
57	50	150	0	14.032	.000v	.72	.52
58	75	150	0	14.039	.000v	.88	.62
59	100	150	0	14.048	.000v	1.56	.81
60	125	150	0	14.056	.000v	2.00	.99
61	150	150	0	14.056	.000v	2.62	1.17
62	175	150	0	14.042	.000v	3.41	1.25
63	200	150	0	14.028	.000v	3.43	.88
64	0	175	0	14.016	.000v	.49v	.29v
65	25	175	0	14.020	.000v	.54	.34
66	50	175	0	14.023	.000v	.60	.41
67	75	175	0	14.027	.000v	.67	.48
68	100	175	0	14.031	.000v	1.22	.56
69	125	175	0	14.033	.000v	1.66	.66
70	150	175	0	14.032	.000v	1.98	.76
71	175	175	0	14.025	.000v	2.48	.76
72	200	175	0	14.019	.000v	2.78	.63
	wartosci srednie			14.042	.000	1.69	.89

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]

tlo stezenia R = 38.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	0	0	38.117v	.000v	12.26	4.00
2	25	0	0	38.150	.000v	15.07	6.17
3	50	0	0	38.198	.000v	20.80	10.90
4	75	0	0	38.235	.000v	19.99	12.02
5	100	0	0	38.243	.000v	17.26	13.61
6	125	0	0	38.230	.000v	14.99	12.82
7	150	0	0	38.208	.000v	13.37	11.61
8	175	0	0	38.184	.000v	12.68	9.82
9	200	0	0	38.159	.000v	12.29	8.28
10	0	25	0	38.185	.000v	15.41	5.91
11	25	25	0	38.266	.000v	22.79	8.43
12	50	25	0	38.377	.000v	20.77	12.69
13	75	25	0	38.481	.000v	21.53	14.52
14	100	25	0	38.446	.000v	20.81	14.44
15	125	25	0	38.379	.000v	16.73	14.38
16	150	25	0	38.318	.000v	14.58	13.55
17	175	25	0	38.262	.000v	14.00	11.57
18	200	25	0	38.216	.000v	13.52	9.68
19	0	50	0	38.282	.000v	15.14	7.52
20	25	50	0	38.505	.000v	20.58	13.14
21	50	50	0	38.608	.000v	24.32	10.62
22	75	50	0	38.767	.000v	23.23	11.75
23	100	50	0	38.781	.000v	22.44	15.27
24	125	50	0	38.642	.000v	19.06	15.55
25	150	50	0	38.495	.000v	18.07	14.62
26	175	50	0	38.380	.000v	17.19	13.22
27	200	50	0	38.292	.000v	16.14	10.87
28	0	75	0	38.329	.000v	12.11	7.79
29	25	75	0	38.576	.000v	15.56	11.84

30	50	75	0	38.855	.000v	16.93	13.84
31	75	75	0	38.904	.000v	21.15	13.48
32	100	75	0	38.936	.000v	26.86	15.42
33	125	75	0	38.927	.000v	25.11	17.31
34	150	75	0	38.768	.000v	23.39	15.70
35	175	75	0	38.554	.000v	21.82	14.12
36	200	75	0	38.390	.000v	19.06	11.81
37	0	100	0	38.307	.000v	9.43	6.48
38	25	100	0	38.468	.000v	10.97	8.43
39	50	100	0	38.694	.000v	13.40	11.34
40	75	100	0	38.933	.000v	18.53	12.96
41	100	100	0	39.027^	.000v	26.12	14.38
42	125	100	0	38.966	.000v	34.92	14.86
43	150	100	0	38.952	.000v	33.33	16.66
44	175	100	0	38.768	.000v	29.68	17.63
45	200	100	0	38.494	.000v	26.28	13.62
46	0	125	0	38.265	.000v	7.64	5.18
47	25	125	0	38.363	.000v	8.63	6.40
48	50	125	0	38.494	.000v	9.99	8.74
49	75	125	0	38.656	.000v	14.12	10.91
50	100	125	0	38.846	.000v	21.76	12.65
51	125	125	0	38.974	.000v	28.37	15.14
52	150	125	0	38.883	.000v	37.63	16.64
53	175	125	0	38.735	.000v	40.70^	19.53^
54	200	125	0	38.484	.000v	34.84	14.92
55	0	150	0	38.221	.000v	6.42	4.23
56	25	150	0	38.283	.000v	7.08	5.01
57	50	150	0	38.360	.000v	8.18	6.56
58	75	150	0	38.448	.000v	10.03	8.26
59	100	150	0	38.546	.000v	17.75	10.13
60	125	150	0	38.639	.000v	22.79	11.97
61	150	150	0	38.641	.000v	29.92	13.91
62	175	150	0	38.473	.000v	38.91	15.30
63	200	150	0	38.322	.000v	39.12	11.60
64	0	175	0	38.183	.000v	5.62v	3.53v
65	25	175	0	38.223	.000v	6.16	4.10
66	50	175	0	38.268	.000v	6.84	4.85
67	75	175	0	38.314	.000v	7.68	5.95
68	100	175	0	38.354	.000v	13.94	7.29
69	125	175	0	38.378	.000v	18.88	8.70
70	150	175	0	38.361	.000v	22.58	9.43
71	175	175	0	38.288	.000v	28.26	9.41
72	200	175	0	38.213	.000v	31.65	8.19
wartosci srednie				38.479	.000	19.24	11.15

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]

tlo stezenia R = 550. [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	0	0	550.8v	.000v	85.	28.
2	25	0	0	551.0	.000v	104.	43.
3	50	0	0	551.4	.000v	144.	75.
4	75	0	0	551.6	.000v	138.	83.
5	100	0	0	551.7	.000v	119.	94.
6	125	0	0	551.6	.000v	103.	88.
7	150	0	0	551.4	.000v	92.	80.
8	175	0	0	551.3	.000v	88.	68.
9	200	0	0	551.1	.000v	85.	57.
10	0	25	0	551.3	.000v	106.	41.
11	25	25	0	551.8	.000v	157.	58.
12	50	25	0	552.6	.000v	143.	88.
13	75	25	0	553.3	.000v	149.	100.
14	100	25	0	553.1	.000v	144.	100.
15	125	25	0	552.6	.000v	115.	99.
16	150	25	0	552.2	.000v	101.	94.
17	175	25	0	551.8	.000v	97.	80.
18	200	25	0	551.5	.000v	93.	67.
19	0	50	0	551.9	.000v	105.	52.
20	25	50	0	553.5	.000v	142.	91.
21	50	50	0	554.2	.000v	168.	73.
22	75	50	0	555.3	.000v	160.	81.
23	100	50	0	555.4	.000v	155.	105.

24	125	50	0	554.4	.000v	132.	107.
25	150	50	0	553.4	.000v	125.	101.
26	175	50	0	552.6	.000v	119.	91.
27	200	50	0	552.0	.000v	111.	75.
28	0	75	0	552.3	.000v	84.	54.
29	25	75	0	554.0	.000v	107.	82.
30	50	75	0	555.9	.000v	117.	96.
31	75	75	0	556.2	.000v	146.	93.
32	100	75	0	556.5	.000v	185.	106.
33	125	75	0	556.4	.000v	173.	120.
34	150	75	0	555.3	.000v	161.	108.
35	175	75	0	553.8	.000v	151.	97.
36	200	75	0	552.7	.000v	132.	82.
37	0	100	0	552.1	.000v	65.	45.
38	25	100	0	553.2	.000v	76.	58.
39	50	100	0	554.8	.000v	93.	78.
40	75	100	0	556.4	.000v	128.	89.
41	100	100	0	557.1^	.000v	180.	99.
42	125	100	0	556.7	.000v	241.	103.
43	150	100	0	556.6	.000v	230.	115.
44	175	100	0	555.3	.000v	205.	122.
45	200	100	0	553.4	.000v	181.	94.
46	0	125	0	551.8	.000v	53.	36.
47	25	125	0	552.5	.000v	60.	44.
48	50	125	0	553.4	.000v	69.	60.
49	75	125	0	554.5	.000v	97.	75.
50	100	125	0	555.8	.000v	150.	87.
51	125	125	0	556.7	.000v	196.	105.
52	150	125	0	556.1	.000v	260.	115.
53	175	125	0	555.1	.000v	281.^	135.^
54	200	125	0	553.3	.000v	241.	103.
55	0	150	0	551.5	.000v	44.	29.
56	25	150	0	552.0	.000v	49.	35.
57	50	150	0	552.5	.000v	56.	45.
58	75	150	0	553.1	.000v	69.	57.
59	100	150	0	553.8	.000v	123.	70.
60	125	150	0	554.4	.000v	157.	83.
61	150	150	0	554.4	.000v	207.	96.
62	175	150	0	553.3	.000v	269.	106.
63	200	150	0	552.2	.000v	270.	80.
64	0	175	0	551.3	.000v	39.v	24.v
65	25	175	0	551.5	.000v	43.	28.
66	50	175	0	551.8	.000v	47.	33.
67	75	175	0	552.2	.000v	53.	41.
68	100	175	0	552.4	.000v	96.	50.
69	125	175	0	552.6	.000v	130.	60.
70	150	175	0	552.5	.000v	156.	65.
71	175	175	0	552.0	.000v	195.	65.
72	200	175	0	551.5	.000v	218.	57.
wartosci srednie				553.3	.000	133.	77.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]

tlo stezenia R = 2.200 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	0	0	2.2005v	.000v	.054	.018
2	25	0	0	2.2007	.000v	.066	.027
3	50	0	0	2.2009	.000v	.092	.048
4	75	0	0	2.2010	.000v	.088	.053
5	100	0	0	2.2011	.000v	.076	.060
6	125	0	0	2.2010	.000v	.066	.056
7	150	0	0	2.2009	.000v	.059	.051
8	175	0	0	2.2008	.000v	.056	.043
9	200	0	0	2.2007	.000v	.054	.036
10	0	25	0	2.2008	.000v	.068	.026
11	25	25	0	2.2012	.000v	.100	.037
12	50	25	0	2.2017	.000v	.091	.056
13	75	25	0	2.2021	.000v	.095	.064
14	100	25	0	2.2020	.000v	.092	.064
15	125	25	0	2.2017	.000v	.074	.063
16	150	25	0	2.2014	.000v	.064	.060
17	175	25	0	2.2012	.000v	.062	.051

18	200	25	0	2.2010	.000v	.060	.043
19	0	50	0	2.2012	.000v	.067	.033
20	25	50	0	2.2022	.000v	.091	.058
21	50	50	0	2.2027	.000v	.107	.047
22	75	50	0	2.2034	.000v	.102	.052
23	100	50	0	2.2034	.000v	.099	.067
24	125	50	0	2.2028	.000v	.084	.069
25	150	50	0	2.2022	.000v	.080	.064
26	175	50	0	2.2017	.000v	.076	.058
27	200	50	0	2.2013	.000v	.071	.048
28	0	75	0	2.2015	.000v	.053	.034
29	25	75	0	2.2025	.000v	.069	.052
30	50	75	0	2.2038	.000v	.075	.061
31	75	75	0	2.2040	.000v	.093	.059
32	100	75	0	2.2041	.000v	.118	.068
33	125	75	0	2.2041	.000v	.111	.076
34	150	75	0	2.2034	.000v	.103	.069
35	175	75	0	2.2024	.000v	.096	.062
36	200	75	0	2.2017	.000v	.084	.052
37	0	100	0	2.2014	.000v	.042	.029
38	25	100	0	2.2021	.000v	.048	.037
39	50	100	0	2.2031	.000v	.059	.050
40	75	100	0	2.2041	.000v	.082	.057
41	100	100	0	2.2045^	.000v	.115	.063
42	125	100	0	2.2043	.000v	.154	.065
43	150	100	0	2.2042	.000v	.147	.073
44	175	100	0	2.2034	.000v	.131	.078
45	200	100	0	2.2022	.000v	.116	.060
46	0	125	0	2.2012	.000v	.034	.023
47	25	125	0	2.2016	.000v	.038	.028
48	50	125	0	2.2022	.000v	.044	.039
49	75	125	0	2.2029	.000v	.062	.048
50	100	125	0	2.2037	.000v	.096	.056
51	125	125	0	2.2043	.000v	.125	.067
52	150	125	0	2.2039	.000v	.166	.073
53	175	125	0	2.2032	.000v	.179^	.086^
54	200	125	0	2.2021	.000v	.154	.066
55	0	150	0	2.2010	.000v	.028	.019
56	25	150	0	2.2012	.000v	.031	.022
57	50	150	0	2.2016	.000v	.036	.029
58	75	150	0	2.2020	.000v	.044	.036
59	100	150	0	2.2024	.000v	.078	.045
60	125	150	0	2.2028	.000v	.100	.053
61	150	150	0	2.2028	.000v	.132	.061
62	175	150	0	2.2021	.000v	.171	.067
63	200	150	0	2.2014	.000v	.172	.051
64	0	175	0	2.2008	.000v	.025v	.016v
65	25	175	0	2.2010	.000v	.027	.018
66	50	175	0	2.2012	.000v	.030	.021
67	75	175	0	2.2014	.000v	.034	.026
68	100	175	0	2.2016	.000v	.061	.032
69	125	175	0	2.2017	.000v	.083	.038
70	150	175	0	2.2016	.000v	.100	.042
71	175	175	0	2.2013	.000v	.125	.041
72	200	175	0	2.2009	.000v	.139	.036
wartosci srednie				2.2021	.000	.085	.049

Wyniki obliczen w wezlach swobodnych

ZANIECZYSZCZENIE NR 1 - Ditlenek azotu NO2

dopuszczalne D1 = 200.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 27.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	73	78	0	33.533v	.000v	153.13v	98.74v
2	73	78	1	33.704	.000v	154.96	101.59
3	73	78	2	34.190	.000v	168.11	105.86
4	73	78	3	34.904	.000v	190.65	113.91
5	73	78	4	35.712	.012	215.91	121.66
6	73	78	5	36.446	.019	238.67	128.60
7	73	78	6	36.930	.023	253.88	134.07
8	73	78	7	37.026^	.023^	257.83^	134.59^
9	73	78	8	36.674	.020	248.97	129.94

10	73	78	9	35.917	.015	228.31	119.97
11	73	78	10	34.871	.000v	198.94	108.44
wartosci srednie				35.446	.010	209.94	117.94

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]
tlo stezenia R = 14.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	73	78	0	14.083v	.000v	1.93v	1.11v
2	73	78	1	14.085	.000v	1.96	1.13
3	73	78	2	14.091	.000v	2.12	1.19
4	73	78	3	14.100	.000v	2.41	1.27
5	73	78	4	14.110	.000v	2.73	1.36
6	73	78	5	14.119	.000v	3.02	1.48
7	73	78	6	14.125	.000v	3.21	1.55
8	73	78	7	14.127^	.000v	3.26^	1.57^
9	73	78	8	14.122	.000v	3.15	1.51
10	73	78	9	14.113	.000v	2.88	1.37
11	73	78	10	14.099	.000v	2.51	1.22
wartosci srednie				14.107	.000	2.65	1.34

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 38.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	73	78	0	38.941v	.000v	22.06v	14.23v
2	73	78	1	39.195	.000v	28.63	17.42
3	73	78	2	39.492	.000v	37.46	20.54
4	73	78	3	39.817	.000v	47.12	24.46
5	73	78	4	40.140 *	.000v	56.65	27.79
6	73	78	5	40.419 *	.000v	64.80	30.79
7	73	78	6	40.610 *	.000v	70.32	34.28
8	73	78	7	40.678^*	.000v	72.28^	35.03^
9	73	78	8	40.610 *	.000v	70.32	34.28
10	73	78	9	40.419 *	.000v	64.80	30.79
11	73	78	10	40.140 *	.000v	56.65	27.79
wartosci srednie				40.042	.000	53.74	27.04

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]
tlo stezenia R = 550. [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	73	78	0	556.5v	.000v	152.v	98.v
2	73	78	1	558.2	.000v	198.	120.
3	73	78	2	560.3	.000v	259.	142.
4	73	78	3	562.5	.000v	325.	169.
5	73	78	4	564.8	.000v	391.	192.
6	73	78	5	566.7	.000v	447.	213.
7	73	78	6	568.0	.000v	485.	237.
8	73	78	7	568.5^	.000v	499.^	242.^
9	73	78	8	568.0	.000v	485.	237.
10	73	78	9	566.7	.000v	447.	213.
11	73	78	10	564.8	.000v	391.	192.
wartosci srednie				564.1	.000	371.	187.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.200 [ug/m3]

numer wezla	wspolrzedne wezla x	y	z	stezenie srednie+R	czestosc przekr.	stezenia 1-godz. Smax	S99.8

-	[m]	[m]	[m]	[ug/m3]	[%]	[ug/m3]	[ug/m3]
1	73	78	0	2.2041v	.000v	.097v	.063v
2	73	78	1	2.2043	.000v	.098	.064
3	73	78	2	2.2046	.000v	.107	.067
4	73	78	3	2.2050	.000v	.121	.072
5	73	78	4	2.2055	.000v	.137	.077
6	73	78	5	2.2060	.000v	.152	.082
7	73	78	6	2.2063	.000v	.161	.085
8	73	78	7	2.2064^	.000v	.164^	.085^
9	73	78	8	2.2061	.000v	.158	.082
10	73	78	9	2.2057	.000v	.145	.076
11	73	78	10	2.2050	.000v	.126	.069
	wartosci srednie			2.2054	.000	.133	.075

* - przekroczenie wartosci dopuszczalnej
^ - wartosc maksymalna
v - wartosc minimalna

```
 Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
  wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

     @@@@@@@@@@   WERSJA 6.01   @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
            @@                          @@
          @@  @@@@   @   @@   @@@@   @@  **EKO-KOM**  tel. 602 48 99 66
        @@  @@  @@  @@  @@  @@  @@  @@              fax. 22 842 06 54
       @@   @@  @@  @@@ @@  @@  @@  @@  Andrzej Biernacki 22 784 42 19
      @@    @@  @@  @@@@@@  @@  @@  @@  Marcin Jozwiak    22 847 73 00
     @@     @@@@@@  @@ @@@  @@@@@@  @@  Jan Szymczyk      22 651 88 26
    @@      @@  @@  @@  @@  @@  @@  @@
    @@@@@@@@@@  @@  @@   @  @@  @@  @@  jan.szymczyk@sadyba.elartnet.pl


                R a p o r t  /  d i a g n o s t y k a
              w p r o w a d z o n y c h    d a n y c h


 nazwa uzytkownika :  Autorski
 numer licencji    : MJ/00/03

 data obliczen : 2008-02-03
================================================================================
 IDENTYFIKATOR :
  TA1

================================================================================
 TYTUL :
Metro Warszawskie. 2 linia. Targowek. Etap realizacji (budowa).
Prognoza. Wariant I. Tunele metoda tarczowa i stacje metoda odkrywkowa
Stacja "TARGOWEK I"
================================================================================
 SIATKA OBLICZENIOWA :
  - rzedna punktow   z [m] =        .0
  - wsp. poczatku   x0 [m] =     -50.0
                    y0 [m] =        .0
  - krok siatki     dx [m] =      25.0
                    dy [m] =      25.0
  - liczba wezlow   lx =     9
                    ly =    10

================================================================================
 DANE PODSTAWOWE :
  - dokladnosc obliczen               EPS =  .050000
  - liczba zanieczyszczen            LZAN =   5
  - liczba zanieczyszczen pylowych   LZAP =   0
  - liczba sezonow                   LSEZ =   2
  - liczba podokresow emisji          LOE =   3
  - maksymalny numer emitora         MNEM =   1
  - liczba emitorow punktowych       LKOM =   0
  - liczba emitorow powierzchniowych LPOW =   1
  - liczba emitorow liniowych        LLIN =   0

================================================================================
 DANE METEOROLOGICZNE W SEZONACH :
sezon|  nazwa    |wgledny udzial|temperatura| wysokosc |   nazwa
 nr  |  sezonu   |   w roku     | otoczenia |anemometru| zbioru rozy
--------------------------------------------------------------------------------
  1  | dzi       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.dzi
  2  | noc       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.noc

================================================================================
DANE ZANIECZYSZCZEN :
  numer | typ | czestosc |  nazwa zanieczyszczenia
 ------------------------------------------
    1   | gaz |     .20  | Ditlenek azotu NO2
    2   | gaz |     .27  | Ditlenek siarki SO2
    3   | pyl |     .20  | Pyl zawiezony PM10
    4   | pyl |     .20  | Tlenek wegla CO
    5   | gaz |     .20  | Benzen

================================================================================
 DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :
  ------------------------------------------------------------------------
 zanieczyszczenie nr 1  [ug/m3] - Ditlenek azotu NO2
  d1 =   200.00| da =   40.000| tlo =   28.000
  ------------------------------------------------------------------------
```

```
 zanieczyszczenie nr 2  [ug/m3] - Ditlenek siarki SO2
  d1 =   350.00| da =   30.000| tlo =   14.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 3  [ug/m3] - Pyl zawiezony PM10
  d1 =   280.00| da =   40.000| tlo =   38.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 4  [ug/m3] - Tlenek wegla CO
  d1 =   30000.| da =   5000.0| tlo =   550.00
  ------------------------------------------------------------------------
 zanieczyszczenie nr 5  [ug/m3] - Benzen
  d1 =   30.000| da =   5.0000| tlo =   2.2000

================================================================================
DANE PODOKRESOW EMISJI :
     numer    |    numer   | udzial podokresu
   podokresu  |    sezonu  |     w sezonie
  ------------------------------------------------------
        1     |      1     |      1.0000
        2     |      2     |       .3333
        3     |      2     |       .6667

================================================================================
 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  2.000

================================================================================
  DANE EMITOROW :
================================================================================
 EMITOR NR   1 - POWIERZCHNIOWY "Wykop stacja "TARGOWEK I"               "
 ------------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba     |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
     7.0    |        2       |      4       |  20.0
 ------------------------------------------------------------------------------
              wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|      29.0      30.0 |      51.0     198.0 |      75.0     195.0 |
|      53.0      27.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 ------------------------------------------------------------------------------
 NUMER OKRESU  1 | sezon  1 i 2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        1   2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|   .61590| .0077810|   .17748|   1.2253|.00039100
 ------------------------------------------------------------------------------
 NUMER OKRESU  2 | sezon  2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        3
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|       .0|       .0|       .0|       .0|       .0
 ================================================================================
                      SUMA EMISJI W PODOKRESACH [kg/h]

  numery                 numery zanieczyszczen
podokresow  |      1  |      2  |      3  |      4  |      5  |
    1       |   .61590| .0077810|   .17748|   1.2253|.00039100
    2       |   .61590| .0077810|   .17748|   1.2253|.00039100
    3       |       .0|       .0|       .0|       .0|       .0
```

Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

@@@@@@@@@@ WERSJA 6.01 @@@@@@@@@@@

42	75	100	0	34.403	.000v	149.09	111.81
43	100	100	0	32.218	.000v	119.18	96.58
44	125	100	0	30.783	.000v	98.91	81.02
45	150	100	0	29.965	.000v	86.81	59.95
46	-50	125	0	29.541	.000v	44.90	31.10
47	-25	125	0	30.238	.000v	55.61	41.67
48	0	125	0	31.493	.000v	72.62	65.31
49	25	125	0	33.599	.000v	97.68	82.70
50	50	125	0	33.930	.042	211.29	144.35
51	75	125	0	34.558^	.000v	170.95	113.28
52	100	125	0	32.566	.000v	126.78	96.60
53	125	125	0	30.925	.000v	104.61	77.59
54	150	125	0	30.017	.000v	91.28	51.95
55	-50	150	0	29.551	.000v	43.43	30.22
56	-25	150	0	30.195	.000v	52.95	39.59
57	0	150	0	31.319	.000v	69.00	61.52
58	25	150	0	33.334	.000v	98.83	83.19
59	50	150	0	34.117	.000v	167.45	120.99
60	75	150	0	34.547	.008	207.59	96.90
61	100	150	0	32.647	.000v	148.17	89.87
62	125	150	0	30.881	.000v	117.31	64.56
63	150	150	0	29.955	.000v	95.74	50.55
64	-50	175	0	29.486	.000v	43.05	29.07
65	-25	175	0	30.058	.000v	52.63	38.07
66	0	175	0	31.032	.000v	68.90	53.95
67	25	175	0	32.834	.000v	100.49	80.66
68	50	175	0	34.146	.000v	165.35	122.24
69	75	175	0	33.712	.012	240.81	109.21
70	100	175	0	32.190	.000v	173.97	90.18
71	125	175	0	30.558	.000v	129.18	65.82
72	150	175	0	29.734	.000v	104.85	50.40
73	-50	200	0	29.359	.000v	42.02	26.84
74	-25	200	0	29.819	.000v	52.40	35.34
75	0	200	0	30.555	.000v	67.33	48.65
76	25	200	0	31.838	.000v	99.00	74.32
77	50	200	0	32.775	.000v	163.98	114.69
78	75	200	0	32.113	.010	276.76	109.02
79	100	200	0	30.994	.000v	187.70	80.09
80	125	200	0	29.957	.000v	141.03	59.90
81	150	200	0	29.395	.000v	112.76	46.14
82	-50	225	0	29.190	.000v	40.35v	24.23
83	-25	225	0	29.510	.000v	48.58	30.52
84	0	225	0	29.962	.000v	63.74	41.03
85	25	225	0	30.545	.000v	87.95	57.24
86	50	225	0	30.951	.000v	119.04	77.87
87	75	225	0	30.558	.003	232.50	77.65
88	100	225	0	29.858	.005	204.42	61.55
89	125	225	0	29.381	.000v	146.71	48.72
90	150	225	0	29.069	.000v	118.01	38.84
wartosci srednie				30.893	.007	124.50	70.88

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]

tlo stezenia R = 14.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	-50	0	0	14.007v	.000v	.62	.19v
2	-25	0	0	14.009	.000v	.79	.26
3	0	0	0	14.011	.000v	1.66	.47
4	25	0	0	14.015	.000v	3.21	.96
5	50	0	0	14.019	.000v	3.32	1.39
6	75	0	0	14.020	.000v	2.42	1.13
7	100	0	0	14.018	.000v	1.74	.83
8	125	0	0	14.015	.000v	1.36	.65
9	150	0	0	14.013	.000v	1.15	.55
10	-50	25	0	14.010	.000v	.64	.23
11	-25	25	0	14.013	.000v	.85	.31
12	0	25	0	14.019	.000v	1.20	.53
13	25	25	0	14.025	.000v	3.27	1.06
14	50	25	0	14.036	.000v	3.96^	1.74^
15	75	25	0	14.040	.000v	2.42	1.22
16	100	25	0	14.029	.000v	1.64	.89
17	125	25	0	14.021	.000v	1.33	.67

18	150	25	0	14.016	.000v	1.14	.55
19	-50	50	0	14.013	.000v	.64	.29
20	-25	50	0	14.019	.000v	.82	.40
21	0	50	0	14.032	.000v	1.14	.65
22	25	50	0	14.047	.000v	2.76	1.00
23	50	50	0	14.057	.000v	3.84	1.71
24	75	50	0	14.061	.000v	2.30	1.26
25	100	50	0	14.040	.000v	1.62	1.07
26	125	50	0	14.027	.000v	1.29	.72
27	150	50	0	14.020	.000v	1.11	.56
28	-50	75	0	14.016	.000v	.61	.30
29	-25	75	0	14.024	.000v	.78	.46
30	0	75	0	14.041	.000v	1.05	.75
31	25	75	0	14.065	.000v	1.99	.94
32	50	75	0	14.076	.000v	3.75	1.65
33	75	75	0	14.074	.000v	2.09	1.30
34	100	75	0	14.047	.000v	1.56	1.16
35	125	75	0	14.032	.000v	1.27	.77
36	150	75	0	14.023	.000v	1.09	.58
37	-50	100	0	14.018	.000v	.59	.34
38	-25	100	0	14.027	.000v	.73	.52
39	0	100	0	14.044	.000v	.96	.77
40	25	100	0	14.070	.000v	1.37	1.01
41	50	100	0	14.076	.000v	3.29	1.63
42	75	100	0	14.081	.000v	1.88	1.30
43	100	100	0	14.053	.000v	1.51	1.20
44	125	100	0	14.035	.000v	1.25	.73
45	150	100	0	14.025	.000v	1.10	.59
46	-50	125	0	14.019	.000v	.57	.36
47	-25	125	0	14.028	.000v	.70	.51
48	0	125	0	14.044	.000v	.92	.73
49	25	125	0	14.071	.000v	1.23	1.02
50	50	125	0	14.075	.000v	2.67	1.64
51	75	125	0	14.083^	.000v	2.16	1.31
52	100	125	0	14.058	.000v	1.60	1.14
53	125	125	0	14.037	.000v	1.32	.76
54	150	125	0	14.025	.000v	1.15	.60
55	-50	150	0	14.020	.000v	.55	.36
56	-25	150	0	14.028	.000v	.67	.49
57	0	150	0	14.042	.000v	.87	.68
58	25	150	0	14.067	.000v	1.25	1.03
59	50	150	0	14.077	.000v	2.12	1.45
60	75	150	0	14.083	.000v	2.62	1.17
61	100	150	0	14.059	.000v	1.87	1.09
62	125	150	0	14.036	.000v	1.48	.78
63	150	150	0	14.025	.000v	1.21	.61
64	-50	175	0	14.019	.000v	.54	.34
65	-25	175	0	14.026	.000v	.66	.47
66	0	175	0	14.038	.000v	.87	.66
67	25	175	0	14.061	.000v	1.27	.99
68	50	175	0	14.078	.000v	2.09	1.49
69	75	175	0	14.072	.000v	3.04	1.31
70	100	175	0	14.053	.000v	2.20	1.05
71	125	175	0	14.032	.000v	1.63	.77
72	150	175	0	14.022	.000v	1.32	.58
73	-50	200	0	14.017	.000v	.53	.31
74	-25	200	0	14.023	.000v	.66	.42
75	0	200	0	14.032	.000v	.85	.59
76	25	200	0	14.048	.000v	1.25	.91
77	50	200	0	14.060	.000v	2.07	1.35
78	75	200	0	14.052	.000v	3.50	1.29
79	100	200	0	14.038	.000v	2.37	.91
80	125	200	0	14.025	.000v	1.78	.64
81	150	200	0	14.018	.000v	1.42	.48
82	-50	225	0	14.015	.000v	.51v	.28
83	-25	225	0	14.019	.000v	.61	.35
84	0	225	0	14.025	.000v	.81	.48
85	25	225	0	14.032	.000v	1.11	.67
86	50	225	0	14.037	.000v	1.50	.93
87	75	225	0	14.032	.000v	2.94	.92
88	100	225	0	14.023	.000v	2.58	.70
89	125	225	0	14.017	.000v	1.85	.52
90	150	225	0	14.014	.000v	1.49	.40
	wartosci srednie			14.037	.000	1.57	.81

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 38.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	-50	0	0	38.081v	.000v	7.05	2.35v
2	-25	0	0	38.102	.000v	9.03	3.43
3	0	0	0	38.130	.000v	18.95	6.04
4	25	0	0	38.172	.000v	36.66	13.02
5	50	0	0	38.221	.000v	37.89	17.39
6	75	0	0	38.234	.000v	27.56	13.48
7	100	0	0	38.206	.000v	19.86	10.11
8	125	0	0	38.172	.000v	15.53	7.77
9	150	0	0	38.143	.000v	13.12	6.55
10	-50	25	0	38.112	.000v	7.30	3.18
11	-25	25	0	38.151	.000v	9.70	4.31
12	0	25	0	38.222	.000v	13.63	6.76
13	25	25	0	38.290	.000v	37.24	14.17
14	50	25	0	38.413	.000v	45.15^	22.10^
15	75	25	0	38.456	.000v	27.63	15.14
16	100	25	0	38.327	.000v	18.68	12.93
17	125	25	0	38.241	.000v	15.17	10.23
18	150	25	0	38.186	.000v	13.00	7.43
19	-50	50	0	38.148	.000v	7.25	3.59
20	-25	50	0	38.218	.000v	9.30	5.17
21	0	50	0	38.361	.000v	13.02	8.47
22	25	50	0	38.539	.000v	31.45	12.78
23	50	50	0	38.648	.000v	43.81	21.73
24	75	50	0	38.696	.000v	26.27	15.59
25	100	50	0	38.451	.000v	18.49	13.07
26	125	50	0	38.310	.000v	14.70	11.32
27	150	50	0	38.229	.000v	12.65	8.86
28	-50	75	0	38.183	.000v	6.96	4.08
29	-25	75	0	38.276	.000v	8.86	6.13
30	0	75	0	38.463	.000v	11.99	9.22
31	25	75	0	38.742	.000v	22.65	11.21
32	50	75	0	38.870	.000v	42.81	21.40
33	75	75	0	38.844	.000v	23.81	15.75
34	100	75	0	38.541	.000v	17.80	13.84
35	125	75	0	38.362	.000v	14.53	12.29
36	150	75	0	38.262	.000v	12.46	9.28
37	-50	100	0	38.209	.000v	6.75	4.56
38	-25	100	0	38.312	.000v	8.36	6.28
39	0	100	0	38.503	.000v	10.93	8.88
40	25	100	0	38.804	.000v	15.67	12.07
41	50	100	0	38.865	.000v	37.47	19.73
42	75	100	0	38.923	.000v	21.48	16.11
43	100	100	0	38.608	.000v	17.17	13.92
44	125	100	0	38.401	.000v	14.25	11.67
45	150	100	0	38.283	.000v	12.51	8.64
46	-50	125	0	38.222	.000v	6.47	4.48
47	-25	125	0	38.322	.000v	8.01	6.00
48	0	125	0	38.503	.000v	10.46	9.41
49	25	125	0	38.807	.000v	14.07	11.92
50	50	125	0	38.854	.000v	30.44	20.80
51	75	125	0	38.945^	.000v	24.63	16.32
52	100	125	0	38.658	.000v	18.27	13.92
53	125	125	0	38.421	.000v	15.07	11.18
54	150	125	0	38.291	.000v	13.15	7.48
55	-50	150	0	38.223	.000v	6.26	4.35
56	-25	150	0	38.316	.000v	7.63	5.70
57	0	150	0	38.478	.000v	9.94	8.86
58	25	150	0	38.769	.000v	14.24	11.99
59	50	150	0	38.881	.000v	24.13	17.43
60	75	150	0	38.943	.000v	29.91	13.96
61	100	150	0	38.670	.000v	21.35	12.95
62	125	150	0	38.415	.000v	16.90	9.30
63	150	150	0	38.282	.000v	13.79	7.28
64	-50	175	0	38.214	.000v	6.20	4.19
65	-25	175	0	38.297	.000v	7.58	5.49
66	0	175	0	38.437	.000v	9.93	7.77
67	25	175	0	38.696	.000v	14.48	11.62
68	50	175	0	38.886	.000v	23.82	17.61
69	75	175	0	38.823	.000v	34.70	15.73
70	100	175	0	38.604	.000v	25.06	12.99

71	125	175	0	38.369	.000v	18.61	9.48
72	150	175	0	38.250	.000v	15.11	7.26
73	-50	200	0	38.196	.000v	6.05	3.87
74	-25	200	0	38.262	.000v	7.55	5.09
75	0	200	0	38.368	.000v	9.70	7.01
76	25	200	0	38.553	.000v	14.26	10.71
77	50	200	0	38.688	.000v	23.63	16.52
78	75	200	0	38.593	.000v	39.88	15.71
79	100	200	0	38.431	.000v	27.04	11.54
80	125	200	0	38.282	.000v	20.32	8.63
81	150	200	0	38.201	.000v	16.25	6.65
82	-50	225	0	38.171	.000v	5.81v	3.49
83	-25	225	0	38.218	.000v	7.00	4.40
84	0	225	0	38.283	.000v	9.18	5.91
85	25	225	0	38.367	.000v	12.67	8.25
86	50	225	0	38.425	.000v	17.15	11.22
87	75	225	0	38.369	.000v	33.50	11.19
88	100	225	0	38.268	.000v	29.45	8.87
89	125	225	0	38.199	.000v	21.14	7.02
90	150	225	0	38.154	.000v	17.00	5.60
wartosci srednie				38.417	.000	17.94	10.21

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]

tlo stezenia R = 550. [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	-50	0	0	550.6v	.000v	49.	16.v
2	-25	0	0	550.7	.000v	62.	24.
3	0	0	0	550.9	.000v	131.	42.
4	25	0	0	551.2	.000v	253.	90.
5	50	0	0	551.5	.000v	262.	120.
6	75	0	0	551.6	.000v	190.	93.
7	100	0	0	551.4	.000v	137.	70.
8	125	0	0	551.2	.000v	107.	54.
9	150	0	0	551.0	.000v	91.	45.
10	-50	25	0	550.8	.000v	50.	22.
11	-25	25	0	551.0	.000v	67.	30.
12	0	25	0	551.5	.000v	94.	47.
13	25	25	0	552.0	.000v	257.	98.
14	50	25	0	552.9	.000v	312.^	153.^
15	75	25	0	553.1	.000v	191.	105.
16	100	25	0	552.3	.000v	129.	89.
17	125	25	0	551.7	.000v	105.	71.
18	150	25	0	551.3	.000v	90.	51.
19	-50	50	0	551.0	.000v	50.	25.
20	-25	50	0	551.5	.000v	64.	36.
21	0	50	0	552.5	.000v	90.	58.
22	25	50	0	553.7	.000v	217.	88.
23	50	50	0	554.5	.000v	302.	150.
24	75	50	0	554.8	.000v	181.	108.
25	100	50	0	553.1	.000v	128.	90.
26	125	50	0	552.1	.000v	101.	78.
27	150	50	0	551.6	.000v	87.	61.
28	-50	75	0	551.3	.000v	48.	28.
29	-25	75	0	551.9	.000v	61.	42.
30	0	75	0	553.2	.000v	83.	64.
31	25	75	0	555.1	.000v	156.	77.
32	50	75	0	556.0	.000v	296.	148.
33	75	75	0	555.8	.000v	164.	109.
34	100	75	0	553.7	.000v	123.	96.
35	125	75	0	552.5	.000v	100.	85.
36	150	75	0	551.8	.000v	86.	64.
37	-50	100	0	551.4	.000v	47.	31.
38	-25	100	0	552.2	.000v	58.	43.
39	0	100	0	553.5	.000v	75.	61.
40	25	100	0	555.5	.000v	108.	83.
41	50	100	0	556.0	.000v	259.	136.
42	75	100	0	556.4	.000v	148.	111.
43	100	100	0	554.2	.000v	119.	96.
44	125	100	0	552.8	.000v	98.	81.
45	150	100	0	552.0	.000v	86.	60.
46	-50	125	0	551.5	.000v	45.	31.

47	-25	125	0	552.2	.000v	55.	41.
48	0	125	0	553.5	.000v	72.	65.
49	25	125	0	555.6	.000v	97.	82.
50	50	125	0	555.9	.000v	210.	144.
51	75	125	0	556.5^	.000v	170.	113.
52	100	125	0	554.5	.000v	126.	96.
53	125	125	0	552.9	.000v	104.	77.
54	150	125	0	552.0	.000v	91.	52.
55	-50	150	0	551.5	.000v	43.	30.
56	-25	150	0	552.2	.000v	53.	39.
57	0	150	0	553.3	.000v	69.	61.
58	25	150	0	555.3	.000v	98.	83.
59	50	150	0	556.1	.000v	167.	120.
60	75	150	0	556.5	.000v	206.	96.
61	100	150	0	554.6	.000v	147.	89.
62	125	150	0	552.9	.000v	117.	64.
63	150	150	0	551.9	.000v	95.	50.
64	-50	175	0	551.5	.000v	43.	29.
65	-25	175	0	552.0	.000v	52.	38.
66	0	175	0	553.0	.000v	69.	54.
67	25	175	0	554.8	.000v	100.	80.
68	50	175	0	556.1	.000v	164.	122.
69	75	175	0	555.7	.000v	240.	109.
70	100	175	0	554.2	.000v	173.	90.
71	125	175	0	552.5	.000v	128.	65.
72	150	175	0	551.7	.000v	104.	50.
73	-50	200	0	551.4	.000v	42.	27.
74	-25	200	0	551.8	.000v	52.	35.
75	0	200	0	552.5	.000v	67.	48.
76	25	200	0	553.8	.000v	98.	74.
77	50	200	0	554.7	.000v	163.	114.
78	75	200	0	554.1	.000v	275.	108.
79	100	200	0	553.0	.000v	187.	80.
80	125	200	0	551.9	.000v	140.	60.
81	150	200	0	551.4	.000v	112.	46.
82	-50	225	0	551.2	.000v	40.v	24.
83	-25	225	0	551.5	.000v	48.	30.
84	0	225	0	552.0	.000v	63.	41.
85	25	225	0	552.5	.000v	87.	57.
86	50	225	0	552.9	.000v	118.	77.
87	75	225	0	552.5	.000v	231.	77.
88	100	225	0	551.8	.000v	203.	61.
89	125	225	0	551.4	.000v	146.	48.
90	150	225	0	551.1	.000v	117.	39.
wartosci srednie				552.9	.000	124.	71.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]

tlo stezenia R = 2.200 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	-50	0	0	2.2004v	.000v	.031	.010v
2	-25	0	0	2.2004	.000v	.040	.015
3	0	0	0	2.2006	.000v	.084	.027
4	25	0	0	2.2008	.000v	.162	.057
5	50	0	0	2.2010	.000v	.167	.077
6	75	0	0	2.2010	.000v	.121	.059
7	100	0	0	2.2009	.000v	.088	.045
8	125	0	0	2.2008	.000v	.068	.034
9	150	0	0	2.2006	.000v	.058	.029
10	-50	25	0	2.2005	.000v	.032	.014
11	-25	25	0	2.2007	.000v	.043	.019
12	0	25	0	2.2010	.000v	.060	.030
13	25	25	0	2.2013	.000v	.164	.062
14	50	25	0	2.2018	.000v	.199^	.097^
15	75	25	0	2.2020	.000v	.122	.067
16	100	25	0	2.2014	.000v	.082	.057
17	125	25	0	2.2011	.000v	.067	.045
18	150	25	0	2.2008	.000v	.057	.033
19	-50	50	0	2.2007	.000v	.032	.016
20	-25	50	0	2.2010	.000v	.041	.023
21	0	50	0	2.2016	.000v	.057	.037
22	25	50	0	2.2024	.000v	.139	.056

23	50	50	0	2.2029	.000v	.193	.096
24	75	50	0	2.2031	.000v	.116	.069
25	100	50	0	2.2020	.000v	.081	.058
26	125	50	0	2.2014	.000v	.065	.050
27	150	50	0	2.2010	.000v	.056	.039
28	-50	75	0	2.2008	.000v	.031	.018
29	-25	75	0	2.2012	.000v	.039	.027
30	0	75	0	2.2020	.000v	.053	.041
31	25	75	0	2.2033	.000v	.100	.049
32	50	75	0	2.2038	.000v	.189	.094
33	75	75	0	2.2037	.000v	.105	.069
34	100	75	0	2.2024	.000v	.078	.061
35	125	75	0	2.2016	.000v	.064	.054
36	150	75	0	2.2012	.000v	.055	.041
37	-50	100	0	2.2009	.000v	.030	.020
38	-25	100	0	2.2014	.000v	.037	.028
39	0	100	0	2.2022	.000v	.048	.039
40	25	100	0	2.2035	.000v	.069	.053
41	50	100	0	2.2038	.000v	.165	.087
42	75	100	0	2.2041	.000v	.095	.071
43	100	100	0	2.2027	.000v	.076	.061
44	125	100	0	2.2018	.000v	.063	.051
45	150	100	0	2.2012	.000v	.055	.038
46	-50	125	0	2.2010	.000v	.029	.020
47	-25	125	0	2.2014	.000v	.035	.026
48	0	125	0	2.2022	.000v	.046	.041
49	25	125	0	2.2036	.000v	.062	.053
50	50	125	0	2.2038	.000v	.134	.092
51	75	125	0	2.2042^	.000v	.109	.072
52	100	125	0	2.2029	.000v	.080	.061
53	125	125	0	2.2019	.000v	.066	.049
54	150	125	0	2.2013	.000v	.058	.033
55	-50	150	0	2.2010	.000v	.028	.019
56	-25	150	0	2.2014	.000v	.034	.025
57	0	150	0	2.2021	.000v	.044	.039
58	25	150	0	2.2034	.000v	.063	.053
59	50	150	0	2.2039	.000v	.106	.077
60	75	150	0	2.2042	.000v	.132	.062
61	100	150	0	2.2030	.000v	.094	.057
62	125	150	0	2.2018	.000v	.074	.041
63	150	150	0	2.2012	.000v	.061	.032
64	-50	175	0	2.2009	.000v	.027	.018
65	-25	175	0	2.2013	.000v	.033	.024
66	0	175	0	2.2019	.000v	.044	.034
67	25	175	0	2.2031	.000v	.064	.051
68	50	175	0	2.2039	.000v	.105	.078
69	75	175	0	2.2036	.000v	.153	.069
70	100	175	0	2.2027	.000v	.110	.057
71	125	175	0	2.2016	.000v	.082	.042
72	150	175	0	2.2011	.000v	.067	.032
73	-50	200	0	2.2009	.000v	.027	.017
74	-25	200	0	2.2012	.000v	.033	.022
75	0	200	0	2.2016	.000v	.043	.031
76	25	200	0	2.2024	.000v	.063	.047
77	50	200	0	2.2030	.000v	.104	.073
78	75	200	0	2.2026	.000v	.176	.069
79	100	200	0	2.2019	.000v	.119	.051
80	125	200	0	2.2012	.000v	.090	.038
81	150	200	0	2.2009	.000v	.072	.029
82	-50	225	0	2.2008	.000v	.026v	.015
83	-25	225	0	2.2010	.000v	.031	.019
84	0	225	0	2.2012	.000v	.040	.026
85	25	225	0	2.2016	.000v	.056	.036
86	50	225	0	2.2019	.000v	.076	.049
87	75	225	0	2.2016	.000v	.148	.049
88	100	225	0	2.2012	.000v	.130	.039
89	125	225	0	2.2009	.000v	.093	.031
90	150	225	0	2.2007	.000v	.075	.025
wartosci srednie				2.2018	.000	.079	.045

* - przekroczenie wartosci dopuszczalnej
^ - wartosc maksymalna
v - wartosc minimalna

```
 Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
  wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

     @@@@@@@@@@   WERSJA 6.01   @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
            @@                          @@
          @@  @@@@   @   @@   @@@@   @@  **EKO-KOM**  tel. 602 48 99 66
         @@  @@  @@  @@  @@  @@  @@  @@              fax. 22 842 06 54
        @@   @@  @@  @@@ @@  @@  @@  @@  Andrzej Biernacki 22 784 42 19
       @@    @@  @@  @@@@@@  @@  @@  @@  Marcin Jozwiak    22 847 73 00
      @@     @@@@@@  @@ @@@  @@@@@@  @@  Jan Szymczyk      22 651 88 26
     @@      @@  @@  @@  @@  @@  @@  @@
     @@@@@@@@@@  @@  @@   @  @@  @@  @@  jan.szymczyk@sadyba.elartnet.pl


                R a p o r t  /  d i a g n o s t y k a
              w p r o w a d z o n y c h    d a n y c h


 nazwa uzytkownika :  Autorski
 numer licencji    : MJ/00/03

 data obliczen : 2008-02-03
================================================================================
 IDENTYFIKATOR :
  TA2

================================================================================
 TYTUL :
Metro Warszawskie. 2 linia. Targowek. Etap realizacji (budowa).
Prognoza. Wariant I. Tunele metoda tarczowa i stacje metoda odkrywkowa
Stacja "TARGOWEK II
================================================================================
 SIATKA OBLICZENIOWA :
  - rzedna punktow   z [m] =        .0
  - wsp. poczatku   x0 [m] =        .0
                    y0 [m] =        .0
  - krok siatki     dx [m] =      25.0
                    dy [m] =      25.0
  - liczba wezlow   lx =     9
                    ly =     9

================================================================================
 DANE PODSTAWOWE :
  - dokladnosc obliczen               EPS =  .050000
  - liczba zanieczyszczen            LZAN =   5
  - liczba zanieczyszczen pylowych   LZAP =   0
  - liczba sezonow                   LSEZ =   2
  - liczba podokresow emisji          LOE =   3
  - maksymalny numer emitora         MNEM =   1
  - liczba emitorow punktowych       LKOM =   0
  - liczba emitorow powierzchniowych LPOW =   1
  - liczba emitorow liniowych        LLIN =   0

================================================================================
 DANE METEOROLOGICZNE W SEZONACH :
sezon|  nazwa    |wgledny udzial|temperatura| wysokosc |   nazwa
 nr  |  sezonu   |   w roku     | otoczenia |anemometru| zbioru rozy
--------------------------------------------------------------------------------
  1  | dzi       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.dzi
  2  | noc       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.noc

================================================================================
DANE ZANIECZYSZCZEN :
  numer | typ | czestosc |  nazwa zanieczyszczenia
 ------------------------------------------
    1   | gaz |     .20  | Ditlenek azotu NO2
    2   | gaz |     .27  | Ditlenek siarki SO2
    3   | pyl |     .20  | Pyl zawiezony PM10
    4   | pyl |     .20  | Tlenek wegla CO
    5   | gaz |     .20  | Benzen

================================================================================
 DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :
  ------------------------------------------------------------------------
 zanieczyszczenie nr 1  [ug/m3] - Ditlenek azotu NO2
  d1 =   200.00| da =   40.000| tlo =   28.000
  ------------------------------------------------------------------------
```

```
 zanieczyszczenie nr 2  [ug/m3] - Ditlenek siarki SO2
  d1 =   350.00| da =   30.000| tlo =   14.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 3  [ug/m3] - Pyl zawiezony PM10
  d1 =   280.00| da =   40.000| tlo =   38.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 4  [ug/m3] - Tlenek wegla CO
  d1 =   30000.| da =   5000.0| tlo =   550.00
  ------------------------------------------------------------------------
 zanieczyszczenie nr 5  [ug/m3] - Benzen
  d1 =   30.000| da =   5.0000| tlo =   2.2000

================================================================================
DANE PODOKRESOW EMISJI :
     numer    |    numer   | udzial podokresu
   podokresu  |    sezonu  |     w sezonie
  ------------------------------------------------------
        1     |      1     |      1.0000
        2     |      2     |       .3333
        3     |      2     |       .6667

================================================================================
 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  2.000

================================================================================
  DANE EMITOROW :
================================================================================
 EMITOR NR   1 - POWIERZCHNIOWY "Wykop stacja "TARGOWEK II"              "
 ------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba     |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
     7.0    |        2       |      4       |  20.0
 ------------------------------------------------------------------------
              wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|      40.0      44.0 |     151.0     159.0 |     168.0     142.0 |
|      57.0      27.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 ------------------------------------------------------------------------
 NUMER OKRESU  1 | sezon  1 i 2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        1   2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|   .61590| .0077810|   .17748|   1.2253|.00039100
 ------------------------------------------------------------------------
 NUMER OKRESU  2 | sezon  2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        3
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|       .0|       .0|       .0|       .0|       .0
 ========================================================================
                      SUMA EMISJI W PODOKRESACH [kg/h]

  numery                 numery zanieczyszczen
podokresow  |      1  |      2  |      3  |      4  |      5  |
    1       |   .61590| .0077810|   .17748|   1.2253|.00039100
    2       |   .61590| .0077810|   .17748|   1.2253|.00039100
    3       |       .0|       .0|       .0|       .0|       .0
```

Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

@@@@@@@@@@ WERSJA 6.01 @@@@@@@@@@@

42	125	100	0	34.339	.012	207.52	112.50
43	150	100	0	33.843	.000v	190.77	109.11
44	175	100	0	32.134	.000v	154.28	94.92
45	200	100	0	30.736	.000v	128.44	70.13
46	0	125	0	29.773	.000v	50.76	34.72
47	25	125	0	30.488	.000v	58.12	43.73
48	50	125	0	31.574	.000v	71.28	63.89
49	75	125	0	33.119	.000v	86.98	81.73
50	100	125	0	34.598	.000v	166.78	93.31
51	125	125	0	34.232	.014	226.44	108.66
52	150	125	0	33.730	.030	252.93	106.43
53	175	125	0	32.848	.014	214.09	111.22
54	200	125	0	31.054	.000v	166.22	86.28
55	0	150	0	29.545	.000v	44.13	29.40
56	25	150	0	30.046	.000v	51.03	36.26
57	50	150	0	30.728	.000v	58.40	48.31
58	75	150	0	31.676	.000v	71.99	66.28
59	100	150	0	32.960	.000v	138.12	82.25
60	125	150	0	33.991	.010	213.83	101.69
61	150	150	0	33.176	.027	286.44^	128.20^
62	175	150	0	32.036	.031^	278.02	103.42
63	200	150	0	30.612	.014	219.00	80.96
64	0	175	0	29.321	.000v	39.13	25.01
65	25	175	0	29.661	.000v	44.55	30.16
66	50	175	0	30.091	.000v	51.05	37.68
67	75	175	0	30.622	.000v	60.66	48.84
68	100	175	0	31.238	.000v	99.29	62.18
69	125	175	0	31.809	.000v	170.76	80.50
70	150	175	0	31.526	.017	247.58	97.76
71	175	175	0	30.540	.020	272.87	85.55
72	200	175	0	29.779	.015	232.79	66.51
73	0	200	0	29.114	.000v	35.08v	21.43v
74	25	200	0	29.338	.000v	39.47	25.25
75	50	200	0	29.596	.000v	44.75	29.87
76	75	200	0	29.874	.000v	51.57	35.48
77	100	200	0	30.125	.000v	72.96	42.33
78	125	200	0	30.244	.000v	134.87	52.49
79	150	200	0	30.051	.000v	189.44	58.04
80	175	200	0	29.613	.008	215.76	55.78
81	200	200	0	29.232	.005	210.39	48.78
wartosci srednie				31.099	.003	129.94	72.80

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]

tlo stezenia R = 14.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	0	0	0	14.010v	.000v	1.00	.29
2	25	0	0	14.012	.000v	1.30	.40
3	50	0	0	14.016	.000v	2.29	.79
4	75	0	0	14.020	.000v	2.18	1.07
5	100	0	0	14.021	.000v	1.71	.92
6	125	0	0	14.020	.000v	1.40	.94
7	150	0	0	14.017	.000v	1.21	.70
8	175	0	0	14.015	.000v	1.09	.55
9	200	0	0	14.013	.000v	1.01	.50
10	0	25	0	14.015	.000v	1.15	.38
11	25	25	0	14.021	.000v	1.69	.56
12	50	25	0	14.028	.000v	2.01	.80
13	75	25	0	14.039	.000v	2.45	1.25
14	100	25	0	14.040	.000v	1.97	1.20
15	125	25	0	14.032	.000v	1.50	1.20
16	150	25	0	14.026	.000v	1.30	.98
17	175	25	0	14.021	.000v	1.16	.69
18	200	25	0	14.017	.000v	1.08	.55
19	0	50	0	14.021	.000v	1.10	.50
20	25	50	0	14.036	.000v	1.65	.79
21	50	50	0	14.051	.000v	2.04	.84
22	75	50	0	14.061	.000v	1.95	.98
23	100	50	0	14.067	.000v	2.47	1.27
24	125	50	0	14.052	.000v	1.77	1.30
25	150	50	0	14.038	.000v	1.37	1.17
26	175	50	0	14.029	.000v	1.28	.91

27	200	50	0	14.022	.000v	1.22	.63
28	0	75	0	14.025	.000v	.92	.49
29	25	75	0	14.043	.000v	1.17	.82
30	50	75	0	14.068	.000v	1.55	.99
31	75	75	0	14.077	.000v	1.63	1.01
32	100	75	0	14.081	.000v	2.10	1.37
33	125	75	0	14.076	.000v	2.03	1.35
34	150	75	0	14.055	.000v	1.71	1.27
35	175	75	0	14.039	.000v	1.49	1.02
36	200	75	0	14.028	.000v	1.40	.73
37	0	100	0	14.025	.000v	.76	.48
38	25	100	0	14.038	.000v	.92	.68
39	50	100	0	14.059	.000v	1.13	.90
40	75	100	0	14.081	.000v	1.50	1.11
41	100	100	0	14.084^	.000v	2.19	1.08
42	125	100	0	14.080	.000v	2.62	1.38
43	150	100	0	14.074	.000v	2.41	1.34
44	175	100	0	14.052	.000v	1.95	1.13
45	200	100	0	14.035	.000v	1.62	.86
46	0	125	0	14.022	.000v	.64	.41
47	25	125	0	14.031	.000v	.73	.54
48	50	125	0	14.045	.000v	.90	.71
49	75	125	0	14.065	.000v	1.10	1.01
50	100	125	0	14.083	.000v	2.11	1.16
51	125	125	0	14.079	.000v	2.86	1.31
52	150	125	0	14.072	.000v	3.20	1.27
53	175	125	0	14.061	.000v	2.70	1.30
54	200	125	0	14.039	.000v	2.10	.98
55	0	150	0	14.020	.000v	.56	.35
56	25	150	0	14.026	.000v	.64	.45
57	50	150	0	14.034	.000v	.74	.56
58	75	150	0	14.046	.000v	.91	.72
59	100	150	0	14.063	.000v	1.74	1.01
60	125	150	0	14.076	.000v	2.70	1.25
61	150	150	0	14.065	.000v	3.62^	1.48^
62	175	150	0	14.051	.000v	3.51	1.23
63	200	150	0	14.033	.000v	2.77	.86
64	0	175	0	14.017	.000v	.49	.30
65	25	175	0	14.021	.000v	.56	.37
66	50	175	0	14.026	.000v	.64	.45
67	75	175	0	14.033	.000v	.77	.56
68	100	175	0	14.041	.000v	1.25	.71
69	125	175	0	14.048	.000v	2.16	.95
70	150	175	0	14.045	.000v	3.13	1.19
71	175	175	0	14.032	.000v	3.45	1.03
72	200	175	0	14.022	.000v	2.94	.71
73	0	200	0	14.014	.000v	.44v	.25v
74	25	200	0	14.017	.000v	.50	.30
75	50	200	0	14.020	.000v	.57	.36
76	75	200	0	14.024	.000v	.65	.44
77	100	200	0	14.027	.000v	.92	.53
78	125	200	0	14.028	.000v	1.70	.63
79	150	200	0	14.026	.000v	2.39	.71
80	175	200	0	14.020	.000v	2.73	.65
81	200	200	0	14.016	.000v	2.66	.53
wartosci srednie				14.039	.000	1.64	.83

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]

tlo stezenia R = 38.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	0	0	38.109v	.000v	11.40	3.73
2	25	0	0	38.139	.000v	14.79	5.31
3	50	0	0	38.184	.000v	26.13	10.41
4	75	0	0	38.231	.000v	24.85	13.48
5	100	0	0	38.241	.000v	19.52	13.64
6	125	0	0	38.224	.000v	16.01	12.94
7	150	0	0	38.198	.000v	13.76	10.89
8	175	0	0	38.172	.000v	12.45	9.41
9	200	0	0	38.149	.000v	11.54	7.48
10	0	25	0	38.167	.000v	13.07	5.15
11	25	25	0	38.243	.000v	19.26	7.56

12	50	25	0	38.321	.000v	22.89	10.82
13	75	25	0	38.449	.000v	27.98	15.00
14	100	25	0	38.453	.000v	22.47	15.24
15	125	25	0	38.368	.000v	17.14	14.13
16	150	25	0	38.296	.000v	14.88	13.42
17	175	25	0	38.239	.000v	13.28	10.52
18	200	25	0	38.196	.000v	12.33	9.05
19	0	50	0	38.241	.000v	12.55	6.19
20	25	50	0	38.416	.000v	18.87	10.17
21	50	50	0	38.578	.000v	23.31	11.22
22	75	50	0	38.701	.000v	22.23	12.58
23	100	50	0	38.767	.000v	28.21	16.01
24	125	50	0	38.592	.000v	20.14	15.44
25	150	50	0	38.436	.000v	15.63	14.36
26	175	50	0	38.330	.000v	14.60	12.97
27	200	50	0	38.255	.000v	13.97	10.17
28	0	75	0	38.284	.000v	10.50	6.57
29	25	75	0	38.486	.000v	13.32	9.98
30	50	75	0	38.778	.000v	17.73	11.78
31	75	75	0	38.877	.000v	18.61	12.17
32	100	75	0	38.928	.000v	23.97	16.52
33	125	75	0	38.863	.000v	23.14	16.12
34	150	75	0	38.632	.000v	19.45	15.00
35	175	75	0	38.447	.000v	17.04	13.74
36	200	75	0	38.324	.000v	15.93	10.78
37	0	100	0	38.281	.000v	8.65	5.88
38	25	100	0	38.429	.000v	10.44	7.94
39	50	100	0	38.669	.000v	12.91	11.40
40	75	100	0	38.928	.000v	17.08	13.08
41	100	100	0	38.958^	.000v	25.00	12.77
42	125	100	0	38.913	.000v	29.90	16.21
43	150	100	0	38.842	.000v	27.49	15.72
44	175	100	0	38.596	.000v	22.23	13.68
45	200	100	0	38.394	.000v	18.51	10.10
46	0	125	0	38.255	.000v	7.31	5.00
47	25	125	0	38.359	.000v	8.37	6.30
48	50	125	0	38.515	.000v	10.27	9.20
49	75	125	0	38.738	.000v	12.53	11.77
50	100	125	0	38.951	.000v	24.03	13.44
51	125	125	0	38.898	.000v	32.63	15.66
52	150	125	0	38.826	.000v	36.44	15.33
53	175	125	0	38.698	.000v	30.85	16.02
54	200	125	0	38.440	.000v	23.95	12.43
55	0	150	0	38.223	.000v	6.36	4.24
56	25	150	0	38.295	.000v	7.35	5.22
57	50	150	0	38.393	.000v	8.41	6.96
58	75	150	0	38.530	.000v	10.37	9.55
59	100	150	0	38.715	.000v	19.90	11.85
60	125	150	0	38.863	.000v	30.81	14.65
61	150	150	0	38.746	.000v	41.27^	18.47^
62	175	150	0	38.582	.000v	40.06	14.90
63	200	150	0	38.376	.000v	31.55	11.66
64	0	175	0	38.190	.000v	5.64	3.60
65	25	175	0	38.239	.000v	6.42	4.35
66	50	175	0	38.301	.000v	7.35	5.43
67	75	175	0	38.378	.000v	8.74	7.04
68	100	175	0	38.467	.000v	14.31	8.96
69	125	175	0	38.549	.000v	24.60	11.60
70	150	175	0	38.508	.000v	35.67	14.09
71	175	175	0	38.366	.000v	39.32	12.33
72	200	175	0	38.256	.000v	33.54	9.58
73	0	200	0	38.161	.000v	5.05v	3.09v
74	25	200	0	38.193	.000v	5.69	3.64
75	50	200	0	38.230	.000v	6.45	4.30
76	75	200	0	38.270	.000v	7.43	5.11
77	100	200	0	38.306	.000v	10.51	6.10
78	125	200	0	38.323	.000v	19.43	7.56
79	150	200	0	38.296	.000v	27.29	8.36
80	175	200	0	38.232	.000v	31.09	8.04
81	200	200	0	38.178	.000v	30.31	7.03
wartosci srednie				38.446	.000	18.72	10.49

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]

tlo stezenia R = 550. [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	0	0	550.8v	.000v	79.	26.
2	25	0	0	551.0	.000v	102.	37.
3	50	0	0	551.3	.000v	180.	72.
4	75	0	0	551.6	.000v	172.	93.
5	100	0	0	551.7	.000v	135.	94.
6	125	0	0	551.5	.000v	111.	89.
7	150	0	0	551.4	.000v	95.	75.
8	175	0	0	551.2	.000v	86.	65.
9	200	0	0	551.0	.000v	80.	52.
10	0	25	0	551.2	.000v	90.	36.
11	25	25	0	551.7	.000v	133.	52.
12	50	25	0	552.2	.000v	158.	75.
13	75	25	0	553.1	.000v	193.	104.
14	100	25	0	553.1	.000v	155.	105.
15	125	25	0	552.5	.000v	118.	98.
16	150	25	0	552.0	.000v	103.	93.
17	175	25	0	551.7	.000v	92.	73.
18	200	25	0	551.4	.000v	85.	62.
19	0	50	0	551.7	.000v	87.	43.
20	25	50	0	552.9	.000v	130.	70.
21	50	50	0	554.0	.000v	161.	77.
22	75	50	0	554.8	.000v	154.	87.
23	100	50	0	555.3	.000v	195.	111.
24	125	50	0	554.1	.000v	139.	107.
25	150	50	0	553.0	.000v	108.	99.
26	175	50	0	552.3	.000v	101.	90.
27	200	50	0	551.8	.000v	96.	70.
28	0	75	0	552.0	.000v	73.	45.
29	25	75	0	553.4	.000v	92.	69.
30	50	75	0	555.4	.000v	122.	81.
31	75	75	0	556.1	.000v	128.	84.
32	100	75	0	556.4	.000v	165.	114.
33	125	75	0	556.0	.000v	160.	111.
34	150	75	0	554.4	.000v	134.	104.
35	175	75	0	553.1	.000v	118.	95.
36	200	75	0	552.2	.000v	110.	74.
37	0	100	0	551.9	.000v	60.	41.
38	25	100	0	553.0	.000v	72.	55.
39	50	100	0	554.6	.000v	89.	79.
40	75	100	0	556.4	.000v	118.	90.
41	100	100	0	556.6^	.000v	173.	88.
42	125	100	0	556.3	.000v	206.	112.
43	150	100	0	555.8	.000v	190.	109.
44	175	100	0	554.1	.000v	153.	94.
45	200	100	0	552.7	.000v	128.	70.
46	0	125	0	551.8	.000v	50.	35.
47	25	125	0	552.5	.000v	58.	43.
48	50	125	0	553.6	.000v	71.	64.
49	75	125	0	555.1	.000v	87.	81.
50	100	125	0	556.6	.000v	166.	93.
51	125	125	0	556.2	.000v	225.	108.
52	150	125	0	555.7	.000v	252.	106.
53	175	125	0	554.8	.000v	213.	111.
54	200	125	0	553.0	.000v	165.	86.
55	0	150	0	551.5	.000v	44.	29.
56	25	150	0	552.0	.000v	51.	36.
57	50	150	0	552.7	.000v	58.	48.
58	75	150	0	553.7	.000v	72.	66.
59	100	150	0	554.9	.000v	137.	82.
60	125	150	0	556.0	.000v	213.	101.
61	150	150	0	555.1	.000v	285.^	128.^
62	175	150	0	554.0	.000v	277.	103.
63	200	150	0	552.6	.000v	218.	81.
64	0	175	0	551.3	.000v	39.	25.
65	25	175	0	551.7	.000v	44.	30.
66	50	175	0	552.1	.000v	51.	37.
67	75	175	0	552.6	.000v	60.	49.
68	100	175	0	553.2	.000v	99.	62.
69	125	175	0	553.8	.000v	170.	80.
70	150	175	0	553.5	.000v	246.	97.
71	175	175	0	552.5	.000v	271.	85.
72	200	175	0	551.8	.000v	232.	66.
73	0	200	0	551.1	.000v	35.v	21.v

74	25	200	0	551.3	.000v	39.	25.
75	50	200	0	551.6	.000v	45.	30.
76	75	200	0	551.9	.000v	51.	35.
77	100	200	0	552.1	.000v	73.	42.
78	125	200	0	552.2	.000v	134.	52.
79	150	200	0	552.0	.000v	188.	58.
80	175	200	0	551.6	.000v	215.	55.
81	200	200	0	551.2	.000v	209.	49.
	wartosci srednie			553.1	.000	129.	72.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]

tlo stezenia R = 2.200 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	0	0	2.2005v	.000v	.050	.016
2	25	0	0	2.2006	.000v	.065	.023
3	50	0	0	2.2008	.000v	.115	.046
4	75	0	0	2.2010	.000v	.110	.059
5	100	0	0	2.2011	.000v	.086	.060
6	125	0	0	2.2010	.000v	.071	.057
7	150	0	0	2.2009	.000v	.061	.048
8	175	0	0	2.2008	.000v	.055	.041
9	200	0	0	2.2007	.000v	.051	.033
10	0	25	0	2.2007	.000v	.058	.023
11	25	25	0	2.2011	.000v	.085	.033
12	50	25	0	2.2014	.000v	.101	.048
13	75	25	0	2.2020	.000v	.123	.066
14	100	25	0	2.2020	.000v	.099	.067
15	125	25	0	2.2016	.000v	.076	.062
16	150	25	0	2.2013	.000v	.066	.059
17	175	25	0	2.2011	.000v	.059	.046
18	200	25	0	2.2009	.000v	.054	.040
19	0	50	0	2.2011	.000v	.055	.027
20	25	50	0	2.2018	.000v	.083	.045
21	50	50	0	2.2025	.000v	.103	.049
22	75	50	0	2.2031	.000v	.098	.055
23	100	50	0	2.2034	.000v	.124	.071
24	125	50	0	2.2026	.000v	.089	.068
25	150	50	0	2.2019	.000v	.069	.063
26	175	50	0	2.2015	.000v	.064	.057
27	200	50	0	2.2011	.000v	.062	.045
28	0	75	0	2.2013	.000v	.046	.029
29	25	75	0	2.2021	.000v	.059	.044
30	50	75	0	2.2034	.000v	.078	.052
31	75	75	0	2.2039	.000v	.082	.054
32	100	75	0	2.2041	.000v	.106	.073
33	125	75	0	2.2038	.000v	.102	.071
34	150	75	0	2.2028	.000v	.086	.066
35	175	75	0	2.2020	.000v	.075	.061
36	200	75	0	2.2014	.000v	.070	.048
37	0	100	0	2.2012	.000v	.038	.026
38	25	100	0	2.2019	.000v	.046	.035
39	50	100	0	2.2029	.000v	.057	.050
40	75	100	0	2.2041	.000v	.075	.058
41	100	100	0	2.2042^	.000v	.110	.056
42	125	100	0	2.2040	.000v	.132	.071
43	150	100	0	2.2037	.000v	.121	.069
44	175	100	0	2.2026	.000v	.098	.060
45	200	100	0	2.2017	.000v	.082	.045
46	0	125	0	2.2011	.000v	.032	.022
47	25	125	0	2.2016	.000v	.037	.028
48	50	125	0	2.2023	.000v	.045	.041
49	75	125	0	2.2033	.000v	.055	.052
50	100	125	0	2.2042	.000v	.106	.059
51	125	125	0	2.2040	.000v	.144	.069
52	150	125	0	2.2036	.000v	.161	.068
53	175	125	0	2.2031	.000v	.136	.071
54	200	125	0	2.2019	.000v	.106	.055
55	0	150	0	2.2010	.000v	.028	.019
56	25	150	0	2.2013	.000v	.032	.023
57	50	150	0	2.2017	.000v	.037	.031
58	75	150	0	2.2023	.000v	.046	.042

59	100	150	0	2.2031	.000v	.088	.052
60	125	150	0	2.2038	.000v	.136	.065
61	150	150	0	2.2033	.000v	.182^	.081^
62	175	150	0	2.2026	.000v	.176	.066
63	200	150	0	2.2017	.000v	.139	.051
64	0	175	0	2.2008	.000v	.025	.016
65	25	175	0	2.2011	.000v	.028	.019
66	50	175	0	2.2013	.000v	.032	.024
67	75	175	0	2.2017	.000v	.039	.031
68	100	175	0	2.2021	.000v	.063	.039
69	125	175	0	2.2024	.000v	.108	.051
70	150	175	0	2.2022	.000v	.157	.062
71	175	175	0	2.2016	.000v	.173	.054
72	200	175	0	2.2011	.000v	.148	.042
73	0	200	0	2.2007	.000v	.022v	.014v
74	25	200	0	2.2009	.000v	.025	.016
75	50	200	0	2.2010	.000v	.028	.019
76	75	200	0	2.2012	.000v	.033	.023
77	100	200	0	2.2013	.000v	.046	.027
78	125	200	0	2.2014	.000v	.086	.033
79	150	200	0	2.2013	.000v	.120	.037
80	175	200	0	2.2010	.000v	.137	.035
81	200	200	0	2.2008	.000v	.134	.031
wartosci srednie				2.2020	.000	.082	.046

Wyniki obliczen w wezlach swobodnych

ZANIECZYSZCZENIE NR 1 - Ditlenek azotu NO2

dopuszczalne D1 = 200.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 28.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	98	115	0	34.975	.000v	172.96	104.59
2	98	115	1	35.057	.000v	173.36	104.64
3	98	115	2	35.290	.000v	174.45	104.95
4	98	115	3	35.635	.000v	175.78	107.94
5	98	115	4	36.022	.000v	176.77^	112.05
6	98	115	5	36.363	.000v	176.70	115.15
7	98	115	6	36.556^	.000v	174.94	115.83^
8	98	115	7	36.517	.000v	170.97	114.25
9	98	115	8	36.209	.000v	164.54	110.09
10	98	115	9	35.656	.000v	155.68	103.87
11	98	115	10	34.929v	.000v	144.67v	95.65v
wartosci srednie				35.746	.000	169.16	108.09

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]
tlo stezenia R = 14.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	98	115	0	14.088	.000v	2.19	1.23
2	98	115	1	14.089	.000v	2.19	1.23
3	98	115	2	14.092	.000v	2.20	1.25
4	98	115	3	14.096	.000v	2.22	1.31
5	98	115	4	14.101	.000v	2.23^	1.37
6	98	115	5	14.106	.000v	2.23	1.41
7	98	115	6	14.108^	.000v	2.21	1.43^
8	98	115	7	14.108	.000v	2.16	1.41
9	98	115	8	14.104	.000v	2.08	1.36
10	98	115	9	14.097	.000v	1.97	1.27
11	98	115	10	14.088v	.000v	1.83v	1.17v
wartosci srednie				14.098	.000	2.14	1.31

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 38.00 [ug/m3]

numer	wspolrzedne wezla			stezenie	czestosc	stezenia 1-godz.

wezla	x	y	z	srednie+R	przekr.	Smax	S99.8
-	[m]	[m]	[m]	[ug/m3]	[%]	[ug/m3]	[ug/m3]
1	98	115	0	39.005v	.000v	24.92v	15.07v
2	98	115	1	39.192	.000v	28.55	17.27
3	98	115	2	39.398	.000v	32.14	19.61
4	98	115	3	39.614	.000v	35.50	22.08
5	98	115	4	39.824	.000v	38.42	24.44
6	98	115	5	40.003 *	.000v	40.69	26.79
7	98	115	6	40.125 *	.000v	42.13	28.60
8	98	115	7	40.169^*	.000v	42.62^	29.46^
9	98	115	8	40.125 *	.000v	42.13	28.60
10	98	115	9	40.003 *	.000v	40.69	26.79
11	98	115	10	39.824	.000v	38.42	24.44
wartosci srednie				39.753	.000	36.93	23.92

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]
tlo stezenia R = 550. [ug/m3]

numer wezla	wspolrzedne wezla x	y	z	stezenie srednie+R	czestosc przekr.	stezenia 1-godz. Smax	S99.8
-	[m]	[m]	[m]	[ug/m3]	[%]	[ug/m3]	[ug/m3]
1	98	115	0	556.9v	.000v	172.v	104.v
2	98	115	1	558.2	.000v	197.	119.
3	98	115	2	559.7	.000v	222.	135.
4	98	115	3	561.1	.000v	245.	152.
5	98	115	4	562.6	.000v	265.	169.
6	98	115	5	563.8	.000v	281.	185.
7	98	115	6	564.7	.000v	291.	197.
8	98	115	7	565.0^	.000v	294.^	203.^
9	98	115	8	564.7	.000v	291.	197.
10	98	115	9	563.8	.000v	281.	185.
11	98	115	10	562.6	.000v	265.	169.
wartosci srednie				562.1	.000	255.	165.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.200 [ug/m3]

numer wezla	wspolrzedne wezla x	y	z	stezenie srednie+R	czestosc przekr.	stezenia 1-godz. Smax	S99.8
-	[m]	[m]	[m]	[ug/m3]	[%]	[ug/m3]	[ug/m3]
1	98	115	0	2.2044	.000v	.110	.066
2	98	115	1	2.2045	.000v	.110	.066
3	98	115	2	2.2046	.000v	.111	.067
4	98	115	3	2.2048	.000v	.112	.069
5	98	115	4	2.2051	.000v	.112^	.071
6	98	115	5	2.2053	.000v	.112	.073
7	98	115	6	2.2054^	.000v	.111	.074^
8	98	115	7	2.2054	.000v	.109	.073
9	98	115	8	2.2052	.000v	.104	.070
10	98	115	9	2.2049	.000v	.099	.066
11	98	115	10	2.2044v	.000v	.092v	.061v
wartosci srednie				2.2049	.000	.107	.069

* - przekroczenie wartosci dopuszczalnej
^ - wartosc maksymalna
v - wartosc minimalna

```
 Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
  wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

     @@@@@@@@@@   WERSJA 6.01   @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
            @@                          @@
          @@  @@@@   @   @@   @@@@   @@  **EKO-KOM**  tel. 602 48 99 66
         @@  @@  @@  @@  @@  @@  @@  @@              fax. 22 842 06 54
        @@   @@  @@  @@@ @@  @@  @@  @@  Andrzej Biernacki 22 784 42 19
       @@    @@  @@  @@@@@@  @@  @@  @@  Marcin Jozwiak    22 847 73 00
      @@     @@@@@@  @@ @@@  @@@@@@  @@  Jan Szymczyk      22 651 88 26
     @@      @@  @@  @@  @@  @@  @@  @@
     @@@@@@@@@@  @@  @@   @  @@  @@  @@  jan.szymczyk@sadyba.elartnet.pl


                R a p o r t  /  d i a g n o s t y k a
              w p r o w a d z o n y c h    d a n y c h


 nazwa uzytkownika :  Autorski
 numer licencji    : MJ/00/03

 data obliczen : 2008-02-03
================================================================================
 IDENTYFIKATOR :
  ZAC

================================================================================
 TYTUL :
Metro Warszawskie. 2 linia. Targowek. Etap realizacji (budowa).
Prognoza. Wariant I. Tunele metoda tarczowa i stacje metoda odkrywkowa
Stacja "ZACISZE"
================================================================================
 SIATKA OBLICZENIOWA :
  - rzedna punktow   z [m] =        .0
  - wsp. poczatku   x0 [m] =        .0
                    y0 [m] =        .0
  - krok siatki     dx [m] =      25.0
                    dy [m] =      25.0
  - liczba wezlow   lx =     6
                    ly =    10

================================================================================
 DANE PODSTAWOWE :
  - dokladnosc obliczen               EPS =  .050000
  - liczba zanieczyszczen            LZAN =   5
  - liczba zanieczyszczen pylowych   LZAP =   0
  - liczba sezonow                   LSEZ =   2
  - liczba podokresow emisji          LOE =   3
  - maksymalny numer emitora         MNEM =   1
  - liczba emitorow punktowych       LKOM =   0
  - liczba emitorow powierzchniowych LPOW =   1
  - liczba emitorow liniowych        LLIN =   0

================================================================================
 DANE METEOROLOGICZNE W SEZONACH :
sezon|  nazwa    |wgledny udzial|temperatura| wysokosc |   nazwa
 nr  |  sezonu   |   w roku     | otoczenia |anemometru| zbioru rozy
--------------------------------------------------------------------------------
  1  | dzi       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.dzi
  2  | noc       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.noc

================================================================================
DANE ZANIECZYSZCZEN :
  numer | typ | czestosc |  nazwa zanieczyszczenia
 ------------------------------------------
    1   | gaz |     .20  | Ditlenek azotu NO2
    2   | gaz |     .27  | Ditlenek siarki SO2
    3   | pyl |     .20  | Pyl zawiezony PM10
    4   | pyl |     .20  | Tlenek wegla CO
    5   | gaz |     .20  | Benzen

================================================================================
 DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :
  ------------------------------------------------------------------------
 zanieczyszczenie nr 1  [ug/m3] - Ditlenek azotu NO2
  d1 =   200.00| da =   40.000| tlo =   28.000
  ------------------------------------------------------------------------
```

```
 zanieczyszczenie nr 2  [ug/m3] - Ditlenek siarki SO2
  d1 =   350.00| da =   30.000| tlo =   14.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 3  [ug/m3] - Pyl zawiezony PM10
  d1 =   280.00| da =   40.000| tlo =   38.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 4  [ug/m3] - Tlenek wegla CO
  d1 =   30000.| da =   5000.0| tlo =   550.00
  ------------------------------------------------------------------------
 zanieczyszczenie nr 5  [ug/m3] - Benzen
  d1 =   30.000| da =   5.0000| tlo =   2.2000

================================================================================
DANE PODOKRESOW EMISJI :
     numer    |    numer   | udzial podokresu
   podokresu  |    sezonu  |     w sezonie
  ------------------------------------------------------
        1     |      1     |      1.0000
        2     |      2     |       .3333
        3     |      2     |       .6667

================================================================================
 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  2.000

================================================================================
  DANE EMITOROW :
================================================================================
 EMITOR NR   1 - POWIERZCHNIOWY "Wykop stacja "ZACISZE"                "
 ------------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba     |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
     7.0    |        2       |      4       |  20.0
 ------------------------------------------------------------------------------
              wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|      72.0      40.0 |      38.0     196.0 |      62.0     202.0 |
|      96.0      45.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 ------------------------------------------------------------------------------
 NUMER OKRESU  1 | sezon  1 i 2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        1   2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|   .61590| .0077810|   .17748|   1.2253|.00039100
 ------------------------------------------------------------------------------
 NUMER OKRESU  2 | sezon  2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        3
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|       .0|       .0|       .0|       .0|       .0
 ================================================================================
                      SUMA EMISJI W PODOKRESACH [kg/h]

  numery                 numery zanieczyszczen
podokresow  |      1  |      2  |      3  |      4  |      5  |
    1       |   .61590| .0077810|   .17748|   1.2253|.00039100
    2       |   .61590| .0077810|   .17748|   1.2253|.00039100
    3       |       .0|       .0|       .0|       .0|       .0
```

Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

@@@@@@@@@@ WERSJA 6.01 @@@@@@@@@@@

42	125	150	0	31.453	.000v	117.51	74.94
43	0	175	0	31.010	.000v	78.82	59.98
44	25	175	0	32.936	.000v	114.51	92.28
45	50	175	0	34.702	.000v	161.00	119.69
46	75	175	0	35.015	.000v	154.43	99.12
47	100	175	0	32.551	.000v	156.81	90.69
48	125	175	0	30.842	.000v	119.36	65.96
49	0	200	0	30.794	.000v	86.01	60.24
50	25	200	0	32.400	.000v	132.09	98.65
51	50	200	0	33.336	.000v	179.10	126.19
52	75	200	0	32.701	.000v	181.57	99.69
53	100	200	0	31.155	.000v	152.49	77.11
54	125	200	0	30.121	.000v	121.69	59.12
55	0	225	0	30.171	.000v	82.30	49.88
56	25	225	0	30.912	.000v	114.55	71.82
57	50	225	0	31.283	.000v	138.53	90.01
58	75	225	0	30.704	.000v	189.59	77.17
59	100	225	0	30.012	.000v	152.86	59.05
60	125	225	0	29.515	.000v	122.57	47.86
wartosci srednie				31.581	.012	152.50	87.81

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]

tlo stezenia R = 14.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	0	0	0	14.007v	.000v	1.02	.28v
2	25	0	0	14.009	.000v	1.65	.44
3	50	0	0	14.011	.000v	2.30	.77
4	75	0	0	14.014	.000v	3.05	1.16
5	100	0	0	14.015	.000v	3.09	1.11
6	125	0	0	14.015	.000v	2.54	.95
7	0	25	0	14.010	.000v	.88	.31
8	25	25	0	14.014	.000v	1.66	.50
9	50	25	0	14.018	.000v	2.30	.91
10	75	25	0	14.025	.000v	3.90^	1.71
11	100	25	0	14.030	.000v	3.41	1.55
12	125	25	0	14.026	.000v	2.50	1.15
13	0	50	0	14.015	.000v	.76v	.36
14	25	50	0	14.022	.000v	1.60	.60
15	50	50	0	14.035	.000v	2.41	1.07
16	75	50	0	14.042	.000v	3.80	1.82^
17	100	50	0	14.060	.000v	3.07	1.53
18	125	50	0	14.043	.000v	2.19	1.20
19	0	75	0	14.021	.000v	.79	.41
20	25	75	0	14.033	.000v	1.49	.73
21	50	75	0	14.057	.000v	2.63	1.15
22	75	75	0	14.076	.000v	3.16	1.65
23	100	75	0	14.078	.000v	2.60	1.40
24	125	75	0	14.051	.000v	1.89	1.08
25	0	100	0	14.027	.000v	.82	.53
26	25	100	0	14.045	.000v	1.19	.87
27	50	100	0	14.071	.000v	2.62	1.26
28	75	100	0	14.088	.000v	2.53	1.66
29	100	100	0	14.083	.000v	2.26	1.36
30	125	100	0	14.051	.000v	1.66	1.01
31	0	125	0	14.033	.000v	.86	.63
32	25	125	0	14.054	.000v	1.17	.95
33	50	125	0	14.079	.000v	2.27	1.30
34	75	125	0	14.095	.000v	2.12	1.37
35	100	125	0	14.080	.000v	1.87	1.29
36	125	125	0	14.049	.000v	1.51	.94
37	0	150	0	14.036	.000v	.91	.68
38	25	150	0	14.060	.000v	1.28	1.03
39	50	150	0	14.085	.000v	1.86	1.32
40	75	150	0	14.099^	.000v	1.68	1.29
41	100	150	0	14.071	.000v	1.98	1.18
42	125	150	0	14.044	.000v	1.48	.87
43	0	175	0	14.038	.000v	1.00	.73
44	25	175	0	14.062	.000v	1.45	1.12
45	50	175	0	14.085	.000v	2.03	1.44
46	75	175	0	14.089	.000v	1.95	1.23
47	100	175	0	14.057	.000v	1.98	1.06

48	125	175	0	14.036	.000v	1.51	.80
49	0	200	0	14.035	.000v	1.09	.70
50	25	200	0	14.056	.000v	1.67	1.15
51	50	200	0	14.067	.000v	2.26	1.47
52	75	200	0	14.059	.000v	2.29	1.21
53	100	200	0	14.040	.000v	1.93	.87
54	125	200	0	14.027	.000v	1.54	.65
55	0	225	0	14.027	.000v	1.04	.57
56	25	225	0	14.037	.000v	1.45	.82
57	50	225	0	14.041	.000v	1.75	1.06
58	75	225	0	14.034	.000v	2.40	.93
59	100	225	0	14.025	.000v	1.93	.67
60	125	225	0	14.019	.000v	1.55	.50
wartosci srednie				14.045	.000	1.93	1.01

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]

tlo stezenia R = 38.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	0	0	38.084v	.000v	11.65	3.58v
2	25	0	0	38.102	.000v	18.85	6.03
3	50	0	0	38.126	.000v	26.26	10.98
4	75	0	0	38.156	.000v	34.84	14.43
5	100	0	0	38.174	.000v	35.24	14.15
6	125	0	0	38.172	.000v	29.02	12.66
7	0	25	0	38.119	.000v	10.08	3.91
8	25	25	0	38.156	.000v	18.90	6.85
9	50	25	0	38.210	.000v	26.18	12.56
10	75	25	0	38.282	.000v	44.44^	21.91
11	100	25	0	38.337	.000v	38.89	19.24
12	125	25	0	38.296	.000v	28.53	14.14
13	0	50	0	38.172	.000v	8.67v	4.35
14	25	50	0	38.251	.000v	18.28	7.82
15	50	50	0	38.403	.000v	27.45	13.21
16	75	50	0	38.475	.000v	43.39	23.49^
17	100	50	0	38.681	.000v	35.01	19.73
18	125	50	0	38.486	.000v	24.99	14.89
19	0	75	0	38.239	.000v	8.97	5.49
20	25	75	0	38.380	.000v	17.01	9.04
21	50	75	0	38.653	.000v	29.97	14.46
22	75	75	0	38.863	.000v	36.05	22.13
23	100	75	0	38.894	.000v	29.67	18.15
24	125	75	0	38.577	.000v	21.58	14.97
25	0	100	0	38.310	.000v	9.40	6.89
26	25	100	0	38.514	.000v	13.60	10.13
27	50	100	0	38.813	.000v	29.91	15.07
28	75	100	0	39.008	.000v	28.83	19.85
29	100	100	0	38.946	.000v	25.82	16.71
30	125	100	0	38.585	.000v	18.95	13.99
31	0	125	0	38.372	.000v	9.79	7.58
32	25	125	0	38.620	.000v	13.37	11.54
33	50	125	0	38.904	.000v	25.90	16.61
34	75	125	0	39.084	.000v	24.21	18.28
35	100	125	0	38.908	.000v	21.34	15.50
36	125	125	0	38.559	.000v	17.18	13.58
37	0	150	0	38.414	.000v	10.34	8.01
38	25	150	0	38.689	.000v	14.55	11.92
39	50	150	0	38.974	.000v	21.20	15.87
40	75	150	0	39.126^	.000v	19.22	16.32
41	100	150	0	38.814	.000v	22.60	14.17
42	125	150	0	38.497	.000v	16.93	10.80
43	0	175	0	38.434	.000v	11.36	8.64
44	25	175	0	38.711	.000v	16.50	13.30
45	50	175	0	38.966	.000v	23.20	17.25
46	75	175	0	39.011	.000v	22.25	14.28
47	100	175	0	38.656	.000v	22.59	13.07
48	125	175	0	38.410	.000v	17.20	9.50
49	0	200	0	38.403	.000v	12.39	8.68
50	25	200	0	38.634	.000v	19.03	14.21
51	50	200	0	38.769	.000v	25.80	18.18
52	75	200	0	38.677	.000v	26.16	14.36
53	100	200	0	38.455	.000v	21.97	11.11

54	125	200	0	38.306	.000v	17.53	8.52
55	0	225	0	38.313	.000v	11.86	7.19
56	25	225	0	38.420	.000v	16.50	10.35
57	50	225	0	38.473	.000v	19.96	12.97
58	75	225	0	38.390	.000v	27.32	11.12
59	100	225	0	38.290	.000v	22.02	8.51
60	125	225	0	38.218	.000v	17.66	6.90
wartosci srednie				38.516	.000	21.97	12.65

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]

tlo stezenia R = 550. [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	0	0	550.6v	.000v	80.	25.v
2	25	0	0	550.7	.000v	130.	42.
3	50	0	0	550.9	.000v	181.	76.
4	75	0	0	551.1	.000v	241.	100.
5	100	0	0	551.2	.000v	243.	98.
6	125	0	0	551.2	.000v	200.	87.
7	0	25	0	550.8	.000v	70.	27.
8	25	25	0	551.1	.000v	130.	47.
9	50	25	0	551.4	.000v	181.	87.
10	75	25	0	551.9	.000v	307.^	151.
11	100	25	0	552.3	.000v	268.	133.
12	125	25	0	552.0	.000v	197.	98.
13	0	50	0	551.2	.000v	60.v	30.
14	25	50	0	551.7	.000v	126.	54.
15	50	50	0	552.8	.000v	190.	91.
16	75	50	0	553.3	.000v	300.	162.^
17	100	50	0	554.7	.000v	242.	136.
18	125	50	0	553.4	.000v	173.	103.
19	0	75	0	551.6	.000v	62.	38.
20	25	75	0	552.6	.000v	117.	62.
21	50	75	0	554.5	.000v	207.	100.
22	75	75	0	556.0	.000v	249.	153.
23	100	75	0	556.2	.000v	205.	125.
24	125	75	0	554.0	.000v	149.	103.
25	0	100	0	552.1	.000v	65.	48.
26	25	100	0	553.5	.000v	94.	70.
27	50	100	0	555.6	.000v	206.	104.
28	75	100	0	557.0	.000v	199.	137.
29	100	100	0	556.5	.000v	178.	115.
30	125	100	0	554.0	.000v	131.	97.
31	0	125	0	552.6	.000v	68.	52.
32	25	125	0	554.3	.000v	92.	80.
33	50	125	0	556.2	.000v	179.	115.
34	75	125	0	557.5	.000v	167.	126.
35	100	125	0	556.3	.000v	147.	107.
36	125	125	0	553.9	.000v	119.	94.
37	0	150	0	552.9	.000v	71.	55.
38	25	150	0	554.8	.000v	100.	82.
39	50	150	0	556.7	.000v	146.	110.
40	75	150	0	557.8^	.000v	133.	113.
41	100	150	0	555.6	.000v	156.	98.
42	125	150	0	553.4	.000v	117.	75.
43	0	175	0	553.0	.000v	78.	60.
44	25	175	0	554.9	.000v	114.	92.
45	50	175	0	556.7	.000v	160.	119.
46	75	175	0	557.0	.000v	154.	99.
47	100	175	0	554.5	.000v	156.	90.
48	125	175	0	552.8	.000v	119.	66.
49	0	200	0	552.8	.000v	86.	60.
50	25	200	0	554.4	.000v	131.	98.
51	50	200	0	555.3	.000v	178.	126.
52	75	200	0	554.7	.000v	181.	99.
53	100	200	0	553.1	.000v	152.	77.
54	125	200	0	552.1	.000v	121.	59.
55	0	225	0	552.2	.000v	82.	50.
56	25	225	0	552.9	.000v	114.	71.
57	50	225	0	553.3	.000v	138.	90.
58	75	225	0	552.7	.000v	189.	77.
59	100	225	0	552.0	.000v	152.	59.

60	125	225	0	551.5	.000v	122.	48.
wartosci srednie				553.6	.000	152.	87.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.200 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	0	0	2.2004v	.000v	.051	.016v
2	25	0	0	2.2005	.000v	.083	.027
3	50	0	0	2.2006	.000v	.116	.048
4	75	0	0	2.2007	.000v	.154	.064
5	100	0	0	2.2008	.000v	.155	.062
6	125	0	0	2.2008	.000v	.128	.056
7	0	25	0	2.2005	.000v	.044	.017
8	25	25	0	2.2007	.000v	.083	.030
9	50	25	0	2.2009	.000v	.115	.055
10	75	25	0	2.2012	.000v	.196^	.097
11	100	25	0	2.2015	.000v	.171	.085
12	125	25	0	2.2013	.000v	.126	.062
13	0	50	0	2.2008	.000v	.038v	.019
14	25	50	0	2.2011	.000v	.081	.034
15	50	50	0	2.2018	.000v	.121	.058
16	75	50	0	2.2021	.000v	.191	.104^
17	100	50	0	2.2030	.000v	.154	.087
18	125	50	0	2.2021	.000v	.110	.066
19	0	75	0	2.2011	.000v	.040	.024
20	25	75	0	2.2017	.000v	.075	.040
21	50	75	0	2.2029	.000v	.132	.064
22	75	75	0	2.2038	.000v	.159	.098
23	100	75	0	2.2039	.000v	.131	.080
24	125	75	0	2.2025	.000v	.095	.066
25	0	100	0	2.2014	.000v	.041	.030
26	25	100	0	2.2023	.000v	.060	.045
27	50	100	0	2.2036	.000v	.132	.066
28	75	100	0	2.2044	.000v	.127	.087
29	100	100	0	2.2042	.000v	.114	.074
30	125	100	0	2.2026	.000v	.083	.062
31	0	125	0	2.2016	.000v	.043	.033
32	25	125	0	2.2027	.000v	.059	.051
33	50	125	0	2.2040	.000v	.114	.073
34	75	125	0	2.2048	.000v	.107	.081
35	100	125	0	2.2040	.000v	.094	.068
36	125	125	0	2.2025	.000v	.076	.060
37	0	150	0	2.2018	.000v	.046	.035
38	25	150	0	2.2030	.000v	.064	.053
39	50	150	0	2.2043	.000v	.093	.070
40	75	150	0	2.2050^	.000v	.085	.072
41	100	150	0	2.2036	.000v	.100	.062
42	125	150	0	2.2022	.000v	.075	.048
43	0	175	0	2.2019	.000v	.050	.038
44	25	175	0	2.2031	.000v	.073	.059
45	50	175	0	2.2043	.000v	.102	.076
46	75	175	0	2.2045	.000v	.098	.063
47	100	175	0	2.2029	.000v	.100	.058
48	125	175	0	2.2018	.000v	.076	.042
49	0	200	0	2.2018	.000v	.055	.038
50	25	200	0	2.2028	.000v	.084	.063
51	50	200	0	2.2034	.000v	.114	.080
52	75	200	0	2.2030	.000v	.115	.063
53	100	200	0	2.2020	.000v	.097	.049
54	125	200	0	2.2013	.000v	.077	.038
55	0	225	0	2.2014	.000v	.052	.032
56	25	225	0	2.2018	.000v	.073	.046
57	50	225	0	2.2021	.000v	.088	.057
58	75	225	0	2.2017	.000v	.120	.049
59	100	225	0	2.2013	.000v	.097	.037
60	125	225	0	2.2010	.000v	.078	.030
wartosci srednie				2.2023	.000	.097	.056

Wyniki obliczen w wezlach swobodnych

ZANIECZYSZCZENIE NR 1 - Ditlenek azotu NO2

dopuszczalne D1 = 200.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 28.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	83	119	0	35.167	.000v	187.14v	128.39v
2	83	119	1	35.298	.000v	191.21	130.45
3	83	119	2	35.670	.022	202.72	138.68
4	83	119	3	36.227	.063	219.59	147.54
5	83	119	4	36.868	.094	238.47	159.92
6	83	119	5	37.452^	.123^	255.18^	170.88^
7	67	52	0	31.454v	.091	229.82	138.99
8	67	52	1	31.559	.091	230.46	139.02
9	67	52	2	31.858	.091	232.17	139.06
10	67	52	3	32.305	.094	234.94	139.80
11	67	52	4	32.820	.091	238.07	141.02
12	67	52	5	33.299	.093	240.92	141.97
	wartosci srednie			34.165	.071	225.06	142.98

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]
tlo stezenia R = 14.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	83	119	0	14.091	.000v	2.36v	1.53
2	83	119	1	14.092	.000v	2.42	1.56
3	83	119	2	14.097	.000v	2.56	1.63
4	83	119	3	14.104	.000v	2.77	1.76
5	83	119	4	14.112	.000v	3.01	1.87
6	83	119	5	14.119^	.000v	3.22^	2.00^
7	67	52	0	14.044v	.000v	2.90	1.46
8	67	52	1	14.045	.000v	2.91	1.46v
9	67	52	2	14.049	.000v	2.93	1.46
10	67	52	3	14.054	.000v	2.97	1.48
11	67	52	4	14.061	.000v	3.01	1.50
12	67	52	5	14.067	.000v	3.04	1.53
	wartosci srednie			14.078	.000	2.84	1.60

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 38.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	83	119	0	39.033	.000v	26.96v	18.50v
2	83	119	1	39.246	.000v	33.37	22.58
3	83	119	2	39.497	.000v	40.87	27.20
4	83	119	3	39.773	.000v	49.65	32.66
5	83	119	4	40.053 *	.000v	58.39	38.03
6	83	119	5	40.301^*	.000v	65.99^	42.58^
7	67	52	0	38.498v	.000v	33.11	20.03
8	67	52	1	38.632	.000v	37.48	22.36
9	67	52	2	38.796	.000v	42.48	24.50
10	67	52	3	38.983	.000v	48.18	26.43
11	67	52	4	39.174	.000v	53.82	29.57
12	67	52	5	39.344	.000v	58.58	32.62
	wartosci srednie			39.277	.000	45.74	28.09

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]
tlo stezenia R = 550. [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]

1	83	119	0	557.1	.000v	186.v	128.v
2	83	119	1	558.6	.000v	230.	156.
3	83	119	2	560.3	.000v	282.	188.
4	83	119	3	562.2	.000v	343.	225.
5	83	119	4	564.2	.000v	403.	263.
6	83	119	5	565.9^	.000v	456.^	294.^
7	67	52	0	553.4v	.000v	229.	138.
8	67	52	1	554.4	.000v	259.	154.
9	67	52	2	555.5	.000v	293.	169.
10	67	52	3	556.8	.000v	333.	182.
11	67	52	4	558.1	.000v	372.	204.
12	67	52	5	559.3	.000v	404.	225.
	wartosci srednie			558.8	.000	316.	194.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]

tlo stezenia R = 2.200 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	83	119	0	2.2046	.000v	.119v	.082v
2	83	119	1	2.2046	.000v	.121	.083
3	83	119	2	2.2049	.000v	.129	.088
4	83	119	3	2.2052	.000v	.139	.094
5	83	119	4	2.2056	.000v	.151	.102
6	83	119	5	2.2060^	.000v	.162^	.108^
7	67	52	0	2.2022v	.000v	.146	.088
8	67	52	1	2.2023	.000v	.146	.088
9	67	52	2	2.2025	.000v	.147	.088
10	67	52	3	2.2027	.000v	.149	.089
11	67	52	4	2.2031	.000v	.151	.090
12	67	52	5	2.2034	.000v	.153	.090
	wartosci srednie			2.2039	.000	.143	.091

* - przekroczenie wartosci dopuszczalnej

^ - wartosc maksymalna

v - wartosc minimalna

```
 Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
  wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

     @@@@@@@@@@   WERSJA 6.01   @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
            @@                              @@
          @@  @@@@   @   @@   @@@@   @@  **EKO-KOM**  tel. 602 48 99 66
        @@  @@  @@  @@  @@  @@  @@  @@              fax. 22 842 06 54
       @@   @@  @@  @@@ @@  @@  @@  @@  Andrzej Biernacki 22 784 42 19
      @@    @@  @@  @@@@@@  @@  @@  @@  Marcin Jozwiak    22 847 73 00
     @@     @@@@@@  @@ @@@  @@@@@@  @@  Jan Szymczyk      22 651 88 26
    @@      @@  @@  @@  @@  @@  @@  @@
    @@@@@@@@@@  @@  @@   @  @@  @@  @@  jan.szymczyk@sadyba.elartnet.pl


                R a p o r t  /  d i a g n o s t y k a
              w p r o w a d z o n y c h    d a n y c h


 nazwa uzytkownika :  Autorski
 numer licencji    : MJ/00/03

 data obliczen : 2008-02-03
================================================================================
 IDENTYFIKATOR :
  KON

================================================================================
 TYTUL :
Metro Warszawskie. 2 linia. Praga PN. Etap realizacji (budowa).
Prognoza. Wariant I. Tunele metoda tarczowa i stacje metoda odkrywkowa
Stacja "KONDRATOWICZA"
================================================================================
 SIATKA OBLICZENIOWA :
  - rzedna punktow   z [m] =        .0
  - wsp. poczatku   x0 [m] =    1700.0
                    y0 [m] =        .0
  - krok siatki     dx [m] =      25.0
                    dy [m] =      25.0
  - liczba wezlow   lx =     9
                    ly =     5

================================================================================
 DANE PODSTAWOWE :
  - dokladnosc obliczen               EPS =  .050000
  - liczba zanieczyszczen            LZAN =   5
  - liczba zanieczyszczen pylowych   LZAP =   0
  - liczba sezonow                   LSEZ =   2
  - liczba podokresow emisji          LOE =   3
  - maksymalny numer emitora         MNEM =   3
  - liczba emitorow punktowych       LKOM =   0
  - liczba emitorow powierzchniowych LPOW =   1
  - liczba emitorow liniowych        LLIN =   0

================================================================================
 DANE METEOROLOGICZNE W SEZONACH :
sezon|  nazwa    |wgledny udzial|temperatura| wysokosc |   nazwa
 nr  |  sezonu   |   w roku     | otoczenia |anemometru| zbioru rozy
--------------------------------------------------------------------------------
  1  | dzi       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.dzi
  2  | noc       |     .333     |  281.0 [K]|  14.0 [m]| warszaw8.noc

================================================================================
DANE ZANIECZYSZCZEN :
  numer | typ | czestosc |  nazwa zanieczyszczenia
 ------------------------------------------
    1   | gaz |     .20  | Ditlenek azotu NO2
    2   | gaz |     .27  | Ditlenek siarki SO2
    3   | pyl |     .20  | Pyl zawiezony PM10
    4   | pyl |     .20  | Tlenek wegla CO
    5   | gaz |     .20  | Benzen

================================================================================
 DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :
  ------------------------------------------------------------------------
 zanieczyszczenie nr 1  [ug/m3] - Ditlenek azotu NO2
  d1 =   200.00| da =   40.000| tlo =   28.000
  ------------------------------------------------------------------------
```

```
 zanieczyszczenie nr 2  [ug/m3] - Ditlenek siarki SO2
  d1 =   350.00| da =   30.000| tlo =   14.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 3  [ug/m3] - Pyl zawiezony PM10
  d1 =   280.00| da =   40.000| tlo =   38.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 4  [ug/m3] - Tlenek wegla CO
  d1 =   30000.| da =   5000.0| tlo =   550.00
  ------------------------------------------------------------------------
 zanieczyszczenie nr 5  [ug/m3] - Benzen
  d1 =   30.000| da =   5.0000| tlo =   2.2000

================================================================================
DANE PODOKRESOW EMISJI :
     numer    |    numer   | udzial podokresu
   podokresu  |    sezonu  |     w sezonie
  ------------------------------------------------------
        1     |      1     |      1.0000
        2     |      2     |       .3333
        3     |      2     |       .6667

================================================================================
 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  2.000

================================================================================
  DANE EMITOROW :
================================================================================
 EMITOR NR   3 - POWIERZCHNIOWY "Wykop pod stacje "Kondratowicza"        "
 ------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba     |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
     7.0    |        2       |      4       |  20.0
 ------------------------------------------------------------------------
              wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|    1722.0      69.0 |    1882.0      58.0 |    1880.0      34.0 |
|    1721.0      45.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 ------------------------------------------------------------------------
 NUMER OKRESU  1 | sezon  1 i 2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        1   2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|   .61590| .0077810|   .17748|   1.2253|.00039100
 ------------------------------------------------------------------------
 NUMER OKRESU  2 | sezon  2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        3
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|       .0|       .0|       .0|       .0|       .0
 ========================================================================
                      SUMA EMISJI W PODOKRESACH [kg/h]

  numery                 numery zanieczyszczen
podokresow  |      1  |      2  |      3  |      4  |      5  |
    1       |   .61590| .0077810|   .17748|   1.2253|.00039100
    2       |   .61590| .0077810|   .17748|   1.2253|.00039100
    3       |       .0|       .0|       .0|       .0|       .0
```

Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

@@@@@@@@@@ WERSJA 6.01 @@@@@@@@@@@

42	1825	100	0	32.356	.000v	132.51	77.13
43	1850	100	0	31.757	.000v	144.27	75.50
44	1875	100	0	30.887	.000v	147.82	74.80
45	1900	100	0	30.062	.000v	154.27	67.57
	wartosci srednie			32.324	.008	151.38	92.32

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]
tlo stezenia R = 14.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	1700	0	0	14.013v	.000v	.97v	.33v
2	1725	0	0	14.018	.000v	1.22	.58
3	1750	0	0	14.023	.000v	1.26	.86
4	1775	0	0	14.029	.000v	1.31	.95
5	1800	0	0	14.033	.000v	1.48	1.13
6	1825	0	0	14.035	.000v	1.69	1.27
7	1850	0	0	14.035	.000v	1.86	1.24
8	1875	0	0	14.033	.000v	2.03	1.12
9	1900	0	0	14.027	.000v	2.19	1.06
10	1700	25	0	14.021	.000v	1.35	.54
11	1725	25	0	14.031	.000v	1.44	.81
12	1750	25	0	14.045	.000v	1.47	1.08
13	1775	25	0	14.057	.000v	1.49	1.19
14	1800	25	0	14.064	.000v	1.87	1.33
15	1825	25	0	14.067	.000v	2.33	1.34
16	1850	25	0	14.065	.000v	2.71	1.36
17	1875	25	0	14.058	.000v	3.02	1.47
18	1900	25	0	14.045	.000v	3.32	1.47
19	1700	50	0	14.034	.000v	1.75	.84
20	1725	50	0	14.050	.000v	1.78	.94
21	1750	50	0	14.079	.000v	1.74	.94
22	1775	50	0	14.095	.000v	1.58	1.12
23	1800	50	0	14.100	.000v	1.83	1.21
24	1825	50	0	14.104^	.000v	2.26	1.34
25	1850	50	0	14.098	.000v	2.75	1.45
26	1875	50	0	14.074	.000v	3.12	1.50
27	1900	50	0	14.054	.000v	3.42^	1.50^
28	1700	75	0	14.040	.000v	1.68	.86
29	1725	75	0	14.065	.000v	1.78	1.28
30	1750	75	0	14.085	.000v	1.72	1.13
31	1775	75	0	14.095	.000v	1.64	1.19
32	1800	75	0	14.097	.000v	1.99	1.27
33	1825	75	0	14.093	.000v	2.32	1.22
34	1850	75	0	14.081	.000v	2.52	1.19
35	1875	75	0	14.059	.000v	2.72	1.18
36	1900	75	0	14.040	.000v	2.80	1.06
37	1700	100	0	14.033	.000v	1.16	.67
38	1725	100	0	14.046	.000v	1.17	.87
39	1750	100	0	14.055	.000v	1.14	.89
40	1775	100	0	14.059	.000v	1.37	.98
41	1800	100	0	14.059	.000v	1.49	.99
42	1825	100	0	14.055	.000v	1.67	.97
43	1850	100	0	14.047	.000v	1.82	.91
44	1875	100	0	14.036	.000v	1.87	.85
45	1900	100	0	14.026	.000v	1.95	.69
	wartosci srednie			14.055	.000	1.91	1.07

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 38.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1700	0	0	38.153v	.000v	11.08v	4.56v
2	1725	0	0	38.204	.000v	13.94	7.62
3	1750	0	0	38.268	.000v	14.39	10.63
4	1775	0	0	38.328	.000v	14.91	13.13
5	1800	0	0	38.373	.000v	16.89	14.05
6	1825	0	0	38.396	.000v	19.25	14.68

7	1850	0	0	38.397	.000v	21.17	14.65
8	1875	0	0	38.372	.000v	23.10	14.39
9	1900	0	0	38.314	.000v	25.02	12.44
10	1700	25	0	38.241	.000v	15.36	7.17
11	1725	25	0	38.349	.000v	16.42	10.71
12	1750	25	0	38.512	.000v	16.74	12.57
13	1775	25	0	38.649	.000v	17.01	14.87
14	1800	25	0	38.733	.000v	21.37	15.90
15	1825	25	0	38.766	.000v	26.60	17.05
16	1850	25	0	38.742	.000v	30.96	17.65
17	1875	25	0	38.664	.000v	34.46	17.74
18	1900	25	0	38.516	.000v	37.82	18.29
19	1700	50	0	38.385	.000v	19.99	10.24
20	1725	50	0	38.569	.000v	20.27	12.03
21	1750	50	0	38.900	.000v	19.85	12.35
22	1775	50	0	39.087	.000v	18.00	14.07
23	1800	50	0	39.136	.000v	20.91	14.29
24	1825	50	0	39.181^	.000v	25.79	16.88
25	1850	50	0	39.122	.000v	31.32	18.83
26	1875	50	0	38.847	.000v	35.58	19.56^
27	1900	50	0	38.618	.000v	39.03^	19.14
28	1700	75	0	38.459	.000v	19.15	11.70
29	1725	75	0	38.742	.000v	20.24	15.14
30	1750	75	0	38.966	.000v	19.59	13.76
31	1775	75	0	39.078	.000v	18.76	14.22
32	1800	75	0	39.104	.000v	22.75	15.41
33	1825	75	0	39.057	.000v	26.49	14.44
34	1850	75	0	38.927	.000v	28.76	14.38
35	1875	75	0	38.675	.000v	31.04	14.91
36	1900	75	0	38.451	.000v	31.90	14.10
37	1700	100	0	38.372	.000v	13.24	8.45
38	1725	100	0	38.527	.000v	13.35	10.33
39	1750	100	0	38.633	.000v	12.95	11.11
40	1775	100	0	38.674	.000v	15.60	11.27
41	1800	100	0	38.672	.000v	17.01	11.34
42	1825	100	0	38.628	.000v	19.09	11.11
43	1850	100	0	38.541	.000v	20.79	10.88
44	1875	100	0	38.416	.000v	21.30	10.78
45	1900	100	0	38.297	.000v	22.23	9.73
wartosci srednie				38.623	.000	21.81	13.30

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]

tlo stezenia R = 550. [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1700	0	0	551.1v	.000v	77.v	31.v
2	1725	0	0	551.4	.000v	96.	53.
3	1750	0	0	551.8	.000v	99.	73.
4	1775	0	0	552.3	.000v	103.	91.
5	1800	0	0	552.6	.000v	117.	97.
6	1825	0	0	552.7	.000v	133.	101.
7	1850	0	0	552.7	.000v	146.	101.
8	1875	0	0	552.6	.000v	159.	99.
9	1900	0	0	552.2	.000v	173.	86.
10	1700	25	0	551.7	.000v	106.	49.
11	1725	25	0	552.4	.000v	113.	74.
12	1750	25	0	553.5	.000v	116.	87.
13	1775	25	0	554.5	.000v	117.	103.
14	1800	25	0	555.1	.000v	148.	110.
15	1825	25	0	555.3	.000v	184.	118.
16	1850	25	0	555.1	.000v	214.	122.
17	1875	25	0	554.6	.000v	238.	122.
18	1900	25	0	553.6	.000v	261.	126.
19	1700	50	0	552.7	.000v	138.	71.
20	1725	50	0	553.9	.000v	140.	83.
21	1750	50	0	556.2	.000v	137.	85.
22	1775	50	0	557.5	.000v	124.	97.
23	1800	50	0	557.8	.000v	144.	99.
24	1825	50	0	558.2^	.000v	178.	117.
25	1850	50	0	557.7	.000v	216.	130.
26	1875	50	0	555.8	.000v	246.	135.^
27	1900	50	0	554.3	.000v	269.^	132.

28	1700	75	0	553.2	.000v	132.	81.
29	1725	75	0	555.1	.000v	140.	105.
30	1750	75	0	556.7	.000v	135.	95.
31	1775	75	0	557.4	.000v	130.	98.
32	1800	75	0	557.6	.000v	157.	106.
33	1825	75	0	557.3	.000v	183.	100.
34	1850	75	0	556.4	.000v	199.	99.
35	1875	75	0	554.7	.000v	214.	103.
36	1900	75	0	553.1	.000v	220.	97.
37	1700	100	0	552.6	.000v	91.	58.
38	1725	100	0	553.6	.000v	92.	71.
39	1750	100	0	554.4	.000v	89.	77.
40	1775	100	0	554.7	.000v	108.	78.
41	1800	100	0	554.6	.000v	117.	78.
42	1825	100	0	554.3	.000v	132.	77.
43	1850	100	0	553.7	.000v	144.	75.
44	1875	100	0	552.9	.000v	147.	74.
45	1900	100	0	552.1	.000v	153.	67.
	wartosci srednie			554.3	.000	151.	92.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]

tlo stezenia R = 2.200 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1700	0	0	2.2007v	.000v	.049v	.020v
2	1725	0	0	2.2009	.000v	.061	.034
3	1750	0	0	2.2012	.000v	.063	.047
4	1775	0	0	2.2014	.000v	.066	.058
5	1800	0	0	2.2016	.000v	.074	.062
6	1825	0	0	2.2017	.000v	.085	.065
7	1850	0	0	2.2017	.000v	.093	.065
8	1875	0	0	2.2016	.000v	.102	.063
9	1900	0	0	2.2014	.000v	.110	.055
10	1700	25	0	2.2011	.000v	.068	.032
11	1725	25	0	2.2015	.000v	.072	.047
12	1750	25	0	2.2023	.000v	.074	.055
13	1775	25	0	2.2029	.000v	.075	.066
14	1800	25	0	2.2032	.000v	.094	.070
15	1825	25	0	2.2034	.000v	.117	.075
16	1850	25	0	2.2033	.000v	.136	.078
17	1875	25	0	2.2029	.000v	.152	.078
18	1900	25	0	2.2023	.000v	.167	.081
19	1700	50	0	2.2017	.000v	.088	.045
20	1725	50	0	2.2025	.000v	.089	.053
21	1750	50	0	2.2040	.000v	.087	.054
22	1775	50	0	2.2048	.000v	.079	.062
23	1800	50	0	2.2050	.000v	.092	.063
24	1825	50	0	2.2052^	.000v	.114	.074
25	1850	50	0	2.2049	.000v	.138	.083
26	1875	50	0	2.2037	.000v	.157	.086^
27	1900	50	0	2.2027	.000v	.172^	.084
28	1700	75	0	2.2020	.000v	.084	.052
29	1725	75	0	2.2033	.000v	.089	.067
30	1750	75	0	2.2043	.000v	.086	.061
31	1775	75	0	2.2047	.000v	.083	.063
32	1800	75	0	2.2049	.000v	.100	.068
33	1825	75	0	2.2047	.000v	.117	.064
34	1850	75	0	2.2041	.000v	.127	.063
35	1875	75	0	2.2030	.000v	.137	.066
36	1900	75	0	2.2020	.000v	.141	.062
37	1700	100	0	2.2016	.000v	.058	.037
38	1725	100	0	2.2023	.000v	.059	.046
39	1750	100	0	2.2028	.000v	.057	.049
40	1775	100	0	2.2030	.000v	.069	.050
41	1800	100	0	2.2030	.000v	.075	.050
42	1825	100	0	2.2028	.000v	.084	.049
43	1850	100	0	2.2024	.000v	.092	.048
44	1875	100	0	2.2018	.000v	.094	.047
45	1900	100	0	2.2013	.000v	.098	.043
	wartosci srednie			2.2027	.000	.096	.059

Wyniki obliczen w wezlach swobodnych

ZANIECZYSZCZENIE NR 1 - Ditlenek azotu NO2

dopuszczalne D1 = 200.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 28.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1725	14	0	29.912^	.000v	101.66	64.45
2	1725	14	1	29.910	.000v	102.07	64.40
3	1725	14	2	29.903	.000v	103.17	64.84^
4	1725	14	3	29.891	.000v	104.65	64.47
5	1725	14	4	29.872	.000v	106.02	64.32
6	1725	14	5	29.846	.000v	106.77^	63.19
7	1725	14	6	29.812	.000v	106.35	61.68
8	1725	14	7	29.768	.000v	104.39	59.97
9	1725	14	8	29.715	.000v	100.66	58.26
10	1725	14	9	29.652	.000v	95.13	56.75
11	1725	14	10	29.581v	.000v	88.00v	54.12v
	wartosci srednie			29.806	.000	101.72	61.50

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]
tlo stezenia R = 14.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	1725	14	0	14.024^	.000v	1.28	.71^
2	1725	14	1	14.024	.000v	1.29	.71
3	1725	14	2	14.024	.000v	1.30	.70
4	1725	14	3	14.024	.000v	1.32	.70
5	1725	14	4	14.024	.000v	1.34	.69
6	1725	14	5	14.023	.000v	1.35^	.68
7	1725	14	6	14.023	.000v	1.34	.67
8	1725	14	7	14.022	.000v	1.32	.66
9	1725	14	8	14.022	.000v	1.27	.64
10	1725	14	9	14.021	.000v	1.20	.61
11	1725	14	10	14.020v	.000v	1.11v	.58v
	wartosci srednie			14.023	.000	1.29	.67

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 38.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1725	14	0	38.275v	.000v	14.65v	9.29v
2	1725	14	1	38.293	.000v	17.23	9.88
3	1725	14	2	38.309	.000v	19.80	10.66
4	1725	14	3	38.323	.000v	22.22	11.29
5	1725	14	4	38.335	.000v	24.33	12.01
6	1725	14	5	38.344	.000v	25.97	12.55
7	1725	14	6	38.350	.000v	27.01	13.01
8	1725	14	7	38.352^	.000v	27.37^	13.19^
9	1725	14	8	38.350	.000v	27.01	13.01
10	1725	14	9	38.344	.000v	25.97	12.55
11	1725	14	10	38.335	.000v	24.33	12.01
	wartosci srednie			38.328	.000	23.26	11.77

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]
tlo stezenia R = 550. [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1725	14	0	551.9v	.000v	101.v	64.v

2	1725	14	1	552.0	.000v	119.	68.
3	1725	14	2	552.1	.000v	137.	74.
4	1725	14	3	552.2	.000v	153.	78.
5	1725	14	4	552.3	.000v	168.	83.
6	1725	14	5	552.4	.000v	179.	87.
7	1725	14	6	552.4	.000v	186.	90.
8	1725	14	7	552.4^	.000v	189.^	91.^
9	1725	14	8	552.4	.000v	186.	90.
10	1725	14	9	552.4	.000v	179.	87.
11	1725	14	10	552.3	.000v	168.	83.
	wartosci srednie			552.3	.000	161.	81.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]

tlo stezenia R = 2.200 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1725	14	0	2.2012^	.000v	.065	.041
2	1725	14	1	2.2012	.000v	.065	.041
3	1725	14	2	2.2012	.000v	.065	.041^
4	1725	14	3	2.2012	.000v	.066	.041
5	1725	14	4	2.2012	.000v	.067	.041
6	1725	14	5	2.2012	.000v	.068^	.040
7	1725	14	6	2.2012	.000v	.068	.039
8	1725	14	7	2.2011	.000v	.066	.038
9	1725	14	8	2.2011	.000v	.064	.037
10	1725	14	9	2.2010	.000v	.060	.036
11	1725	14	10	2.2010v	.000v	.056v	.034v
	wartosci srednie			2.2011	.000	.065	.039

* - przekroczenie wartosci dopuszczalnej
^ - wartosc maksymalna
v - wartosc minimalna

Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

@@@@@@@@@@ WERSJA 6.01 @@

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Raport / diagnostyka wprowadzonych danych

nazwa uzytkownika : Autorski
numer licencji : MJ/00/03

data obliczen : 2008-02-03

==========

IDENTYFIKATOR :
BRO

==========

TYTUL :
Metro Warszawskie. 2 linia. Targowek. Etap realizacji (budowa).
Prognoza. Wariant I. Tunele metoda tarczowa, stacje metoda odkrywkowa
Stacja koncowa "BRODNO"

==========

SIATKA OBLICZENIOWA :
- rzedna punktow z [m] = .0
- wsp. poczatku x0 [m] = .0
y0 [m] = 150.0
- krok siatki dx [m] = 25.0
dy [m] = 25.0
- liczba wezlow lx = 21
ly = 9

==========

DANE PODSTAWOWE :
- dokladnosc obliczen EPS = .050000
- liczba zanieczyszczen LZAN = 5
- liczba zanieczyszczen pylowych LZAP = 0
- liczba sezonow LSEZ = 2
- liczba podokresow emisji LOE = 3
- maksymalny numer emitora MNEM = 1
- liczba emitorow punktowych LKOM = 0
- liczba emitorow powierzchniowych LPOW = 1
- liczba emitorow liniowych LLIN = 0

==========

DANE METEOROLOGICZNE W SEZONACH :

sezon nr	nazwa sezonu	wgledny udzial w roku	temperatura otoczenia	wysokosc anemometru	nazwa zbioru rozy
1	dzi	.500	281.0 [K]	14.0 [m]	warszawa.dzi
2	noc	.500	281.0 [K]	14.0 [m]	warszawa.noc

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DANE ZANIECZYSZCZEN :

numer	typ	czestosc	nazwa zanieczyszczenia
1	gaz	.20	Ditlenek azotu NO2
2	gaz	.27	Ditlenek siarki SO2
3	pyl	.20	Pyl zawiezony PM10
4	pyl	.20	Tlenek wegla CO
5	gaz	.20	Benzen

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DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :

zanieczyszczenie nr 1 [ug/m3] - Ditlenek azotu NO2
d1 = 200.00| da = 40.000| tlo = 28.000

```
 zanieczyszczenie nr 2  [ug/m3] - Ditlenek siarki SO2
  d1 =   350.00| da =   30.000| tlo =   14.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 3  [ug/m3] - Pyl zawiezony PM10
  d1 =   280.00| da =   40.000| tlo =   38.000
  ------------------------------------------------------------------------
 zanieczyszczenie nr 4  [ug/m3] - Tlenek wegla CO
  d1 =   30000.| da =   5000.0| tlo =   550.00
  ------------------------------------------------------------------------
 zanieczyszczenie nr 5  [ug/m3] - Benzen
  d1 =   30.000| da =   5.0000| tlo =   2.2000

================================================================================
DANE PODOKRESOW EMISJI :
     numer    |    numer   | udzial podokresu
   podokresu  |    sezonu  |     w sezonie
  ------------------------------------------------------
        1     |      1     |      1.0000
        2     |      2     |       .3333
        3     |      2     |       .6667

================================================================================
 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  2.000

================================================================================
  DANE EMITOROW :
================================================================================
 EMITOR NR   1 - POWIERZCHNIOWY "Wykop stacja "Brodno"                  "
 ------------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba     |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
     7.0    |        2       |     10       |  20.0
 ------------------------------------------------------------------------------
              wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|      36.0     310.0 |     144.0     268.0 |     172.0     259.0 |
|     200.0     253.0 |     440.0     220.0 |     437.0     197.0 |
|     200.0     229.0 |     165.0     236.0 |     125.0     250.0 |
|      27.0     293.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 ------------------------------------------------------------------------------
 NUMER OKRESU  1 | sezon  1 i 2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        1   2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|   .76809| .0079450|   .17884|   1.2445|.00040400
 ------------------------------------------------------------------------------
 NUMER OKRESU  2 | sezon  2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        3
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|       .0|       .0|       .0|       .0|       .0
 ================================================================================
                      SUMA EMISJI W PODOKRESACH [kg/h]

  numery                 numery zanieczyszczen
podokresow  |      1  |      2  |      3  |      4  |      5  |
    1       |   .76809| .0079450|   .17884|   1.2445|.00040400
    2       |   .76809| .0079450|   .17884|   1.2445|.00040400
    3       |       .0|       .0|       .0|       .0|       .0
```

Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

@@@@@@@@@@ WERSJA 6.01 @@@@@@@@@@@

42	500	175	0	29.517	.000v	143.02	60.91
43	0	200	0	28.785	.000v	27.64	14.89
44	25	200	0	28.945	.000v	32.23	20.40
45	50	200	0	29.153	.000v	40.53	28.56
46	75	200	0	29.417	.000v	43.74	35.91
47	100	200	0	29.737	.000v	50.00	46.14
48	125	200	0	30.109	.000v	56.99	50.22
49	150	200	0	30.535	.000v	69.76	55.24
50	175	200	0	30.993	.000v	85.65	60.89
51	200	200	0	31.444	.000v	98.79	63.33
52	225	200	0	31.849	.000v	115.41	62.44
53	250	200	0	32.200	.000v	124.21	65.77
54	275	200	0	32.543	.000v	132.72	66.36
55	300	200	0	32.886	.000v	145.59	72.31
56	325	200	0	33.148	.000v	157.03	78.12
57	350	200	0	33.329	.000v	172.47	84.46
58	375	200	0	33.427	.000v	186.75	90.35
59	400	200	0	33.332	.000v	196.43	94.16
60	425	200	0	32.810	.008	201.54	93.56
61	450	200	0	31.988	.024^	207.25^	91.58
62	475	200	0	30.584	.000v	192.39	80.16
63	500	200	0	29.751	.000v	161.42	60.23
64	0	225	0	28.991	.000v	33.13	18.64
65	25	225	0	29.257	.000v	37.42	24.27
66	50	225	0	29.623	.000v	41.99	34.58
67	75	225	0	30.114	.000v	48.41	45.41
68	100	225	0	30.738	.000v	58.35	50.69
69	125	225	0	31.544	.000v	76.48	61.46
70	150	225	0	32.367	.000v	94.37	70.55
71	175	225	0	33.210	.000v	118.67	78.11
72	200	225	0	33.847	.000v	141.13	83.33
73	225	225	0	34.324	.000v	168.50	89.24
74	250	225	0	34.915	.000v	185.27	95.49
75	275	225	0	35.346	.000v	195.08	96.18^
76	300	225	0	35.499	.000v	196.21	92.64
77	325	225	0	35.508	.000v	193.12	91.00
78	350	225	0	35.634	.000v	187.19	87.66
79	375	225	0	35.431	.000v	179.96	85.25
80	400	225	0	34.660	.000v	172.54	82.37
81	425	225	0	33.286	.000v	169.56	83.10
82	450	225	0	31.799	.000v	168.39	82.64
83	475	225	0	30.473	.000v	159.94	70.03
84	500	225	0	29.706	.000v	140.62	57.01
85	0	250	0	29.282	.000v	41.74	24.69
86	25	250	0	29.749	.000v	49.35	31.30
87	50	250	0	30.465	.000v	57.65	41.66
88	75	250	0	31.476	.000v	67.92	51.26
89	100	250	0	32.693	.000v	88.31	65.26
90	125	250	0	33.900	.000v	100.13	79.29
91	150	250	0	35.053	.000v	125.80	84.42
92	175	250	0	35.992	.000v	144.70	83.42
93	200	250	0	36.290^	.000v	157.13	84.73
94	225	250	0	36.247	.000v	146.59	76.20
95	250	250	0	36.147	.000v	133.61	73.46
96	275	250	0	35.835	.000v	121.32	71.71
97	300	250	0	35.418	.000v	120.56	67.97
98	325	250	0	34.977	.000v	125.28	65.41
99	350	250	0	34.454	.000v	127.58	65.65
100	375	250	0	33.759	.000v	125.24	62.01
101	400	250	0	32.877	.000v	124.90	60.36
102	425	250	0	31.769	.000v	118.68	57.90
103	450	250	0	30.673	.000v	113.82	55.03
104	475	250	0	29.922	.000v	109.22	51.07
105	500	250	0	29.459	.000v	106.74	46.41
106	0	275	0	29.702	.000v	55.84	35.00
107	25	275	0	30.548	.000v	68.05	45.10
108	50	275	0	31.993	.000v	90.62	58.61
109	75	275	0	33.639	.000v	105.06	69.16
110	100	275	0	34.983	.000v	98.42	66.85
111	125	275	0	35.750	.000v	104.36	80.66
112	150	275	0	35.780	.000v	109.47	68.90
113	175	275	0	35.167	.000v	92.86	62.34
114	200	275	0	34.600	.000v	81.81	59.04
115	225	275	0	34.130	.000v	83.99	53.88
116	250	275	0	33.672	.000v	84.93	47.94
117	275	275	0	33.256	.000v	84.25	46.19
118	300	275	0	32.884	.000v	82.14	45.83

119	325	275	0	32.512	.000v	82.96	42.80
120	350	275	0	32.100	.000v	82.25	41.38
121	375	275	0	31.622	.000v	85.55	42.56
122	400	275	0	31.065	.000v	83.57	41.49
123	425	275	0	30.475	.000v	84.94	41.84
124	450	275	0	29.921	.000v	83.89	41.31
125	475	275	0	29.500	.000v	83.65	38.95
126	500	275	0	29.203	.000v	81.58	35.79
127	0	300	0	30.157	.000v	71.74	41.52
128	25	300	0	31.454	.000v	97.59	64.37
129	50	300	0	33.046	.000v	90.28	64.06
130	75	300	0	34.165	.000v	77.08	55.75
131	100	300	0	34.247	.000v	68.20	57.23
132	125	300	0	33.741	.000v	61.68	51.20
133	150	300	0	33.115	.000v	61.79	44.88
134	175	300	0	32.657	.000v	64.91	42.12
135	200	300	0	32.310	.000v	62.66	39.12
136	225	300	0	32.024	.000v	60.58	36.95
137	250	300	0	31.764	.000v	59.62	34.63
138	275	300	0	31.515	.000v	62.10	32.68
139	300	300	0	31.279	.000v	64.19	31.79
140	325	300	0	31.035	.000v	65.86	31.45
141	350	300	0	30.768	.000v	64.49	31.31
142	375	300	0	30.462	.000v	64.00	30.82
143	400	300	0	30.129	.000v	65.81	31.75
144	425	300	0	29.787	.000v	67.24	31.13
145	450	300	0	29.469	.000v	66.76	31.19
146	475	300	0	29.202	.000v	66.04	29.84
147	500	300	0	29.002	.000v	66.94	28.05
148	0	325	0	30.106	.000v	60.20	35.70
149	25	325	0	31.096	.000v	67.20	45.80
150	50	325	0	31.891	.000v	58.19	48.50
151	75	325	0	32.076	.000v	49.63	44.59
152	100	325	0	31.885	.000v	48.81	40.03
153	125	325	0	31.633	.000v	49.39	36.23
154	150	325	0	31.383	.000v	48.50	32.20
155	175	325	0	31.177	.000v	49.01	30.74
156	200	325	0	30.999	.000v	49.68	29.09
157	225	325	0	30.840	.000v	50.20	28.06
158	250	325	0	30.683	.000v	49.04	26.81
159	275	325	0	30.529	.000v	50.08	25.89
160	300	325	0	30.368	.000v	52.50	25.12
161	325	325	0	30.201	.000v	52.89	24.67
162	350	325	0	30.014	.000v	52.85	24.49
163	375	325	0	29.814	.000v	55.37	24.34
164	400	325	0	29.594	.000v	55.47	24.51
165	425	325	0	29.376	.000v	55.32	24.76
166	450	325	0	29.169	.000v	55.39	24.01
167	475	325	0	28.991	.000v	57.17	24.04
168	500	325	0	28.847	.000v	56.92	22.95
169	0	350	0	29.709	.000v	43.64	25.84
170	25	350	0	30.168	.000v	43.52	31.45
171	50	350	0	30.497	.000v	39.87	34.42
172	75	350	0	30.607	.000v	41.76	32.54
173	100	350	0	30.583	.000v	41.13	30.31
174	125	350	0	30.506	.000v	41.83	28.23
175	150	350	0	30.411	.000v	43.60	25.86
176	175	350	0	30.313	.000v	43.95	24.74
177	200	350	0	30.213	.000v	43.19	23.65
178	225	350	0	30.120	.000v	42.70	22.90
179	250	350	0	30.018	.000v	44.14	22.05
180	275	350	0	29.914	.000v	43.19	21.56
181	300	350	0	29.800	.000v	44.67	21.06
182	325	350	0	29.677	.000v	45.40	20.71
183	350	350	0	29.546	.000v	46.97	20.39
184	375	350	0	29.404	.000v	47.03	20.26
185	400	350	0	29.254	.000v	48.69	20.27
186	425	350	0	29.104	.000v	46.85	20.38
187	450	350	0	28.961	.000v	48.57	21.01
188	475	350	0	28.832	.000v	48.73	20.41
189	500	350	0	28.724	.000v	49.09	18.46
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numer wezla	wspolrzedne wezla x	y	z	stezenie srednie+R	czestosc przekr.	stezenia 1-godz. Smax	S99.726
-	[m]	[m]	[m]	[ug/m3]	[%]	[ug/m3]	[ug/m3]
1	0	150	0	14.005v	.000v	.22v	.10v
2	25	150	0	14.006	.000v	.31	.13
3	50	150	0	14.007	.000v	.37	.18
4	75	150	0	14.008	.000v	.39	.21
5	100	150	0	14.009	.000v	.42	.26
6	125	150	0	14.010	.000v	.47	.34
7	150	150	0	14.012	.000v	.51	.39
8	175	150	0	14.013	.000v	.56	.46
9	200	150	0	14.015	.000v	.62	.46
10	225	150	0	14.016	.000v	.69	.48
11	250	150	0	14.017	.000v	.74	.47
12	275	150	0	14.018	.000v	.77	.51
13	300	150	0	14.019	.000v	.82	.50
14	325	150	0	14.020	.000v	.87	.51
15	350	150	0	14.020	.000v	.92	.51
16	375	150	0	14.020	.000v	.97	.53
17	400	150	0	14.020	.000v	.99	.54
18	425	150	0	14.019	.000v	1.05	.55
19	450	150	0	14.017	.000v	1.08	.53
20	475	150	0	14.015	.000v	1.13	.51
21	500	150	0	14.013	.000v	1.17	.47
22	0	175	0	14.007	.000v	.24	.12
23	25	175	0	14.008	.000v	.33	.16
24	50	175	0	14.009	.000v	.40	.20
25	75	175	0	14.011	.000v	.42	.26
26	100	175	0	14.012	.000v	.45	.32
27	125	175	0	14.015	.000v	.50	.40
28	150	175	0	14.017	.000v	.59	.49
29	175	175	0	14.019	.000v	.68	.49
30	200	175	0	14.022	.000v	.76	.53
31	225	175	0	14.024	.000v	.87	.52
32	250	175	0	14.026	.000v	.94	.53
33	275	175	0	14.028	.000v	.99	.55
34	300	175	0	14.030	.000v	1.05	.58
35	325	175	0	14.031	.000v	1.14	.58
36	350	175	0	14.032	.000v	1.20	.60
37	375	175	0	14.033	.000v	1.27	.63
38	400	175	0	14.033	.000v	1.33	.65
39	425	175	0	14.031	.000v	1.41	.69
40	450	175	0	14.027	.000v	1.52	.71
41	475	175	0	14.021	.000v	1.56	.64
42	500	175	0	14.016	.000v	1.48	.49
43	0	200	0	14.008	.000v	.29	.14
44	25	200	0	14.010	.000v	.33	.18
45	50	200	0	14.012	.000v	.42	.25
46	75	200	0	14.015	.000v	.45	.33
47	100	200	0	14.018	.000v	.52	.41
48	125	200	0	14.022	.000v	.59	.50
49	150	200	0	14.026	.000v	.72	.53
50	175	200	0	14.031	.000v	.89	.58
51	200	200	0	14.036	.000v	1.02	.58
52	225	200	0	14.040	.000v	1.19	.59
53	250	200	0	14.043	.000v	1.28	.63
54	275	200	0	14.047	.000v	1.37	.65
55	300	200	0	14.051	.000v	1.51	.72
56	325	200	0	14.053	.000v	1.62	.79
57	350	200	0	14.055	.000v	1.78	.85
58	375	200	0	14.056	.000v	1.93	.88
59	400	200	0	14.055	.000v	2.03	.89
60	425	200	0	14.050	.000v	2.08	.93
61	450	200	0	14.041	.000v	2.14^	.93
62	475	200	0	14.027	.000v	1.99	.71
63	500	200	0	14.018	.000v	1.67	.52
64	0	225	0	14.010	.000v	.34	.17
65	25	225	0	14.013	.000v	.39	.23
66	50	225	0	14.017	.000v	.43	.32
67	75	225	0	14.022	.000v	.50	.43
68	100	225	0	14.028	.000v	.60	.49
69	125	225	0	14.037	.000v	.79	.57
70	150	225	0	14.045	.000v	.98	.64
71	175	225	0	14.054	.000v	1.23	.70
72	200	225	0	14.060	.000v	1.46	.82

73	225	225	0	14.065	.000v	1.74	.87
74	250	225	0	14.072	.000v	1.92	.94
75	275	225	0	14.076	.000v	2.02	.96^
76	300	225	0	14.078	.000v	2.03	.92
77	325	225	0	14.078	.000v	2.00	.91
78	350	225	0	14.079	.000v	1.94	.88
79	375	225	0	14.077	.000v	1.86	.85
80	400	225	0	14.069	.000v	1.78	.83
81	425	225	0	14.055	.000v	1.75	.84
82	450	225	0	14.039	.000v	1.74	.82
83	475	225	0	14.026	.000v	1.65	.65
84	500	225	0	14.018	.000v	1.45	.48
85	0	250	0	14.013	.000v	.43	.22
86	25	250	0	14.018	.000v	.51	.29
87	50	250	0	14.026	.000v	.60	.41
88	75	250	0	14.036	.000v	.70	.50
89	100	250	0	14.049	.000v	.91	.64
90	125	250	0	14.061	.000v	1.04	.73
91	150	250	0	14.073	.000v	1.30	.79
92	175	250	0	14.083	.000v	1.50	.84
93	200	250	0	14.086^	.000v	1.63	.84
94	225	250	0	14.085	.000v	1.52	.77
95	250	250	0	14.084	.000v	1.38	.73
96	275	250	0	14.081	.000v	1.25	.72
97	300	250	0	14.077	.000v	1.25	.69
98	325	250	0	14.072	.000v	1.30	.65
99	350	250	0	14.067	.000v	1.32	.66
100	375	250	0	14.060	.000v	1.30	.62
101	400	250	0	14.050	.000v	1.29	.59
102	425	250	0	14.039	.000v	1.23	.55
103	450	250	0	14.028	.000v	1.18	.52
104	475	250	0	14.020	.000v	1.13	.47
105	500	250	0	14.015	.000v	1.10	.40
106	0	275	0	14.018	.000v	.58	.30
107	25	275	0	14.026	.000v	.70	.42
108	50	275	0	14.041	.000v	.94	.55
109	75	275	0	14.058	.000v	1.09	.65
110	100	275	0	14.072	.000v	1.02	.67
111	125	275	0	14.080	.000v	1.08	.74
112	150	275	0	14.080	.000v	1.13	.67
113	175	275	0	14.074	.000v	.96	.61
114	200	275	0	14.068	.000v	.85	.58
115	225	275	0	14.063	.000v	.87	.54
116	250	275	0	14.059	.000v	.88	.49
117	275	275	0	14.054	.000v	.87	.47
118	300	275	0	14.051	.000v	.85	.44
119	325	275	0	14.047	.000v	.86	.43
120	350	275	0	14.042	.000v	.85	.42
121	375	275	0	14.037	.000v	.88	.42
122	400	275	0	14.032	.000v	.86	.40
123	425	275	0	14.026	.000v	.88	.39
124	450	275	0	14.020	.000v	.87	.37
125	475	275	0	14.016	.000v	.87	.35
126	500	275	0	14.012	.000v	.84	.32
127	0	300	0	14.022	.000v	.74	.40
128	25	300	0	14.036	.000v	1.01	.63
129	50	300	0	14.052	.000v	.93	.65
130	75	300	0	14.064	.000v	.80	.56
131	100	300	0	14.065	.000v	.71	.55
132	125	300	0	14.059	.000v	.64	.51
133	150	300	0	14.053	.000v	.64	.45
134	175	300	0	14.048	.000v	.67	.42
135	200	300	0	14.045	.000v	.65	.40
136	225	300	0	14.042	.000v	.63	.37
137	250	300	0	14.039	.000v	.62	.35
138	275	300	0	14.036	.000v	.64	.34
139	300	300	0	14.034	.000v	.66	.32
140	325	300	0	14.031	.000v	.68	.32
141	350	300	0	14.029	.000v	.67	.31
142	375	300	0	14.025	.000v	.66	.31
143	400	300	0	14.022	.000v	.68	.30
144	425	300	0	14.018	.000v	.70	.30
145	450	300	0	14.015	.000v	.69	.29
146	475	300	0	14.012	.000v	.68	.28
147	500	300	0	14.010	.000v	.69	.26
148	0	325	0	14.022	.000v	.62	.36
149	25	325	0	14.032	.000v	.70	.46

150	50	325	0	14.040	.000v	.60	.45
151	75	325	0	14.042	.000v	.51	.43
152	100	325	0	14.040	.000v	.50	.40
153	125	325	0	14.038	.000v	.51	.37
154	150	325	0	14.035	.000v	.50	.33
155	175	325	0	14.033	.000v	.51	.31
156	200	325	0	14.031	.000v	.51	.30
157	225	325	0	14.029	.000v	.52	.28
158	250	325	0	14.028	.000v	.51	.27
159	275	325	0	14.026	.000v	.52	.27
160	300	325	0	14.024	.000v	.54	.26
161	325	325	0	14.023	.000v	.55	.25
162	350	325	0	14.021	.000v	.55	.25
163	375	325	0	14.019	.000v	.57	.24
164	400	325	0	14.016	.000v	.57	.24
165	425	325	0	14.014	.000v	.57	.24
166	450	325	0	14.012	.000v	.57	.23
167	475	325	0	14.010	.000v	.59	.23
168	500	325	0	14.009	.000v	.59	.22
169	0	350	0	14.018	.000v	.45	.26
170	25	350	0	14.022	.000v	.45	.29
171	50	350	0	14.026	.000v	.41	.31
172	75	350	0	14.027	.000v	.43	.33
173	100	350	0	14.027	.000v	.43	.30
174	125	350	0	14.026	.000v	.43	.29
175	150	350	0	14.025	.000v	.45	.27
176	175	350	0	14.024	.000v	.45	.25
177	200	350	0	14.023	.000v	.45	.24
178	225	350	0	14.022	.000v	.44	.23
179	250	350	0	14.021	.000v	.46	.23
180	275	350	0	14.020	.000v	.45	.22
181	300	350	0	14.019	.000v	.46	.22
182	325	350	0	14.017	.000v	.47	.21
183	350	350	0	14.016	.000v	.49	.21
184	375	350	0	14.015	.000v	.49	.21
185	400	350	0	14.013	.000v	.50	.20
186	425	350	0	14.011	.000v	.48	.20
187	450	350	0	14.010	.000v	.50	.20
188	475	350	0	14.009	.000v	.50	.19
189	500	350	0	14.007	.000v	.51	.18
wartosci srednie				14.033	.000	.89	.47

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]

tlo stezenia R = 38.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	150	0	38.060v	.000v	2.47v	1.32v
2	25	150	0	38.069	.000v	3.54	1.77
3	50	150	0	38.079	.000v	4.11	2.31
4	75	150	0	38.090	.000v	4.41	2.76
5	100	150	0	38.103	.000v	4.69	3.64
6	125	150	0	38.117	.000v	5.28	4.76
7	150	150	0	38.133	.000v	5.78	5.08
8	175	150	0	38.149	.000v	6.30	5.36
9	200	150	0	38.164	.000v	7.00	5.42
10	225	150	0	38.179	.000v	7.71	5.71
11	250	150	0	38.192	.000v	8.32	5.85
12	275	150	0	38.204	.000v	8.68	6.01
13	300	150	0	38.214	.000v	9.25	6.16
14	325	150	0	38.223	.000v	9.81	6.21
15	350	150	0	38.227	.000v	10.38	6.39
16	375	150	0	38.229	.000v	10.88	6.53
17	400	150	0	38.226	.000v	11.17	6.67
18	425	150	0	38.217	.000v	11.83	6.96
19	450	150	0	38.197	.000v	12.18	7.08
20	475	150	0	38.170	.000v	12.71	6.30
21	500	150	0	38.142	.000v	13.16	6.17
22	0	175	0	38.074	.000v	2.74	1.50
23	25	175	0	38.086	.000v	3.76	2.06
24	50	175	0	38.101	.000v	4.50	2.70
25	75	175	0	38.119	.000v	4.77	3.30
26	100	175	0	38.140	.000v	5.05	4.33

27	125	175	0	38.164	.000v	5.64	5.23
28	150	175	0	38.189	.000v	6.60	5.71
29	175	175	0	38.217	.000v	7.62	6.04
30	200	175	0	38.243	.000v	8.53	6.36
31	225	175	0	38.269	.000v	9.77	6.42
32	250	175	0	38.291	.000v	10.59	6.58
33	275	175	0	38.314	.000v	11.17	6.91
34	300	175	0	38.334	.000v	11.78	7.26
35	325	175	0	38.352	.000v	12.80	7.28
36	350	175	0	38.364	.000v	13.51	7.64
37	375	175	0	38.371	.000v	14.34	7.63
38	400	175	0	38.366	.000v	14.97	7.85
39	425	175	0	38.349	.000v	15.87	8.24
40	450	175	0	38.306	.000v	17.08	8.44
41	475	175	0	38.234	.000v	17.51	8.33
42	500	175	0	38.177	.000v	16.65	7.09
43	0	200	0	38.091	.000v	3.22	1.73
44	25	200	0	38.110	.000v	3.75	2.37
45	50	200	0	38.134	.000v	4.72	3.33
46	75	200	0	38.165	.000v	5.09	4.18
47	100	200	0	38.202	.000v	5.82	5.37
48	125	200	0	38.246	.000v	6.64	5.85
49	150	200	0	38.295	.000v	8.12	6.43
50	175	200	0	38.348	.000v	9.97	7.09
51	200	200	0	38.401	.000v	11.50	7.37
52	225	200	0	38.448	.000v	13.44	7.27
53	250	200	0	38.489	.000v	14.46	7.66
54	275	200	0	38.529	.000v	15.45	7.73
55	300	200	0	38.569	.000v	16.95	8.42
56	325	200	0	38.599	.000v	18.28	9.09
57	350	200	0	38.620	.000v	20.08	9.83
58	375	200	0	38.632	.000v	21.74	10.52
59	400	200	0	38.621	.000v	22.87	10.96
60	425	200	0	38.560	.000v	23.46	10.89
61	450	200	0	38.464	.000v	24.13^	10.66
62	475	200	0	38.301	.000v	22.40	9.33
63	500	200	0	38.204	.000v	18.79	7.01
64	0	225	0	38.115	.000v	3.86	2.17
65	25	225	0	38.146	.000v	4.36	2.83
66	50	225	0	38.189	.000v	4.89	4.03
67	75	225	0	38.246	.000v	5.64	5.29
68	100	225	0	38.319	.000v	6.79	5.90
69	125	225	0	38.413	.000v	8.90	7.15
70	150	225	0	38.508	.000v	10.99	8.21
71	175	225	0	38.607	.000v	13.82	9.09
72	200	225	0	38.681	.000v	16.43	9.70
73	225	225	0	38.736	.000v	19.62	10.39
74	250	225	0	38.805	.000v	21.57	11.12
75	275	225	0	38.855	.000v	22.71	11.20^
76	300	225	0	38.873	.000v	22.84	10.78
77	325	225	0	38.874	.000v	22.48	10.59
78	350	225	0	38.889	.000v	21.79	10.21
79	375	225	0	38.865	.000v	20.95	9.92
80	400	225	0	38.775	.000v	20.09	9.59
81	425	225	0	38.615	.000v	19.74	9.67
82	450	225	0	38.442	.000v	19.60	9.62
83	475	225	0	38.288	.000v	18.62	8.15
84	500	225	0	38.199	.000v	16.37	6.64
85	0	250	0	38.149	.000v	4.86	2.87
86	25	250	0	38.204	.000v	5.75	3.64
87	50	250	0	38.287	.000v	6.71	4.85
88	75	250	0	38.405	.000v	7.91	5.97
89	100	250	0	38.546	.000v	10.28	7.60
90	125	250	0	38.687	.000v	11.66	9.23
91	150	250	0	38.821	.000v	14.65	9.83
92	175	250	0	38.930	.000v	16.85	9.71
93	200	250	0	38.965^	.000v	18.29	9.86
94	225	250	0	38.960	.000v	17.07	8.87
95	250	250	0	38.948	.000v	15.55	8.55
96	275	250	0	38.912	.000v	14.12	8.35
97	300	250	0	38.864	.000v	14.04	7.91
98	325	250	0	38.812	.000v	14.59	7.61
99	350	250	0	38.751	.000v	14.85	7.64
100	375	250	0	38.671	.000v	14.58	7.22
101	400	250	0	38.568	.000v	14.54	7.03
102	425	250	0	38.439	.000v	13.82	6.74
103	450	250	0	38.311	.000v	13.25	6.41

104	475	250	0	38.224	.000v	12.71	5.94
105	500	250	0	38.170	.000v	12.43	5.40
106	0	275	0	38.198	.000v	6.50	4.07
107	25	275	0	38.297	.000v	7.92	5.25
108	50	275	0	38.465	.000v	10.55	6.82
109	75	275	0	38.656	.000v	12.23	8.05
110	100	275	0	38.813	.000v	11.46	7.78
111	125	275	0	38.902	.000v	12.15	9.39
112	150	275	0	38.906	.000v	12.74	8.02
113	175	275	0	38.834	.000v	10.81	7.26
114	200	275	0	38.768	.000v	9.52	6.87
115	225	275	0	38.714	.000v	9.78	6.27
116	250	275	0	38.660	.000v	9.89	5.58
117	275	275	0	38.612	.000v	9.81	5.38
118	300	275	0	38.569	.000v	9.56	5.34
119	325	275	0	38.525	.000v	9.66	4.98
120	350	275	0	38.477	.000v	9.58	4.82
121	375	275	0	38.422	.000v	9.96	4.95
122	400	275	0	38.357	.000v	9.73	4.83
123	425	275	0	38.288	.000v	9.89	4.87
124	450	275	0	38.224	.000v	9.77	4.81
125	475	275	0	38.175	.000v	9.74	4.53
126	500	275	0	38.140	.000v	9.50	4.17
127	0	300	0	38.251	.000v	8.35	4.83
128	25	300	0	38.402	.000v	11.36	7.49
129	50	300	0	38.587	.000v	10.51	7.46
130	75	300	0	38.718	.000v	8.97	6.49
131	100	300	0	38.727	.000v	7.94	6.66
132	125	300	0	38.668	.000v	7.18	5.96
133	150	300	0	38.595	.000v	7.19	5.23
134	175	300	0	38.542	.000v	7.56	4.90
135	200	300	0	38.502	.000v	7.29	4.55
136	225	300	0	38.469	.000v	7.05	4.30
137	250	300	0	38.438	.000v	6.94	4.03
138	275	300	0	38.409	.000v	7.23	3.80
139	300	300	0	38.382	.000v	7.47	3.70
140	325	300	0	38.353	.000v	7.67	3.66
141	350	300	0	38.322	.000v	7.51	3.65
142	375	300	0	38.287	.000v	7.45	3.59
143	400	300	0	38.248	.000v	7.66	3.70
144	425	300	0	38.208	.000v	7.83	3.62
145	450	300	0	38.171	.000v	7.77	3.63
146	475	300	0	38.140	.000v	7.69	3.47
147	500	300	0	38.117	.000v	7.79	3.27
148	0	325	0	38.245	.000v	7.01	4.16
149	25	325	0	38.360	.000v	7.82	5.33
150	50	325	0	38.453	.000v	6.77	5.65
151	75	325	0	38.474	.000v	5.78	5.19
152	100	325	0	38.452	.000v	5.68	4.66
153	125	325	0	38.423	.000v	5.75	4.22
154	150	325	0	38.394	.000v	5.65	3.75
155	175	325	0	38.370	.000v	5.71	3.58
156	200	325	0	38.349	.000v	5.78	3.39
157	225	325	0	38.331	.000v	5.84	3.27
158	250	325	0	38.312	.000v	5.71	3.12
159	275	325	0	38.294	.000v	5.83	3.01
160	300	325	0	38.276	.000v	6.11	2.92
161	325	325	0	38.256	.000v	6.16	2.87
162	350	325	0	38.235	.000v	6.15	2.85
163	375	325	0	38.211	.000v	6.45	2.83
164	400	325	0	38.186	.000v	6.46	2.85
165	425	325	0	38.160	.000v	6.44	2.88
166	450	325	0	38.136	.000v	6.45	2.79
167	475	325	0	38.115	.000v	6.66	2.80
168	500	325	0	38.099	.000v	6.63	2.67
169	0	350	0	38.199	.000v	5.08	3.01
170	25	350	0	38.252	.000v	5.07	3.66
171	50	350	0	38.291	.000v	4.64	4.01
172	75	350	0	38.304	.000v	4.86	3.79
173	100	350	0	38.301	.000v	4.79	3.53
174	125	350	0	38.292	.000v	4.87	3.29
175	150	350	0	38.281	.000v	5.08	3.01
176	175	350	0	38.269	.000v	5.12	2.88
177	200	350	0	38.258	.000v	5.03	2.75
178	225	350	0	38.247	.000v	4.97	2.67
179	250	350	0	38.235	.000v	5.14	2.57
180	275	350	0	38.223	.000v	5.03	2.51

181	300	350	0	38.210	.000v	5.20	2.45
182	325	350	0	38.195	.000v	5.29	2.41
183	350	350	0	38.180	.000v	5.47	2.37
184	375	350	0	38.163	.000v	5.48	2.36
185	400	350	0	38.146	.000v	5.67	2.36
186	425	350	0	38.129	.000v	5.45	2.37
187	450	350	0	38.112	.000v	5.65	2.45
188	475	350	0	38.097	.000v	5.67	2.38
189	500	350	0	38.084	.000v	5.71	2.15
	wartosci srednie			38.374	.000	9.97	5.65

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]

tlo stezenia R = 550. [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	150	0	550.4v	.000v	17.v	9.v
2	25	150	0	550.5	.000v	25.	12.
3	50	150	0	550.5	.000v	29.	16.
4	75	150	0	550.6	.000v	31.	19.
5	100	150	0	550.7	.000v	33.	25.
6	125	150	0	550.8	.000v	37.	33.
7	150	150	0	550.9	.000v	40.	35.
8	175	150	0	551.0	.000v	44.	37.
9	200	150	0	551.1	.000v	49.	38.
10	225	150	0	551.2	.000v	54.	40.
11	250	150	0	551.3	.000v	58.	41.
12	275	150	0	551.4	.000v	60.	42.
13	300	150	0	551.5	.000v	64.	43.
14	325	150	0	551.5	.000v	68.	43.
15	350	150	0	551.6	.000v	72.	44.
16	375	150	0	551.6	.000v	76.	45.
17	400	150	0	551.6	.000v	78.	46.
18	425	150	0	551.5	.000v	82.	48.
19	450	150	0	551.4	.000v	85.	49.
20	475	150	0	551.2	.000v	88.	44.
21	500	150	0	551.0	.000v	92.	43.
22	0	175	0	550.5	.000v	19.	10.
23	25	175	0	550.6	.000v	26.	14.
24	50	175	0	550.7	.000v	31.	19.
25	75	175	0	550.8	.000v	33.	23.
26	100	175	0	551.0	.000v	35.	30.
27	125	175	0	551.1	.000v	39.	36.
28	150	175	0	551.3	.000v	46.	40.
29	175	175	0	551.5	.000v	53.	42.
30	200	175	0	551.7	.000v	59.	44.
31	225	175	0	551.9	.000v	68.	45.
32	250	175	0	552.0	.000v	74.	46.
33	275	175	0	552.2	.000v	78.	48.
34	300	175	0	552.3	.000v	82.	51.
35	325	175	0	552.4	.000v	89.	51.
36	350	175	0	552.5	.000v	94.	53.
37	375	175	0	552.6	.000v	100.	53.
38	400	175	0	552.5	.000v	104.	55.
39	425	175	0	552.4	.000v	110.	57.
40	450	175	0	552.1	.000v	119.	59.
41	475	175	0	551.6	.000v	122.	58.
42	500	175	0	551.2	.000v	116.	49.
43	0	200	0	550.6	.000v	22.	12.
44	25	200	0	550.8	.000v	26.	17.
45	50	200	0	550.9	.000v	33.	23.
46	75	200	0	551.1	.000v	35.	29.
47	100	200	0	551.4	.000v	41.	37.
48	125	200	0	551.7	.000v	46.	41.
49	150	200	0	552.1	.000v	57.	45.
50	175	200	0	552.4	.000v	69.	49.
51	200	200	0	552.8	.000v	80.	51.
52	225	200	0	553.1	.000v	93.	51.
53	250	200	0	553.4	.000v	101.	53.
54	275	200	0	553.7	.000v	108.	54.
55	300	200	0	554.0	.000v	118.	59.
56	325	200	0	554.2	.000v	127.	63.
57	350	200	0	554.3	.000v	140.	68.

58	375	200	0	554.4	.000v	151.	73.
59	400	200	0	554.3	.000v	159.	76.
60	425	200	0	553.9	.000v	163.	76.
61	450	200	0	553.2	.000v	168.^	74.
62	475	200	0	552.1	.000v	156.	65.
63	500	200	0	551.4	.000v	131.	49.
64	0	225	0	550.8	.000v	27.	15.
65	25	225	0	551.0	.000v	30.	20.
66	50	225	0	551.3	.000v	34.	28.
67	75	225	0	551.7	.000v	39.	37.
68	100	225	0	552.2	.000v	47.	41.
69	125	225	0	552.9	.000v	62.	50.
70	150	225	0	553.5	.000v	76.	57.
71	175	225	0	554.2	.000v	96.	63.
72	200	225	0	554.7	.000v	114.	68.
73	225	225	0	555.1	.000v	137.	72.
74	250	225	0	555.6	.000v	150.	77.
75	275	225	0	556.0	.000v	158.	78.^
76	300	225	0	556.1	.000v	159.	75.
77	325	225	0	556.1	.000v	156.	74.
78	350	225	0	556.2	.000v	152.	71.
79	375	225	0	556.0	.000v	146.	69.
80	400	225	0	555.4	.000v	140.	67.
81	425	225	0	554.3	.000v	137.	67.
82	450	225	0	553.1	.000v	136.	67.
83	475	225	0	552.0	.000v	130.	57.
84	500	225	0	551.4	.000v	114.	46.
85	0	250	0	551.0	.000v	34.	20.
86	25	250	0	551.4	.000v	40.	25.
87	50	250	0	552.0	.000v	47.	34.
88	75	250	0	552.8	.000v	55.	42.
89	100	250	0	553.8	.000v	72.	53.
90	125	250	0	554.8	.000v	81.	64.
91	150	250	0	555.7	.000v	102.	68.
92	175	250	0	556.5	.000v	117.	68.
93	200	250	0	556.7^	.000v	127.	69.
94	225	250	0	556.7	.000v	119.	62.
95	250	250	0	556.6	.000v	108.	60.
96	275	250	0	556.3	.000v	98.	58.
97	300	250	0	556.0	.000v	98.	55.
98	325	250	0	555.7	.000v	101.	53.
99	350	250	0	555.2	.000v	103.	53.
100	375	250	0	554.7	.000v	101.	50.
101	400	250	0	554.0	.000v	101.	49.
102	425	250	0	553.1	.000v	96.	47.
103	450	250	0	552.2	.000v	92.	45.
104	475	250	0	551.6	.000v	88.	41.
105	500	250	0	551.2	.000v	86.	38.
106	0	275	0	551.4	.000v	45.	28.
107	25	275	0	552.1	.000v	55.	37.
108	50	275	0	553.2	.000v	73.	47.
109	75	275	0	554.6	.000v	85.	56.
110	100	275	0	555.7	.000v	80.	54.
111	125	275	0	556.3	.000v	85.	65.
112	150	275	0	556.3	.000v	89.	56.
113	175	275	0	555.8	.000v	75.	51.
114	200	275	0	555.3	.000v	66.	48.
115	225	275	0	555.0	.000v	68.	44.
116	250	275	0	554.6	.000v	69.	39.
117	275	275	0	554.3	.000v	68.	37.
118	300	275	0	554.0	.000v	67.	37.
119	325	275	0	553.7	.000v	67.	35.
120	350	275	0	553.3	.000v	67.	34.
121	375	275	0	552.9	.000v	69.	34.
122	400	275	0	552.5	.000v	68.	34.
123	425	275	0	552.0	.000v	69.	34.
124	450	275	0	551.6	.000v	68.	33.
125	475	275	0	551.2	.000v	68.	32.
126	500	275	0	551.0	.000v	66.	29.
127	0	300	0	551.7	.000v	58.	34.
128	25	300	0	552.8	.000v	79.	52.
129	50	300	0	554.1	.000v	73.	52.
130	75	300	0	555.0	.000v	62.	45.
131	100	300	0	555.1	.000v	55.	46.
132	125	300	0	554.7	.000v	50.	41.
133	150	300	0	554.1	.000v	50.	36.
134	175	300	0	553.8	.000v	53.	34.

135	200	300	0	553.5	.000v	51.	32.
136	225	300	0	553.3	.000v	49.	30.
137	250	300	0	553.0	.000v	48.	28.
138	275	300	0	552.8	.000v	50.	26.
139	300	300	0	552.7	.000v	52.	26.
140	325	300	0	552.5	.000v	53.	25.
141	350	300	0	552.2	.000v	52.	25.
142	375	300	0	552.0	.000v	52.	25.
143	400	300	0	551.7	.000v	53.	26.
144	425	300	0	551.4	.000v	54.	25.
145	450	300	0	551.2	.000v	54.	25.
146	475	300	0	551.0	.000v	54.	24.
147	500	300	0	550.8	.000v	54.	23.
148	0	325	0	551.7	.000v	49.	29.
149	25	325	0	552.5	.000v	54.	37.
150	50	325	0	553.2	.000v	47.	39.
151	75	325	0	553.3	.000v	40.	36.
152	100	325	0	553.1	.000v	40.	32.
153	125	325	0	552.9	.000v	40.	29.
154	150	325	0	552.7	.000v	39.	26.
155	175	325	0	552.6	.000v	40.	25.
156	200	325	0	552.4	.000v	40.	24.
157	225	325	0	552.3	.000v	41.	23.
158	250	325	0	552.2	.000v	40.	22.
159	275	325	0	552.0	.000v	41.	21.
160	300	325	0	551.9	.000v	43.	20.
161	325	325	0	551.8	.000v	43.	20.
162	350	325	0	551.6	.000v	43.	20.
163	375	325	0	551.5	.000v	45.	20.
164	400	325	0	551.3	.000v	45.	20.
165	425	325	0	551.1	.000v	45.	20.
166	450	325	0	550.9	.000v	45.	19.
167	475	325	0	550.8	.000v	46.	19.
168	500	325	0	550.7	.000v	46.	19.
169	0	350	0	551.4	.000v	35.	21.
170	25	350	0	551.8	.000v	35.	25.
171	50	350	0	552.0	.000v	32.	28.
172	75	350	0	552.1	.000v	34.	26.
173	100	350	0	552.1	.000v	33.	25.
174	125	350	0	552.0	.000v	34.	23.
175	150	350	0	552.0	.000v	35.	21.
176	175	350	0	551.9	.000v	36.	20.
177	200	350	0	551.8	.000v	35.	19.
178	225	350	0	551.7	.000v	35.	19.
179	250	350	0	551.6	.000v	36.	18.
180	275	350	0	551.6	.000v	35.	17.
181	300	350	0	551.5	.000v	36.	17.
182	325	350	0	551.4	.000v	37.	17.
183	350	350	0	551.3	.000v	38.	17.
184	375	350	0	551.1	.000v	38.	16.
185	400	350	0	551.0	.000v	39.	16.
186	425	350	0	550.9	.000v	38.	17.
187	450	350	0	550.8	.000v	39.	17.
188	475	350	0	550.7	.000v	39.	17.
189	500	350	0	550.6	.000v	40.	15.
wartosci srednie				552.6	.000	69.	39.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]

tlo stezenia R = 2.200 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	0	150	0	2.2003v	.000v	.011v	.006v
2	25	150	0	2.2003	.000v	.016	.008
3	50	150	0	2.2004	.000v	.019	.010
4	75	150	0	2.2004	.000v	.020	.012
5	100	150	0	2.2005	.000v	.021	.016
6	125	150	0	2.2005	.000v	.024	.022
7	150	150	0	2.2006	.000v	.026	.023
8	175	150	0	2.2007	.000v	.028	.024
9	200	150	0	2.2007	.000v	.032	.024
10	225	150	0	2.2008	.000v	.035	.026
11	250	150	0	2.2009	.000v	.038	.026

12	275	150	0	2.2009	.000v	.039	.027
13	300	150	0	2.2010	.000v	.042	.028
14	325	150	0	2.2010	.000v	.044	.028
15	350	150	0	2.2010	.000v	.047	.029
16	375	150	0	2.2010	.000v	.049	.030
17	400	150	0	2.2010	.000v	.050	.030
18	425	150	0	2.2010	.000v	.053	.031
19	450	150	0	2.2009	.000v	.055	.032
20	475	150	0	2.2008	.000v	.057	.028
21	500	150	0	2.2006	.000v	.059	.028
22	0	175	0	2.2003	.000v	.012	.007
23	25	175	0	2.2004	.000v	.017	.009
24	50	175	0	2.2005	.000v	.020	.012
25	75	175	0	2.2005	.000v	.022	.015
26	100	175	0	2.2006	.000v	.023	.020
27	125	175	0	2.2007	.000v	.025	.024
28	150	175	0	2.2009	.000v	.030	.026
29	175	175	0	2.2010	.000v	.034	.027
30	200	175	0	2.2011	.000v	.039	.029
31	225	175	0	2.2012	.000v	.044	.029
32	250	175	0	2.2013	.000v	.048	.030
33	275	175	0	2.2014	.000v	.050	.031
34	300	175	0	2.2015	.000v	.053	.033
35	325	175	0	2.2016	.000v	.058	.033
36	350	175	0	2.2016	.000v	.061	.035
37	375	175	0	2.2017	.000v	.065	.034
38	400	175	0	2.2017	.000v	.068	.035
39	425	175	0	2.2016	.000v	.072	.037
40	450	175	0	2.2014	.000v	.077	.038
41	475	175	0	2.2011	.000v	.079	.038
42	500	175	0	2.2008	.000v	.075	.032
43	0	200	0	2.2004	.000v	.015	.008
44	25	200	0	2.2005	.000v	.017	.011
45	50	200	0	2.2006	.000v	.021	.015
46	75	200	0	2.2007	.000v	.023	.019
47	100	200	0	2.2009	.000v	.026	.024
48	125	200	0	2.2011	.000v	.030	.026
49	150	200	0	2.2013	.000v	.037	.029
50	175	200	0	2.2016	.000v	.045	.032
51	200	200	0	2.2018	.000v	.052	.033
52	225	200	0	2.2020	.000v	.061	.033
53	250	200	0	2.2022	.000v	.065	.035
54	275	200	0	2.2024	.000v	.070	.035
55	300	200	0	2.2026	.000v	.077	.038
56	325	200	0	2.2027	.000v	.083	.041
57	350	200	0	2.2028	.000v	.091	.044
58	375	200	0	2.2029	.000v	.098	.048
59	400	200	0	2.2028	.000v	.103	.050
60	425	200	0	2.2025	.000v	.106	.049
61	450	200	0	2.2021	.000v	.109^	.048
62	475	200	0	2.2014	.000v	.101	.042
63	500	200	0	2.2009	.000v	.085	.032
64	0	225	0	2.2005	.000v	.017	.010
65	25	225	0	2.2007	.000v	.020	.013
66	50	225	0	2.2009	.000v	.022	.018
67	75	225	0	2.2011	.000v	.025	.024
68	100	225	0	2.2014	.000v	.031	.027
69	125	225	0	2.2019	.000v	.040	.032
70	150	225	0	2.2023	.000v	.050	.037
71	175	225	0	2.2027	.000v	.062	.041
72	200	225	0	2.2031	.000v	.074	.044
73	225	225	0	2.2033	.000v	.089	.047
74	250	225	0	2.2036	.000v	.097	.050
75	275	225	0	2.2039	.000v	.103	.051^
76	300	225	0	2.2039	.000v	.103	.049
77	325	225	0	2.2039	.000v	.102	.048
78	350	225	0	2.2040	.000v	.098	.046
79	375	225	0	2.2039	.000v	.095	.045
80	400	225	0	2.2035	.000v	.091	.043
81	425	225	0	2.2028	.000v	.089	.044
82	450	225	0	2.2020	.000v	.089	.043
83	475	225	0	2.2013	.000v	.084	.037
84	500	225	0	2.2009	.000v	.074	.030
85	0	250	0	2.2007	.000v	.022	.013
86	25	250	0	2.2009	.000v	.026	.016
87	50	250	0	2.2013	.000v	.030	.022
88	75	250	0	2.2018	.000v	.036	.027

89	100	250	0	2.2025	.000v	.046	.034
90	125	250	0	2.2031	.000v	.053	.042
91	150	250	0	2.2037	.000v	.066	.044
92	175	250	0	2.2042	.000v	.076	.044
93	200	250	0	2.2044^	.000v	.083	.045
94	225	250	0	2.2043	.000v	.077	.040
95	250	250	0	2.2043	.000v	.070	.039
96	275	250	0	2.2041	.000v	.064	.038
97	300	250	0	2.2039	.000v	.063	.036
98	325	250	0	2.2037	.000v	.066	.034
99	350	250	0	2.2034	.000v	.067	.035
100	375	250	0	2.2030	.000v	.066	.033
101	400	250	0	2.2026	.000v	.066	.032
102	425	250	0	2.2020	.000v	.062	.030
103	450	250	0	2.2014	.000v	.060	.029
104	475	250	0	2.2010	.000v	.057	.027
105	500	250	0	2.2008	.000v	.056	.024
106	0	275	0	2.2009	.000v	.029	.018
107	25	275	0	2.2013	.000v	.036	.024
108	50	275	0	2.2021	.000v	.048	.031
109	75	275	0	2.2030	.000v	.055	.036
110	100	275	0	2.2037	.000v	.052	.035
111	125	275	0	2.2041	.000v	.055	.042
112	150	275	0	2.2041	.000v	.058	.036
113	175	275	0	2.2038	.000v	.049	.033
114	200	275	0	2.2035	.000v	.043	.031
115	225	275	0	2.2032	.000v	.044	.028
116	250	275	0	2.2030	.000v	.045	.025
117	275	275	0	2.2028	.000v	.044	.024
118	300	275	0	2.2026	.000v	.043	.024
119	325	275	0	2.2024	.000v	.044	.023
120	350	275	0	2.2022	.000v	.043	.022
121	375	275	0	2.2019	.000v	.045	.022
122	400	275	0	2.2016	.000v	.044	.022
123	425	275	0	2.2013	.000v	.045	.022
124	450	275	0	2.2010	.000v	.044	.022
125	475	275	0	2.2008	.000v	.044	.020
126	500	275	0	2.2006	.000v	.043	.019
127	0	300	0	2.2011	.000v	.038	.022
128	25	300	0	2.2018	.000v	.051	.034
129	50	300	0	2.2027	.000v	.047	.034
130	75	300	0	2.2032	.000v	.041	.029
131	100	300	0	2.2033	.000v	.036	.030
132	125	300	0	2.2030	.000v	.032	.027
133	150	300	0	2.2027	.000v	.033	.024
134	175	300	0	2.2024	.000v	.034	.022
135	200	300	0	2.2023	.000v	.033	.021
136	225	300	0	2.2021	.000v	.032	.019
137	250	300	0	2.2020	.000v	.031	.018
138	275	300	0	2.2018	.000v	.033	.017
139	300	300	0	2.2017	.000v	.034	.017
140	325	300	0	2.2016	.000v	.035	.017
141	350	300	0	2.2015	.000v	.034	.016
142	375	300	0	2.2013	.000v	.034	.016
143	400	300	0	2.2011	.000v	.035	.017
144	425	300	0	2.2009	.000v	.035	.016
145	450	300	0	2.2008	.000v	.035	.016
146	475	300	0	2.2006	.000v	.035	.016
147	500	300	0	2.2005	.000v	.035	.015
148	0	325	0	2.2011	.000v	.032	.019
149	25	325	0	2.2016	.000v	.035	.024
150	50	325	0	2.2020	.000v	.031	.026
151	75	325	0	2.2021	.000v	.026	.023
152	100	325	0	2.2020	.000v	.026	.021
153	125	325	0	2.2019	.000v	.026	.019
154	150	325	0	2.2018	.000v	.026	.017
155	175	325	0	2.2017	.000v	.026	.016
156	200	325	0	2.2016	.000v	.026	.015
157	225	325	0	2.2015	.000v	.026	.015
158	250	325	0	2.2014	.000v	.026	.014
159	275	325	0	2.2013	.000v	.026	.014
160	300	325	0	2.2012	.000v	.028	.013
161	325	325	0	2.2012	.000v	.028	.013
162	350	325	0	2.2011	.000v	.028	.013
163	375	325	0	2.2010	.000v	.029	.013
164	400	325	0	2.2008	.000v	.029	.013
165	425	325	0	2.2007	.000v	.029	.013

166	450	325	0	2.2006	.000v	.029	.013
167	475	325	0	2.2005	.000v	.030	.013
168	500	325	0	2.2004	.000v	.030	.012
169	0	350	0	2.2009	.000v	.023	.014
170	25	350	0	2.2011	.000v	.023	.017
171	50	350	0	2.2013	.000v	.021	.018
172	75	350	0	2.2014	.000v	.022	.017
173	100	350	0	2.2014	.000v	.022	.016
174	125	350	0	2.2013	.000v	.022	.015
175	150	350	0	2.2013	.000v	.023	.014
176	175	350	0	2.2012	.000v	.023	.013
177	200	350	0	2.2012	.000v	.023	.012
178	225	350	0	2.2011	.000v	.022	.012
179	250	350	0	2.2011	.000v	.023	.012
180	275	350	0	2.2010	.000v	.023	.011
181	300	350	0	2.2009	.000v	.023	.011
182	325	350	0	2.2009	.000v	.024	.011
183	350	350	0	2.2008	.000v	.025	.011
184	375	350	0	2.2007	.000v	.025	.011
185	400	350	0	2.2007	.000v	.026	.011
186	425	350	0	2.2006	.000v	.025	.011
187	450	350	0	2.2005	.000v	.026	.011
188	475	350	0	2.2004	.000v	.026	.011
189	500	350	0	2.2004	.000v	.026	.010
wartosci srednie				2.2017	.000	.045	.026

Wyniki obliczen w wezlach swobodnych

ZANIECZYSZCZENIE NR 1 - Ditlenek azotu NO2

dopuszczalne D1 = 200.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 28.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	165	230	0	33.464	.000v	117.31	81.66
2	165	230	1	33.516	.000v	117.77	82.34
3	165	230	2	33.664	.000v	119.02	84.22
4	165	230	3	33.882	.000v	120.75	86.97
5	165	230	4	34.127	.000v	122.42	89.49
6	165	230	5	34.341	.000v	123.35	91.54
7	165	230	6	34.456	.000v	122.88	92.27
8	165	230	7	34.418	.000v	120.46	91.02
9	165	230	8	34.203	.000v	115.89	87.55
10	165	230	9	33.829	.000v	109.30	82.31
11	165	230	10	33.346v	.000v	101.14	76.52v
12	126	277	0	35.627	.000v	94.91v	79.81
13	126	277	1	35.768	.000v	97.69	81.32
14	126	277	2	36.169	.000v	105.69	83.81
15	126	277	3	36.768	.000v	118.40	89.14
16	126	277	4	37.458	.000v	133.78	92.78
17	126	277	5	38.089	.000v	148.43	96.77
18	126	277	6	38.496	.000v	158.43	98.47
19	126	277	7	38.539^	.000v	160.95^	99.03^
20	126	277	8	38.157	.000v	154.92	95.65
21	126	277	9	37.401	.000v	141.13	90.00
22	126	277	10	36.399	.000v	121.95	82.72
wartosci srednie				35.551	.000	123.93	87.97

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]
tlo stezenia R = 14.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	165	230	0	14.057	.000v	1.21	.74
2	165	230	1	14.057	.000v	1.22	.74
3	165	230	2	14.059	.000v	1.23	.76
4	165	230	3	14.061	.000v	1.25	.79
5	165	230	4	14.063	.000v	1.27	.82
6	165	230	5	14.066	.000v	1.28	.84
7	165	230	6	14.067	.000v	1.27	.86

8	165	230	7	14.066	.000v	1.25	.85
9	165	230	8	14.064	.000v	1.20	.82
10	165	230	9	14.060	.000v	1.13	.77
11	165	230	10	14.055v	.000v	1.05	.70v
12	126	277	0	14.079	.000v	.98v	.72
13	126	277	1	14.080	.000v	1.01	.73
14	126	277	2	14.084	.000v	1.09	.78
15	126	277	3	14.091	.000v	1.22	.83
16	126	277	4	14.098	.000v	1.38	.90
17	126	277	5	14.104	.000v	1.54	.97
18	126	277	6	14.109	.000v	1.64	1.01
19	126	277	7	14.109^	.000v	1.66^	1.01^
20	126	277	8	14.105	.000v	1.60	.98
21	126	277	9	14.097	.000v	1.46	.90
22	126	277	10	14.087	.000v	1.26	.81
wartosci srednie				14.078	.000	1.28	.83

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 38.00 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	165	230	0	38.636v	.000v	13.66	9.51
2	165	230	1	38.726	.000v	15.42	10.90
3	165	230	2	38.826	.000v	17.23	12.35
4	165	230	3	38.933	.000v	19.02	14.03
5	165	230	4	39.039	.000v	20.67	15.43
6	165	230	5	39.130	.000v	22.00	16.73
7	165	230	6	39.193	.000v	22.88	17.46
8	165	230	7	39.216	.000v	23.19	17.72
9	165	230	8	39.193	.000v	22.88	17.46
10	165	230	9	39.130	.000v	22.00	16.73
11	165	230	10	39.039	.000v	20.67	15.43
12	126	277	0	38.888	.000v	11.05v	9.29v
13	126	277	1	39.059	.000v	14.23	10.71
14	126	277	2	39.263	.000v	18.28	12.19
15	126	277	3	39.491	.000v	22.98	14.18
16	126	277	4	39.723	.000v	27.84	16.55
17	126	277	5	39.929	.000v	32.16	18.61
18	126	277	6	40.074 *	.000v	35.18	20.05
19	126	277	7	40.126^*	.000v	36.26^	20.51^
20	126	277	8	40.074 *	.000v	35.18	20.05
21	126	277	9	39.929	.000v	32.16	18.61
22	126	277	10	39.723	.000v	27.84	16.55
wartosci srednie				39.334	.000	23.31	15.50

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]
tlo stezenia R = 550. [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	165	230	0	554.4v	.000v	95.	66.
2	165	230	1	555.0	.000v	107.	76.
3	165	230	2	555.7	.000v	120.	86.
4	165	230	3	556.5	.000v	132.	98.
5	165	230	4	557.2	.000v	144.	107.
6	165	230	5	557.9	.000v	153.	116.
7	165	230	6	558.3	.000v	159.	122.
8	165	230	7	558.5	.000v	161.	123.
9	165	230	8	558.3	.000v	159.	122.
10	165	230	9	557.9	.000v	153.	116.
11	165	230	10	557.2	.000v	144.	107.
12	126	277	0	556.2	.000v	77.v	65.v
13	126	277	1	557.4	.000v	99.	75.
14	126	277	2	558.8	.000v	127.	85.
15	126	277	3	560.4	.000v	160.	99.
16	126	277	4	562.0	.000v	194.	115.
17	126	277	5	563.4	.000v	224.	129.
18	126	277	6	564.4	.000v	245.	140.

19	126	277	7	564.8^	.000v	252.^	143.^
20	126	277	8	564.4	.000v	245.	140.
21	126	277	9	563.4	.000v	224.	129.
22	126	277	10	562.0	.000v	194.	115.
wartosci srednie				559.3	.000	162.	108.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.200 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	165	230	0	2.2029	.000v	.062	.043
2	165	230	1	2.2029	.000v	.062	.043
3	165	230	2	2.2030	.000v	.063	.044
4	165	230	3	2.2031	.000v	.064	.046
5	165	230	4	2.2032	.000v	.064	.047
6	165	230	5	2.2033	.000v	.065	.048
7	165	230	6	2.2034	.000v	.065	.049
8	165	230	7	2.2034	.000v	.063	.048
9	165	230	8	2.2033	.000v	.061	.046
10	165	230	9	2.2031	.000v	.057	.043
11	165	230	10	2.2028v	.000v	.053	.040v
12	126	277	0	2.2040	.000v	.050v	.042
13	126	277	1	2.2041	.000v	.051	.043
14	126	277	2	2.2043	.000v	.056	.044
15	126	277	3	2.2046	.000v	.062	.047
16	126	277	4	2.2050	.000v	.070	.049
17	126	277	5	2.2053	.000v	.078	.051
18	126	277	6	2.2055	.000v	.083	.052
19	126	277	7	2.2055^	.000v	.085^	.052^
20	126	277	8	2.2053	.000v	.081	.050
21	126	277	9	2.2049	.000v	.074	.047
22	126	277	10	2.2044	.000v	.064	.044
wartosci srednie				2.2040	.000	.065	.046

* - przekroczenie wartosci dopuszczalnej
^ - wartosc maksymalna
v - wartosc minimalna

```
 Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
  wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

     @@@@@@@@@@   WERSJA 6.01   @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
            @@                          @@
          @@  @@@@   @   @@   @@@@   @@  **EKO-KOM**  tel. 602 48 99 66
        @@  @@  @@  @@  @@  @@  @@  @@              fax. 22 842 06 54
       @@   @@  @@  @@@ @@  @@  @@  @@  Andrzej Biernacki 22 784 42 19
      @@    @@  @@  @@@@@@  @@  @@  @@  Marcin Jozwiak    22 847 73 00
     @@     @@@@@@  @@ @@@  @@@@@@  @@  Jan Szymczyk      22 651 88 26
    @@      @@  @@  @@  @@  @@  @@  @@
    @@@@@@@@@@  @@  @@   @  @@  @@  @@  jan.szymczyk@sadyba.elartnet.pl


                R a p o r t  /  d i a g n o s t y k a
              w p r o w a d z o n y c h   d a n y c h


 nazwa uzytkownika :  Autorski
 numer licencji    : MJ/00/03

 data obliczen : 2008-02-27
================================================================================
 IDENTYFIKATOR :
  KONBRO

================================================================================
 TYTUL :
Metro Warszawskie. 2 linia. Targowek. Etap realizacji (budowa).
Prognoza. Wariant II. Tunele i stacje metoda odkrywkowa
Odcinek koncowy "KONDRATOWICZA"-"BRODNO"
================================================================================
 SIATKA OBLICZENIOWA :
  - rzedna punktow   z [m] =        .0
  - wsp. poczatku   x0 [m] =     -25.0
                    y0 [m] =     -50.0
  - krok siatki     dx [m] =      25.0
                    dy [m] =      25.0
  - liczba wezlow   lx =    79
                    ly =    18

================================================================================
 WEZLY SWOBODNE :
       (UWAGA !!! - ujemna wartosc ZS oznacza wysokosc budynku)
    numer  |       wspolrzedne wezla
    wezla  |  x [m]  |  y [m]  | zs [m]
-------------------------------------------
       1   |    1725 |      14 |     -10
       2   |     165 |     230 |     -10
       3   |     126 |     277 |     -10

================================================================================
 DANE PODSTAWOWE :
  - dokladnosc obliczen               EPS =  .050000
  - liczba zanieczyszczen            LZAN =   5
  - liczba zanieczyszczen pylowych   LZAP =   0
  - liczba sezonow                   LSEZ =   2
  - liczba podokresow emisji          LOE =   3
  - maksymalny numer emitora         MNEM =   3
  - liczba emitorow punktowych       LKOM =   0
  - liczba emitorow powierzchniowych LPOW =   3
  - liczba emitorow liniowych        LLIN =   0

================================================================================
 DANE METEOROLOGICZNE W SEZONACH :
sezon|  nazwa    |wgledny udzial|temperatura| wysokosc |   nazwa
 nr  |  sezonu   |   w roku     | otoczenia |anemometru| zbioru rozy
--------------------------------------------------------------------------------
  1  | dzi       |     .500     |  281.0 [K]|  14.0 [m]| warszawa.dzi
  2  | noc       |     .500     |  281.0 [K]|  14.0 [m]| warszawa.noc

================================================================================
DANE ZANIECZYSZCZEN :
  numer | typ | czestosc |  nazwa zanieczyszczenia
 ----------------------------------------
    1   | gaz |     .20  | Ditlenek azotu NO2
    2   | gaz |     .27  | Ditlenek siarki SO2
```

```
    3   | pyl |     .20  | Pyl zawiezony PM10
    4   | gaz |     .20  | Tlenek wegla CO
    5   | gaz |     .20  | Benzen

================================================================================
 DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :
  ------------------------------------------------------------------------------
 zanieczyszczenie nr 1  [ug/m3] - Ditlenek azotu NO2
  d1 =   200.00| da =   40.000| tlo =   28.000
  ------------------------------------------------------------------------------
 zanieczyszczenie nr 2  [ug/m3] - Ditlenek siarki SO2
  d1 =   350.00| da =   30.000| tlo =   14.000
  ------------------------------------------------------------------------------
 zanieczyszczenie nr 3  [ug/m3] - Pyl zawiezony PM10
  d1 =   280.00| da =   40.000| tlo =   38.000
  ------------------------------------------------------------------------------
 zanieczyszczenie nr 4  [ug/m3] - Tlenek wegla CO
  d1 =   30000.| da =   5000.0| tlo =   550.00
  ------------------------------------------------------------------------------
 zanieczyszczenie nr 5  [ug/m3] - Benzen
  d1 =   30.000| da =   5.0000| tlo =   2.2000

================================================================================
DANE PODOKRESOW EMISJI :
     numer    |    numer   | udzial podokresu
   podokresu  |    sezonu  |     w sezonie
  ------------------------------------------------------------
        1     |      1     |      1.0000
        2     |      2     |       .3333
        3     |      2     |       .6667

================================================================================
 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  2.000

================================================================================
  DANE EMITOROW :
================================================================================
 EMITOR NR   1 - POWIERZCHNIOWY "Wykop stacja "Brodno"                    "
 ------------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba     |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
     7.0    |        2       |     10       |  20.0
 ------------------------------------------------------------------------------
               wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|      36.0     310.0 |     144.0     268.0 |     172.0     259.0 |
|     200.0     253.0 |     440.0     220.0 |     437.0     197.0 |
|     200.0     229.0 |     165.0     236.0 |     125.0     250.0 |
|      27.0     293.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 ------------------------------------------------------------------------------
 NUMER OKRESU  1 | sezon  1 i 2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        1   2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|   .83390| .0089130|   .20110|   1.3974|.00045200
 ------------------------------------------------------------------------------
 NUMER OKRESU  2 | sezon  2
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        3
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      e m i s j a   z a n i e c z y s z c z e n   g a z o w y c h
  nr zaniecz. |      1  |      2  |      3  |      4  |      5  |
 emisja [kg/h]|       .0|       .0|       .0|       .0|       .0
================================================================================
 EMITOR NR   2 - POWIERZCHNIOWY "Tunel mdzy st. "Brodno" i "Kondratowicz "
 ------------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba     |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
     7.0    |        2       |      8       |  20.0
 ------------------------------------------------------------------------------
```

wspolrzedne wierzcholkow emitora :

xp[m]	yp[m]	xp[m]	yp[m]	xp[m]	yp[m]
440.0	218.0	925.0	155.0	1400.0	94.0
1722.0	66.0	1721.0	48.0	1400.0	74.0
925.0	136.0	437.0	200.0		

d a n e w o k r e s a c h e m i s j i :

NUMER OKRESU 1 | sezon 1 i 2

n u m e r y p o d o k r e s o w e m i s j i
1 2

e m i s j a z a n i e c z y s z c z e n g a z o w y c h

nr zaniecz.	1	2	3	4	5
emisja [kg/h]	2.5513	.027268	.61526	4.2753	.0013830

NUMER OKRESU 2 | sezon 2

n u m e r y p o d o k r e s o w e m i s j i
3

e m i s j a z a n i e c z y s z c z e n g a z o w y c h

nr zaniecz.	1	2	3	4	5
emisja [kg/h]	.0	.0	.0	.0	.0

EMITOR NR 3 - POWIERZCHNIOWY "Wykop pod stacje "Kondratowicza" "

wysokosc hp[m]	liczba okresow emisji	liczba wierzcholkow	modul podzialu [m]
7.0	2	4	20.0

wspolrzedne wierzcholkow emitora :

xp[m]	yp[m]	xp[m]	yp[m]	xp[m]	yp[m]
1722.0	69.0	1882.0	58.0	1880.0	34.0
1721.0	45.0				

d a n e w o k r e s a c h e m i s j i :

NUMER OKRESU 1 | sezon 1 i 2

n u m e r y p o d o k r e s o w e m i s j i
1 2

e m i s j a z a n i e c z y s z c z e n g a z o w y c h

nr zaniecz.	1	2	3	4	5
emisja [kg/h]	.31767	.0033950	.076608	.53233	.00017200

NUMER OKRESU 2 | sezon 2

n u m e r y p o d o k r e s o w e m i s j i
3

e m i s j a z a n i e c z y s z c z e n g a z o w y c h

nr zaniecz.	1	2	3	4	5
emisja [kg/h]	.0	.0	.0	.0	.0

SUMA EMISJI W PODOKRESACH [kg/h]

numery podokresow	numery zanieczyszczen 1	2	3	4	5
1	3.7029	.039576	.89296	6.2050	.0020070
2	3.7029	.039576	.89296	6.2050	.0020070
3	.0	.0	.0	.0	.0

Modelowanie poziomow substancji w powietrzu zgodnie z metodyka referencyjna
wg Rozporzadzenia Ministra Srodowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

@@@@@@@@@@ WERSJA 6.01 @@@@@@@@@@@

42	1000	-50	0	29.159	.000v	51.63	37.25
43	1025	-50	0	29.178	.000v	52.51	39.34
44	1050	-50	0	29.204	.000v	51.83	39.50
45	1075	-50	0	29.231	.000v	53.89	39.20
46	1100	-50	0	29.261	.000v	54.97	40.15
47	1125	-50	0	29.286	.000v	55.15	42.09
48	1150	-50	0	29.315	.000v	55.68	42.25
49	1175	-50	0	29.347	.000v	57.26	41.22
50	1200	-50	0	29.378	.000v	58.18	42.70
51	1225	-50	0	29.400	.000v	58.92	44.03
52	1250	-50	0	29.422	.000v	60.25	44.17
53	1275	-50	0	29.450	.000v	60.79	44.06
54	1300	-50	0	29.477	.000v	62.86	44.93
55	1325	-50	0	29.506	.000v	64.05	45.38
56	1350	-50	0	29.525	.000v	64.29	46.36
57	1375	-50	0	29.554	.000v	65.75	46.74
58	1400	-50	0	29.573	.000v	68.18	47.33
59	1425	-50	0	29.600	.000v	68.62	46.70
60	1450	-50	0	29.621	.000v	70.65	47.00
61	1475	-50	0	29.643	.000v	72.98	47.81
62	1500	-50	0	29.655	.000v	73.47	48.48
63	1525	-50	0	29.670	.000v	74.40	48.14
64	1550	-50	0	29.686	.000v	76.97	48.38
65	1575	-50	0	29.698	.000v	79.52	49.06
66	1600	-50	0	29.707	.000v	80.12	50.07
67	1625	-50	0	29.705	.000v	80.10	49.90
68	1650	-50	0	29.709	.000v	81.05	49.82
69	1675	-50	0	29.710	.000v	83.91	50.24
70	1700	-50	0	29.707	.000v	83.99	50.94
71	1725	-50	0	29.694	.000v	83.39	50.57
72	1750	-50	0	29.677	.000v	82.65	50.92
73	1775	-50	0	29.657	.000v	85.60	50.67
74	1800	-50	0	29.624	.000v	86.01	51.99
75	1825	-50	0	29.578	.000v	85.79	52.00
76	1850	-50	0	29.509	.000v	84.72	53.79
77	1875	-50	0	29.414	.000v	87.45	54.70
78	1900	-50	0	29.302	.000v	88.26	54.37
79	1925	-50	0	29.175	.000v	89.26	50.34
80	-25	-25	0	28.240	.000v	20.43	6.71v
81	0	-25	0	28.260	.000v	24.82	9.21
82	25	-25	0	28.284	.000v	27.42	11.26
83	50	-25	0	28.307	.000v	28.47	12.46
84	75	-25	0	28.330	.000v	30.80	14.45
85	100	-25	0	28.359	.000v	30.11	15.03
86	125	-25	0	28.385	.000v	32.08	17.81
87	150	-25	0	28.414	.000v	32.60	21.27
88	175	-25	0	28.442	.000v	33.20	23.25
89	200	-25	0	28.473	.000v	34.50	30.11
90	225	-25	0	28.502	.000v	34.21	32.07
91	250	-25	0	28.534	.000v	36.47	31.19
92	275	-25	0	28.564	.000v	37.32	32.45
93	300	-25	0	28.593	.000v	37.46	31.92
94	325	-25	0	28.622	.000v	39.38	32.58
95	350	-25	0	28.656	.000v	40.45	33.45
96	375	-25	0	28.687	.000v	40.74	32.51
97	400	-25	0	28.716	.000v	40.88	33.52
98	425	-25	0	28.744	.000v	42.69	33.80
99	450	-25	0	28.777	.000v	44.88	33.79
100	475	-25	0	28.806	.000v	44.54	33.99
101	500	-25	0	28.834	.000v	45.22	33.98
102	525	-25	0	28.863	.000v	46.15	34.05
103	550	-25	0	28.892	.000v	47.40	34.00
104	575	-25	0	28.919	.000v	48.36	35.39
105	600	-25	0	28.948	.000v	49.27	34.56
106	625	-25	0	28.978	.000v	49.33	35.70
107	650	-25	0	29.005	.000v	51.11	35.93
108	675	-25	0	29.029	.000v	52.04	36.37
109	700	-25	0	29.053	.000v	50.92	36.32
110	725	-25	0	29.076	.000v	50.77	35.92
111	750	-25	0	29.094	.000v	50.04	37.30
112	775	-25	0	29.120	.000v	52.12	38.22
113	800	-25	0	29.146	.000v	52.39	38.87
114	825	-25	0	29.166	.000v	51.38	37.54
115	850	-25	0	29.192	.000v	52.11	39.47
116	875	-25	0	29.219	.000v	54.00	39.68
117	900	-25	0	29.249	.000v	54.17	40.69
118	925	-25	0	29.272	.000v	53.59	39.80

119	950	-25	0	29.302	.000v	55.68	41.54
120	975	-25	0	29.330	.000v	56.87	41.62
121	1000	-25	0	29.365	.000v	56.76	41.28
122	1025	-25	0	29.397	.000v	57.94	42.74
123	1050	-25	0	29.433	.000v	59.47	43.74
124	1075	-25	0	29.462	.000v	59.47	45.31
125	1100	-25	0	29.504	.000v	61.46	43.02
126	1125	-25	0	29.541	.000v	62.30	45.34
127	1150	-25	0	29.584	.000v	64.95	45.64
128	1175	-25	0	29.622	.000v	64.37	47.40
129	1200	-25	0	29.660	.000v	66.00	46.84
130	1225	-25	0	29.696	.000v	66.86	48.59
131	1250	-25	0	29.738	.000v	70.05	48.37
132	1275	-25	0	29.776	.000v	70.12	49.37
133	1300	-25	0	29.811	.000v	71.93	49.70
134	1325	-25	0	29.848	.000v	73.03	51.62
135	1350	-25	0	29.893	.000v	75.16	50.84
136	1375	-25	0	29.932	.000v	76.37	51.67
137	1400	-25	0	29.974	.000v	79.02	52.35
138	1425	-25	0	30.003	.000v	80.09	54.15
139	1450	-25	0	30.040	.000v	82.81	53.65
140	1475	-25	0	30.075	.000v	85.30	54.46
141	1500	-25	0	30.113	.000v	85.77	55.51
142	1525	-25	0	30.136	.000v	89.26	56.31
143	1550	-25	0	30.155	.000v	91.09	56.66
144	1575	-25	0	30.181	.000v	92.70	56.58
145	1600	-25	0	30.202	.000v	93.83	56.61
146	1625	-25	0	30.220	.000v	97.19	56.69
147	1650	-25	0	30.224	.000v	97.39	57.20
148	1675	-25	0	30.235	.000v	96.91	57.49
149	1700	-25	0	30.243	.000v	98.88	57.57
150	1725	-25	0	30.248	.000v	100.35	56.98
151	1750	-25	0	30.244	.000v	101.19	57.21
152	1775	-25	0	30.227	.000v	99.35	58.52
153	1800	-25	0	30.198	.000v	102.64	59.39
154	1825	-25	0	30.133	.000v	103.54	60.46
155	1850	-25	0	30.042	.000v	105.73	60.86
156	1875	-25	0	29.896	.000v	106.09	61.63
157	1900	-25	0	29.694	.000v	108.16	62.14
158	1925	-25	0	29.469	.000v	109.96	54.28
159	-25	0	0	28.270	.000v	19.92	7.36
160	0	0	0	28.293	.000v	24.72	9.40
161	25	0	0	28.317	.000v	28.42	11.81
162	50	0	0	28.347	.000v	30.01	13.00
163	75	0	0	28.376	.000v	31.28	15.11
164	100	0	0	28.407	.000v	31.80	15.80
165	125	0	0	28.438	.000v	33.40	20.48
166	150	0	0	28.475	.000v	33.36	22.56
167	175	0	0	28.508	.000v	34.60	26.92
168	200	0	0	28.541	.000v	35.60	32.81
169	225	0	0	28.580	.000v	37.15	33.77
170	250	0	0	28.615	.000v	37.92	32.94
171	275	0	0	28.651	.000v	39.44	33.82
172	300	0	0	28.685	.000v	39.72	34.28
173	325	0	0	28.726	.000v	43.05	34.31
174	350	0	0	28.760	.000v	41.83	35.42
175	375	0	0	28.796	.000v	44.18	35.24
176	400	0	0	28.829	.000v	45.27	36.07
177	425	0	0	28.868	.000v	47.44	35.79
178	450	0	0	28.901	.000v	47.15	35.74
179	475	0	0	28.935	.000v	48.84	35.91
180	500	0	0	28.967	.000v	49.76	36.27
181	525	0	0	29.004	.000v	50.48	35.44
182	550	0	0	29.036	.000v	51.61	36.98
183	575	0	0	29.068	.000v	52.86	36.54
184	600	0	0	29.104	.000v	53.61	38.62
185	625	0	0	29.137	.000v	55.34	36.40
186	650	0	0	29.168	.000v	56.14	38.23
187	675	0	0	29.203	.000v	55.63	38.56
188	700	0	0	29.232	.000v	56.33	39.93
189	725	0	0	29.258	.000v	57.03	38.67
190	750	0	0	29.287	.000v	57.80	39.77
191	775	0	0	29.321	.000v	56.55	41.20
192	800	0	0	29.352	.000v	57.52	41.43
193	825	0	0	29.383	.000v	58.65	41.16
194	850	0	0	29.411	.000v	58.52	42.04
195	875	0	0	29.448	.000v	59.90	42.97

196	900	0	0	29.484	.000v	60.45	43.90
197	925	0	0	29.522	.000v	61.74	43.36
198	950	0	0	29.557	.000v	61.14	44.73
199	975	0	0	29.601	.000v	63.90	45.26
200	1000	0	0	29.644	.000v	64.38	46.52
201	1025	0	0	29.686	.000v	66.48	46.91
202	1050	0	0	29.731	.000v	67.24	46.38
203	1075	0	0	29.786	.000v	69.59	47.61
204	1100	0	0	29.835	.000v	70.03	48.28
205	1125	0	0	29.886	.000v	71.72	48.61
206	1150	0	0	29.943	.000v	73.94	48.88
207	1175	0	0	30.005	.000v	76.08	51.10
208	1200	0	0	30.052	.000v	76.72	51.16
209	1225	0	0	30.116	.000v	78.03	52.31
210	1250	0	0	30.174	.000v	79.85	53.73
211	1275	0	0	30.234	.000v	83.47	54.16
212	1300	0	0	30.299	.000v	86.17	54.55
213	1325	0	0	30.366	.000v	86.09	57.31
214	1350	0	0	30.429	.000v	88.38	57.54
215	1375	0	0	30.497	.000v	91.82	58.92
216	1400	0	0	30.569	.000v	95.81	59.19
217	1425	0	0	30.630	.000v	97.11	62.13
218	1450	0	0	30.693	.000v	100.39	61.61
219	1475	0	0	30.750	.000v	103.07	63.24
220	1500	0	0	30.819	.000v	108.21	62.74
221	1525	0	0	30.872	.000v	109.59	64.29
222	1550	0	0	30.922	.000v	112.47	63.34
223	1575	0	0	30.963	.000v	115.14	63.19
224	1600	0	0	31.009	.000v	118.88	63.27
225	1625	0	0	31.052	.000v	118.65	65.00
226	1650	0	0	31.087	.000v	121.70	64.32
227	1675	0	0	31.124	.000v	123.69	64.65
228	1700	0	0	31.168	.000v	123.93	65.18
229	1725	0	0	31.217	.000v	124.25	67.10
230	1750	0	0	31.259	.000v	126.35	65.70
231	1775	0	0	31.286	.000v	131.39	67.15
232	1800	0	0	31.259	.000v	131.78	66.27
233	1825	0	0	31.180	.000v	135.18	69.30
234	1850	0	0	31.022	.000v	136.99	68.90
235	1875	0	0	30.764	.000v	141.15	71.66
236	1900	0	0	30.344	.000v	141.84	70.95
237	1925	0	0	29.884	.000v	143.39	67.83
238	-25	25	0	28.301	.000v	18.84	7.31
239	0	25	0	28.328	.000v	25.77	10.15
240	25	25	0	28.360	.000v	28.10	12.16
241	50	25	0	28.394	.000v	31.85	14.00
242	75	25	0	28.428	.000v	32.10	16.00
243	100	25	0	28.464	.000v	34.41	17.01
244	125	25	0	28.506	.000v	34.82	22.04
245	150	25	0	28.547	.000v	35.91	24.69
246	175	25	0	28.587	.000v	36.78	31.77
247	200	25	0	28.631	.000v	38.02	34.55
248	225	25	0	28.675	.000v	39.52	34.77
249	250	25	0	28.718	.000v	41.53	35.49
250	275	25	0	28.760	.000v	42.78	35.56
251	300	25	0	28.807	.000v	44.11	36.03
252	325	25	0	28.850	.000v	45.52	37.35
253	350	25	0	28.893	.000v	46.70	36.99
254	375	25	0	28.933	.000v	49.03	36.74
255	400	25	0	28.981	.000v	50.16	37.53
256	425	25	0	29.020	.000v	50.41	39.31
257	450	25	0	29.059	.000v	52.64	37.94
258	475	25	0	29.099	.000v	53.27	38.66
259	500	25	0	29.142	.000v	54.85	38.74
260	525	25	0	29.177	.000v	55.54	39.75
261	550	25	0	29.216	.000v	56.90	38.00
262	575	25	0	29.261	.000v	58.30	39.68
263	600	25	0	29.299	.000v	60.03	40.03
264	625	25	0	29.341	.000v	60.54	40.76
265	650	25	0	29.380	.000v	61.40	40.98
266	675	25	0	29.427	.000v	63.43	42.06
267	700	25	0	29.458	.000v	62.80	42.41
268	725	25	0	29.500	.000v	63.25	43.61
269	750	25	0	29.534	.000v	64.43	42.88
270	775	25	0	29.579	.000v	65.08	44.62
271	800	25	0	29.620	.000v	65.32	44.56
272	825	25	0	29.660	.000v	66.18	45.77

273	850	25	0	29.706	.000v	67.47	45.12
274	875	25	0	29.759	.000v	68.68	46.42
275	900	25	0	29.809	.000v	71.09	46.95
276	925	25	0	29.852	.000v	70.17	48.52
277	950	25	0	29.908	.000v	72.22	47.48
278	975	25	0	29.972	.000v	73.54	49.22
279	1000	25	0	30.034	.000v	77.02	49.66
280	1025	25	0	30.090	.000v	76.97	51.96
281	1050	25	0	30.155	.000v	78.68	51.71
282	1075	25	0	30.234	.000v	79.17	52.38
283	1100	25	0	30.309	.000v	83.40	53.76
284	1125	25	0	30.388	.000v	85.10	54.46
285	1150	25	0	30.469	.000v	87.49	55.73
286	1175	25	0	30.568	.000v	89.60	56.56
287	1200	25	0	30.654	.000v	91.39	59.83
288	1225	25	0	30.750	.000v	94.91	59.93
289	1250	25	0	30.848	.000v	98.67	60.43
290	1275	25	0	30.950	.000v	101.69	61.52
291	1300	25	0	31.064	.000v	104.09	64.45
292	1325	25	0	31.190	.000v	107.67	66.26
293	1350	25	0	31.314	.000v	111.82	67.98
294	1375	25	0	31.437	.000v	115.63	68.33
295	1400	25	0	31.557	.000v	120.79	70.32
296	1425	25	0	31.683	.000v	125.34	73.16
297	1450	25	0	31.805	.000v	129.31	72.95
298	1475	25	0	31.944	.000v	135.58	73.87
299	1500	25	0	32.065	.000v	139.56	74.16
300	1525	25	0	32.190	.000v	144.41	72.20
301	1550	25	0	32.291	.000v	148.65	73.93
302	1575	25	0	32.410	.000v	153.94	76.80
303	1600	25	0	32.507	.000v	157.24	77.34
304	1625	25	0	32.615	.000v	160.38	78.65
305	1650	25	0	32.696	.000v	161.14	80.49
306	1675	25	0	32.811	.000v	164.86	81.69
307	1700	25	0	32.941	.000v	170.40	82.47
308	1725	25	0	33.085	.000v	174.40	85.52
309	1750	25	0	33.218	.000v	178.86	86.67
310	1775	25	0	33.357	.000v	187.97	90.11
311	1800	25	0	33.399	.000v	197.91	91.01
312	1825	25	0	33.283	.000v	199.19	93.78
313	1850	25	0	32.950	.016	203.57	96.89
314	1875	25	0	32.382	.033	210.19	98.53
315	1900	25	0	31.471	.033	216.43	97.65
316	1925	25	0	30.383	.000v	199.98	80.31
317	-25	50	0	28.339	.000v	18.26	7.79
318	0	50	0	28.373	.000v	25.43	10.53
319	25	50	0	28.411	.000v	29.21	13.05
320	50	50	0	28.450	.000v	32.88	15.30
321	75	50	0	28.491	.000v	33.34	16.31
322	100	50	0	28.541	.000v	35.20	18.14
323	125	50	0	28.588	.000v	36.45	24.93
324	150	50	0	28.638	.000v	37.50	28.48
325	175	50	0	28.687	.000v	39.17	36.48
326	200	50	0	28.745	.000v	39.97	36.22
327	225	50	0	28.798	.000v	43.69	37.28
328	250	50	0	28.851	.000v	45.30	36.77
329	275	50	0	28.901	.000v	46.16	38.32
330	300	50	0	28.962	.000v	49.13	38.78
331	325	50	0	29.015	.000v	49.94	39.55
332	350	50	0	29.062	.000v	52.41	39.76
333	375	50	0	29.118	.000v	52.96	40.37
334	400	50	0	29.168	.000v	55.31	40.59
335	425	50	0	29.219	.000v	56.69	40.03
336	450	50	0	29.263	.000v	57.59	40.75
337	475	50	0	29.314	.000v	59.42	41.83
338	500	50	0	29.364	.000v	60.71	41.64
339	525	50	0	29.410	.000v	62.23	42.59
340	550	50	0	29.456	.000v	64.51	41.02
341	575	50	0	29.511	.000v	63.93	42.15
342	600	50	0	29.559	.000v	66.61	43.41
343	625	50	0	29.612	.000v	68.42	42.84
344	650	50	0	29.661	.000v	69.54	43.98
345	675	50	0	29.723	.000v	72.04	44.70
346	700	50	0	29.773	.000v	72.26	45.77
347	725	50	0	29.826	.000v	72.35	46.29
348	750	50	0	29.880	.000v	73.91	46.32
349	775	50	0	29.941	.000v	76.09	47.60

350	800	50	0	29.996	.000v	75.58	50.02
351	825	50	0	30.054	.000v	76.64	50.60
352	850	50	0	30.120	.000v	77.60	50.46
353	875	50	0	30.197	.000v	81.05	50.94
354	900	50	0	30.263	.000v	83.03	52.90
355	925	50	0	30.344	.000v	84.22	53.07
356	950	50	0	30.424	.000v	84.70	54.84
357	975	50	0	30.515	.000v	88.58	56.53
358	1000	50	0	30.601	.000v	91.14	56.52
359	1025	50	0	30.711	.000v	93.73	57.27
360	1050	50	0	30.815	.000v	94.11	60.40
361	1075	50	0	30.926	.000v	99.31	62.19
362	1100	50	0	31.042	.000v	101.90	62.16
363	1125	50	0	31.184	.000v	106.06	64.08
364	1150	50	0	31.332	.000v	108.32	67.32
365	1175	50	0	31.490	.000v	113.12	67.57
366	1200	50	0	31.651	.000v	115.74	68.62
367	1225	50	0	31.817	.000v	121.17	70.97
368	1250	50	0	31.999	.000v	126.27	74.60
369	1275	50	0	32.207	.000v	133.33	71.50
370	1300	50	0	32.451	.000v	136.47	75.77
371	1325	50	0	32.703	.000v	142.61	81.86
372	1350	50	0	32.960	.000v	151.02	83.07
373	1375	50	0	33.228	.000v	162.29	81.14
374	1400	50	0	33.474	.000v	167.04	83.46
375	1425	50	0	33.708	.000v	177.30	87.85
376	1450	50	0	33.925	.000v	185.81	90.95
377	1475	50	0	34.153	.000v	196.71	94.77
378	1500	50	0	34.374	.024	204.19	96.30
379	1525	50	0	34.586	.041	215.36	101.50
380	1550	50	0	34.775	.049	225.74	101.07
381	1575	50	0	34.916	.049	231.69	102.77
382	1600	50	0	35.129	.049	235.05	104.10
383	1625	50	0	35.284	.057	242.37	109.66
384	1650	50	0	35.452	.065	253.95	113.88
385	1675	50	0	35.533	.065	258.53	111.32
386	1700	50	0	35.689	.065	259.18	111.08
387	1725	50	0	35.849	.065	256.93	109.43
388	1750	50	0	35.979	.057	253.14	106.64
389	1775	50	0	35.963	.057	252.59	107.49
390	1800	50	0	35.678	.057	247.68	103.61
391	1825	50	0	35.585	.057	245.47	107.60
392	1850	50	0	35.032	.057	244.47	104.87
393	1875	50	0	33.388	.049	240.69	102.01
394	1900	50	0	32.032	.057	239.08	102.39
395	1925	50	0	30.555	.024	212.97	79.52
396	-25	75	0	28.383	.000v	17.62v	8.42
397	0	75	0	28.428	.000v	24.66	10.67
398	25	75	0	28.472	.000v	30.30	14.18
399	50	75	0	28.519	.000v	32.86	16.25
400	75	75	0	28.572	.000v	35.81	17.80
401	100	75	0	28.634	.000v	37.46	22.23
402	125	75	0	28.693	.000v	37.67	27.34
403	150	75	0	28.756	.000v	38.87	33.72
404	175	75	0	28.825	.000v	41.59	39.27
405	200	75	0	28.892	.000v	44.52	39.68
406	225	75	0	28.959	.000v	47.17	38.81
407	250	75	0	29.026	.000v	50.32	39.80
408	275	75	0	29.101	.000v	52.50	40.39
409	300	75	0	29.164	.000v	53.61	42.64
410	325	75	0	29.231	.000v	55.58	41.97
411	350	75	0	29.293	.000v	58.24	41.71
412	375	75	0	29.362	.000v	60.47	42.24
413	400	75	0	29.419	.000v	60.91	43.15
414	425	75	0	29.482	.000v	64.77	42.99
415	450	75	0	29.537	.000v	65.19	45.37
416	475	75	0	29.605	.000v	68.20	45.16
417	500	75	0	29.665	.000v	68.76	45.57
418	525	75	0	29.725	.000v	71.06	46.33
419	550	75	0	29.785	.000v	72.38	47.18
420	575	75	0	29.858	.000v	74.33	47.60
421	600	75	0	29.924	.000v	77.05	48.57
422	625	75	0	29.989	.000v	78.07	49.74
423	650	75	0	30.067	.000v	81.39	50.51
424	675	75	0	30.143	.000v	82.09	51.39
425	700	75	0	30.221	.000v	83.39	52.84
426	725	75	0	30.295	.000v	86.28	53.52

427	750	75	0	30.378	.000v	87.42	54.52
428	775	75	0	30.463	.000v	88.39	55.62
429	800	75	0	30.552	.000v	89.60	57.20
430	825	75	0	30.649	.000v	93.71	57.60
431	850	75	0	30.756	.000v	95.85	58.83
432	875	75	0	30.862	.000v	96.18	60.31
433	900	75	0	30.978	.000v	100.10	61.27
434	925	75	0	31.105	.000v	103.26	63.59
435	950	75	0	31.244	.000v	107.29	61.70
436	975	75	0	31.394	.000v	109.89	64.39
437	1000	75	0	31.554	.000v	114.37	66.01
438	1025	75	0	31.739	.000v	117.91	70.61
439	1050	75	0	31.929	.000v	123.29	69.14
440	1075	75	0	32.140	.000v	129.57	69.32
441	1100	75	0	32.346	.000v	133.28	72.09
442	1125	75	0	32.612	.000v	140.52	74.47
443	1150	75	0	32.910	.000v	146.70	78.86
444	1175	75	0	33.241	.000v	154.22	78.52
445	1200	75	0	33.547	.000v	162.82	81.05
446	1225	75	0	33.891	.000v	175.00	85.98
447	1250	75	0	34.269	.000v	184.39	89.82
448	1275	75	0	34.604	.000v	189.92	94.83
449	1300	75	0	34.931	.016	204.46	98.92
450	1325	75	0	35.373	.049	229.68	107.87
451	1350	75	0	35.799	.057	245.64	111.20
452	1375	75	0	36.120	.057	255.96	116.16
453	1400	75	0	36.273	.074	272.27	122.39
454	1425	75	0	36.763	.083	293.36	130.94
455	1450	75	0	37.026	.075	299.26	127.71
456	1475	75	0	37.078	.073	294.38	118.01
457	1500	75	0	37.003	.073	284.09	118.93
458	1525	75	0	37.185	.073	274.80	114.72
459	1550	75	0	37.273	.065	261.92	109.66
460	1575	75	0	37.228	.057	251.38	105.45
461	1600	75	0	37.151	.049	238.53	100.01
462	1625	75	0	37.227	.049	232.11	98.73
463	1650	75	0	37.126	.049	224.60	100.74
464	1675	75	0	36.793	.049	222.77	99.63
465	1700	75	0	36.477	.041	217.54	97.41
466	1725	75	0	36.390	.041	218.13	99.68
467	1750	75	0	36.120	.033	211.63	93.78
468	1775	75	0	35.823	.016	202.07	87.08
469	1800	75	0	35.457	.000v	194.07	87.04
470	1825	75	0	34.890	.000v	191.65	85.33
471	1850	75	0	33.966	.000v	186.40	83.69
472	1875	75	0	32.450	.000v	180.30	82.00
473	1900	75	0	31.125	.000v	176.36	79.72
474	1925	75	0	30.203	.000v	168.14	69.30
475	-25	100	0	28.443	.000v	17.78	8.88
476	0	100	0	28.492	.000v	25.16	11.17
477	25	100	0	28.546	.000v	30.34	14.91
478	50	100	0	28.607	.000v	35.69	17.79
479	75	100	0	28.680	.000v	37.65	19.83
480	100	100	0	28.754	.000v	38.55	25.73
481	125	100	0	28.833	.000v	41.12	30.01
482	150	100	0	28.915	.000v	42.80	39.86
483	175	100	0	29.006	.000v	46.23	41.86
484	200	100	0	29.095	.000v	48.75	42.31
485	225	100	0	29.182	.000v	52.61	42.06
486	250	100	0	29.271	.000v	55.58	42.94
487	275	100	0	29.364	.000v	60.04	43.76
488	300	100	0	29.452	.000v	60.52	45.59
489	325	100	0	29.533	.000v	63.40	45.93
490	350	100	0	29.620	.000v	67.29	47.14
491	375	100	0	29.696	.000v	68.93	46.65
492	400	100	0	29.776	.000v	72.29	50.05
493	425	100	0	29.852	.000v	73.39	50.28
494	450	100	0	29.938	.000v	76.39	49.51
495	475	100	0	30.013	.000v	77.49	50.33
496	500	100	0	30.095	.000v	80.94	49.77
497	525	100	0	30.178	.000v	83.45	52.88
498	550	100	0	30.272	.000v	85.25	53.64
499	575	100	0	30.362	.000v	87.38	53.82
500	600	100	0	30.463	.000v	91.35	54.21
501	625	100	0	30.559	.000v	92.46	57.32
502	650	100	0	30.671	.000v	96.55	57.52
503	675	100	0	30.785	.000v	98.57	58.39

504	700	100	0	30.916	.000v	104.07	60.24
505	725	100	0	31.042	.000v	104.47	63.44
506	750	100	0	31.167	.000v	106.87	63.01
507	775	100	0	31.308	.000v	110.01	62.95
508	800	100	0	31.462	.000v	114.84	64.92
509	825	100	0	31.631	.000v	116.88	67.58
510	850	100	0	31.819	.000v	121.63	68.27
511	875	100	0	32.038	.000v	126.64	70.38
512	900	100	0	32.257	.000v	131.36	72.01
513	925	100	0	32.477	.000v	137.14	74.27
514	950	100	0	32.725	.000v	142.88	76.70
515	975	100	0	33.023	.000v	150.78	76.17
516	1000	100	0	33.382	.000v	155.58	80.80
517	1025	100	0	33.730	.000v	167.00	83.25
518	1050	100	0	34.112	.000v	176.86	87.57
519	1075	100	0	34.508	.000v	190.84	91.00
520	1100	100	0	34.905	.000v	198.17	95.58
521	1125	100	0	35.305	.033	214.25	100.73
522	1150	100	0	35.732	.049	225.94	104.08
523	1175	100	0	36.232	.065	251.91	116.84
524	1200	100	0	36.521	.065	272.30	126.81
525	1225	100	0	36.839	.073	283.85	128.28
526	1250	100	0	37.231	.074	294.02	125.15
527	1275	100	0	37.823	.094^	316.23	143.72^
528	1300	100	0	37.840	.085	320.23^	137.14
529	1325	100	0	37.881	.083	300.31	123.55
530	1350	100	0	38.002	.073	276.58	113.85
531	1375	100	0	38.096^	.057	255.48	107.42
532	1400	100	0	37.961	.049	231.91	98.60
533	1425	100	0	37.657	.024	209.00	95.22
534	1450	100	0	37.358	.000v	196.61	92.31
535	1475	100	0	37.054	.000v	191.69	90.76
536	1500	100	0	36.740	.000v	190.67	89.06
537	1525	100	0	36.404	.000v	186.81	85.56
538	1550	100	0	36.075	.000v	184.38	83.80
539	1575	100	0	35.735	.000v	178.42	81.18
540	1600	100	0	35.388	.000v	173.30	78.73
541	1625	100	0	35.054	.000v	164.84	76.83
542	1650	100	0	34.755	.000v	158.00	70.82
543	1675	100	0	34.448	.000v	148.56	68.74
544	1700	100	0	34.153	.000v	142.74	68.38
545	1725	100	0	33.876	.000v	136.26	65.33
546	1750	100	0	33.625	.000v	135.36	63.61
547	1775	100	0	33.325	.000v	131.58	62.40
548	1800	100	0	32.966	.000v	130.25	61.35
549	1825	100	0	32.481	.000v	126.63	61.35
550	1850	100	0	31.830	.000v	125.05	59.66
551	1875	100	0	31.016	.000v	121.49	59.82
552	1900	100	0	30.269	.000v	121.14	57.50
553	1925	100	0	29.757	.000v	120.14	54.06
554	-25	125	0	28.510	.000v	19.94	9.88
555	0	125	0	28.570	.000v	24.16	12.02
556	25	125	0	28.641	.000v	33.12	16.41
557	50	125	0	28.721	.000v	36.09	20.14
558	75	125	0	28.818	.000v	39.98	22.84
559	100	125	0	28.916	.000v	42.85	28.89
560	125	125	0	29.024	.000v	44.26	36.95
561	150	125	0	29.140	.000v	47.76	44.52
562	175	125	0	29.263	.000v	52.08	45.22
563	200	125	0	29.384	.000v	56.72	45.06
564	225	125	0	29.509	.000v	61.57	46.96
565	250	125	0	29.632	.000v	65.29	47.41
566	275	125	0	29.752	.000v	68.25	49.10
567	300	125	0	29.867	.000v	71.64	49.91
568	325	125	0	29.980	.000v	75.09	50.86
569	350	125	0	30.094	.000v	78.64	50.69
570	375	125	0	30.198	.000v	81.07	53.90
571	400	125	0	30.301	.000v	85.11	54.81
572	425	125	0	30.411	.000v	88.00	56.73
573	450	125	0	30.530	.000v	90.56	56.25
574	475	125	0	30.641	.000v	92.90	58.67
575	500	125	0	30.759	.000v	97.21	59.01
576	525	125	0	30.890	.000v	100.69	58.17
577	550	125	0	31.036	.000v	103.80	61.33
578	575	125	0	31.185	.000v	108.06	61.15
579	600	125	0	31.337	.000v	111.58	63.97
580	625	125	0	31.506	.000v	116.03	64.25

581	650	125	0	31.681	.000v	120.52	67.43
582	675	125	0	31.896	.000v	126.73	68.69
583	700	125	0	32.126	.000v	131.30	70.30
584	725	125	0	32.372	.000v	136.14	73.29
585	750	125	0	32.606	.000v	142.28	74.69
586	775	125	0	32.884	.000v	150.90	75.45
587	800	125	0	33.160	.000v	156.30	78.04
588	825	125	0	33.488	.000v	162.72	80.90
589	850	125	0	33.861	.000v	171.14	83.98
590	875	125	0	34.264	.000v	184.17	89.10
591	900	125	0	34.686	.008	200.49	95.80
592	925	125	0	35.091	.033	211.39	97.69
593	950	125	0	35.535	.041	219.22	103.68
594	975	125	0	35.934	.049	230.92	104.33
595	1000	125	0	36.383	.057	245.67	112.67
596	1025	125	0	36.886	.057	251.92	118.71
597	1050	125	0	37.242	.057	256.24	121.58
598	1075	125	0	37.445	.065	265.33	130.51
599	1100	125	0	37.687	.083	284.53	137.34
600	1125	125	0	38.042	.084	291.52	134.50
601	1150	125	0	38.058	.073	285.95	122.73
602	1175	125	0	37.922	.073	277.28	121.22
603	1200	125	0	37.812	.065	260.92	109.13
604	1225	125	0	37.727	.049	237.66	101.53
605	1250	125	0	37.489	.033	211.91	92.63
606	1275	125	0	37.092	.000v	190.50	88.45
607	1300	125	0	36.673	.000v	174.06	82.23
608	1325	125	0	36.284	.000v	170.29	80.62
609	1350	125	0	35.869	.000v	164.50	76.65
610	1375	125	0	35.457	.000v	160.43	75.27
611	1400	125	0	35.061	.000v	152.34	71.46
612	1425	125	0	34.749	.000v	146.70	69.29
613	1450	125	0	34.487	.000v	139.05	68.04
614	1475	125	0	34.244	.000v	131.72	63.45
615	1500	125	0	34.012	.000v	126.33	61.95
616	1525	125	0	33.771	.000v	120.20	59.86
617	1550	125	0	33.540	.000v	120.38	58.97
618	1575	125	0	33.302	.000v	119.93	58.13
619	1600	125	0	33.063	.000v	118.55	57.33
620	1625	125	0	32.833	.000v	114.33	56.26
621	1650	125	0	32.625	.000v	112.93	54.86
622	1675	125	0	32.435	.000v	111.40	54.65
623	1700	125	0	32.238	.000v	107.70	52.66
624	1725	125	0	32.048	.000v	104.44	51.06
625	1750	125	0	31.842	.000v	100.57	49.12
626	1775	125	0	31.617	.000v	99.86	49.20
627	1800	125	0	31.343	.000v	98.31	48.65
628	1825	125	0	31.008	.000v	97.65	48.44
629	1850	125	0	30.603	.000v	95.50	47.04
630	1875	125	0	30.159	.000v	94.58	46.16
631	1900	125	0	29.745	.000v	93.28	44.95
632	1925	125	0	29.426	.000v	92.68	42.56
633	-25	150	0	28.590	.000v	22.46	11.17
634	0	150	0	28.670	.000v	23.86	13.41
635	25	150	0	28.764	.000v	32.99	18.08
636	50	150	0	28.878	.000v	38.36	23.31
637	75	150	0	29.005	.000v	41.15	26.91
638	100	150	0	29.146	.000v	43.73	33.99
639	125	150	0	29.301	.000v	49.22	44.42
640	150	150	0	29.478	.000v	53.93	47.40
641	175	150	0	29.654	.000v	58.73	50.00
642	200	150	0	29.832	.000v	65.31	50.53
643	225	150	0	30.008	.000v	71.90	53.24
644	250	150	0	30.189	.000v	77.57	54.51
645	275	150	0	30.360	.000v	80.99	56.08
646	300	150	0	30.522	.000v	86.28	57.49
647	325	150	0	30.688	.000v	91.48	57.95
648	350	150	0	30.848	.000v	96.81	59.61
649	375	150	0	31.011	.000v	101.48	60.91
650	400	150	0	31.175	.000v	104.19	62.25
651	425	150	0	31.347	.000v	110.36	64.88
652	450	150	0	31.521	.000v	113.61	66.05
653	475	150	0	31.719	.000v	118.59	67.27
654	500	150	0	31.926	.000v	124.79	68.10
655	525	150	0	32.150	.000v	128.47	69.65
656	550	150	0	32.415	.000v	134.58	72.97
657	575	150	0	32.711	.000v	144.83	73.36

658	600	150	0	33.004	.000v	151.45	75.65
659	625	150	0	33.319	.000v	159.93	79.86
660	650	150	0	33.625	.000v	167.46	83.22
661	675	150	0	33.971	.000v	178.54	87.55
662	700	150	0	34.362	.000v	188.08	93.06
663	725	150	0	34.777	.033	207.21	98.56
664	750	150	0	35.167	.041	225.02	105.21
665	775	150	0	35.502	.049	234.68	105.57
666	800	150	0	36.009	.057	244.95	110.46
667	825	150	0	36.493	.057	255.73	113.16
668	850	150	0	36.867	.065	260.36	108.66
669	875	150	0	37.011	.065	253.07	114.29
670	900	150	0	37.275	.049	246.86	117.50
671	925	150	0	37.757	.049	240.95	115.33
672	950	150	0	37.855	.057	244.22	116.97
673	975	150	0	37.574	.057	242.54	114.74
674	1000	150	0	37.425	.057	240.92	107.36
675	1025	150	0	37.454	.057	231.90	102.93
676	1050	150	0	37.260	.041	224.83	96.16
677	1075	150	0	36.951	.024	206.55	90.43
678	1100	150	0	36.676	.000v	189.82	82.57
679	1125	150	0	36.302	.000v	170.42	78.29
680	1150	150	0	35.929	.000v	159.29	77.69
681	1175	150	0	35.576	.000v	152.52	73.18
682	1200	150	0	35.207	.000v	150.03	70.24
683	1225	150	0	34.820	.000v	143.05	69.23
684	1250	150	0	34.469	.000v	140.09	65.45
685	1275	150	0	34.189	.000v	134.41	63.39
686	1300	150	0	33.928	.000v	127.89	61.93
687	1325	150	0	33.676	.000v	121.53	58.89
688	1350	150	0	33.422	.000v	115.94	57.25
689	1375	150	0	33.196	.000v	112.98	55.60
690	1400	150	0	32.977	.000v	107.64	53.31
691	1425	150	0	32.794	.000v	107.20	53.14
692	1450	150	0	32.621	.000v	103.38	51.51
693	1475	150	0	32.479	.000v	102.12	50.64
694	1500	150	0	32.327	.000v	97.30	48.16
695	1525	150	0	32.180	.000v	96.21	47.84
696	1550	150	0	32.021	.000v	93.48	46.18
697	1575	150	0	31.878	.000v	92.82	46.00
698	1600	150	0	31.727	.000v	90.52	44.81
699	1625	150	0	31.585	.000v	90.87	44.95
700	1650	150	0	31.434	.000v	89.77	44.12
701	1675	150	0	31.297	.000v	88.44	43.13
702	1700	150	0	31.154	.000v	86.82	42.31
703	1725	150	0	31.007	.000v	86.62	42.20
704	1750	150	0	30.838	.000v	84.09	41.37
705	1775	150	0	30.661	.000v	82.43	40.20
706	1800	150	0	30.455	.000v	81.53	39.94
707	1825	150	0	30.219	.000v	81.04	39.67
708	1850	150	0	29.942	.000v	78.62	37.39
709	1875	150	0	29.668	.000v	77.51	37.13
710	1900	150	0	29.407	.000v	78.00	35.42
711	1925	150	0	29.186	.000v	76.85	33.06
712	-25	175	0	28.692	.000v	25.73	12.78
713	0	175	0	28.799	.000v	27.77	15.18
714	25	175	0	28.927	.000v	35.05	20.29
715	50	175	0	29.091	.000v	41.99	26.67
716	75	175	0	29.283	.000v	44.51	32.83
717	100	175	0	29.500	.000v	47.12	40.35
718	125	175	0	29.744	.000v	52.63	48.82
719	150	175	0	30.014	.000v	61.53	53.26
720	175	175	0	30.309	.000v	71.10	56.35
721	200	175	0	30.593	.000v	79.55	59.34
722	225	175	0	30.877	.000v	91.14	59.84
723	250	175	0	31.137	.000v	98.73	61.39
724	275	175	0	31.426	.000v	104.19	64.45
725	300	175	0	31.701	.000v	109.89	67.72
726	325	175	0	31.978	.000v	119.37	67.91
727	350	175	0	32.241	.000v	126.02	71.24
728	375	175	0	32.530	.000v	133.78	71.20
729	400	175	0	32.805	.000v	139.60	73.18
730	425	175	0	33.136	.000v	148.01	76.85
731	450	175	0	33.486	.000v	159.31	78.93
732	475	175	0	33.831	.000v	165.39	82.31
733	500	175	0	34.134	.000v	175.50	86.32
734	525	175	0	34.490	.000v	192.08	91.70

735	550	175	0	34.920	.025	208.60	96.85
736	575	175	0	35.308	.041	218.35	103.03
737	600	175	0	35.569	.049	235.22	107.85
738	625	175	0	36.062	.065	259.09	114.78
739	650	175	0	36.564	.065	273.97	118.92
740	675	175	0	36.901	.073	278.94	119.03
741	700	175	0	37.023	.065	275.24	112.98
742	725	175	0	37.362	.065	263.93	106.39
743	750	175	0	37.586	.057	248.60	111.45
744	775	175	0	37.581	.049	233.14	110.63
745	800	175	0	37.395	.033	216.80	101.57
746	825	175	0	37.311	.033	210.24	96.92
747	850	175	0	37.104	.024	208.25	97.50
748	875	175	0	36.752	.016	203.31	92.35
749	900	175	0	36.455	.000v	190.92	84.68
750	925	175	0	36.191	.000v	181.28	79.94
751	950	175	0	35.879	.000v	169.49	75.77
752	975	175	0	35.501	.000v	155.26	72.96
753	1000	175	0	35.182	.000v	143.64	69.11
754	1025	175	0	34.857	.000v	137.63	66.09
755	1050	175	0	34.532	.000v	134.58	64.63
756	1075	175	0	34.201	.000v	132.91	63.34
757	1100	175	0	33.920	.000v	127.46	61.26
758	1125	175	0	33.695	.000v	124.27	59.46
759	1150	175	0	33.475	.000v	119.35	58.03
760	1175	175	0	33.271	.000v	115.71	56.40
761	1200	175	0	33.064	.000v	110.49	54.15
762	1225	175	0	32.867	.000v	109.75	53.67
763	1250	175	0	32.671	.000v	105.09	51.86
764	1275	175	0	32.506	.000v	103.15	50.98
765	1300	175	0	32.354	.000v	100.61	49.69
766	1325	175	0	32.205	.000v	99.88	49.39
767	1350	175	0	32.053	.000v	94.69	47.00
768	1375	175	0	31.911	.000v	91.75	45.55
769	1400	175	0	31.791	.000v	90.99	45.15
770	1425	175	0	31.667	.000v	89.15	44.00
771	1450	175	0	31.554	.000v	86.34	41.96
772	1475	175	0	31.443	.000v	83.89	41.80
773	1500	175	0	31.344	.000v	83.79	41.49
774	1525	175	0	31.237	.000v	81.07	40.36
775	1550	175	0	31.126	.000v	79.14	39.03
776	1575	175	0	31.020	.000v	77.17	37.78
777	1600	175	0	30.911	.000v	76.13	37.55
778	1625	175	0	30.805	.000v	74.03	36.39
779	1650	175	0	30.692	.000v	74.73	35.31
780	1675	175	0	30.584	.000v	74.43	35.08
781	1700	175	0	30.466	.000v	73.84	34.92
782	1725	175	0	30.347	.000v	71.70	34.02
783	1750	175	0	30.209	.000v	71.88	33.34
784	1775	175	0	30.069	.000v	71.33	32.64
785	1800	175	0	29.910	.000v	70.08	32.53
786	1825	175	0	29.737	.000v	68.40	31.27
787	1850	175	0	29.541	.000v	68.20	30.39
788	1875	175	0	29.351	.000v	68.16	29.77
789	1900	175	0	29.168	.000v	66.93	29.66
790	1925	175	0	29.010	.000v	65.81	27.54
791	-25	200	0	28.819	.000v	29.91	14.96
792	0	200	0	28.968	.000v	32.51	17.49
793	25	200	0	29.157	.000v	35.30	23.74
794	50	200	0	29.403	.000v	44.01	32.22
795	75	200	0	29.714	.000v	47.49	40.60
796	100	200	0	30.085	.000v	54.29	50.09
797	125	200	0	30.515	.000v	61.88	54.52
798	150	200	0	31.008	.000v	75.74	59.98
799	175	200	0	31.547	.000v	92.98	66.11
800	200	200	0	32.079	.000v	107.26	68.75
801	225	200	0	32.569	.000v	125.30	67.79
802	250	200	0	33.012	.000v	134.86	71.41
803	275	200	0	33.469	.000v	144.09	74.02
804	300	200	0	33.940	.000v	158.07	79.31
805	325	200	0	34.359	.000v	170.49	84.81
806	350	200	0	34.749	.000v	187.25	91.70
807	375	200	0	35.166	.016	202.75	98.09
808	400	200	0	35.601	.033	213.26	102.23
809	425	200	0	36.125	.041	218.80	107.26
810	450	200	0	36.266	.041	225.01	112.51
811	475	200	0	36.863	.082	272.90	130.56

812	500	200	0	37.009	.084	293.04	134.90
813	525	200	0	37.190	.083	288.78	128.43
814	550	200	0	37.384	.065	273.44	114.82
815	575	200	0	37.577	.065	258.11	113.72
816	600	200	0	37.553	.057	240.39	101.29
817	625	200	0	37.489	.033	215.91	96.79
818	650	200	0	37.249	.000v	195.52	92.22
819	675	200	0	36.939	.000v	183.54	86.90
820	700	200	0	36.605	.000v	180.16	83.42
821	725	200	0	36.234	.000v	176.72	82.04
822	750	200	0	35.847	.000v	172.33	79.75
823	775	200	0	35.459	.000v	163.89	75.17
824	800	200	0	35.132	.000v	156.02	71.16
825	825	200	0	34.822	.000v	144.70	69.49
826	850	200	0	34.534	.000v	136.53	66.11
827	875	200	0	34.221	.000v	128.42	62.19
828	900	200	0	33.938	.000v	125.72	60.58
829	925	200	0	33.662	.000v	120.54	58.11
830	950	200	0	33.437	.000v	119.86	57.42
831	975	200	0	33.225	.000v	114.19	56.21
832	1000	200	0	33.044	.000v	110.73	54.46
833	1025	200	0	32.865	.000v	106.42	52.46
834	1050	200	0	32.689	.000v	101.84	49.99
835	1075	200	0	32.513	.000v	97.31	48.58
836	1100	200	0	32.366	.000v	97.41	48.29
837	1125	200	0	32.234	.000v	96.54	47.63
838	1150	200	0	32.105	.000v	92.46	46.08
839	1175	200	0	31.982	.000v	89.64	44.45
840	1200	200	0	31.867	.000v	89.01	44.28
841	1225	200	0	31.744	.000v	86.62	43.12
842	1250	200	0	31.623	.000v	83.18	41.24
843	1275	200	0	31.518	.000v	83.15	40.88
844	1300	200	0	31.416	.000v	81.26	39.80
845	1325	200	0	31.316	.000v	80.03	39.69
846	1350	200	0	31.213	.000v	77.18	38.29
847	1375	200	0	31.120	.000v	76.78	37.93
848	1400	200	0	31.032	.000v	76.21	37.30
849	1425	200	0	30.949	.000v	75.23	37.14
850	1450	200	0	30.858	.000v	72.28	35.42
851	1475	200	0	30.778	.000v	70.64	33.77
852	1500	200	0	30.699	.000v	71.35	33.72
853	1525	200	0	30.621	.000v	70.60	33.69
854	1550	200	0	30.530	.000v	68.19	31.89
855	1575	200	0	30.448	.000v	67.01	31.67
856	1600	200	0	30.364	.000v	65.72	30.87
857	1625	200	0	30.281	.000v	65.98	30.18
858	1650	200	0	30.185	.000v	64.79	28.77
859	1675	200	0	30.094	.000v	63.87	28.82
860	1700	200	0	30.000	.000v	63.26	28.01
861	1725	200	0	29.900	.000v	64.01	27.44
862	1750	200	0	29.787	.000v	62.63	26.66
863	1775	200	0	29.671	.000v	61.65	26.27
864	1800	200	0	29.548	.000v	61.66	26.01
865	1825	200	0	29.414	.000v	61.08	25.24
866	1850	200	0	29.269	.000v	59.68	25.04
867	1875	200	0	29.127	.000v	58.81	24.48
868	1900	200	0	28.993	.000v	59.17	23.70
869	1925	200	0	28.867	.000v	58.49	22.93
870	-25	225	0	28.975	.000v	35.37	18.00
871	0	225	0	29.193	.000v	39.27	22.14
872	25	225	0	29.498	.000v	44.38	27.14
873	50	225	0	29.914	.000v	49.74	38.65
874	75	225	0	30.475	.000v	57.02	49.44
875	100	225	0	31.176	.000v	64.13	56.72
876	125	225	0	32.079	.000v	83.03	69.37
877	150	225	0	33.004	.000v	102.45	79.08
878	175	225	0	33.963	.000v	128.84	87.91
879	200	225	0	34.699	.000v	153.22	96.35
880	225	225	0	35.270	.000v	182.94	98.30
881	250	225	0	35.977	.008	201.14	103.84
882	275	225	0	36.532	.033	211.80	104.62
883	300	225	0	36.809	.041	213.02	100.89
884	325	225	0	36.970	.033	209.67	100.20
885	350	225	0	37.325	.016	203.22	100.87
886	375	225	0	37.466	.000v	195.38	101.12
887	400	225	0	37.290	.000v	187.33	101.40
888	425	225	0	37.132	.000v	184.09	92.53

889	450	225	0	37.206	.000v	182.81	89.72
890	475	225	0	37.052	.000v	185.53	85.55
891	500	225	0	36.664	.000v	167.37	79.54
892	525	225	0	36.293	.000v	156.68	76.08
893	550	225	0	35.921	.000v	151.95	73.37
894	575	225	0	35.538	.000v	150.51	71.91
895	600	225	0	35.131	.000v	144.17	68.01
896	625	225	0	34.783	.000v	141.79	65.70
897	650	225	0	34.495	.000v	136.81	64.79
898	675	225	0	34.223	.000v	130.27	63.76
899	700	225	0	33.964	.000v	124.48	60.79
900	725	225	0	33.711	.000v	118.81	58.22
901	750	225	0	33.467	.000v	117.86	57.45
902	775	225	0	33.223	.000v	116.13	55.47
903	800	225	0	33.020	.000v	113.69	54.86
904	825	225	0	32.844	.000v	109.20	53.43
905	850	225	0	32.682	.000v	107.47	52.09
906	875	225	0	32.511	.000v	103.58	50.87
907	900	225	0	32.352	.000v	98.82	49.34
908	925	225	0	32.210	.000v	96.14	47.48
909	950	225	0	32.084	.000v	92.79	45.84
910	975	225	0	31.955	.000v	90.75	45.00
911	1000	225	0	31.844	.000v	88.21	44.08
912	1025	225	0	31.735	.000v	86.11	42.66
913	1050	225	0	31.629	.000v	83.71	41.40
914	1075	225	0	31.523	.000v	80.64	39.83
915	1100	225	0	31.437	.000v	78.80	38.84
916	1125	225	0	31.348	.000v	77.76	38.15
917	1150	225	0	31.260	.000v	76.51	37.91
918	1175	225	0	31.182	.000v	74.76	36.95
919	1200	225	0	31.113	.000v	74.06	36.50
920	1225	225	0	31.030	.000v	72.67	35.96
921	1250	225	0	30.945	.000v	71.75	34.83
922	1275	225	0	30.868	.000v	69.66	32.94
923	1300	225	0	30.797	.000v	69.20	33.43
924	1325	225	0	30.724	.000v	67.28	31.86
925	1350	225	0	30.647	.000v	67.94	31.83
926	1375	225	0	30.578	.000v	65.99	30.78
927	1400	225	0	30.511	.000v	65.18	30.22
928	1425	225	0	30.445	.000v	63.95	29.31
929	1450	225	0	30.373	.000v	63.31	28.36
930	1475	225	0	30.311	.000v	62.48	28.32
931	1500	225	0	30.245	.000v	61.81	27.06
932	1525	225	0	30.179	.000v	60.55	26.85
933	1550	225	0	30.105	.000v	60.36	25.62
934	1575	225	0	30.040	.000v	59.30	25.59
935	1600	225	0	29.969	.000v	58.21	25.87
936	1625	225	0	29.892	.000v	56.64	25.49
937	1650	225	0	29.818	.000v	57.83	24.49
938	1675	225	0	29.743	.000v	56.98	23.93
939	1700	225	0	29.662	.000v	56.13	23.25
940	1725	225	0	29.573	.000v	55.26	23.12
941	1750	225	0	29.485	.000v	56.39	22.05
942	1775	225	0	29.391	.000v	55.61	22.78
943	1800	225	0	29.293	.000v	54.73	22.02
944	1825	225	0	29.181	.000v	54.30	21.47
945	1850	225	0	29.071	.000v	54.34	20.75
946	1875	225	0	28.963	.000v	53.02	21.18
947	1900	225	0	28.856	.000v	52.28	20.00
948	1925	225	0	28.758	.000v	52.43	19.94
949	-25	250	0	29.175	.000v	43.07	22.40
950	0	250	0	29.512	.000v	49.21	28.63
951	25	250	0	30.036	.000v	58.02	35.62
952	50	250	0	30.832	.000v	67.52	45.42
953	75	250	0	31.957	.000v	80.75	55.65
954	100	250	0	33.303	.000v	104.09	70.85
955	125	250	0	34.641	.000v	118.03	87.06
956	150	250	0	35.926	.000v	136.58	94.06
957	175	250	0	36.986	.000v	157.10	96.83
958	200	250	0	37.358	.000v	170.59	97.36
959	225	250	0	37.368	.000v	159.15	93.46
960	250	250	0	37.330	.000v	145.05	89.47
961	275	250	0	37.079	.000v	131.71	89.79
962	300	250	0	36.745	.000v	130.89	85.12
963	325	250	0	36.424	.000v	136.02	77.87
964	350	250	0	36.080	.000v	138.51	72.07
965	375	250	0	35.661	.000v	135.97	67.33

966	400	250	0	35.228	.000v	135.60	65.53
967	425	250	0	34.818	.000v	128.84	62.86
968	450	250	0	34.477	.000v	123.57	59.74
969	475	250	0	34.153	.000v	118.64	58.21
970	500	250	0	33.894	.000v	117.69	56.65
971	525	250	0	33.650	.000v	111.94	55.57
972	550	250	0	33.425	.000v	107.83	53.84
973	575	250	0	33.213	.000v	107.31	52.75
974	600	250	0	32.996	.000v	103.06	50.93
975	625	250	0	32.806	.000v	104.28	51.51
976	650	250	0	32.643	.000v	101.56	50.28
977	675	250	0	32.504	.000v	100.74	49.79
978	700	250	0	32.357	.000v	96.68	47.77
979	725	250	0	32.217	.000v	95.88	47.73
980	750	250	0	32.084	.000v	93.24	46.26
981	775	250	0	31.951	.000v	91.33	45.06
982	800	250	0	31.831	.000v	88.15	43.34
983	825	250	0	31.724	.000v	87.91	43.74
984	850	250	0	31.624	.000v	86.40	42.47
985	875	250	0	31.517	.000v	82.97	41.15
986	900	250	0	31.422	.000v	81.22	39.95
987	925	250	0	31.334	.000v	80.03	39.39
988	950	250	0	31.250	.000v	77.90	37.89
989	975	250	0	31.167	.000v	75.45	37.02
990	1000	250	0	31.092	.000v	74.81	36.81
991	1025	250	0	31.021	.000v	73.94	36.30
992	1050	250	0	30.950	.000v	71.13	34.98
993	1075	250	0	30.874	.000v	69.38	33.67
994	1100	250	0	30.815	.000v	68.09	33.25
995	1125	250	0	30.759	.000v	67.53	32.21
996	1150	250	0	30.694	.000v	65.76	30.55
997	1175	250	0	30.637	.000v	64.44	30.42
998	1200	250	0	30.587	.000v	63.61	29.92
999	1225	250	0	30.531	.000v	63.57	29.48
1000	1250	250	0	30.466	.000v	62.18	28.19
1001	1275	250	0	30.406	.000v	60.57	27.19
1002	1300	250	0	30.353	.000v	59.87	26.95
1003	1325	250	0	30.297	.000v	59.97	26.13
1004	1350	250	0	30.236	.000v	58.84	25.57
1005	1375	250	0	30.179	.000v	57.36	24.90
1006	1400	250	0	30.129	.000v	57.39	24.92
1007	1425	250	0	30.070	.000v	57.04	24.76
1008	1450	250	0	30.014	.000v	55.81	24.13
1009	1475	250	0	29.960	.000v	55.23	23.25
1010	1500	250	0	29.909	.000v	55.36	22.62
1011	1525	250	0	29.847	.000v	54.07	22.18
1012	1550	250	0	29.789	.000v	52.98	22.51
1013	1575	250	0	29.731	.000v	53.21	22.27
1014	1600	250	0	29.673	.000v	52.89	22.12
1015	1625	250	0	29.606	.000v	51.23	22.03
1016	1650	250	0	29.543	.000v	51.52	20.91
1017	1675	250	0	29.477	.000v	51.26	20.23
1018	1700	250	0	29.407	.000v	50.37	19.52
1019	1725	250	0	29.334	.000v	49.59	19.43
1020	1750	250	0	29.259	.000v	50.60	19.02
1021	1775	250	0	29.182	.000v	50.02	19.25
1022	1800	250	0	29.094	.000v	49.50	18.63
1023	1825	250	0	29.009	.000v	49.05	18.30
1024	1850	250	0	28.923	.000v	48.88	18.53
1025	1875	250	0	28.834	.000v	47.49	17.80
1026	1900	250	0	28.747	.000v	47.87	18.04
1027	1925	250	0	28.671	.000v	47.74	17.52
1028	-25	275	0	29.401	.000v	52.31	27.86
1029	0	275	0	29.970	.000v	65.22	39.11
1030	25	275	0	30.905	.000v	79.63	50.30
1031	50	275	0	32.493	.000v	105.47	66.21
1032	75	275	0	34.302	.000v	122.09	78.11
1033	100	275	0	35.793	.000v	115.29	75.95
1034	125	275	0	36.654	.000v	113.30	90.56
1035	150	275	0	36.719	.000v	118.85	79.35
1036	175	275	0	36.095	.000v	100.81	71.06
1037	200	275	0	35.530	.000v	88.82	67.94
1038	225	275	0	35.082	.000v	91.19	61.89
1039	250	275	0	34.655	.000v	92.20	57.64
1040	275	275	0	34.292	.000v	91.47	54.92
1041	300	275	0	34.001	.000v	89.18	52.38
1042	325	275	0	33.749	.000v	90.07	49.58

1043	350	275	0	33.502	.000v	89.30	46.83
1044	375	275	0	33.244	.000v	92.88	46.20
1045	400	275	0	32.986	.000v	90.73	45.05
1046	425	275	0	32.765	.000v	92.22	45.43
1047	450	275	0	32.588	.000v	91.08	45.28
1048	475	275	0	32.422	.000v	90.81	44.94
1049	500	275	0	32.276	.000v	88.60	43.92
1050	525	275	0	32.139	.000v	87.02	43.17
1051	550	275	0	32.015	.000v	85.04	42.16
1052	575	275	0	31.900	.000v	85.01	42.37
1053	600	275	0	31.788	.000v	82.53	41.15
1054	625	275	0	31.676	.000v	82.11	40.64
1055	650	275	0	31.585	.000v	80.57	39.99
1056	675	275	0	31.494	.000v	79.05	39.15
1057	700	275	0	31.416	.000v	80.41	39.95
1058	725	275	0	31.329	.000v	78.73	39.19
1059	750	275	0	31.247	.000v	77.12	37.96
1060	775	275	0	31.156	.000v	74.85	36.82
1061	800	275	0	31.080	.000v	74.04	36.39
1062	825	275	0	31.011	.000v	71.91	35.27
1063	850	275	0	30.942	.000v	72.17	35.56
1064	875	275	0	30.865	.000v	70.04	34.23
1065	900	275	0	30.801	.000v	69.01	33.72
1066	925	275	0	30.744	.000v	66.55	32.48
1067	950	275	0	30.688	.000v	66.33	31.14
1068	975	275	0	30.623	.000v	65.15	31.03
1069	1000	275	0	30.568	.000v	64.31	30.42
1070	1025	275	0	30.523	.000v	62.97	29.35
1071	1050	275	0	30.473	.000v	62.49	29.16
1072	1075	275	0	30.418	.000v	61.73	27.28
1073	1100	275	0	30.370	.000v	59.86	26.55
1074	1125	275	0	30.330	.000v	58.41	26.24
1075	1150	275	0	30.281	.000v	57.89	24.98
1076	1175	275	0	30.244	.000v	57.53	24.93
1077	1200	275	0	30.204	.000v	56.18	24.25
1078	1225	275	0	30.160	.000v	55.43	24.54
1079	1250	275	0	30.109	.000v	55.26	23.45
1080	1275	275	0	30.067	.000v	54.55	23.56
1081	1300	275	0	30.020	.000v	53.27	22.72
1082	1325	275	0	29.967	.000v	53.18	22.38
1083	1350	275	0	29.922	.000v	52.74	22.11
1084	1375	275	0	29.879	.000v	51.73	22.01
1085	1400	275	0	29.833	.000v	51.49	21.49
1086	1425	275	0	29.782	.000v	50.75	20.90
1087	1450	275	0	29.738	.000v	50.50	21.11
1088	1475	275	0	29.692	.000v	49.60	20.28
1089	1500	275	0	29.645	.000v	50.43	19.56
1090	1525	275	0	29.592	.000v	48.87	19.67
1091	1550	275	0	29.544	.000v	48.17	19.44
1092	1575	275	0	29.494	.000v	47.62	19.70
1093	1600	275	0	29.438	.000v	48.01	19.42
1094	1625	275	0	29.383	.000v	47.32	18.64
1095	1650	275	0	29.331	.000v	47.08	18.36
1096	1675	275	0	29.272	.000v	46.25	17.94
1097	1700	275	0	29.209	.000v	45.38	17.48
1098	1725	275	0	29.149	.000v	45.78	17.14
1099	1750	275	0	29.088	.000v	46.12	16.80
1100	1775	275	0	29.015	.000v	45.52	17.13
1101	1800	275	0	28.947	.000v	45.22	16.69
1102	1825	275	0	28.878	.000v	44.98	16.41
1103	1850	275	0	28.805	.000v	44.31	16.44
1104	1875	275	0	28.730	.000v	44.37	16.30
1105	1900	275	0	28.663	.000v	44.28	15.98
1106	1925	275	0	28.599	.000v	43.57	14.70
1107	-25	300	0	29.610	.000v	59.18	30.24
1108	0	300	0	30.464	.000v	83.26	47.10
1109	25	300	0	31.891	.000v	111.32	71.89
1110	50	300	0	33.640	.000v	102.08	71.06
1111	75	300	0	34.877	.000v	86.55	61.29
1112	100	300	0	34.992	.000v	74.04	63.46
1113	125	300	0	34.478	.000v	66.97	56.29
1114	150	300	0	33.834	.000v	67.09	50.84
1115	175	300	0	33.377	.000v	70.48	48.21
1116	200	300	0	33.049	.000v	68.02	44.48
1117	225	300	0	32.796	.000v	65.77	42.39
1118	250	300	0	32.588	.000v	64.72	40.65
1119	275	300	0	32.402	.000v	67.42	38.90

1120	300	300	0	32.250	.000v	69.69	37.30
1121	325	300	0	32.114	.000v	71.50	35.90
1122	350	300	0	31.986	.000v	70.02	33.99
1123	375	300	0	31.852	.000v	69.48	33.46
1124	400	300	0	31.721	.000v	71.45	34.47
1125	425	300	0	31.602	.000v	73.00	33.79
1126	450	300	0	31.502	.000v	72.48	34.06
1127	475	300	0	31.408	.000v	71.70	34.29
1128	500	300	0	31.324	.000v	72.68	33.75
1129	525	300	0	31.242	.000v	71.38	33.92
1130	550	300	0	31.168	.000v	71.85	33.49
1131	575	300	0	31.091	.000v	69.68	33.61
1132	600	300	0	31.030	.000v	70.49	33.86
1133	625	300	0	30.966	.000v	69.87	33.40
1134	650	300	0	30.903	.000v	68.53	32.77
1135	675	300	0	30.844	.000v	67.13	32.25
1136	700	300	0	30.791	.000v	68.61	33.03
1137	725	300	0	30.744	.000v	68.06	32.66
1138	750	300	0	30.685	.000v	66.37	32.12
1139	775	300	0	30.618	.000v	65.07	30.30
1140	800	300	0	30.563	.000v	63.98	30.04
1141	825	300	0	30.517	.000v	63.76	30.30
1142	850	300	0	30.465	.000v	62.85	29.24
1143	875	300	0	30.409	.000v	60.88	28.12
1144	900	300	0	30.361	.000v	59.36	27.32
1145	925	300	0	30.318	.000v	59.48	26.41
1146	950	300	0	30.273	.000v	58.44	25.94
1147	975	300	0	30.230	.000v	56.61	25.09
1148	1000	300	0	30.191	.000v	56.37	24.59
1149	1025	300	0	30.150	.000v	56.00	23.84
1150	1050	300	0	30.106	.000v	54.49	23.72
1151	1075	300	0	30.072	.000v	53.73	23.02
1152	1100	300	0	30.037	.000v	53.77	22.34
1153	1125	300	0	30.004	.000v	52.68	21.63
1154	1150	300	0	29.967	.000v	51.03	22.18
1155	1175	300	0	29.938	.000v	51.73	21.33
1156	1200	300	0	29.905	.000v	50.91	21.27
1157	1225	300	0	29.872	.000v	49.54	20.64
1158	1250	300	0	29.835	.000v	49.01	20.58
1159	1275	300	0	29.797	.000v	49.38	20.28
1160	1300	300	0	29.754	.000v	48.41	19.17
1161	1325	300	0	29.717	.000v	48.07	18.73
1162	1350	300	0	29.678	.000v	47.91	19.12
1163	1375	300	0	29.640	.000v	47.14	18.57
1164	1400	300	0	29.594	.000v	46.22	18.75
1165	1425	300	0	29.557	.000v	46.36	18.48
1166	1450	300	0	29.518	.000v	45.96	18.37
1167	1475	300	0	29.479	.000v	45.91	18.08
1168	1500	300	0	29.431	.000v	45.24	17.73
1169	1525	300	0	29.390	.000v	44.48	18.14
1170	1550	300	0	29.349	.000v	43.61	17.67
1171	1575	300	0	29.301	.000v	43.99	17.43
1172	1600	300	0	29.254	.000v	44.24	17.13
1173	1625	300	0	29.208	.000v	43.73	17.14
1174	1650	300	0	29.161	.000v	42.58	16.58
1175	1675	300	0	29.105	.000v	41.68	15.83
1176	1700	300	0	29.057	.000v	43.15	15.75
1177	1725	300	0	29.004	.000v	42.92	15.59
1178	1750	300	0	28.945	.000v	42.12	14.34
1179	1775	300	0	28.888	.000v	41.26	14.08
1180	1800	300	0	28.832	.000v	42.11	14.04
1181	1825	300	0	28.771	.000v	42.04	14.01
1182	1850	300	0	28.708	.000v	41.62	13.87
1183	1875	300	0	28.649	.000v	40.71	13.57
1184	1900	300	0	28.594	.000v	40.23	13.41
1185	1925	300	0	28.533	.000v	40.59	13.28
1186	-25	325	0	29.662	.000v	54.81	28.81
1187	0	325	0	30.405	.000v	68.55	40.08
1188	25	325	0	31.502	.000v	74.55	50.49
1189	50	325	0	32.388	.000v	63.79	54.58
1190	75	325	0	32.612	.000v	54.06	49.13
1191	100	325	0	32.432	.000v	53.00	44.24
1192	125	325	0	32.188	.000v	53.63	39.51
1193	150	325	0	31.956	.000v	52.66	35.89
1194	175	325	0	31.774	.000v	53.21	34.33
1195	200	325	0	31.628	.000v	53.94	32.88
1196	225	325	0	31.510	.000v	54.50	31.82

1197	250	325	0	31.405	.000v	53.24	30.66
1198	275	325	0	31.321	.000v	54.37	30.11
1199	300	325	0	31.237	.000v	57.00	28.95
1200	325	325	0	31.162	.000v	57.42	28.14
1201	350	325	0	31.084	.000v	57.37	27.18
1202	375	325	0	31.014	.000v	60.11	26.84
1203	400	325	0	30.940	.000v	60.22	26.61
1204	425	325	0	30.872	.000v	60.06	26.88
1205	450	325	0	30.810	.000v	60.13	26.06
1206	475	325	0	30.751	.000v	62.06	26.09
1207	500	325	0	30.700	.000v	61.80	26.90
1208	525	325	0	30.646	.000v	60.45	26.24
1209	550	325	0	30.600	.000v	60.42	26.92
1210	575	325	0	30.554	.000v	61.45	26.84
1211	600	325	0	30.507	.000v	61.35	26.77
1212	625	325	0	30.463	.000v	60.44	27.28
1213	650	325	0	30.424	.000v	59.00	26.85
1214	675	325	0	30.389	.000v	59.66	26.83
1215	700	325	0	30.350	.000v	59.65	26.76
1216	725	325	0	30.312	.000v	58.62	26.66
1217	750	325	0	30.270	.000v	58.47	26.20
1218	775	325	0	30.227	.000v	58.05	25.41
1219	800	325	0	30.185	.000v	57.16	24.64
1220	825	325	0	30.146	.000v	55.80	24.50
1221	850	325	0	30.099	.000v	55.62	23.52
1222	875	325	0	30.064	.000v	54.69	23.68
1223	900	325	0	30.026	.000v	53.28	22.89
1224	925	325	0	29.999	.000v	52.30	23.08
1225	950	325	0	29.957	.000v	52.19	20.95
1226	975	325	0	29.923	.000v	51.34	21.32
1227	1000	325	0	29.891	.000v	50.35	21.05
1228	1025	325	0	29.866	.000v	49.90	20.78
1229	1050	325	0	29.831	.000v	49.40	19.90
1230	1075	325	0	29.801	.000v	48.48	19.55
1231	1100	325	0	29.774	.000v	48.03	19.87
1232	1125	325	0	29.745	.000v	47.20	18.58
1233	1150	325	0	29.718	.000v	47.08	18.39
1234	1175	325	0	29.697	.000v	46.86	18.13
1235	1200	325	0	29.665	.000v	45.69	17.95
1236	1225	325	0	29.642	.000v	44.60	18.33
1237	1250	325	0	29.616	.000v	45.11	18.00
1238	1275	325	0	29.579	.000v	44.73	17.48
1239	1300	325	0	29.546	.000v	44.17	17.44
1240	1325	325	0	29.513	.000v	43.50	17.14
1241	1350	325	0	29.481	.000v	43.58	17.39
1242	1375	325	0	29.440	.000v	42.41	17.02
1243	1400	325	0	29.408	.000v	42.49	17.09
1244	1425	325	0	29.375	.000v	42.30	16.85
1245	1450	325	0	29.341	.000v	42.44	16.75
1246	1475	325	0	29.298	.000v	41.77	15.72
1247	1500	325	0	29.263	.000v	41.07	15.37
1248	1525	325	0	29.228	.000v	41.26	15.24
1249	1550	325	0	29.187	.000v	41.09	14.69
1250	1575	325	0	29.144	.000v	40.95	13.85
1251	1600	325	0	29.106	.000v	40.24	13.61
1252	1625	325	0	29.065	.000v	40.03	13.34
1253	1650	325	0	29.018	.000v	39.96	13.32
1254	1675	325	0	28.975	.000v	39.97	13.32
1255	1700	325	0	28.928	.000v	39.28	13.03
1256	1725	325	0	28.881	.000v	38.94	12.90
1257	1750	325	0	28.833	.000v	38.92	12.90
1258	1775	325	0	28.786	.000v	39.06	12.92
1259	1800	325	0	28.730	.000v	39.01	12.80
1260	1825	325	0	28.681	.000v	38.62	12.62
1261	1850	325	0	28.632	.000v	37.78	12.32
1262	1875	325	0	28.578	.000v	38.25	12.41
1263	1900	325	0	28.528	.000v	38.00	12.32
1264	1925	325	0	28.483	.000v	37.39	12.01
1265	-25	350	0	29.528	.000v	44.60	24.01
1266	0	350	0	29.977	.000v	48.96	29.04
1267	25	350	0	30.493	.000v	47.80	35.85
1268	50	350	0	30.874	.000v	43.37	37.79
1269	75	350	0	31.020	.000v	45.33	36.13
1270	100	350	0	31.020	.000v	44.65	33.25
1271	125	350	0	30.967	.000v	45.41	30.65
1272	150	350	0	30.897	.000v	47.34	28.61
1273	175	350	0	30.833	.000v	47.72	27.39

1274	200	350	0	30.768	.000v	46.89	26.36
1275	225	350	0	30.723	.000v	46.36	25.70
1276	250	350	0	30.670	.000v	47.92	25.05
1277	275	350	0	30.624	.000v	46.89	24.51
1278	300	350	0	30.577	.000v	48.50	23.77
1279	325	350	0	30.537	.000v	49.29	23.08
1280	350	350	0	30.497	.000v	51.00	22.77
1281	375	350	0	30.451	.000v	51.06	22.19
1282	400	350	0	30.406	.000v	52.86	22.00
1283	425	350	0	30.364	.000v	50.86	22.13
1284	450	350	0	30.331	.000v	52.73	22.81
1285	475	350	0	30.292	.000v	52.90	22.16
1286	500	350	0	30.254	.000v	53.29	21.89
1287	525	350	0	30.219	.000v	54.26	22.57
1288	550	350	0	30.188	.000v	54.51	21.52
1289	575	350	0	30.160	.000v	53.30	21.79
1290	600	350	0	30.129	.000v	52.55	22.11
1291	625	350	0	30.098	.000v	54.16	22.29
1292	650	350	0	30.070	.000v	53.43	22.82
1293	675	350	0	30.043	.000v	52.47	23.40
1294	700	350	0	30.017	.000v	53.28	23.60
1295	725	350	0	29.995	.000v	52.81	23.23
1296	750	350	0	29.962	.000v	52.16	22.69
1297	775	350	0	29.920	.000v	52.12	21.51
1298	800	350	0	29.888	.000v	51.74	20.81
1299	825	350	0	29.864	.000v	50.75	20.82
1300	850	350	0	29.823	.000v	49.80	20.32
1301	875	350	0	29.795	.000v	49.15	20.10
1302	900	350	0	29.768	.000v	48.54	19.65
1303	925	350	0	29.736	.000v	46.70	19.09
1304	950	350	0	29.706	.000v	46.96	18.48
1305	975	350	0	29.686	.000v	46.26	18.68
1306	1000	350	0	29.663	.000v	46.00	17.97
1307	1025	350	0	29.629	.000v	44.89	17.69
1308	1050	350	0	29.604	.000v	44.71	17.93
1309	1075	350	0	29.586	.000v	43.76	17.91
1310	1100	350	0	29.563	.000v	43.89	17.39
1311	1125	350	0	29.539	.000v	43.28	16.76
1312	1150	350	0	29.517	.000v	43.35	16.66
1313	1175	350	0	29.493	.000v	42.12	16.76
1314	1200	350	0	29.472	.000v	41.42	16.94
1315	1225	350	0	29.458	.000v	41.35	16.65
1316	1250	350	0	29.433	.000v	42.24	16.12
1317	1275	350	0	29.404	.000v	41.35	15.71
1318	1300	350	0	29.375	.000v	40.31	15.46
1319	1325	350	0	29.347	.000v	40.12	15.06
1320	1350	350	0	29.311	.000v	39.97	13.82
1321	1375	350	0	29.284	.000v	40.32	13.79
1322	1400	350	0	29.255	.000v	39.87	13.68
1323	1425	350	0	29.218	.000v	38.85	12.95
1324	1450	350	0	29.188	.000v	38.51	12.84
1325	1475	350	0	29.156	.000v	39.22	13.07
1326	1500	350	0	29.125	.000v	38.97	12.99
1327	1525	350	0	29.085	.000v	38.17	12.62
1328	1550	350	0	29.054	.000v	37.67	12.39
1329	1575	350	0	29.018	.000v	38.13	12.60
1330	1600	350	0	28.979	.000v	37.76	12.46
1331	1625	350	0	28.942	.000v	37.29	12.24
1332	1650	350	0	28.906	.000v	36.99	12.10
1333	1675	350	0	28.865	.000v	36.34	11.94
1334	1700	350	0	28.823	.000v	37.21	12.12
1335	1725	350	0	28.785	.000v	36.88	12.03
1336	1750	350	0	28.743	.000v	36.42	12.00
1337	1775	350	0	28.696	.000v	35.41	11.48
1338	1800	350	0	28.654	.000v	36.75	11.78
1339	1825	350	0	28.609	.000v	36.64	11.61
1340	1850	350	0	28.564	.000v	36.09	11.51
1341	1875	350	0	28.520	.000v	34.59	11.09
1342	1900	350	0	28.479	.000v	35.99	11.42
1343	1925	350	0	28.433	.000v	35.52	11.10
1344	-25	375	0	29.328	.000v	35.39	19.25
1345	0	375	0	29.599	.000v	36.59	23.60
1346	25	375	0	29.872	.000v	35.27	27.07
1347	50	375	0	30.086	.000v	32.37	29.14
1348	75	375	0	30.205	.000v	35.97	28.25
1349	100	375	0	30.251	.000v	41.59	26.68
1350	125	375	0	30.263	.000v	42.99	25.08

1351	150	375	0	30.252	.000v	42.66	23.56
1352	175	375	0	30.234	.000v	42.46	23.09
1353	200	375	0	30.213	.000v	42.56	22.25
1354	225	375	0	30.192	.000v	42.55	21.78
1355	250	375	0	30.175	.000v	41.96	21.29
1356	275	375	0	30.150	.000v	42.82	20.98
1357	300	375	0	30.123	.000v	43.97	20.38
1358	325	375	0	30.098	.000v	43.03	19.77
1359	350	375	0	30.075	.000v	45.51	19.61
1360	375	375	0	30.047	.000v	44.97	19.31
1361	400	375	0	30.022	.000v	45.10	18.88
1362	425	375	0	29.993	.000v	45.61	18.71
1363	450	375	0	29.967	.000v	47.27	19.20
1364	475	375	0	29.945	.000v	46.65	18.70
1365	500	375	0	29.924	.000v	47.38	19.09
1366	525	375	0	29.900	.000v	48.00	19.09
1367	550	375	0	29.878	.000v	48.48	19.35
1368	575	375	0	29.857	.000v	48.39	18.33
1369	600	375	0	29.833	.000v	48.07	18.78
1370	625	375	0	29.819	.000v	48.72	19.18
1371	650	375	0	29.796	.000v	48.35	19.75
1372	675	375	0	29.777	.000v	48.32	19.78
1373	700	375	0	29.756	.000v	47.88	19.57
1374	725	375	0	29.739	.000v	48.09	19.58
1375	750	375	0	29.705	.000v	47.04	19.25
1376	775	375	0	29.686	.000v	46.96	18.95
1377	800	375	0	29.659	.000v	47.46	18.32
1378	825	375	0	29.629	.000v	46.03	17.90
1379	850	375	0	29.601	.000v	45.53	17.78
1380	875	375	0	29.581	.000v	44.85	17.42
1381	900	375	0	29.552	.000v	44.00	17.57
1382	925	375	0	29.532	.000v	43.08	16.88
1383	950	375	0	29.510	.000v	43.33	16.41
1384	975	375	0	29.487	.000v	42.52	16.66
1385	1000	375	0	29.460	.000v	41.78	16.44
1386	1025	375	0	29.448	.000v	41.18	16.30
1387	1050	375	0	29.427	.000v	40.55	16.37
1388	1075	375	0	29.402	.000v	40.73	15.61
1389	1100	375	0	29.381	.000v	40.70	15.04
1390	1125	375	0	29.366	.000v	40.14	15.06
1391	1150	375	0	29.345	.000v	38.59	14.06
1392	1175	375	0	29.328	.000v	38.66	13.74
1393	1200	375	0	29.314	.000v	39.38	13.39
1394	1225	375	0	29.296	.000v	38.90	12.97
1395	1250	375	0	29.277	.000v	37.75	12.58
1396	1275	375	0	29.258	.000v	37.22	12.41
1397	1300	375	0	29.234	.000v	38.15	12.72
1398	1325	375	0	29.202	.000v	37.85	12.55
1399	1350	375	0	29.178	.000v	37.13	12.24
1400	1375	375	0	29.151	.000v	36.54	12.08
1401	1400	375	0	29.122	.000v	36.75	12.07
1402	1425	375	0	29.092	.000v	37.20	12.26
1403	1450	375	0	29.066	.000v	36.65	12.00
1404	1475	375	0	29.038	.000v	35.93	11.84
1405	1500	375	0	29.003	.000v	35.22	11.57
1406	1525	375	0	28.974	.000v	35.94	11.75
1407	1550	375	0	28.941	.000v	35.48	11.62
1408	1575	375	0	28.909	.000v	34.96	11.32
1409	1600	375	0	28.876	.000v	34.54	11.33
1410	1625	375	0	28.845	.000v	34.86	11.36
1411	1650	375	0	28.807	.000v	34.49	11.27
1412	1675	375	0	28.773	.000v	34.40	11.22
1413	1700	375	0	28.739	.000v	34.18	11.02
1414	1725	375	0	28.699	.000v	34.20	11.12
1415	1750	375	0	28.663	.000v	34.30	11.09
1416	1775	375	0	28.625	.000v	34.11	10.95
1417	1800	375	0	28.587	.000v	33.63	10.68
1418	1825	375	0	28.546	.000v	34.22	10.66
1419	1850	375	0	28.509	.000v	34.26	10.73
1420	1875	375	0	28.467	.000v	33.58	10.35
1421	1900	375	0	28.431	.000v	32.31	10.18
1422	1925	375	0	28.397	.000v	33.49	10.27
	wartosci srednie			31.118	.004	89.77	46.71

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]

tlo stezenia R = 14.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	-25	-50	0	14.002v	.000v	.22	.06v
2	0	-50	0	14.003	.000v	.26	.08
3	25	-50	0	14.003	.000v	.29	.09
4	50	-50	0	14.003	.000v	.31	.11
5	75	-50	0	14.003	.000v	.31	.12
6	100	-50	0	14.003	.000v	.31	.14
7	125	-50	0	14.004	.000v	.33	.16
8	150	-50	0	14.004	.000v	.33	.16
9	175	-50	0	14.004	.000v	.33	.16
10	200	-50	0	14.004	.000v	.35	.18
11	225	-50	0	14.005	.000v	.35	.22
12	250	-50	0	14.005	.000v	.37	.24
13	275	-50	0	14.005	.000v	.37	.24
14	300	-50	0	14.006	.000v	.38	.29
15	325	-50	0	14.006	.000v	.39	.32
16	350	-50	0	14.006	.000v	.40	.31
17	375	-50	0	14.006	.000v	.41	.33
18	400	-50	0	14.007	.000v	.41	.31
19	425	-50	0	14.007	.000v	.42	.33
20	450	-50	0	14.007	.000v	.43	.32
21	475	-50	0	14.008	.000v	.45	.32
22	500	-50	0	14.008	.000v	.45	.33
23	525	-50	0	14.008	.000v	.46	.33
24	550	-50	0	14.008	.000v	.46	.33
25	575	-50	0	14.009	.000v	.47	.34
26	600	-50	0	14.009	.000v	.49	.34
27	625	-50	0	14.009	.000v	.50	.34
28	650	-50	0	14.009	.000v	.50	.34
29	675	-50	0	14.009	.000v	.49	.35
30	700	-50	0	14.010	.000v	.50	.35
31	725	-50	0	14.010	.000v	.50	.36
32	750	-50	0	14.010	.000v	.50	.35
33	775	-50	0	14.010	.000v	.49	.36
34	800	-50	0	14.011	.000v	.50	.36
35	825	-50	0	14.011	.000v	.51	.37
36	850	-50	0	14.011	.000v	.51	.37
37	875	-50	0	14.011	.000v	.50	.37
38	900	-50	0	14.011	.000v	.52	.38
39	925	-50	0	14.012	.000v	.53	.39
40	950	-50	0	14.012	.000v	.53	.38
41	975	-50	0	14.012	.000v	.54	.40
42	1000	-50	0	14.012	.000v	.55	.39
43	1025	-50	0	14.013	.000v	.56	.40
44	1050	-50	0	14.013	.000v	.55	.41
45	1075	-50	0	14.013	.000v	.58	.42
46	1100	-50	0	14.013	.000v	.59	.41
47	1125	-50	0	14.014	.000v	.59	.42
48	1150	-50	0	14.014	.000v	.60	.42
49	1175	-50	0	14.014	.000v	.61	.43
50	1200	-50	0	14.015	.000v	.62	.43
51	1225	-50	0	14.015	.000v	.63	.44
52	1250	-50	0	14.015	.000v	.64	.44
53	1275	-50	0	14.016	.000v	.65	.44
54	1300	-50	0	14.016	.000v	.67	.46
55	1325	-50	0	14.016	.000v	.68	.46
56	1350	-50	0	14.016	.000v	.69	.46
57	1375	-50	0	14.017	.000v	.70	.47
58	1400	-50	0	14.017	.000v	.73	.48
59	1425	-50	0	14.017	.000v	.73	.48
60	1450	-50	0	14.017	.000v	.76	.48
61	1475	-50	0	14.018	.000v	.78	.48
62	1500	-50	0	14.018	.000v	.79	.49
63	1525	-50	0	14.018	.000v	.80	.48
64	1550	-50	0	14.018	.000v	.82	.47
65	1575	-50	0	14.018	.000v	.85	.48
66	1600	-50	0	14.018	.000v	.86	.50
67	1625	-50	0	14.018	.000v	.86	.49
68	1650	-50	0	14.018	.000v	.87	.49
69	1675	-50	0	14.018	.000v	.90	.48
70	1700	-50	0	14.018	.000v	.90	.50
71	1725	-50	0	14.018	.000v	.89	.50

72	1750	-50	0	14.018	.000v	.88	.49
73	1775	-50	0	14.018	.000v	.91	.49
74	1800	-50	0	14.017	.000v	.92	.52
75	1825	-50	0	14.017	.000v	.92	.51
76	1850	-50	0	14.016	.000v	.91	.53
77	1875	-50	0	14.015	.000v	.93	.53
78	1900	-50	0	14.014	.000v	.94	.51
79	1925	-50	0	14.013	.000v	.95	.47
80	-25	-25	0	14.003	.000v	.22	.06
81	0	-25	0	14.003	.000v	.27	.08
82	25	-25	0	14.003	.000v	.29	.10
83	50	-25	0	14.003	.000v	.30	.12
84	75	-25	0	14.004	.000v	.33	.13
85	100	-25	0	14.004	.000v	.32	.16
86	125	-25	0	14.004	.000v	.34	.17
87	150	-25	0	14.004	.000v	.35	.17
88	175	-25	0	14.005	.000v	.35	.18
89	200	-25	0	14.005	.000v	.37	.22
90	225	-25	0	14.005	.000v	.37	.24
91	250	-25	0	14.006	.000v	.39	.25
92	275	-25	0	14.006	.000v	.40	.29
93	300	-25	0	14.006	.000v	.40	.33
94	325	-25	0	14.007	.000v	.42	.35
95	350	-25	0	14.007	.000v	.43	.34
96	375	-25	0	14.007	.000v	.44	.34
97	400	-25	0	14.008	.000v	.44	.34
98	425	-25	0	14.008	.000v	.46	.34
99	450	-25	0	14.008	.000v	.48	.35
100	475	-25	0	14.009	.000v	.48	.35
101	500	-25	0	14.009	.000v	.48	.34
102	525	-25	0	14.009	.000v	.49	.35
103	550	-25	0	14.010	.000v	.51	.35
104	575	-25	0	14.010	.000v	.52	.36
105	600	-25	0	14.010	.000v	.53	.35
106	625	-25	0	14.010	.000v	.53	.37
107	650	-25	0	14.011	.000v	.55	.36
108	675	-25	0	14.011	.000v	.56	.37
109	700	-25	0	14.011	.000v	.54	.38
110	725	-25	0	14.012	.000v	.54	.38
111	750	-25	0	14.012	.000v	.53	.38
112	775	-25	0	14.012	.000v	.56	.39
113	800	-25	0	14.012	.000v	.56	.40
114	825	-25	0	14.012	.000v	.55	.39
115	850	-25	0	14.013	.000v	.56	.39
116	875	-25	0	14.013	.000v	.58	.40
117	900	-25	0	14.013	.000v	.58	.41
118	925	-25	0	14.014	.000v	.57	.41
119	950	-25	0	14.014	.000v	.60	.40
120	975	-25	0	14.014	.000v	.61	.41
121	1000	-25	0	14.015	.000v	.61	.43
122	1025	-25	0	14.015	.000v	.62	.43
123	1050	-25	0	14.015	.000v	.64	.43
124	1075	-25	0	14.016	.000v	.64	.43
125	1100	-25	0	14.016	.000v	.66	.45
126	1125	-25	0	14.016	.000v	.67	.45
127	1150	-25	0	14.017	.000v	.69	.46
128	1175	-25	0	14.017	.000v	.69	.45
129	1200	-25	0	14.018	.000v	.71	.46
130	1225	-25	0	14.018	.000v	.71	.46
131	1250	-25	0	14.019	.000v	.75	.48
132	1275	-25	0	14.019	.000v	.75	.48
133	1300	-25	0	14.019	.000v	.77	.49
134	1325	-25	0	14.020	.000v	.78	.50
135	1350	-25	0	14.020	.000v	.80	.50
136	1375	-25	0	14.021	.000v	.82	.51
137	1400	-25	0	14.021	.000v	.84	.52
138	1425	-25	0	14.021	.000v	.86	.53
139	1450	-25	0	14.022	.000v	.89	.53
140	1475	-25	0	14.022	.000v	.91	.53
141	1500	-25	0	14.023	.000v	.92	.54
142	1525	-25	0	14.023	.000v	.95	.54
143	1550	-25	0	14.023	.000v	.97	.54
144	1575	-25	0	14.023	.000v	.99	.54
145	1600	-25	0	14.024	.000v	1.00	.55
146	1625	-25	0	14.024	.000v	1.04	.55
147	1650	-25	0	14.024	.000v	1.04	.55
148	1675	-25	0	14.024	.000v	1.04	.55

149	1700	-25	0	14.024	.000v	1.06	.55
150	1725	-25	0	14.024	.000v	1.07	.55
151	1750	-25	0	14.024	.000v	1.08	.55
152	1775	-25	0	14.024	.000v	1.06	.57
153	1800	-25	0	14.023	.000v	1.10	.57
154	1825	-25	0	14.023	.000v	1.11	.59
155	1850	-25	0	14.022	.000v	1.13	.59
156	1875	-25	0	14.020	.000v	1.13	.60
157	1900	-25	0	14.018	.000v	1.16	.57
158	1925	-25	0	14.016	.000v	1.18	.55
159	-25	0	0	14.003	.000v	.21	.07
160	0	0	0	14.003	.000v	.26	.08
161	25	0	0	14.003	.000v	.30	.11
162	50	0	0	14.004	.000v	.32	.12
163	75	0	0	14.004	.000v	.33	.14
164	100	0	0	14.004	.000v	.34	.16
165	125	0	0	14.005	.000v	.36	.18
166	150	0	0	14.005	.000v	.36	.18
167	175	0	0	14.005	.000v	.37	.18
168	200	0	0	14.006	.000v	.38	.25
169	225	0	0	14.006	.000v	.40	.26
170	250	0	0	14.007	.000v	.41	.27
171	275	0	0	14.007	.000v	.42	.36
172	300	0	0	14.007	.000v	.42	.36
173	325	0	0	14.008	.000v	.46	.36
174	350	0	0	14.008	.000v	.45	.36
175	375	0	0	14.009	.000v	.47	.36
176	400	0	0	14.009	.000v	.48	.36
177	425	0	0	14.009	.000v	.51	.36
178	450	0	0	14.010	.000v	.50	.36
179	475	0	0	14.010	.000v	.52	.37
180	500	0	0	14.010	.000v	.53	.37
181	525	0	0	14.011	.000v	.54	.37
182	550	0	0	14.011	.000v	.55	.37
183	575	0	0	14.011	.000v	.57	.39
184	600	0	0	14.012	.000v	.57	.38
185	625	0	0	14.012	.000v	.59	.38
186	650	0	0	14.012	.000v	.60	.39
187	675	0	0	14.013	.000v	.59	.39
188	700	0	0	14.013	.000v	.60	.40
189	725	0	0	14.013	.000v	.61	.40
190	750	0	0	14.014	.000v	.62	.41
191	775	0	0	14.014	.000v	.60	.41
192	800	0	0	14.014	.000v	.61	.40
193	825	0	0	14.015	.000v	.63	.43
194	850	0	0	14.015	.000v	.63	.43
195	875	0	0	14.015	.000v	.64	.42
196	900	0	0	14.016	.000v	.65	.42
197	925	0	0	14.016	.000v	.66	.44
198	950	0	0	14.017	.000v	.65	.44
199	975	0	0	14.017	.000v	.68	.45
200	1000	0	0	14.018	.000v	.69	.45
201	1025	0	0	14.018	.000v	.71	.46
202	1050	0	0	14.018	.000v	.72	.47
203	1075	0	0	14.019	.000v	.74	.48
204	1100	0	0	14.020	.000v	.75	.48
205	1125	0	0	14.020	.000v	.77	.49
206	1150	0	0	14.021	.000v	.79	.50
207	1175	0	0	14.021	.000v	.81	.52
208	1200	0	0	14.022	.000v	.82	.52
209	1225	0	0	14.023	.000v	.83	.52
210	1250	0	0	14.023	.000v	.85	.53
211	1275	0	0	14.024	.000v	.89	.55
212	1300	0	0	14.025	.000v	.92	.55
213	1325	0	0	14.025	.000v	.92	.55
214	1350	0	0	14.026	.000v	.94	.57
215	1375	0	0	14.027	.000v	.98	.58
216	1400	0	0	14.027	.000v	1.02	.59
217	1425	0	0	14.028	.000v	1.04	.59
218	1450	0	0	14.029	.000v	1.07	.61
219	1475	0	0	14.029	.000v	1.10	.62
220	1500	0	0	14.030	.000v	1.16	.60
221	1525	0	0	14.031	.000v	1.17	.60
222	1550	0	0	14.031	.000v	1.20	.62
223	1575	0	0	14.032	.000v	1.23	.61
224	1600	0	0	14.032	.000v	1.27	.63
225	1625	0	0	14.033	.000v	1.27	.63

226	1650	0	0	14.033	.000v	1.30	.64
227	1675	0	0	14.033	.000v	1.32	.64
228	1700	0	0	14.034	.000v	1.32	.65
229	1725	0	0	14.034	.000v	1.33	.65
230	1750	0	0	14.035	.000v	1.35	.65
231	1775	0	0	14.035	.000v	1.40	.68
232	1800	0	0	14.035	.000v	1.41	.68
233	1825	0	0	14.034	.000v	1.44	.69
234	1850	0	0	14.032	.000v	1.46	.70
235	1875	0	0	14.030	.000v	1.51	.72
236	1900	0	0	14.025	.000v	1.52	.69
237	1925	0	0	14.020	.000v	1.53	.62
238	-25	25	0	14.003	.000v	.20	.07
239	0	25	0	14.004	.000v	.28	.08
240	25	25	0	14.004	.000v	.30	.10
241	50	25	0	14.004	.000v	.34	.14
242	75	25	0	14.005	.000v	.34	.15
243	100	25	0	14.005	.000v	.37	.17
244	125	25	0	14.005	.000v	.37	.18
245	150	25	0	14.006	.000v	.38	.19
246	175	25	0	14.006	.000v	.39	.23
247	200	25	0	14.007	.000v	.41	.27
248	225	25	0	14.007	.000v	.42	.29
249	250	25	0	14.008	.000v	.44	.35
250	275	25	0	14.008	.000v	.46	.37
251	300	25	0	14.009	.000v	.47	.37
252	325	25	0	14.009	.000v	.49	.38
253	350	25	0	14.010	.000v	.50	.39
254	375	25	0	14.010	.000v	.52	.38
255	400	25	0	14.010	.000v	.54	.38
256	425	25	0	14.011	.000v	.54	.38
257	450	25	0	14.011	.000v	.56	.40
258	475	25	0	14.012	.000v	.57	.39
259	500	25	0	14.012	.000v	.59	.38
260	525	25	0	14.013	.000v	.59	.39
261	550	25	0	14.013	.000v	.61	.40
262	575	25	0	14.013	.000v	.62	.40
263	600	25	0	14.014	.000v	.64	.41
264	625	25	0	14.014	.000v	.65	.41
265	650	25	0	14.015	.000v	.66	.42
266	675	25	0	14.015	.000v	.68	.42
267	700	25	0	14.016	.000v	.67	.42
268	725	25	0	14.016	.000v	.68	.42
269	750	25	0	14.016	.000v	.69	.45
270	775	25	0	14.017	.000v	.70	.44
271	800	25	0	14.017	.000v	.70	.44
272	825	25	0	14.018	.000v	.71	.45
273	850	25	0	14.018	.000v	.72	.46
274	875	25	0	14.019	.000v	.73	.46
275	900	25	0	14.019	.000v	.76	.47
276	925	25	0	14.020	.000v	.75	.48
277	950	25	0	14.020	.000v	.77	.48
278	975	25	0	14.021	.000v	.79	.48
279	1000	25	0	14.022	.000v	.82	.50
280	1025	25	0	14.022	.000v	.82	.51
281	1050	25	0	14.023	.000v	.84	.51
282	1075	25	0	14.024	.000v	.85	.52
283	1100	25	0	14.025	.000v	.89	.53
284	1125	25	0	14.026	.000v	.91	.53
285	1150	25	0	14.026	.000v	.94	.55
286	1175	25	0	14.027	.000v	.96	.56
287	1200	25	0	14.028	.000v	.98	.58
288	1225	25	0	14.029	.000v	1.01	.58
289	1250	25	0	14.030	.000v	1.05	.58
290	1275	25	0	14.032	.000v	1.09	.60
291	1300	25	0	14.033	.000v	1.11	.63
292	1325	25	0	14.034	.000v	1.15	.63
293	1350	25	0	14.035	.000v	1.20	.65
294	1375	25	0	14.037	.000v	1.24	.66
295	1400	25	0	14.038	.000v	1.29	.66
296	1425	25	0	14.039	.000v	1.34	.67
297	1450	25	0	14.041	.000v	1.38	.69
298	1475	25	0	14.042	.000v	1.45	.71
299	1500	25	0	14.043	.000v	1.49	.72
300	1525	25	0	14.045	.000v	1.54	.74
301	1550	25	0	14.046	.000v	1.59	.75
302	1575	25	0	14.047	.000v	1.65	.76

303	1600	25	0	14.048	.000v	1.68	.76
304	1625	25	0	14.049	.000v	1.71	.78
305	1650	25	0	14.050	.000v	1.72	.79
306	1675	25	0	14.051	.000v	1.76	.80
307	1700	25	0	14.053	.000v	1.82	.78
308	1725	25	0	14.054	.000v	1.86	.83
309	1750	25	0	14.056	.000v	1.91	.84
310	1775	25	0	14.057	.000v	2.01	.82
311	1800	25	0	14.058	.000v	2.12	.88
312	1825	25	0	14.056	.000v	2.13	.88
313	1850	25	0	14.053	.000v	2.18	.91
314	1875	25	0	14.047	.000v	2.25	.92
315	1900	25	0	14.037	.000v	2.31	.91
316	1925	25	0	14.025	.000v	2.14	.70
317	-25	50	0	14.004	.000v	.20	.08
318	0	50	0	14.004	.000v	.27	.09
319	25	50	0	14.004	.000v	.31	.12
320	50	50	0	14.005	.000v	.35	.14
321	75	50	0	14.005	.000v	.36	.17
322	100	50	0	14.006	.000v	.38	.19
323	125	50	0	14.006	.000v	.39	.19
324	150	50	0	14.007	.000v	.40	.20
325	175	50	0	14.007	.000v	.42	.28
326	200	50	0	14.008	.000v	.43	.30
327	225	50	0	14.009	.000v	.47	.35
328	250	50	0	14.009	.000v	.48	.38
329	275	50	0	14.010	.000v	.49	.40
330	300	50	0	14.010	.000v	.53	.40
331	325	50	0	14.011	.000v	.53	.41
332	350	50	0	14.011	.000v	.56	.40
333	375	50	0	14.012	.000v	.57	.41
334	400	50	0	14.012	.000v	.59	.41
335	425	50	0	14.013	.000v	.61	.41
336	450	50	0	14.013	.000v	.62	.40
337	475	50	0	14.014	.000v	.64	.42
338	500	50	0	14.015	.000v	.65	.42
339	525	50	0	14.015	.000v	.67	.42
340	550	50	0	14.016	.000v	.69	.42
341	575	50	0	14.016	.000v	.68	.43
342	600	50	0	14.017	.000v	.71	.44
343	625	50	0	14.017	.000v	.73	.44
344	650	50	0	14.018	.000v	.74	.45
345	675	50	0	14.018	.000v	.77	.45
346	700	50	0	14.019	.000v	.77	.47
347	725	50	0	14.020	.000v	.77	.47
348	750	50	0	14.020	.000v	.79	.47
349	775	50	0	14.021	.000v	.81	.48
350	800	50	0	14.021	.000v	.81	.51
351	825	50	0	14.022	.000v	.82	.50
352	850	50	0	14.023	.000v	.83	.50
353	875	50	0	14.023	.000v	.87	.51
354	900	50	0	14.024	.000v	.89	.53
355	925	50	0	14.025	.000v	.90	.54
356	950	50	0	14.026	.000v	.91	.53
357	975	50	0	14.027	.000v	.95	.55
358	1000	50	0	14.028	.000v	.97	.55
359	1025	50	0	14.029	.000v	1.00	.57
360	1050	50	0	14.030	.000v	1.01	.58
361	1075	50	0	14.031	.000v	1.06	.60
362	1100	50	0	14.033	.000v	1.09	.60
363	1125	50	0	14.034	.000v	1.13	.60
364	1150	50	0	14.036	.000v	1.16	.63
365	1175	50	0	14.037	.000v	1.21	.64
366	1200	50	0	14.039	.000v	1.24	.65
367	1225	50	0	14.041	.000v	1.30	.65
368	1250	50	0	14.043	.000v	1.35	.68
369	1275	50	0	14.045	.000v	1.42	.71
370	1300	50	0	14.048	.000v	1.46	.73
371	1325	50	0	14.050	.000v	1.52	.75
372	1350	50	0	14.053	.000v	1.61	.79
373	1375	50	0	14.056	.000v	1.73	.81
374	1400	50	0	14.059	.000v	1.79	.83
375	1425	50	0	14.061	.000v	1.89	.87
376	1450	50	0	14.063	.000v	1.99	.88
377	1475	50	0	14.066	.000v	2.10	.92
378	1500	50	0	14.068	.000v	2.18	.91
379	1525	50	0	14.070	.000v	2.30	.97

380	1550	50	0	14.072	.000v	2.41	.99
381	1575	50	0	14.074	.000v	2.48	.99
382	1600	50	0	14.076	.000v	2.51	1.02
383	1625	50	0	14.078	.000v	2.59	1.11
384	1650	50	0	14.080	.000v	2.71	1.14
385	1675	50	0	14.081	.000v	2.76	1.11
386	1700	50	0	14.082	.000v	2.77	1.09
387	1725	50	0	14.084	.000v	2.75	1.10
388	1750	50	0	14.085	.000v	2.71	1.09
389	1775	50	0	14.085	.000v	2.70	1.06
390	1800	50	0	14.082	.000v	2.65	1.02
391	1825	50	0	14.081	.000v	2.62	1.05
392	1850	50	0	14.075	.000v	2.61	1.08
393	1875	50	0	14.058	.000v	2.57	1.06
394	1900	50	0	14.043	.000v	2.56	1.02
395	1925	50	0	14.027	.000v	2.28	.74
396	-25	75	0	14.004	.000v	.19v	.08
397	0	75	0	14.005	.000v	.26	.10
398	25	75	0	14.005	.000v	.32	.12
399	50	75	0	14.006	.000v	.35	.16
400	75	75	0	14.006	.000v	.38	.18
401	100	75	0	14.007	.000v	.40	.20
402	125	75	0	14.007	.000v	.40	.20
403	150	75	0	14.008	.000v	.42	.26
404	175	75	0	14.009	.000v	.44	.31
405	200	75	0	14.010	.000v	.48	.34
406	225	75	0	14.010	.000v	.50	.41
407	250	75	0	14.011	.000v	.54	.42
408	275	75	0	14.012	.000v	.56	.43
409	300	75	0	14.012	.000v	.57	.43
410	325	75	0	14.013	.000v	.59	.43
411	350	75	0	14.014	.000v	.62	.44
412	375	75	0	14.015	.000v	.65	.44
413	400	75	0	14.015	.000v	.65	.45
414	425	75	0	14.016	.000v	.69	.45
415	450	75	0	14.016	.000v	.70	.45
416	475	75	0	14.017	.000v	.73	.45
417	500	75	0	14.018	.000v	.73	.44
418	525	75	0	14.018	.000v	.76	.45
419	550	75	0	14.019	.000v	.77	.47
420	575	75	0	14.020	.000v	.79	.47
421	600	75	0	14.021	.000v	.82	.49
422	625	75	0	14.021	.000v	.83	.49
423	650	75	0	14.022	.000v	.87	.49
424	675	75	0	14.023	.000v	.88	.51
425	700	75	0	14.024	.000v	.89	.50
426	725	75	0	14.025	.000v	.92	.53
427	750	75	0	14.025	.000v	.93	.54
428	775	75	0	14.026	.000v	.94	.54
429	800	75	0	14.027	.000v	.96	.54
430	825	75	0	14.028	.000v	1.00	.56
431	850	75	0	14.029	.000v	1.02	.58
432	875	75	0	14.031	.000v	1.03	.58
433	900	75	0	14.032	.000v	1.07	.59
434	925	75	0	14.033	.000v	1.10	.58
435	950	75	0	14.035	.000v	1.15	.61
436	975	75	0	14.036	.000v	1.17	.60
437	1000	75	0	14.038	.000v	1.22	.63
438	1025	75	0	14.040	.000v	1.26	.63
439	1050	75	0	14.042	.000v	1.32	.66
440	1075	75	0	14.044	.000v	1.38	.68
441	1100	75	0	14.046	.000v	1.42	.71
442	1125	75	0	14.049	.000v	1.50	.73
443	1150	75	0	14.052	.000v	1.57	.77
444	1175	75	0	14.056	.000v	1.65	.78
445	1200	75	0	14.059	.000v	1.74	.82
446	1225	75	0	14.063	.000v	1.87	.84
447	1250	75	0	14.067	.000v	1.97	.88
448	1275	75	0	14.071	.000v	2.03	.91
449	1300	75	0	14.074	.000v	2.19	.97
450	1325	75	0	14.079	.000v	2.45	1.04
451	1350	75	0	14.083	.000v	2.63	1.11
452	1375	75	0	14.087	.000v	2.74	1.16
453	1400	75	0	14.088	.000v	2.91	1.25
454	1425	75	0	14.094	.000v	3.14	1.34
455	1450	75	0	14.096	.000v	3.20	1.33
456	1475	75	0	14.097	.000v	3.15	1.21

457	1500	75	0	14.096	.000v	3.04	1.19
458	1525	75	0	14.098	.000v	2.94	1.16
459	1550	75	0	14.099	.000v	2.80	1.11
460	1575	75	0	14.099	.000v	2.69	1.05
461	1600	75	0	14.098	.000v	2.55	1.01
462	1625	75	0	14.099	.000v	2.48	1.03
463	1650	75	0	14.098	.000v	2.40	1.05
464	1675	75	0	14.094	.000v	2.38	1.02
465	1700	75	0	14.091	.000v	2.33	1.01
466	1725	75	0	14.090	.000v	2.33	1.01
467	1750	75	0	14.087	.000v	2.26	.94
468	1775	75	0	14.084	.000v	2.16	.89
469	1800	75	0	14.080	.000v	2.07	.84
470	1825	75	0	14.074	.000v	2.05	.85
471	1850	75	0	14.064	.000v	1.99	.83
472	1875	75	0	14.048	.000v	1.93	.80
473	1900	75	0	14.033	.000v	1.88	.76
474	1925	75	0	14.024	.000v	1.80	.62
475	-25	100	0	14.005	.000v	.19	.09
476	0	100	0	14.005	.000v	.27	.10
477	25	100	0	14.006	.000v	.32	.13
478	50	100	0	14.006	.000v	.38	.17
479	75	100	0	14.007	.000v	.40	.20
480	100	100	0	14.008	.000v	.41	.21
481	125	100	0	14.009	.000v	.44	.22
482	150	100	0	14.010	.000v	.46	.33
483	175	100	0	14.011	.000v	.49	.35
484	200	100	0	14.012	.000v	.52	.45
485	225	100	0	14.013	.000v	.56	.45
486	250	100	0	14.014	.000v	.59	.45
487	275	100	0	14.015	.000v	.64	.46
488	300	100	0	14.016	.000v	.65	.46
489	325	100	0	14.016	.000v	.68	.46
490	350	100	0	14.017	.000v	.72	.47
491	375	100	0	14.018	.000v	.74	.47
492	400	100	0	14.019	.000v	.77	.49
493	425	100	0	14.020	.000v	.78	.49
494	450	100	0	14.021	.000v	.82	.49
495	475	100	0	14.022	.000v	.83	.50
496	500	100	0	14.022	.000v	.87	.50
497	525	100	0	14.023	.000v	.89	.51
498	550	100	0	14.024	.000v	.91	.52
499	575	100	0	14.025	.000v	.93	.54
500	600	100	0	14.026	.000v	.98	.54
501	625	100	0	14.027	.000v	.99	.54
502	650	100	0	14.029	.000v	1.03	.55
503	675	100	0	14.030	.000v	1.05	.58
504	700	100	0	14.031	.000v	1.11	.58
505	725	100	0	14.033	.000v	1.12	.59
506	750	100	0	14.034	.000v	1.14	.60
507	775	100	0	14.035	.000v	1.18	.61
508	800	100	0	14.037	.000v	1.23	.63
509	825	100	0	14.039	.000v	1.25	.62
510	850	100	0	14.041	.000v	1.30	.65
511	875	100	0	14.043	.000v	1.35	.68
512	900	100	0	14.045	.000v	1.40	.69
513	925	100	0	14.048	.000v	1.47	.73
514	950	100	0	14.050	.000v	1.53	.74
515	975	100	0	14.054	.000v	1.61	.77
516	1000	100	0	14.058	.000v	1.66	.79
517	1025	100	0	14.061	.000v	1.78	.82
518	1050	100	0	14.065	.000v	1.89	.87
519	1075	100	0	14.070	.000v	2.04	.89
520	1100	100	0	14.074	.000v	2.12	.90
521	1125	100	0	14.078	.000v	2.29	.98
522	1150	100	0	14.083	.000v	2.41	1.05
523	1175	100	0	14.088	.000v	2.69	1.19
524	1200	100	0	14.091	.000v	2.91	1.24
525	1225	100	0	14.094	.000v	3.03	1.30
526	1250	100	0	14.099	.000v	3.14	1.31
527	1275	100	0	14.105	.000v	3.38	1.47^
528	1300	100	0	14.105	.000v	3.42^	1.41
529	1325	100	0	14.106	.000v	3.21	1.27
530	1350	100	0	14.107	.000v	2.96	1.13
531	1375	100	0	14.108^	.000v	2.73	1.06
532	1400	100	0	14.106	.000v	2.48	.99
533	1425	100	0	14.103	.000v	2.23	.95

534	1450	100	0	14.100	.000v	2.10	.95
535	1475	100	0	14.097	.000v	2.05	.91
536	1500	100	0	14.093	.000v	2.04	.88
537	1525	100	0	14.090	.000v	2.00	.86
538	1550	100	0	14.086	.000v	1.97	.83
539	1575	100	0	14.083	.000v	1.91	.78
540	1600	100	0	14.079	.000v	1.85	.73
541	1625	100	0	14.075	.000v	1.76	.69
542	1650	100	0	14.072	.000v	1.69	.65
543	1675	100	0	14.069	.000v	1.59	.64
544	1700	100	0	14.066	.000v	1.53	.61
545	1725	100	0	14.063	.000v	1.46	.59
546	1750	100	0	14.060	.000v	1.45	.57
547	1775	100	0	14.057	.000v	1.41	.59
548	1800	100	0	14.053	.000v	1.39	.58
549	1825	100	0	14.048	.000v	1.35	.56
550	1850	100	0	14.041	.000v	1.34	.53
551	1875	100	0	14.032	.000v	1.30	.52
552	1900	100	0	14.024	.000v	1.29	.50
553	1925	100	0	14.019	.000v	1.28	.47
554	-25	125	0	14.005	.000v	.21	.10
555	0	125	0	14.006	.000v	.26	.11
556	25	125	0	14.007	.000v	.35	.15
557	50	125	0	14.008	.000v	.39	.19
558	75	125	0	14.009	.000v	.43	.21
559	100	125	0	14.010	.000v	.46	.24
560	125	125	0	14.011	.000v	.47	.28
561	150	125	0	14.012	.000v	.51	.37
562	175	125	0	14.014	.000v	.56	.44
563	200	125	0	14.015	.000v	.61	.47
564	225	125	0	14.016	.000v	.66	.48
565	250	125	0	14.017	.000v	.70	.50
566	275	125	0	14.019	.000v	.73	.50
567	300	125	0	14.020	.000v	.77	.50
568	325	125	0	14.021	.000v	.80	.51
569	350	125	0	14.022	.000v	.84	.53
570	375	125	0	14.023	.000v	.87	.52
571	400	125	0	14.025	.000v	.91	.54
572	425	125	0	14.026	.000v	.94	.56
573	450	125	0	14.027	.000v	.97	.54
574	475	125	0	14.028	.000v	.99	.56
575	500	125	0	14.029	.000v	1.04	.58
576	525	125	0	14.031	.000v	1.08	.57
577	550	125	0	14.032	.000v	1.11	.56
578	575	125	0	14.034	.000v	1.16	.60
579	600	125	0	14.036	.000v	1.19	.60
580	625	125	0	14.037	.000v	1.24	.62
581	650	125	0	14.039	.000v	1.29	.64
582	675	125	0	14.042	.000v	1.35	.66
583	700	125	0	14.044	.000v	1.40	.70
584	725	125	0	14.047	.000v	1.46	.71
585	750	125	0	14.049	.000v	1.52	.74
586	775	125	0	14.052	.000v	1.61	.76
587	800	125	0	14.055	.000v	1.67	.77
588	825	125	0	14.059	.000v	1.74	.80
589	850	125	0	14.063	.000v	1.83	.83
590	875	125	0	14.067	.000v	1.97	.86
591	900	125	0	14.071	.000v	2.14	.88
592	925	125	0	14.076	.000v	2.26	.96
593	950	125	0	14.081	.000v	2.34	1.01
594	975	125	0	14.085	.000v	2.47	1.03
595	1000	125	0	14.090	.000v	2.63	1.10
596	1025	125	0	14.095	.000v	2.69	1.15
597	1050	125	0	14.099	.000v	2.74	1.15
598	1075	125	0	14.101	.000v	2.84	1.28
599	1100	125	0	14.104	.000v	3.04	1.40
600	1125	125	0	14.107	.000v	3.12	1.38
601	1150	125	0	14.108	.000v	3.06	1.26
602	1175	125	0	14.106	.000v	2.96	1.25
603	1200	125	0	14.105	.000v	2.79	1.11
604	1225	125	0	14.104	.000v	2.54	1.01
605	1250	125	0	14.101	.000v	2.26	.91
606	1275	125	0	14.097	.000v	2.04	.87
607	1300	125	0	14.093	.000v	1.86	.80
608	1325	125	0	14.089	.000v	1.82	.77
609	1350	125	0	14.084	.000v	1.76	.74
610	1375	125	0	14.080	.000v	1.71	.71

611	1400	125	0	14.075	.000v	1.63	.65
612	1425	125	0	14.072	.000v	1.57	.65
613	1450	125	0	14.069	.000v	1.49	.63
614	1475	125	0	14.067	.000v	1.41	.60
615	1500	125	0	14.064	.000v	1.35	.59
616	1525	125	0	14.062	.000v	1.28	.58
617	1550	125	0	14.059	.000v	1.29	.55
618	1575	125	0	14.057	.000v	1.28	.56
619	1600	125	0	14.054	.000v	1.27	.55
620	1625	125	0	14.052	.000v	1.22	.52
621	1650	125	0	14.049	.000v	1.21	.49
622	1675	125	0	14.047	.000v	1.19	.48
623	1700	125	0	14.045	.000v	1.15	.47
624	1725	125	0	14.043	.000v	1.12	.46
625	1750	125	0	14.041	.000v	1.07	.44
626	1775	125	0	14.039	.000v	1.07	.43
627	1800	125	0	14.036	.000v	1.05	.41
628	1825	125	0	14.032	.000v	1.04	.40
629	1850	125	0	14.028	.000v	1.02	.38
630	1875	125	0	14.023	.000v	1.01	.38
631	1900	125	0	14.019	.000v	1.00	.37
632	1925	125	0	14.015	.000v	.99	.36
633	-25	150	0	14.006	.000v	.24	.11
634	0	150	0	14.007	.000v	.25	.13
635	25	150	0	14.008	.000v	.35	.16
636	50	150	0	14.009	.000v	.41	.20
637	75	150	0	14.011	.000v	.44	.25
638	100	150	0	14.012	.000v	.47	.30
639	125	150	0	14.014	.000v	.53	.38
640	150	150	0	14.016	.000v	.58	.43
641	175	150	0	14.018	.000v	.63	.52
642	200	150	0	14.020	.000v	.70	.52
643	225	150	0	14.021	.000v	.77	.53
644	250	150	0	14.023	.000v	.83	.53
645	275	150	0	14.025	.000v	.87	.57
646	300	150	0	14.027	.000v	.92	.56
647	325	150	0	14.029	.000v	.98	.57
648	350	150	0	14.030	.000v	1.03	.57
649	375	150	0	14.032	.000v	1.08	.60
650	400	150	0	14.034	.000v	1.11	.61
651	425	150	0	14.036	.000v	1.18	.62
652	450	150	0	14.038	.000v	1.21	.61
653	475	150	0	14.040	.000v	1.27	.63
654	500	150	0	14.042	.000v	1.33	.66
655	525	150	0	14.044	.000v	1.37	.68
656	550	150	0	14.047	.000v	1.44	.70
657	575	150	0	14.050	.000v	1.55	.73
658	600	150	0	14.053	.000v	1.62	.76
659	625	150	0	14.057	.000v	1.71	.80
660	650	150	0	14.060	.000v	1.79	.81
661	675	150	0	14.064	.000v	1.91	.84
662	700	150	0	14.068	.000v	2.01	.88
663	725	150	0	14.072	.000v	2.21	.96
664	750	150	0	14.077	.000v	2.40	1.01
665	775	150	0	14.080	.000v	2.51	1.02
666	800	150	0	14.086	.000v	2.62	1.09
667	825	150	0	14.091	.000v	2.73	1.15
668	850	150	0	14.095	.000v	2.78	1.15
669	875	150	0	14.096	.000v	2.70	1.09
670	900	150	0	14.099	.000v	2.64	1.13
671	925	150	0	14.104	.000v	2.58	1.13
672	950	150	0	14.105	.000v	2.61	1.18
673	975	150	0	14.102	.000v	2.59	1.14
674	1000	150	0	14.101	.000v	2.57	1.13
675	1025	150	0	14.101	.000v	2.48	1.08
676	1050	150	0	14.099	.000v	2.40	.98
677	1075	150	0	14.096	.000v	2.21	.87
678	1100	150	0	14.093	.000v	2.03	.81
679	1125	150	0	14.089	.000v	1.82	.77
680	1150	150	0	14.085	.000v	1.70	.74
681	1175	150	0	14.081	.000v	1.63	.70
682	1200	150	0	14.077	.000v	1.60	.66
683	1225	150	0	14.073	.000v	1.53	.63
684	1250	150	0	14.069	.000v	1.50	.63
685	1275	150	0	14.066	.000v	1.44	.60
686	1300	150	0	14.063	.000v	1.37	.59
687	1325	150	0	14.061	.000v	1.30	.57

688	1350	150	0	14.058	.000v	1.24	.55
689	1375	150	0	14.056	.000v	1.21	.53
690	1400	150	0	14.053	.000v	1.15	.51
691	1425	150	0	14.051	.000v	1.15	.51
692	1450	150	0	14.049	.000v	1.10	.48
693	1475	150	0	14.048	.000v	1.09	.45
694	1500	150	0	14.046	.000v	1.04	.44
695	1525	150	0	14.045	.000v	1.03	.44
696	1550	150	0	14.043	.000v	1.00	.41
697	1575	150	0	14.041	.000v	.99	.41
698	1600	150	0	14.040	.000v	.97	.40
699	1625	150	0	14.038	.000v	.97	.38
700	1650	150	0	14.037	.000v	.96	.36
701	1675	150	0	14.035	.000v	.95	.34
702	1700	150	0	14.034	.000v	.93	.34
703	1725	150	0	14.032	.000v	.93	.33
704	1750	150	0	14.030	.000v	.90	.33
705	1775	150	0	14.028	.000v	.88	.32
706	1800	150	0	14.026	.000v	.87	.32
707	1825	150	0	14.024	.000v	.87	.31
708	1850	150	0	14.021	.000v	.84	.30
709	1875	150	0	14.018	.000v	.83	.30
710	1900	150	0	14.015	.000v	.83	.29
711	1925	150	0	14.013	.000v	.82	.28
712	-25	175	0	14.007	.000v	.28	.13
713	0	175	0	14.009	.000v	.30	.15
714	25	175	0	14.010	.000v	.37	.18
715	50	175	0	14.012	.000v	.45	.25
716	75	175	0	14.014	.000v	.48	.31
717	100	175	0	14.016	.000v	.50	.37
718	125	175	0	14.019	.000v	.56	.45
719	150	175	0	14.022	.000v	.66	.55
720	175	175	0	14.025	.000v	.76	.55
721	200	175	0	14.028	.000v	.85	.59
722	225	175	0	14.031	.000v	.97	.58
723	250	175	0	14.034	.000v	1.06	.60
724	275	175	0	14.037	.000v	1.11	.62
725	300	175	0	14.040	.000v	1.17	.65
726	325	175	0	14.043	.000v	1.28	.65
727	350	175	0	14.045	.000v	1.35	.67
728	375	175	0	14.048	.000v	1.43	.70
729	400	175	0	14.051	.000v	1.49	.73
730	425	175	0	14.055	.000v	1.58	.77
731	450	175	0	14.059	.000v	1.70	.81
732	475	175	0	14.062	.000v	1.77	.82
733	500	175	0	14.066	.000v	1.88	.82
734	525	175	0	14.069	.000v	2.05	.91
735	550	175	0	14.074	.000v	2.23	.98
736	575	175	0	14.078	.000v	2.33	1.02
737	600	175	0	14.081	.000v	2.51	1.10
738	625	175	0	14.086	.000v	2.77	1.18
739	650	175	0	14.092	.000v	2.93	1.22
740	675	175	0	14.095	.000v	2.98	1.18
741	700	175	0	14.096	.000v	2.94	1.15
742	725	175	0	14.100	.000v	2.82	1.12
743	750	175	0	14.102	.000v	2.66	1.11
744	775	175	0	14.102	.000v	2.49	1.08
745	800	175	0	14.100	.000v	2.32	1.03
746	825	175	0	14.100	.000v	2.25	1.02
747	850	175	0	14.097	.000v	2.23	1.00
748	875	175	0	14.094	.000v	2.17	.92
749	900	175	0	14.090	.000v	2.04	.84
750	925	175	0	14.088	.000v	1.94	.78
751	950	175	0	14.084	.000v	1.81	.72
752	975	175	0	14.080	.000v	1.66	.69
753	1000	175	0	14.077	.000v	1.54	.66
754	1025	175	0	14.073	.000v	1.47	.62
755	1050	175	0	14.070	.000v	1.44	.61
756	1075	175	0	14.066	.000v	1.42	.60
757	1100	175	0	14.063	.000v	1.36	.59
758	1125	175	0	14.061	.000v	1.33	.58
759	1150	175	0	14.059	.000v	1.28	.55
760	1175	175	0	14.056	.000v	1.24	.53
761	1200	175	0	14.054	.000v	1.18	.50
762	1225	175	0	14.052	.000v	1.17	.49
763	1250	175	0	14.050	.000v	1.12	.47
764	1275	175	0	14.048	.000v	1.10	.46

765	1300	175	0	14.047	.000v	1.08	.44
766	1325	175	0	14.045	.000v	1.07	.42
767	1350	175	0	14.043	.000v	1.01	.42
768	1375	175	0	14.042	.000v	.98	.40
769	1400	175	0	14.041	.000v	.97	.39
770	1425	175	0	14.039	.000v	.95	.37
771	1450	175	0	14.038	.000v	.92	.35
772	1475	175	0	14.037	.000v	.90	.33
773	1500	175	0	14.036	.000v	.90	.33
774	1525	175	0	14.035	.000v	.87	.33
775	1550	175	0	14.033	.000v	.85	.34
776	1575	175	0	14.032	.000v	.82	.32
777	1600	175	0	14.031	.000v	.81	.32
778	1625	175	0	14.030	.000v	.79	.31
779	1650	175	0	14.029	.000v	.80	.29
780	1675	175	0	14.028	.000v	.80	.28
781	1700	175	0	14.026	.000v	.79	.27
782	1725	175	0	14.025	.000v	.77	.27
783	1750	175	0	14.024	.000v	.77	.26
784	1775	175	0	14.022	.000v	.76	.26
785	1800	175	0	14.020	.000v	.75	.25
786	1825	175	0	14.019	.000v	.73	.25
787	1850	175	0	14.016	.000v	.73	.24
788	1875	175	0	14.014	.000v	.73	.24
789	1900	175	0	14.012	.000v	.72	.24
790	1925	175	0	14.011	.000v	.70	.24
791	-25	200	0	14.009	.000v	.32	.15
792	0	200	0	14.010	.000v	.35	.17
793	25	200	0	14.012	.000v	.38	.22
794	50	200	0	14.015	.000v	.47	.30
795	75	200	0	14.018	.000v	.51	.39
796	100	200	0	14.022	.000v	.58	.48
797	125	200	0	14.027	.000v	.66	.56
798	150	200	0	14.032	.000v	.81	.60
799	175	200	0	14.038	.000v	.99	.65
800	200	200	0	14.044	.000v	1.15	.65
801	225	200	0	14.049	.000v	1.34	.67
802	250	200	0	14.054	.000v	1.44	.72
803	275	200	0	14.058	.000v	1.54	.76
804	300	200	0	14.063	.000v	1.69	.83
805	325	200	0	14.068	.000v	1.82	.89
806	350	200	0	14.072	.000v	2.00	.95
807	375	200	0	14.077	.000v	2.17	.98
808	400	200	0	14.081	.000v	2.28	1.00
809	425	200	0	14.087	.000v	2.34	1.08
810	450	200	0	14.088	.000v	2.40	1.08
811	475	200	0	14.095	.000v	2.92	1.33
812	500	200	0	14.096	.000v	3.13	1.39
813	525	200	0	14.098	.000v	3.09	1.32
814	550	200	0	14.100	.000v	2.92	1.18
815	575	200	0	14.102	.000v	2.76	1.12
816	600	200	0	14.102	.000v	2.57	1.03
817	625	200	0	14.101	.000v	2.31	.95
818	650	200	0	14.099	.000v	2.09	.94
819	675	200	0	14.096	.000v	1.96	.89
820	700	200	0	14.092	.000v	1.93	.84
821	725	200	0	14.088	.000v	1.89	.81
822	750	200	0	14.084	.000v	1.84	.76
823	775	200	0	14.080	.000v	1.75	.69
824	800	200	0	14.076	.000v	1.67	.67
825	825	200	0	14.073	.000v	1.55	.63
826	850	200	0	14.070	.000v	1.46	.60
827	875	200	0	14.066	.000v	1.37	.59
828	900	200	0	14.063	.000v	1.34	.56
829	925	200	0	14.061	.000v	1.29	.56
830	950	200	0	14.058	.000v	1.28	.55
831	975	200	0	14.056	.000v	1.22	.53
832	1000	200	0	14.054	.000v	1.18	.51
833	1025	200	0	14.052	.000v	1.14	.49
834	1050	200	0	14.050	.000v	1.09	.46
835	1075	200	0	14.048	.000v	1.04	.45
836	1100	200	0	14.047	.000v	1.04	.44
837	1125	200	0	14.045	.000v	1.03	.43
838	1150	200	0	14.044	.000v	.99	.40
839	1175	200	0	14.043	.000v	.96	.40
840	1200	200	0	14.041	.000v	.95	.38
841	1225	200	0	14.040	.000v	.93	.37

842	1250	200	0	14.039	.000v	.89	.35
843	1275	200	0	14.038	.000v	.89	.34
844	1300	200	0	14.037	.000v	.87	.33
845	1325	200	0	14.035	.000v	.86	.31
846	1350	200	0	14.034	.000v	.82	.32
847	1375	200	0	14.033	.000v	.82	.31
848	1400	200	0	14.032	.000v	.81	.31
849	1425	200	0	14.032	.000v	.80	.29
850	1450	200	0	14.031	.000v	.77	.28
851	1475	200	0	14.030	.000v	.75	.27
852	1500	200	0	14.029	.000v	.76	.27
853	1525	200	0	14.028	.000v	.75	.26
854	1550	200	0	14.027	.000v	.73	.26
855	1575	200	0	14.026	.000v	.72	.26
856	1600	200	0	14.025	.000v	.70	.26
857	1625	200	0	14.024	.000v	.71	.24
858	1650	200	0	14.023	.000v	.69	.24
859	1675	200	0	14.022	.000v	.68	.24
860	1700	200	0	14.021	.000v	.68	.23
861	1725	200	0	14.020	.000v	.68	.23
862	1750	200	0	14.019	.000v	.67	.22
863	1775	200	0	14.018	.000v	.66	.22
864	1800	200	0	14.017	.000v	.66	.22
865	1825	200	0	14.015	.000v	.65	.22
866	1850	200	0	14.014	.000v	.64	.21
867	1875	200	0	14.012	.000v	.63	.21
868	1900	200	0	14.011	.000v	.63	.21
869	1925	200	0	14.009	.000v	.63	.21
870	-25	225	0	14.010	.000v	.38	.19
871	0	225	0	14.013	.000v	.42	.21
872	25	225	0	14.016	.000v	.47	.27
873	50	225	0	14.020	.000v	.53	.37
874	75	225	0	14.026	.000v	.61	.50
875	100	225	0	14.034	.000v	.69	.57
876	125	225	0	14.044	.000v	.89	.67
877	150	225	0	14.053	.000v	1.10	.75
878	175	225	0	14.064	.000v	1.38	.81
879	200	225	0	14.072	.000v	1.64	.93
880	225	225	0	14.078	.000v	1.96	1.02
881	250	225	0	14.085	.000v	2.15	1.07
882	275	225	0	14.091	.000v	2.26	1.10
883	300	225	0	14.094	.000v	2.28	1.06
884	325	225	0	14.096	.000v	2.24	1.05
885	350	225	0	14.100	.000v	2.17	1.02
886	375	225	0	14.101	.000v	2.09	1.01
887	400	225	0	14.099	.000v	2.00	.99
888	425	225	0	14.098	.000v	1.97	.96
889	450	225	0	14.098	.000v	1.95	.94
890	475	225	0	14.097	.000v	1.98	.89
891	500	225	0	14.093	.000v	1.79	.83
892	525	225	0	14.089	.000v	1.67	.77
893	550	225	0	14.085	.000v	1.62	.75
894	575	225	0	14.081	.000v	1.61	.72
895	600	225	0	14.076	.000v	1.54	.66
896	625	225	0	14.072	.000v	1.52	.62
897	650	225	0	14.069	.000v	1.46	.60
898	675	225	0	14.067	.000v	1.39	.59
899	700	225	0	14.064	.000v	1.33	.57
900	725	225	0	14.061	.000v	1.27	.56
901	750	225	0	14.058	.000v	1.26	.55
902	775	225	0	14.056	.000v	1.24	.55
903	800	225	0	14.054	.000v	1.22	.52
904	825	225	0	14.052	.000v	1.17	.50
905	850	225	0	14.050	.000v	1.15	.47
906	875	225	0	14.048	.000v	1.11	.44
907	900	225	0	14.047	.000v	1.06	.42
908	925	225	0	14.045	.000v	1.03	.43
909	950	225	0	14.044	.000v	.99	.42
910	975	225	0	14.042	.000v	.97	.39
911	1000	225	0	14.041	.000v	.94	.39
912	1025	225	0	14.040	.000v	.92	.37
913	1050	225	0	14.039	.000v	.89	.36
914	1075	225	0	14.038	.000v	.86	.33
915	1100	225	0	14.037	.000v	.84	.33
916	1125	225	0	14.036	.000v	.83	.32
917	1150	225	0	14.035	.000v	.82	.31
918	1175	225	0	14.034	.000v	.80	.29

919	1200	225	0	14.033	.000v	.79	.30
920	1225	225	0	14.032	.000v	.78	.30
921	1250	225	0	14.031	.000v	.77	.28
922	1275	225	0	14.031	.000v	.74	.27
923	1300	225	0	14.030	.000v	.74	.26
924	1325	225	0	14.029	.000v	.72	.26
925	1350	225	0	14.028	.000v	.73	.25
926	1375	225	0	14.028	.000v	.71	.25
927	1400	225	0	14.027	.000v	.70	.25
928	1425	225	0	14.026	.000v	.68	.24
929	1450	225	0	14.025	.000v	.68	.24
930	1475	225	0	14.025	.000v	.67	.23
931	1500	225	0	14.024	.000v	.66	.23
932	1525	225	0	14.023	.000v	.65	.22
933	1550	225	0	14.023	.000v	.65	.22
934	1575	225	0	14.022	.000v	.63	.22
935	1600	225	0	14.021	.000v	.62	.22
936	1625	225	0	14.020	.000v	.61	.21
937	1650	225	0	14.019	.000v	.62	.21
938	1675	225	0	14.019	.000v	.61	.21
939	1700	225	0	14.018	.000v	.60	.20
940	1725	225	0	14.017	.000v	.59	.20
941	1750	225	0	14.016	.000v	.60	.20
942	1775	225	0	14.015	.000v	.59	.20
943	1800	225	0	14.014	.000v	.58	.19
944	1825	225	0	14.013	.000v	.58	.19
945	1850	225	0	14.011	.000v	.58	.19
946	1875	225	0	14.010	.000v	.57	.19
947	1900	225	0	14.009	.000v	.56	.18
948	1925	225	0	14.008	.000v	.56	.18
949	-25	250	0	14.013	.000v	.46	.23
950	0	250	0	14.016	.000v	.53	.26
951	25	250	0	14.022	.000v	.62	.34
952	50	250	0	14.030	.000v	.72	.47
953	75	250	0	14.042	.000v	.86	.57
954	100	250	0	14.057	.000v	1.11	.73
955	125	250	0	14.071	.000v	1.26	.86
956	150	250	0	14.085	.000v	1.46	.89
957	175	250	0	14.096	.000v	1.68	.97
958	200	250	0	14.100	.000v	1.82	.99
959	225	250	0	14.100	.000v	1.70	.88
960	250	250	0	14.100	.000v	1.55	.84
961	275	250	0	14.097	.000v	1.41	.86
962	300	250	0	14.093	.000v	1.40	.83
963	325	250	0	14.090	.000v	1.45	.77
964	350	250	0	14.086	.000v	1.48	.75
965	375	250	0	14.082	.000v	1.45	.71
966	400	250	0	14.077	.000v	1.45	.66
967	425	250	0	14.073	.000v	1.38	.62
968	450	250	0	14.069	.000v	1.32	.58
969	475	250	0	14.066	.000v	1.27	.56
970	500	250	0	14.063	.000v	1.26	.54
971	525	250	0	14.060	.000v	1.20	.53
972	550	250	0	14.058	.000v	1.15	.51
973	575	250	0	14.056	.000v	1.15	.51
974	600	250	0	14.053	.000v	1.10	.50
975	625	250	0	14.051	.000v	1.11	.50
976	650	250	0	14.050	.000v	1.09	.48
977	675	250	0	14.048	.000v	1.08	.47
978	700	250	0	14.047	.000v	1.03	.45
979	725	250	0	14.045	.000v	1.02	.42
980	750	250	0	14.044	.000v	1.00	.40
981	775	250	0	14.042	.000v	.98	.41
982	800	250	0	14.041	.000v	.94	.40
983	825	250	0	14.040	.000v	.94	.37
984	850	250	0	14.039	.000v	.92	.37
985	875	250	0	14.038	.000v	.89	.34
986	900	250	0	14.037	.000v	.87	.33
987	925	250	0	14.036	.000v	.86	.32
988	950	250	0	14.035	.000v	.83	.32
989	975	250	0	14.034	.000v	.81	.30
990	1000	250	0	14.033	.000v	.80	.29
991	1025	250	0	14.032	.000v	.79	.29
992	1050	250	0	14.032	.000v	.76	.28
993	1075	250	0	14.031	.000v	.74	.28
994	1100	250	0	14.030	.000v	.73	.27
995	1125	250	0	14.029	.000v	.72	.25

996	1150	250	0	14.029	.000v	.70	.25
997	1175	250	0	14.028	.000v	.69	.25
998	1200	250	0	14.028	.000v	.68	.25
999	1225	250	0	14.027	.000v	.68	.25
1000	1250	250	0	14.026	.000v	.66	.23
1001	1275	250	0	14.026	.000v	.65	.23
1002	1300	250	0	14.025	.000v	.64	.22
1003	1325	250	0	14.025	.000v	.64	.22
1004	1350	250	0	14.024	.000v	.63	.22
1005	1375	250	0	14.023	.000v	.61	.22
1006	1400	250	0	14.023	.000v	.61	.21
1007	1425	250	0	14.022	.000v	.61	.20
1008	1450	250	0	14.022	.000v	.60	.20
1009	1475	250	0	14.021	.000v	.59	.20
1010	1500	250	0	14.020	.000v	.59	.20
1011	1525	250	0	14.020	.000v	.58	.19
1012	1550	250	0	14.019	.000v	.57	.19
1013	1575	250	0	14.018	.000v	.57	.19
1014	1600	250	0	14.018	.000v	.57	.19
1015	1625	250	0	14.017	.000v	.55	.19
1016	1650	250	0	14.016	.000v	.55	.18
1017	1675	250	0	14.016	.000v	.55	.18
1018	1700	250	0	14.015	.000v	.54	.18
1019	1725	250	0	14.014	.000v	.53	.18
1020	1750	250	0	14.013	.000v	.54	.17
1021	1775	250	0	14.013	.000v	.53	.17
1022	1800	250	0	14.012	.000v	.53	.17
1023	1825	250	0	14.011	.000v	.52	.17
1024	1850	250	0	14.010	.000v	.52	.17
1025	1875	250	0	14.009	.000v	.51	.16
1026	1900	250	0	14.008	.000v	.51	.16
1027	1925	250	0	14.007	.000v	.51	.16
1028	-25	275	0	14.015	.000v	.56	.27
1029	0	275	0	14.021	.000v	.70	.36
1030	25	275	0	14.031	.000v	.85	.49
1031	50	275	0	14.048	.000v	1.13	.63
1032	75	275	0	14.067	.000v	1.30	.76
1033	100	275	0	14.083	.000v	1.23	.77
1034	125	275	0	14.093	.000v	1.21	.85
1035	150	275	0	14.093	.000v	1.27	.76
1036	175	275	0	14.087	.000v	1.08	.72
1037	200	275	0	14.080	.000v	.95	.68
1038	225	275	0	14.076	.000v	.97	.63
1039	250	275	0	14.071	.000v	.99	.59
1040	275	275	0	14.067	.000v	.98	.56
1041	300	275	0	14.064	.000v	.95	.54
1042	325	275	0	14.061	.000v	.96	.51
1043	350	275	0	14.059	.000v	.95	.48
1044	375	275	0	14.056	.000v	.99	.47
1045	400	275	0	14.053	.000v	.97	.45
1046	425	275	0	14.051	.000v	.99	.44
1047	450	275	0	14.049	.000v	.97	.41
1048	475	275	0	14.047	.000v	.97	.40
1049	500	275	0	14.046	.000v	.95	.39
1050	525	275	0	14.044	.000v	.93	.37
1051	550	275	0	14.043	.000v	.91	.36
1052	575	275	0	14.042	.000v	.91	.35
1053	600	275	0	14.040	.000v	.88	.36
1054	625	275	0	14.039	.000v	.88	.35
1055	650	275	0	14.038	.000v	.86	.35
1056	675	275	0	14.037	.000v	.84	.34
1057	700	275	0	14.037	.000v	.86	.33
1058	725	275	0	14.036	.000v	.84	.32
1059	750	275	0	14.035	.000v	.82	.32
1060	775	275	0	14.034	.000v	.80	.31
1061	800	275	0	14.033	.000v	.79	.30
1062	825	275	0	14.032	.000v	.77	.30
1063	850	275	0	14.031	.000v	.77	.29
1064	875	275	0	14.031	.000v	.75	.27
1065	900	275	0	14.030	.000v	.74	.26
1066	925	275	0	14.029	.000v	.71	.26
1067	950	275	0	14.029	.000v	.71	.25
1068	975	275	0	14.028	.000v	.70	.24
1069	1000	275	0	14.027	.000v	.69	.24
1070	1025	275	0	14.027	.000v	.67	.24
1071	1050	275	0	14.026	.000v	.67	.23
1072	1075	275	0	14.026	.000v	.66	.23

1073	1100	275	0	14.025	.000v	.64	.22
1074	1125	275	0	14.025	.000v	.62	.22
1075	1150	275	0	14.024	.000v	.62	.21
1076	1175	275	0	14.024	.000v	.61	.21
1077	1200	275	0	14.024	.000v	.60	.22
1078	1225	275	0	14.023	.000v	.59	.21
1079	1250	275	0	14.023	.000v	.59	.20
1080	1275	275	0	14.022	.000v	.58	.19
1081	1300	275	0	14.022	.000v	.57	.19
1082	1325	275	0	14.021	.000v	.57	.19
1083	1350	275	0	14.021	.000v	.56	.19
1084	1375	275	0	14.020	.000v	.55	.18
1085	1400	275	0	14.020	.000v	.55	.18
1086	1425	275	0	14.019	.000v	.54	.18
1087	1450	275	0	14.019	.000v	.54	.18
1088	1475	275	0	14.018	.000v	.53	.18
1089	1500	275	0	14.018	.000v	.54	.17
1090	1525	275	0	14.017	.000v	.52	.17
1091	1550	275	0	14.017	.000v	.51	.17
1092	1575	275	0	14.016	.000v	.51	.17
1093	1600	275	0	14.015	.000v	.51	.17
1094	1625	275	0	14.015	.000v	.51	.17
1095	1650	275	0	14.014	.000v	.50	.17
1096	1675	275	0	14.014	.000v	.49	.16
1097	1700	275	0	14.013	.000v	.48	.16
1098	1725	275	0	14.012	.000v	.49	.16
1099	1750	275	0	14.012	.000v	.49	.16
1100	1775	275	0	14.011	.000v	.49	.16
1101	1800	275	0	14.010	.000v	.48	.16
1102	1825	275	0	14.009	.000v	.48	.15
1103	1850	275	0	14.009	.000v	.47	.15
1104	1875	275	0	14.008	.000v	.47	.15
1105	1900	275	0	14.007	.000v	.47	.15
1106	1925	275	0	14.006	.000v	.47	.15
1107	-25	300	0	14.017	.000v	.63	.31
1108	0	300	0	14.026	.000v	.89	.47
1109	25	300	0	14.042	.000v	1.19	.72
1110	50	300	0	14.060	.000v	1.09	.74
1111	75	300	0	14.073	.000v	.93	.64
1112	100	300	0	14.075	.000v	.79	.62
1113	125	300	0	14.069	.000v	.72	.59
1114	150	300	0	14.062	.000v	.72	.52
1115	175	300	0	14.057	.000v	.75	.49
1116	200	300	0	14.054	.000v	.73	.46
1117	225	300	0	14.051	.000v	.70	.44
1118	250	300	0	14.049	.000v	.69	.42
1119	275	300	0	14.047	.000v	.72	.40
1120	300	300	0	14.045	.000v	.74	.39
1121	325	300	0	14.044	.000v	.76	.38
1122	350	300	0	14.043	.000v	.75	.36
1123	375	300	0	14.041	.000v	.74	.35
1124	400	300	0	14.040	.000v	.76	.34
1125	425	300	0	14.039	.000v	.78	.33
1126	450	300	0	14.037	.000v	.77	.32
1127	475	300	0	14.036	.000v	.77	.31
1128	500	300	0	14.036	.000v	.78	.31
1129	525	300	0	14.035	.000v	.76	.30
1130	550	300	0	14.034	.000v	.77	.29
1131	575	300	0	14.033	.000v	.74	.28
1132	600	300	0	14.032	.000v	.75	.28
1133	625	300	0	14.032	.000v	.75	.27
1134	650	300	0	14.031	.000v	.73	.27
1135	675	300	0	14.030	.000v	.72	.26
1136	700	300	0	14.030	.000v	.73	.27
1137	725	300	0	14.029	.000v	.73	.26
1138	750	300	0	14.029	.000v	.71	.26
1139	775	300	0	14.028	.000v	.70	.24
1140	800	300	0	14.027	.000v	.68	.24
1141	825	300	0	14.027	.000v	.68	.23
1142	850	300	0	14.026	.000v	.67	.23
1143	875	300	0	14.026	.000v	.65	.23
1144	900	300	0	14.025	.000v	.63	.22
1145	925	300	0	14.025	.000v	.64	.22
1146	950	300	0	14.024	.000v	.62	.22
1147	975	300	0	14.024	.000v	.61	.21
1148	1000	300	0	14.023	.000v	.60	.21
1149	1025	300	0	14.023	.000v	.60	.21

1150	1050	300	0	14.023	.000v	.58	.20
1151	1075	300	0	14.022	.000v	.57	.20
1152	1100	300	0	14.022	.000v	.57	.20
1153	1125	300	0	14.021	.000v	.56	.19
1154	1150	300	0	14.021	.000v	.55	.19
1155	1175	300	0	14.021	.000v	.55	.18
1156	1200	300	0	14.020	.000v	.54	.18
1157	1225	300	0	14.020	.000v	.53	.18
1158	1250	300	0	14.020	.000v	.52	.17
1159	1275	300	0	14.019	.000v	.53	.17
1160	1300	300	0	14.019	.000v	.52	.17
1161	1325	300	0	14.018	.000v	.51	.17
1162	1350	300	0	14.018	.000v	.51	.17
1163	1375	300	0	14.018	.000v	.50	.17
1164	1400	300	0	14.017	.000v	.49	.16
1165	1425	300	0	14.017	.000v	.50	.16
1166	1450	300	0	14.016	.000v	.49	.16
1167	1475	300	0	14.016	.000v	.49	.16
1168	1500	300	0	14.015	.000v	.48	.16
1169	1525	300	0	14.015	.000v	.48	.16
1170	1550	300	0	14.014	.000v	.47	.15
1171	1575	300	0	14.014	.000v	.47	.15
1172	1600	300	0	14.013	.000v	.47	.15
1173	1625	300	0	14.013	.000v	.47	.15
1174	1650	300	0	14.012	.000v	.46	.15
1175	1675	300	0	14.012	.000v	.45	.15
1176	1700	300	0	14.011	.000v	.46	.15
1177	1725	300	0	14.011	.000v	.46	.15
1178	1750	300	0	14.010	.000v	.45	.14
1179	1775	300	0	14.009	.000v	.44	.14
1180	1800	300	0	14.009	.000v	.45	.14
1181	1825	300	0	14.008	.000v	.45	.14
1182	1850	300	0	14.008	.000v	.44	.14
1183	1875	300	0	14.007	.000v	.44	.14
1184	1900	300	0	14.006	.000v	.43	.13
1185	1925	300	0	14.006	.000v	.43	.13
1186	-25	325	0	14.018	.000v	.59	.29
1187	0	325	0	14.026	.000v	.73	.41
1188	25	325	0	14.037	.000v	.80	.53
1189	50	325	0	14.047	.000v	.68	.52
1190	75	325	0	14.049	.000v	.58	.49
1191	100	325	0	14.047	.000v	.57	.46
1192	125	325	0	14.045	.000v	.57	.42
1193	150	325	0	14.042	.000v	.56	.37
1194	175	325	0	14.040	.000v	.57	.36
1195	200	325	0	14.039	.000v	.58	.34
1196	225	325	0	14.038	.000v	.58	.33
1197	250	325	0	14.036	.000v	.57	.32
1198	275	325	0	14.035	.000v	.58	.31
1199	300	325	0	14.035	.000v	.61	.30
1200	325	325	0	14.034	.000v	.61	.30
1201	350	325	0	14.033	.000v	.61	.29
1202	375	325	0	14.032	.000v	.64	.28
1203	400	325	0	14.031	.000v	.64	.27
1204	425	325	0	14.031	.000v	.64	.27
1205	450	325	0	14.030	.000v	.64	.26
1206	475	325	0	14.029	.000v	.66	.26
1207	500	325	0	14.029	.000v	.66	.25
1208	525	325	0	14.028	.000v	.65	.25
1209	550	325	0	14.028	.000v	.65	.24
1210	575	325	0	14.027	.000v	.66	.24
1211	600	325	0	14.027	.000v	.66	.23
1212	625	325	0	14.026	.000v	.65	.23
1213	650	325	0	14.026	.000v	.63	.23
1214	675	325	0	14.026	.000v	.64	.22
1215	700	325	0	14.025	.000v	.64	.22
1216	725	325	0	14.025	.000v	.63	.22
1217	750	325	0	14.024	.000v	.62	.23
1218	775	325	0	14.024	.000v	.62	.21
1219	800	325	0	14.023	.000v	.61	.21
1220	825	325	0	14.023	.000v	.60	.20
1221	850	325	0	14.022	.000v	.59	.20
1222	875	325	0	14.022	.000v	.58	.20
1223	900	325	0	14.022	.000v	.57	.19
1224	925	325	0	14.021	.000v	.56	.19
1225	950	325	0	14.021	.000v	.56	.19
1226	975	325	0	14.021	.000v	.55	.19

1227	1000	325	0	14.020	.000v	.54	.18
1228	1025	325	0	14.020	.000v	.53	.18
1229	1050	325	0	14.020	.000v	.53	.18
1230	1075	325	0	14.019	.000v	.52	.18
1231	1100	325	0	14.019	.000v	.51	.17
1232	1125	325	0	14.019	.000v	.50	.17
1233	1150	325	0	14.018	.000v	.50	.17
1234	1175	325	0	14.018	.000v	.50	.17
1235	1200	325	0	14.018	.000v	.49	.16
1236	1225	325	0	14.018	.000v	.48	.16
1237	1250	325	0	14.017	.000v	.48	.16
1238	1275	325	0	14.017	.000v	.48	.16
1239	1300	325	0	14.017	.000v	.47	.15
1240	1325	325	0	14.016	.000v	.46	.15
1241	1350	325	0	14.016	.000v	.47	.15
1242	1375	325	0	14.015	.000v	.45	.15
1243	1400	325	0	14.015	.000v	.45	.15
1244	1425	325	0	14.015	.000v	.45	.15
1245	1450	325	0	14.014	.000v	.45	.14
1246	1475	325	0	14.014	.000v	.45	.15
1247	1500	325	0	14.014	.000v	.44	.14
1248	1525	325	0	14.013	.000v	.44	.14
1249	1550	325	0	14.013	.000v	.44	.14
1250	1575	325	0	14.012	.000v	.44	.14
1251	1600	325	0	14.012	.000v	.43	.14
1252	1625	325	0	14.011	.000v	.43	.14
1253	1650	325	0	14.011	.000v	.43	.14
1254	1675	325	0	14.010	.000v	.43	.14
1255	1700	325	0	14.010	.000v	.42	.13
1256	1725	325	0	14.009	.000v	.42	.13
1257	1750	325	0	14.009	.000v	.42	.13
1258	1775	325	0	14.008	.000v	.42	.13
1259	1800	325	0	14.008	.000v	.42	.13
1260	1825	325	0	14.007	.000v	.41	.13
1261	1850	325	0	14.007	.000v	.40	.13
1262	1875	325	0	14.006	.000v	.41	.12
1263	1900	325	0	14.006	.000v	.41	.12
1264	1925	325	0	14.005	.000v	.40	.12
1265	-25	350	0	14.016	.000v	.48	.24
1266	0	350	0	14.021	.000v	.52	.30
1267	25	350	0	14.027	.000v	.51	.34
1268	50	350	0	14.031	.000v	.46	.36
1269	75	350	0	14.032	.000v	.48	.37
1270	100	350	0	14.032	.000v	.48	.35
1271	125	350	0	14.032	.000v	.49	.32
1272	150	350	0	14.031	.000v	.51	.30
1273	175	350	0	14.030	.000v	.51	.29
1274	200	350	0	14.030	.000v	.50	.28
1275	225	350	0	14.029	.000v	.50	.27
1276	250	350	0	14.029	.000v	.51	.26
1277	275	350	0	14.028	.000v	.50	.26
1278	300	350	0	14.028	.000v	.52	.25
1279	325	350	0	14.027	.000v	.53	.24
1280	350	350	0	14.027	.000v	.55	.24
1281	375	350	0	14.026	.000v	.55	.23
1282	400	350	0	14.026	.000v	.56	.23
1283	425	350	0	14.025	.000v	.54	.23
1284	450	350	0	14.025	.000v	.56	.22
1285	475	350	0	14.024	.000v	.57	.22
1286	500	350	0	14.024	.000v	.57	.22
1287	525	350	0	14.024	.000v	.58	.21
1288	550	350	0	14.023	.000v	.58	.21
1289	575	350	0	14.023	.000v	.57	.21
1290	600	350	0	14.023	.000v	.56	.20
1291	625	350	0	14.022	.000v	.58	.20
1292	650	350	0	14.022	.000v	.57	.20
1293	675	350	0	14.022	.000v	.56	.20
1294	700	350	0	14.022	.000v	.57	.19
1295	725	350	0	14.021	.000v	.56	.20
1296	750	350	0	14.021	.000v	.56	.19
1297	775	350	0	14.021	.000v	.56	.19
1298	800	350	0	14.020	.000v	.55	.18
1299	825	350	0	14.020	.000v	.54	.18
1300	850	350	0	14.019	.000v	.53	.18
1301	875	350	0	14.019	.000v	.53	.17
1302	900	350	0	14.019	.000v	.52	.17
1303	925	350	0	14.019	.000v	.50	.17

1304	950	350	0	14.018	.000v	.50	.17
1305	975	350	0	14.018	.000v	.49	.16
1306	1000	350	0	14.018	.000v	.49	.17
1307	1025	350	0	14.017	.000v	.48	.16
1308	1050	350	0	14.017	.000v	.48	.16
1309	1075	350	0	14.017	.000v	.47	.16
1310	1100	350	0	14.017	.000v	.47	.16
1311	1125	350	0	14.016	.000v	.46	.15
1312	1150	350	0	14.016	.000v	.46	.15
1313	1175	350	0	14.016	.000v	.45	.15
1314	1200	350	0	14.016	.000v	.44	.15
1315	1225	350	0	14.016	.000v	.44	.15
1316	1250	350	0	14.015	.000v	.45	.14
1317	1275	350	0	14.015	.000v	.44	.14
1318	1300	350	0	14.015	.000v	.43	.14
1319	1325	350	0	14.014	.000v	.43	.14
1320	1350	350	0	14.014	.000v	.43	.14
1321	1375	350	0	14.014	.000v	.43	.14
1322	1400	350	0	14.013	.000v	.43	.14
1323	1425	350	0	14.013	.000v	.42	.14
1324	1450	350	0	14.013	.000v	.41	.13
1325	1475	350	0	14.012	.000v	.42	.13
1326	1500	350	0	14.012	.000v	.42	.13
1327	1525	350	0	14.012	.000v	.41	.13
1328	1550	350	0	14.011	.000v	.40	.13
1329	1575	350	0	14.011	.000v	.41	.13
1330	1600	350	0	14.010	.000v	.40	.13
1331	1625	350	0	14.010	.000v	.40	.13
1332	1650	350	0	14.010	.000v	.40	.13
1333	1675	350	0	14.009	.000v	.39	.13
1334	1700	350	0	14.009	.000v	.40	.12
1335	1725	350	0	14.008	.000v	.39	.12
1336	1750	350	0	14.008	.000v	.39	.12
1337	1775	350	0	14.007	.000v	.38	.12
1338	1800	350	0	14.007	.000v	.39	.12
1339	1825	350	0	14.007	.000v	.39	.12
1340	1850	350	0	14.006	.000v	.39	.12
1341	1875	350	0	14.006	.000v	.37	.12
1342	1900	350	0	14.005	.000v	.38	.12
1343	1925	350	0	14.005	.000v	.38	.11
1344	-25	375	0	14.014	.000v	.38	.20
1345	0	375	0	14.017	.000v	.39	.23
1346	25	375	0	14.020	.000v	.38	.24
1347	50	375	0	14.022	.000v	.35	.27
1348	75	375	0	14.024	.000v	.38	.29
1349	100	375	0	14.024	.000v	.44	.28
1350	125	375	0	14.024	.000v	.46	.27
1351	150	375	0	14.024	.000v	.46	.25
1352	175	375	0	14.024	.000v	.45	.24
1353	200	375	0	14.024	.000v	.45	.23
1354	225	375	0	14.023	.000v	.45	.23
1355	250	375	0	14.023	.000v	.45	.22
1356	275	375	0	14.023	.000v	.46	.22
1357	300	375	0	14.023	.000v	.47	.22
1358	325	375	0	14.022	.000v	.46	.21
1359	350	375	0	14.022	.000v	.49	.21
1360	375	375	0	14.022	.000v	.48	.20
1361	400	375	0	14.022	.000v	.48	.20
1362	425	375	0	14.021	.000v	.49	.20
1363	450	375	0	14.021	.000v	.51	.20
1364	475	375	0	14.021	.000v	.50	.19
1365	500	375	0	14.021	.000v	.51	.19
1366	525	375	0	14.020	.000v	.51	.19
1367	550	375	0	14.020	.000v	.52	.18
1368	575	375	0	14.020	.000v	.52	.18
1369	600	375	0	14.020	.000v	.51	.18
1370	625	375	0	14.019	.000v	.52	.18
1371	650	375	0	14.019	.000v	.52	.18
1372	675	375	0	14.019	.000v	.52	.17
1373	700	375	0	14.019	.000v	.51	.17
1374	725	375	0	14.019	.000v	.51	.17
1375	750	375	0	14.018	.000v	.50	.17
1376	775	375	0	14.018	.000v	.50	.16
1377	800	375	0	14.018	.000v	.51	.17
1378	825	375	0	14.017	.000v	.49	.16
1379	850	375	0	14.017	.000v	.49	.16
1380	875	375	0	14.017	.000v	.48	.16

1381	900	375	0	14.017	.000v	.47	.16
1382	925	375	0	14.016	.000v	.46	.15
1383	950	375	0	14.016	.000v	.46	.15
1384	975	375	0	14.016	.000v	.45	.15
1385	1000	375	0	14.016	.000v	.45	.15
1386	1025	375	0	14.015	.000v	.44	.15
1387	1050	375	0	14.015	.000v	.43	.15
1388	1075	375	0	14.015	.000v	.44	.14
1389	1100	375	0	14.015	.000v	.43	.14
1390	1125	375	0	14.015	.000v	.43	.14
1391	1150	375	0	14.014	.000v	.41	.14
1392	1175	375	0	14.014	.000v	.41	.14
1393	1200	375	0	14.014	.000v	.42	.14
1394	1225	375	0	14.014	.000v	.42	.14
1395	1250	375	0	14.014	.000v	.40	.13
1396	1275	375	0	14.013	.000v	.40	.13
1397	1300	375	0	14.013	.000v	.41	.13
1398	1325	375	0	14.013	.000v	.40	.13
1399	1350	375	0	14.013	.000v	.40	.13
1400	1375	375	0	14.012	.000v	.39	.13
1401	1400	375	0	14.012	.000v	.39	.13
1402	1425	375	0	14.012	.000v	.40	.12
1403	1450	375	0	14.011	.000v	.39	.12
1404	1475	375	0	14.011	.000v	.38	.12
1405	1500	375	0	14.011	.000v	.38	.12
1406	1525	375	0	14.010	.000v	.38	.12
1407	1550	375	0	14.010	.000v	.38	.12
1408	1575	375	0	14.010	.000v	.37	.12
1409	1600	375	0	14.009	.000v	.37	.12
1410	1625	375	0	14.009	.000v	.37	.12
1411	1650	375	0	14.009	.000v	.37	.12
1412	1675	375	0	14.008	.000v	.37	.12
1413	1700	375	0	14.008	.000v	.37	.12
1414	1725	375	0	14.007	.000v	.37	.11
1415	1750	375	0	14.007	.000v	.37	.11
1416	1775	375	0	14.007	.000v	.36	.11
1417	1800	375	0	14.006	.000v	.36	.11
1418	1825	375	0	14.006	.000v	.37	.11
1419	1850	375	0	14.005	.000v	.37	.11
1420	1875	375	0	14.005	.000v	.36	.11
1421	1900	375	0	14.005	.000v	.35	.11
1422	1925	375	0	14.004	.000v	.36	.11
	wartosci srednie			14.033	.000	.96	.45

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]

tlo stezenia R = 38.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	-25	-50	0	38.026v	.000v	2.45	.82
2	0	-50	0	38.028	.000v	2.91	1.07
3	25	-50	0	38.031	.000v	3.23	1.28
4	50	-50	0	38.033	.000v	3.46	1.42
5	75	-50	0	38.036	.000v	3.49	1.70
6	100	-50	0	38.038	.000v	3.52	1.74
7	125	-50	0	38.041	.000v	3.72	1.95
8	150	-50	0	38.044	.000v	3.76	2.38
9	175	-50	0	38.047	.000v	3.70	2.49
10	200	-50	0	38.050	.000v	3.97	3.06
11	225	-50	0	38.053	.000v	3.92	3.68
12	250	-50	0	38.056	.000v	4.17	3.56
13	275	-50	0	38.059	.000v	4.19	3.75
14	300	-50	0	38.063	.000v	4.30	3.62
15	325	-50	0	38.066	.000v	4.38	3.80
16	350	-50	0	38.069	.000v	4.54	3.65
17	375	-50	0	38.072	.000v	4.62	3.79
18	400	-50	0	38.075	.000v	4.60	3.84
19	425	-50	0	38.078	.000v	4.73	3.75
20	450	-50	0	38.081	.000v	4.86	3.88
21	475	-50	0	38.085	.000v	5.05	3.82
22	500	-50	0	38.088	.000v	5.12	3.80
23	525	-50	0	38.090	.000v	5.19	3.94
24	550	-50	0	38.094	.000v	5.23	3.92

25	575	-50	0	38.097	.000v	5.34	4.00
26	600	-50	0	38.100	.000v	5.55	3.94
27	625	-50	0	38.102	.000v	5.60	4.02
28	650	-50	0	38.105	.000v	5.59	4.03
29	675	-50	0	38.107	.000v	5.55	4.16
30	700	-50	0	38.109	.000v	5.61	4.07
31	725	-50	0	38.112	.000v	5.62	4.23
32	750	-50	0	38.114	.000v	5.62	4.16
33	775	-50	0	38.116	.000v	5.58	4.31
34	800	-50	0	38.119	.000v	5.60	4.28
35	825	-50	0	38.121	.000v	5.72	4.41
36	850	-50	0	38.123	.000v	5.74	4.28
37	875	-50	0	38.125	.000v	5.68	4.50
38	900	-50	0	38.128	.000v	5.92	4.37
39	925	-50	0	38.131	.000v	6.01	4.54
40	950	-50	0	38.134	.000v	5.99	4.53
41	975	-50	0	38.136	.000v	6.08	4.68
42	1000	-50	0	38.140	.000v	6.23	4.49
43	1025	-50	0	38.142	.000v	6.33	4.74
44	1050	-50	0	38.145	.000v	6.25	4.76
45	1075	-50	0	38.148	.000v	6.50	4.73
46	1100	-50	0	38.152	.000v	6.63	4.84
47	1125	-50	0	38.155	.000v	6.65	5.07
48	1150	-50	0	38.159	.000v	6.71	5.09
49	1175	-50	0	38.162	.000v	6.90	4.97
50	1200	-50	0	38.166	.000v	7.01	5.15
51	1225	-50	0	38.169	.000v	7.10	5.31
52	1250	-50	0	38.171	.000v	7.26	5.33
53	1275	-50	0	38.175	.000v	7.33	5.31
54	1300	-50	0	38.178	.000v	7.58	5.42
55	1325	-50	0	38.182	.000v	7.72	5.47
56	1350	-50	0	38.184	.000v	7.75	5.59
57	1375	-50	0	38.187	.000v	7.93	5.64
58	1400	-50	0	38.190	.000v	8.22	5.71
59	1425	-50	0	38.193	.000v	8.27	5.63
60	1450	-50	0	38.195	.000v	8.52	5.67
61	1475	-50	0	38.198	.000v	8.80	5.76
62	1500	-50	0	38.200	.000v	8.86	5.85
63	1525	-50	0	38.201	.000v	8.97	5.80
64	1550	-50	0	38.203	.000v	9.28	5.83
65	1575	-50	0	38.205	.000v	9.59	5.92
66	1600	-50	0	38.206	.000v	9.66	6.04
67	1625	-50	0	38.206	.000v	9.66	6.02
68	1650	-50	0	38.206	.000v	9.77	6.01
69	1675	-50	0	38.206	.000v	10.12	6.06
70	1700	-50	0	38.206	.000v	10.13	6.14
71	1725	-50	0	38.204	.000v	10.06	6.10
72	1750	-50	0	38.202	.000v	9.97	6.14
73	1775	-50	0	38.200	.000v	10.32	6.11
74	1800	-50	0	38.196	.000v	10.37	6.27
75	1825	-50	0	38.190	.000v	10.34	6.27
76	1850	-50	0	38.182	.000v	10.22	6.49
77	1875	-50	0	38.170	.000v	10.54	6.60
78	1900	-50	0	38.157	.000v	10.64	6.56
79	1925	-50	0	38.142	.000v	10.76	6.07
80	-25	-25	0	38.029	.000v	2.46	.81v
81	0	-25	0	38.031	.000v	2.99	1.11
82	25	-25	0	38.034	.000v	3.31	1.36
83	50	-25	0	38.037	.000v	3.43	1.50
84	75	-25	0	38.040	.000v	3.71	1.74
85	100	-25	0	38.043	.000v	3.63	1.81
86	125	-25	0	38.046	.000v	3.87	2.15
87	150	-25	0	38.050	.000v	3.93	2.56
88	175	-25	0	38.053	.000v	4.00	2.80
89	200	-25	0	38.057	.000v	4.16	3.63
90	225	-25	0	38.060	.000v	4.13	3.87
91	250	-25	0	38.064	.000v	4.40	3.76
92	275	-25	0	38.068	.000v	4.50	3.91
93	300	-25	0	38.071	.000v	4.52	3.85
94	325	-25	0	38.075	.000v	4.75	3.93
95	350	-25	0	38.079	.000v	4.88	4.03
96	375	-25	0	38.083	.000v	4.91	3.92
97	400	-25	0	38.086	.000v	4.93	4.04
98	425	-25	0	38.090	.000v	5.15	4.08
99	450	-25	0	38.094	.000v	5.41	4.07
100	475	-25	0	38.097	.000v	5.37	4.10
101	500	-25	0	38.101	.000v	5.45	4.10

102	525	-25	0	38.104	.000v	5.57	4.11
103	550	-25	0	38.108	.000v	5.71	4.10
104	575	-25	0	38.111	.000v	5.83	4.27
105	600	-25	0	38.114	.000v	5.94	4.17
106	625	-25	0	38.118	.000v	5.95	4.30
107	650	-25	0	38.121	.000v	6.16	4.33
108	675	-25	0	38.124	.000v	6.27	4.39
109	700	-25	0	38.127	.000v	6.14	4.38
110	725	-25	0	38.130	.000v	6.12	4.33
111	750	-25	0	38.132	.000v	6.03	4.50
112	775	-25	0	38.135	.000v	6.28	4.61
113	800	-25	0	38.138	.000v	6.32	4.69
114	825	-25	0	38.141	.000v	6.20	4.53
115	850	-25	0	38.144	.000v	6.28	4.76
116	875	-25	0	38.147	.000v	6.51	4.78
117	900	-25	0	38.151	.000v	6.53	4.91
118	925	-25	0	38.153	.000v	6.46	4.80
119	950	-25	0	38.157	.000v	6.71	5.01
120	975	-25	0	38.160	.000v	6.86	5.02
121	1000	-25	0	38.165	.000v	6.84	4.98
122	1025	-25	0	38.168	.000v	6.99	5.15
123	1050	-25	0	38.173	.000v	7.17	5.27
124	1075	-25	0	38.176	.000v	7.17	5.46
125	1100	-25	0	38.181	.000v	7.41	5.19
126	1125	-25	0	38.186	.000v	7.51	5.47
127	1150	-25	0	38.191	.000v	7.83	5.50
128	1175	-25	0	38.196	.000v	7.76	5.72
129	1200	-25	0	38.200	.000v	7.96	5.65
130	1225	-25	0	38.204	.000v	8.06	5.86
131	1250	-25	0	38.210	.000v	8.45	5.83
132	1275	-25	0	38.214	.000v	8.45	5.95
133	1300	-25	0	38.218	.000v	8.67	5.99
134	1325	-25	0	38.223	.000v	8.81	6.22
135	1350	-25	0	38.228	.000v	9.06	6.13
136	1375	-25	0	38.233	.000v	9.21	6.23
137	1400	-25	0	38.238	.000v	9.53	6.31
138	1425	-25	0	38.241	.000v	9.66	6.53
139	1450	-25	0	38.246	.000v	9.99	6.47
140	1475	-25	0	38.250	.000v	10.29	6.57
141	1500	-25	0	38.255	.000v	10.34	6.69
142	1525	-25	0	38.258	.000v	10.76	6.79
143	1550	-25	0	38.260	.000v	10.98	6.83
144	1575	-25	0	38.263	.000v	11.18	6.82
145	1600	-25	0	38.266	.000v	11.31	6.83
146	1625	-25	0	38.268	.000v	11.72	6.84
147	1650	-25	0	38.268	.000v	11.74	6.90
148	1675	-25	0	38.269	.000v	11.69	6.93
149	1700	-25	0	38.270	.000v	11.92	6.94
150	1725	-25	0	38.271	.000v	12.10	6.87
151	1750	-25	0	38.271	.000v	12.20	6.90
152	1775	-25	0	38.269	.000v	11.98	7.06
153	1800	-25	0	38.265	.000v	12.38	7.16
154	1825	-25	0	38.257	.000v	12.48	7.29
155	1850	-25	0	38.246	.000v	12.75	7.34
156	1875	-25	0	38.229	.000v	12.79	7.43
157	1900	-25	0	38.204	.000v	13.04	7.49
158	1925	-25	0	38.177	.000v	13.26	6.54
159	-25	0	0	38.033	.000v	2.40	.89
160	0	0	0	38.035	.000v	2.98	1.13
161	25	0	0	38.038	.000v	3.43	1.42
162	50	0	0	38.042	.000v	3.62	1.57
163	75	0	0	38.045	.000v	3.77	1.82
164	100	0	0	38.049	.000v	3.83	1.91
165	125	0	0	38.053	.000v	4.03	2.47
166	150	0	0	38.057	.000v	4.02	2.72
167	175	0	0	38.061	.000v	4.17	3.25
168	200	0	0	38.065	.000v	4.29	3.96
169	225	0	0	38.070	.000v	4.48	4.07
170	250	0	0	38.074	.000v	4.57	3.97
171	275	0	0	38.079	.000v	4.76	4.08
172	300	0	0	38.083	.000v	4.79	4.13
173	325	0	0	38.088	.000v	5.19	4.14
174	350	0	0	38.092	.000v	5.04	4.27
175	375	0	0	38.096	.000v	5.33	4.25
176	400	0	0	38.100	.000v	5.46	4.35
177	425	0	0	38.105	.000v	5.72	4.32
178	450	0	0	38.109	.000v	5.69	4.31

179	475	0	0	38.113	.000v	5.89	4.33
180	500	0	0	38.117	.000v	6.00	4.37
181	525	0	0	38.121	.000v	6.09	4.27
182	550	0	0	38.125	.000v	6.22	4.46
183	575	0	0	38.129	.000v	6.37	4.41
184	600	0	0	38.133	.000v	6.46	4.66
185	625	0	0	38.137	.000v	6.67	4.39
186	650	0	0	38.141	.000v	6.77	4.61
187	675	0	0	38.145	.000v	6.71	4.65
188	700	0	0	38.149	.000v	6.79	4.81
189	725	0	0	38.152	.000v	6.88	4.66
190	750	0	0	38.155	.000v	6.97	4.80
191	775	0	0	38.159	.000v	6.82	4.97
192	800	0	0	38.163	.000v	6.94	5.00
193	825	0	0	38.167	.000v	7.07	4.96
194	850	0	0	38.170	.000v	7.06	5.07
195	875	0	0	38.175	.000v	7.22	5.18
196	900	0	0	38.179	.000v	7.29	5.29
197	925	0	0	38.184	.000v	7.44	5.23
198	950	0	0	38.188	.000v	7.37	5.39
199	975	0	0	38.193	.000v	7.71	5.46
200	1000	0	0	38.198	.000v	7.76	5.61
201	1025	0	0	38.203	.000v	8.02	5.66
202	1050	0	0	38.209	.000v	8.11	5.59
203	1075	0	0	38.215	.000v	8.39	5.74
204	1100	0	0	38.221	.000v	8.44	5.82
205	1125	0	0	38.227	.000v	8.65	5.86
206	1150	0	0	38.234	.000v	8.92	5.89
207	1175	0	0	38.242	.000v	9.17	6.16
208	1200	0	0	38.247	.000v	9.25	6.17
209	1225	0	0	38.255	.000v	9.41	6.31
210	1250	0	0	38.262	.000v	9.63	6.48
211	1275	0	0	38.269	.000v	10.06	6.53
212	1300	0	0	38.277	.000v	10.39	6.58
213	1325	0	0	38.285	.000v	10.38	6.91
214	1350	0	0	38.293	.000v	10.66	6.94
215	1375	0	0	38.301	.000v	11.07	7.10
216	1400	0	0	38.310	.000v	11.55	7.14
217	1425	0	0	38.317	.000v	11.71	7.49
218	1450	0	0	38.325	.000v	12.10	7.43
219	1475	0	0	38.332	.000v	12.43	7.63
220	1500	0	0	38.340	.000v	13.05	7.57
221	1525	0	0	38.346	.000v	13.21	7.75
222	1550	0	0	38.352	.000v	13.56	7.64
223	1575	0	0	38.357	.000v	13.88	7.62
224	1600	0	0	38.363	.000v	14.33	7.63
225	1625	0	0	38.368	.000v	14.31	7.84
226	1650	0	0	38.372	.000v	14.67	7.76
227	1675	0	0	38.377	.000v	14.91	7.79
228	1700	0	0	38.382	.000v	14.94	7.86
229	1725	0	0	38.388	.000v	14.98	8.09
230	1750	0	0	38.393	.000v	15.24	7.92
231	1775	0	0	38.396	.000v	15.84	8.10
232	1800	0	0	38.393	.000v	15.89	7.99
233	1825	0	0	38.383	.000v	16.30	8.36
234	1850	0	0	38.364	.000v	16.52	8.31
235	1875	0	0	38.333	.000v	17.02	8.64
236	1900	0	0	38.283	.000v	17.10	8.56
237	1925	0	0	38.227	.000v	17.29	8.18
238	-25	25	0	38.036	.000v	2.27	.88
239	0	25	0	38.040	.000v	3.11	1.22
240	25	25	0	38.043	.000v	3.39	1.47
241	50	25	0	38.048	.000v	3.84	1.69
242	75	25	0	38.052	.000v	3.87	1.93
243	100	25	0	38.056	.000v	4.15	2.05
244	125	25	0	38.061	.000v	4.20	2.66
245	150	25	0	38.066	.000v	4.33	2.98
246	175	25	0	38.071	.000v	4.44	3.83
247	200	25	0	38.076	.000v	4.58	4.17
248	225	25	0	38.081	.000v	4.77	4.19
249	250	25	0	38.087	.000v	5.01	4.28
250	275	25	0	38.092	.000v	5.16	4.29
251	300	25	0	38.097	.000v	5.32	4.34
252	325	25	0	38.103	.000v	5.49	4.50
253	350	25	0	38.108	.000v	5.63	4.46
254	375	25	0	38.113	.000v	5.91	4.43
255	400	25	0	38.118	.000v	6.05	4.53

256	425	25	0	38.123	.000v	6.08	4.74
257	450	25	0	38.128	.000v	6.35	4.57
258	475	25	0	38.133	.000v	6.42	4.66
259	500	25	0	38.138	.000v	6.61	4.67
260	525	25	0	38.142	.000v	6.70	4.79
261	550	25	0	38.147	.000v	6.86	4.58
262	575	25	0	38.152	.000v	7.03	4.78
263	600	25	0	38.157	.000v	7.24	4.83
264	625	25	0	38.162	.000v	7.30	4.91
265	650	25	0	38.166	.000v	7.40	4.94
266	675	25	0	38.172	.000v	7.65	5.07
267	700	25	0	38.176	.000v	7.57	5.11
268	725	25	0	38.181	.000v	7.63	5.26
269	750	25	0	38.185	.000v	7.77	5.17
270	775	25	0	38.190	.000v	7.85	5.38
271	800	25	0	38.195	.000v	7.88	5.37
272	825	25	0	38.200	.000v	7.98	5.52
273	850	25	0	38.206	.000v	8.14	5.44
274	875	25	0	38.212	.000v	8.28	5.60
275	900	25	0	38.218	.000v	8.57	5.66
276	925	25	0	38.223	.000v	8.46	5.85
277	950	25	0	38.230	.000v	8.71	5.73
278	975	25	0	38.238	.000v	8.87	5.93
279	1000	25	0	38.245	.000v	9.29	5.99
280	1025	25	0	38.252	.000v	9.28	6.26
281	1050	25	0	38.260	.000v	9.49	6.24
282	1075	25	0	38.269	.000v	9.55	6.32
283	1100	25	0	38.278	.000v	10.06	6.48
284	1125	25	0	38.288	.000v	10.26	6.57
285	1150	25	0	38.298	.000v	10.55	6.72
286	1175	25	0	38.310	.000v	10.80	6.82
287	1200	25	0	38.320	.000v	11.02	7.21
288	1225	25	0	38.332	.000v	11.44	7.23
289	1250	25	0	38.343	.000v	11.90	7.29
290	1275	25	0	38.356	.000v	12.26	7.42
291	1300	25	0	38.369	.000v	12.55	7.77
292	1325	25	0	38.385	.000v	12.98	7.99
293	1350	25	0	38.400	.000v	13.48	8.20
294	1375	25	0	38.414	.000v	13.94	8.24
295	1400	25	0	38.429	.000v	14.56	8.48
296	1425	25	0	38.444	.000v	15.11	8.82
297	1450	25	0	38.459	.000v	15.59	8.80
298	1475	25	0	38.476	.000v	16.35	8.91
299	1500	25	0	38.490	.000v	16.83	8.94
300	1525	25	0	38.505	.000v	17.41	8.71
301	1550	25	0	38.517	.000v	17.92	8.91
302	1575	25	0	38.532	.000v	18.56	9.26
303	1600	25	0	38.543	.000v	18.96	9.33
304	1625	25	0	38.557	.000v	19.34	9.48
305	1650	25	0	38.566	.000v	19.43	9.70
306	1675	25	0	38.580	.000v	19.88	9.85
307	1700	25	0	38.596	.000v	20.55	9.94
308	1725	25	0	38.613	.000v	21.03	10.31
309	1750	25	0	38.629	.000v	21.57	10.45
310	1775	25	0	38.646	.000v	22.66	10.87
311	1800	25	0	38.651	.000v	23.86	10.97
312	1825	25	0	38.637	.000v	24.02	11.31
313	1850	25	0	38.597	.000v	24.55	11.68
314	1875	25	0	38.528	.000v	25.34	11.88
315	1900	25	0	38.419	.000v	26.10	11.77
316	1925	25	0	38.287	.000v	24.11	9.68
317	-25	50	0	38.041	.000v	2.20	.94
318	0	50	0	38.045	.000v	3.07	1.27
319	25	50	0	38.050	.000v	3.52	1.57
320	50	50	0	38.054	.000v	3.97	1.84
321	75	50	0	38.059	.000v	4.02	1.97
322	100	50	0	38.065	.000v	4.24	2.19
323	125	50	0	38.071	.000v	4.39	3.01
324	150	50	0	38.077	.000v	4.52	3.43
325	175	50	0	38.083	.000v	4.72	4.40
326	200	50	0	38.090	.000v	4.82	4.37
327	225	50	0	38.096	.000v	5.27	4.50
328	250	50	0	38.103	.000v	5.46	4.43
329	275	50	0	38.109	.000v	5.57	4.62
330	300	50	0	38.116	.000v	5.92	4.68
331	325	50	0	38.122	.000v	6.02	4.77
332	350	50	0	38.128	.000v	6.32	4.79

333	375	50	0	38.135	.000v	6.39	4.87
334	400	50	0	38.141	.000v	6.67	4.89
335	425	50	0	38.147	.000v	6.84	4.83
336	450	50	0	38.152	.000v	6.94	4.91
337	475	50	0	38.159	.000v	7.16	5.04
338	500	50	0	38.164	.000v	7.32	5.02
339	525	50	0	38.170	.000v	7.50	5.14
340	550	50	0	38.176	.000v	7.78	4.95
341	575	50	0	38.182	.000v	7.71	5.08
342	600	50	0	38.188	.000v	8.03	5.23
343	625	50	0	38.194	.000v	8.25	5.17
344	650	50	0	38.200	.000v	8.38	5.30
345	675	50	0	38.208	.000v	8.69	5.39
346	700	50	0	38.214	.000v	8.71	5.52
347	725	50	0	38.220	.000v	8.72	5.58
348	750	50	0	38.227	.000v	8.91	5.59
349	775	50	0	38.234	.000v	9.18	5.74
350	800	50	0	38.241	.000v	9.11	6.03
351	825	50	0	38.248	.000v	9.24	6.10
352	850	50	0	38.256	.000v	9.36	6.08
353	875	50	0	38.265	.000v	9.77	6.14
354	900	50	0	38.273	.000v	10.01	6.38
355	925	50	0	38.283	.000v	10.16	6.40
356	950	50	0	38.292	.000v	10.21	6.61
357	975	50	0	38.303	.000v	10.68	6.82
358	1000	50	0	38.314	.000v	10.99	6.82
359	1025	50	0	38.327	.000v	11.30	6.91
360	1050	50	0	38.339	.000v	11.35	7.28
361	1075	50	0	38.353	.000v	11.97	7.50
362	1100	50	0	38.367	.000v	12.29	7.49
363	1125	50	0	38.384	.000v	12.79	7.73
364	1150	50	0	38.402	.000v	13.06	8.12
365	1175	50	0	38.421	.000v	13.64	8.15
366	1200	50	0	38.440	.000v	13.96	8.27
367	1225	50	0	38.460	.000v	14.61	8.56
368	1250	50	0	38.482	.000v	15.23	8.99
369	1275	50	0	38.507	.000v	16.08	8.62
370	1300	50	0	38.537	.000v	16.46	9.14
371	1325	50	0	38.567	.000v	17.20	9.87
372	1350	50	0	38.598	.000v	18.21	10.02
373	1375	50	0	38.630	.000v	19.57	9.78
374	1400	50	0	38.660	.000v	20.14	10.06
375	1425	50	0	38.688	.000v	21.38	10.59
376	1450	50	0	38.714	.000v	22.40	10.97
377	1475	50	0	38.742	.000v	23.72	11.43
378	1500	50	0	38.769	.000v	24.62	11.61
379	1525	50	0	38.794	.000v	25.97	12.24
380	1550	50	0	38.817	.000v	27.22	12.19
381	1575	50	0	38.834	.000v	27.94	12.39
382	1600	50	0	38.860	.000v	28.34	12.55
383	1625	50	0	38.878	.000v	29.22	13.22
384	1650	50	0	38.899	.000v	30.62	13.73
385	1675	50	0	38.908	.000v	31.17	13.42
386	1700	50	0	38.927	.000v	31.25	13.39
387	1725	50	0	38.946	.000v	30.98	13.19
388	1750	50	0	38.962	.000v	30.52	12.86
389	1775	50	0	38.960	.000v	30.46	12.96
390	1800	50	0	38.926	.000v	29.86	12.49
391	1825	50	0	38.915	.000v	29.60	12.97
392	1850	50	0	38.848	.000v	29.48	12.64
393	1875	50	0	38.650	.000v	29.02	12.30
394	1900	50	0	38.486	.000v	28.83	12.35
395	1925	50	0	38.308	.000v	25.68	9.59
396	-25	75	0	38.046	.000v	2.12v	1.02
397	0	75	0	38.052	.000v	2.97	1.29
398	25	75	0	38.057	.000v	3.65	1.71
399	50	75	0	38.063	.000v	3.96	1.96
400	75	75	0	38.069	.000v	4.32	2.15
401	100	75	0	38.076	.000v	4.52	2.68
402	125	75	0	38.084	.000v	4.54	3.30
403	150	75	0	38.091	.000v	4.69	4.07
404	175	75	0	38.099	.000v	5.01	4.73
405	200	75	0	38.108	.000v	5.37	4.78
406	225	75	0	38.116	.000v	5.69	4.68
407	250	75	0	38.124	.000v	6.07	4.80
408	275	75	0	38.133	.000v	6.33	4.87
409	300	75	0	38.140	.000v	6.46	5.14

410	325	75	0	38.148	.000v	6.70	5.06
411	350	75	0	38.156	.000v	7.02	5.03
412	375	75	0	38.164	.000v	7.29	5.09
413	400	75	0	38.171	.000v	7.34	5.20
414	425	75	0	38.179	.000v	7.81	5.18
415	450	75	0	38.185	.000v	7.86	5.47
416	475	75	0	38.193	.000v	8.22	5.45
417	500	75	0	38.201	.000v	8.29	5.49
418	525	75	0	38.208	.000v	8.57	5.59
419	550	75	0	38.215	.000v	8.73	5.69
420	575	75	0	38.224	.000v	8.96	5.74
421	600	75	0	38.232	.000v	9.29	5.86
422	625	75	0	38.240	.000v	9.41	6.00
423	650	75	0	38.249	.000v	9.81	6.09
424	675	75	0	38.258	.000v	9.90	6.20
425	700	75	0	38.268	.000v	10.06	6.37
426	725	75	0	38.277	.000v	10.40	6.45
427	750	75	0	38.287	.000v	10.54	6.57
428	775	75	0	38.297	.000v	10.66	6.71
429	800	75	0	38.308	.000v	10.80	6.90
430	825	75	0	38.319	.000v	11.30	6.95
431	850	75	0	38.332	.000v	11.56	7.09
432	875	75	0	38.345	.000v	11.60	7.27
433	900	75	0	38.359	.000v	12.07	7.39
434	925	75	0	38.374	.000v	12.45	7.67
435	950	75	0	38.391	.000v	12.94	7.44
436	975	75	0	38.409	.000v	13.25	7.76
437	1000	75	0	38.429	.000v	13.79	7.96
438	1025	75	0	38.451	.000v	14.22	8.51
439	1050	75	0	38.474	.000v	14.87	8.34
440	1075	75	0	38.499	.000v	15.62	8.36
441	1100	75	0	38.524	.000v	16.07	8.69
442	1125	75	0	38.556	.000v	16.94	8.98
443	1150	75	0	38.592	.000v	17.69	9.51
444	1175	75	0	38.632	.000v	18.59	9.47
445	1200	75	0	38.669	.000v	19.63	9.77
446	1225	75	0	38.710	.000v	21.10	10.37
447	1250	75	0	38.756	.000v	22.23	10.83
448	1275	75	0	38.796	.000v	22.90	11.43
449	1300	75	0	38.836	.000v	24.65	11.93
450	1325	75	0	38.889	.000v	27.69	13.01
451	1350	75	0	38.940	.000v	29.62	13.41
452	1375	75	0	38.979	.000v	30.86	14.01
453	1400	75	0	38.998	.000v	32.83	14.76
454	1425	75	0	39.057	.000v	35.37	15.79
455	1450	75	0	39.088	.000v	36.08	15.40
456	1475	75	0	39.095	.000v	35.49	14.23
457	1500	75	0	39.086	.000v	34.25	14.34
458	1525	75	0	39.108	.000v	33.13	13.83
459	1550	75	0	39.118	.000v	31.58	13.22
460	1575	75	0	39.113	.000v	30.31	12.71
461	1600	75	0	39.103	.000v	28.76	12.06
462	1625	75	0	39.113	.000v	27.99	11.90
463	1650	75	0	39.101	.000v	27.08	12.15
464	1675	75	0	39.060	.000v	26.86	12.01
465	1700	75	0	39.022	.000v	26.23	11.75
466	1725	75	0	39.012	.000v	26.30	12.02
467	1750	75	0	38.979	.000v	25.52	11.31
468	1775	75	0	38.943	.000v	24.36	10.50
469	1800	75	0	38.899	.000v	23.40	10.50
470	1825	75	0	38.831	.000v	23.11	10.29
471	1850	75	0	38.719	.000v	22.48	10.09
472	1875	75	0	38.537	.000v	21.74	9.89
473	1900	75	0	38.377	.000v	21.26	9.61
474	1925	75	0	38.266	.000v	20.27	8.36
475	-25	100	0	38.053	.000v	2.14	1.07
476	0	100	0	38.059	.000v	3.03	1.35
477	25	100	0	38.066	.000v	3.66	1.80
478	50	100	0	38.073	.000v	4.30	2.14
479	75	100	0	38.082	.000v	4.54	2.39
480	100	100	0	38.091	.000v	4.65	3.10
481	125	100	0	38.100	.000v	4.96	3.62
482	150	100	0	38.110	.000v	5.16	4.81
483	175	100	0	38.121	.000v	5.57	5.05
484	200	100	0	38.132	.000v	5.88	5.10
485	225	100	0	38.142	.000v	6.34	5.07
486	250	100	0	38.153	.000v	6.70	5.18

487	275	100	0	38.164	.000v	7.24	5.28
488	300	100	0	38.175	.000v	7.30	5.50
489	325	100	0	38.185	.000v	7.64	5.54
490	350	100	0	38.195	.000v	8.11	5.68
491	375	100	0	38.205	.000v	8.31	5.62
492	400	100	0	38.214	.000v	8.72	6.03
493	425	100	0	38.223	.000v	8.85	6.06
494	450	100	0	38.234	.000v	9.21	5.97
495	475	100	0	38.243	.000v	9.34	6.07
496	500	100	0	38.253	.000v	9.76	6.00
497	525	100	0	38.263	.000v	10.06	6.38
498	550	100	0	38.274	.000v	10.28	6.47
499	575	100	0	38.285	.000v	10.54	6.49
500	600	100	0	38.297	.000v	11.01	6.54
501	625	100	0	38.309	.000v	11.15	6.91
502	650	100	0	38.322	.000v	11.64	6.94
503	675	100	0	38.336	.000v	11.88	7.04
504	700	100	0	38.352	.000v	12.55	7.26
505	725	100	0	38.367	.000v	12.60	7.65
506	750	100	0	38.382	.000v	12.89	7.60
507	775	100	0	38.399	.000v	13.26	7.59
508	800	100	0	38.417	.000v	13.85	7.83
509	825	100	0	38.438	.000v	14.09	8.15
510	850	100	0	38.460	.000v	14.67	8.23
511	875	100	0	38.487	.000v	15.27	8.49
512	900	100	0	38.513	.000v	15.84	8.68
513	925	100	0	38.540	.000v	16.54	8.96
514	950	100	0	38.570	.000v	17.23	9.25
515	975	100	0	38.606	.000v	18.18	9.18
516	1000	100	0	38.649	.000v	18.76	9.74
517	1025	100	0	38.691	.000v	20.14	10.04
518	1050	100	0	38.737	.000v	21.33	10.56
519	1075	100	0	38.785	.000v	23.01	10.97
520	1100	100	0	38.833	.000v	23.89	11.52
521	1125	100	0	38.881	.000v	25.83	12.15
522	1150	100	0	38.932	.000v	27.24	12.55
523	1175	100	0	38.993	.000v	30.37	14.09
524	1200	100	0	39.027	.000v	32.83	15.29
525	1225	100	0	39.066	.000v	34.23	15.47
526	1250	100	0	39.113	.000v	35.45	15.09
527	1275	100	0	39.184	.000v	38.13	17.33^
528	1300	100	0	39.186	.000v	38.61^	16.54
529	1325	100	0	39.191	.000v	36.21	14.90
530	1350	100	0	39.206	.000v	33.35	13.73
531	1375	100	0	39.217^	.000v	30.80	12.95
532	1400	100	0	39.201	.000v	27.96	11.89
533	1425	100	0	39.164	.000v	25.20	11.48
534	1450	100	0	39.128	.000v	23.71	11.13
535	1475	100	0	39.092	.000v	23.11	10.94
536	1500	100	0	39.054	.000v	22.99	10.74
537	1525	100	0	39.013	.000v	22.52	10.32
538	1550	100	0	38.974	.000v	22.23	10.10
539	1575	100	0	38.933	.000v	21.51	9.79
540	1600	100	0	38.891	.000v	20.90	9.49
541	1625	100	0	38.851	.000v	19.88	9.26
542	1650	100	0	38.814	.000v	19.05	8.54
543	1675	100	0	38.777	.000v	17.91	8.29
544	1700	100	0	38.742	.000v	17.21	8.24
545	1725	100	0	38.708	.000v	16.43	7.88
546	1750	100	0	38.678	.000v	16.32	7.67
547	1775	100	0	38.642	.000v	15.87	7.52
548	1800	100	0	38.599	.000v	15.71	7.40
549	1825	100	0	38.540	.000v	15.27	7.40
550	1850	100	0	38.462	.000v	15.08	7.19
551	1875	100	0	38.364	.000v	14.65	7.21
552	1900	100	0	38.274	.000v	14.61	6.93
553	1925	100	0	38.212	.000v	14.49	6.52
554	-25	125	0	38.061	.000v	2.40	1.19
555	0	125	0	38.069	.000v	2.91	1.45
556	25	125	0	38.077	.000v	3.99	1.98
557	50	125	0	38.087	.000v	4.35	2.43
558	75	125	0	38.099	.000v	4.82	2.75
559	100	125	0	38.110	.000v	5.17	3.48
560	125	125	0	38.123	.000v	5.34	4.46
561	150	125	0	38.137	.000v	5.76	5.37
562	175	125	0	38.152	.000v	6.28	5.45
563	200	125	0	38.167	.000v	6.84	5.43

564	225	125	0	38.182	.000v	7.42	5.66
565	250	125	0	38.197	.000v	7.87	5.72
566	275	125	0	38.211	.000v	8.23	5.92
567	300	125	0	38.225	.000v	8.64	6.02
568	325	125	0	38.239	.000v	9.05	6.13
569	350	125	0	38.252	.000v	9.48	6.11
570	375	125	0	38.265	.000v	9.77	6.50
571	400	125	0	38.277	.000v	10.26	6.61
572	425	125	0	38.291	.000v	10.61	6.84
573	450	125	0	38.305	.000v	10.92	6.78
574	475	125	0	38.319	.000v	11.20	7.07
575	500	125	0	38.333	.000v	11.72	7.11
576	525	125	0	38.348	.000v	12.14	7.01
577	550	125	0	38.366	.000v	12.52	7.39
578	575	125	0	38.384	.000v	13.03	7.37
579	600	125	0	38.402	.000v	13.45	7.71
580	625	125	0	38.423	.000v	13.99	7.75
581	650	125	0	38.444	.000v	14.53	8.13
582	675	125	0	38.470	.000v	15.28	8.28
583	700	125	0	38.498	.000v	15.83	8.48
584	725	125	0	38.527	.000v	16.42	8.84
585	750	125	0	38.555	.000v	17.16	9.01
586	775	125	0	38.589	.000v	18.20	9.10
587	800	125	0	38.622	.000v	18.85	9.41
588	825	125	0	38.662	.000v	19.62	9.76
589	850	125	0	38.707	.000v	20.63	10.13
590	875	125	0	38.755	.000v	22.21	10.74
591	900	125	0	38.806	.000v	24.17	11.55
592	925	125	0	38.855	.000v	25.49	11.78
593	950	125	0	38.909	.000v	26.43	12.50
594	975	125	0	38.957	.000v	27.84	12.58
595	1000	125	0	39.011	.000v	29.62	13.59
596	1025	125	0	39.071	.000v	30.38	14.31
597	1050	125	0	39.114	.000v	30.90	14.66
598	1075	125	0	39.139	.000v	31.99	15.74
599	1100	125	0	39.168	.000v	34.31	16.56
600	1125	125	0	39.211	.000v	35.15	16.22
601	1150	125	0	39.213	.000v	34.48	14.80
602	1175	125	0	39.196	.000v	33.43	14.62
603	1200	125	0	39.183	.000v	31.46	13.16
604	1225	125	0	39.173	.000v	28.66	12.24
605	1250	125	0	39.144	.000v	25.55	11.17
606	1275	125	0	39.096	.000v	22.97	10.67
607	1300	125	0	39.046	.000v	20.99	9.92
608	1325	125	0	38.999	.000v	20.53	9.72
609	1350	125	0	38.949	.000v	19.84	9.24
610	1375	125	0	38.899	.000v	19.34	9.08
611	1400	125	0	38.851	.000v	18.37	8.62
612	1425	125	0	38.814	.000v	17.69	8.36
613	1450	125	0	38.782	.000v	16.77	8.20
614	1475	125	0	38.753	.000v	15.88	7.65
615	1500	125	0	38.725	.000v	15.23	7.47
616	1525	125	0	38.696	.000v	14.49	7.22
617	1550	125	0	38.668	.000v	14.51	7.11
618	1575	125	0	38.639	.000v	14.46	7.01
619	1600	125	0	38.611	.000v	14.29	6.91
620	1625	125	0	38.583	.000v	13.79	6.78
621	1650	125	0	38.558	.000v	13.62	6.61
622	1675	125	0	38.535	.000v	13.43	6.59
623	1700	125	0	38.511	.000v	12.99	6.35
624	1725	125	0	38.488	.000v	12.59	6.16
625	1750	125	0	38.463	.000v	12.13	5.92
626	1775	125	0	38.436	.000v	12.04	5.93
627	1800	125	0	38.403	.000v	11.85	5.87
628	1825	125	0	38.363	.000v	11.77	5.84
629	1850	125	0	38.314	.000v	11.51	5.67
630	1875	125	0	38.260	.000v	11.40	5.57
631	1900	125	0	38.210	.000v	11.25	5.42
632	1925	125	0	38.172	.000v	11.18	5.13
633	-25	150	0	38.071	.000v	2.71	1.35
634	0	150	0	38.081	.000v	2.88	1.62
635	25	150	0	38.092	.000v	3.98	2.18
636	50	150	0	38.106	.000v	4.63	2.81
637	75	150	0	38.121	.000v	4.96	3.24
638	100	150	0	38.138	.000v	5.27	4.10
639	125	150	0	38.157	.000v	5.93	5.36
640	150	150	0	38.178	.000v	6.50	5.72

641	175	150	0	38.199	.000v	7.08	6.03
642	200	150	0	38.221	.000v	7.87	6.09
643	225	150	0	38.242	.000v	8.67	6.42
644	250	150	0	38.264	.000v	9.35	6.57
645	275	150	0	38.285	.000v	9.77	6.76
646	300	150	0	38.304	.000v	10.40	6.93
647	325	150	0	38.324	.000v	11.03	6.99
648	350	150	0	38.343	.000v	11.67	7.19
649	375	150	0	38.363	.000v	12.24	7.34
650	400	150	0	38.383	.000v	12.56	7.51
651	425	150	0	38.404	.000v	13.31	7.82
652	450	150	0	38.425	.000v	13.70	7.96
653	475	150	0	38.448	.000v	14.30	8.11
654	500	150	0	38.473	.000v	15.05	8.21
655	525	150	0	38.500	.000v	15.49	8.40
656	550	150	0	38.532	.000v	16.23	8.80
657	575	150	0	38.568	.000v	17.46	8.85
658	600	150	0	38.603	.000v	18.26	9.12
659	625	150	0	38.641	.000v	19.28	9.63
660	650	150	0	38.678	.000v	20.19	10.03
661	675	150	0	38.720	.000v	21.53	10.56
662	700	150	0	38.767	.000v	22.68	11.22
663	725	150	0	38.817	.000v	24.98	11.88
664	750	150	0	38.864	.000v	27.13	12.69
665	775	150	0	38.905	.000v	28.30	12.73
666	800	150	0	38.966	.000v	29.53	13.32
667	825	150	0	39.024	.000v	30.83	13.64
668	850	150	0	39.069	.000v	31.39	13.10
669	875	150	0	39.086	.000v	30.51	13.78
670	900	150	0	39.118	.000v	29.77	14.17
671	925	150	0	39.176	.000v	29.05	13.91
672	950	150	0	39.188	.000v	29.45	14.10
673	975	150	0	39.154	.000v	29.24	13.84
674	1000	150	0	39.136	.000v	29.05	12.94
675	1025	150	0	39.140	.000v	27.96	12.41
676	1050	150	0	39.117	.000v	27.11	11.59
677	1075	150	0	39.079	.000v	24.90	10.90
678	1100	150	0	39.046	.000v	22.89	9.96
679	1125	150	0	39.001	.000v	20.55	9.44
680	1150	150	0	38.956	.000v	19.21	9.37
681	1175	150	0	38.914	.000v	18.39	8.82
682	1200	150	0	38.869	.000v	18.09	8.47
683	1225	150	0	38.822	.000v	17.25	8.35
684	1250	150	0	38.780	.000v	16.89	7.89
685	1275	150	0	38.746	.000v	16.21	7.64
686	1300	150	0	38.715	.000v	15.42	7.47
687	1325	150	0	38.684	.000v	14.65	7.10
688	1350	150	0	38.654	.000v	13.98	6.90
689	1375	150	0	38.627	.000v	13.62	6.70
690	1400	150	0	38.600	.000v	12.98	6.43
691	1425	150	0	38.578	.000v	12.93	6.41
692	1450	150	0	38.557	.000v	12.46	6.21
693	1475	150	0	38.540	.000v	12.31	6.11
694	1500	150	0	38.522	.000v	11.73	5.81
695	1525	150	0	38.504	.000v	11.60	5.77
696	1550	150	0	38.485	.000v	11.27	5.57
697	1575	150	0	38.468	.000v	11.19	5.55
698	1600	150	0	38.449	.000v	10.91	5.40
699	1625	150	0	38.432	.000v	10.96	5.42
700	1650	150	0	38.414	.000v	10.82	5.32
701	1675	150	0	38.398	.000v	10.66	5.20
702	1700	150	0	38.380	.000v	10.47	5.10
703	1725	150	0	38.363	.000v	10.44	5.09
704	1750	150	0	38.342	.000v	10.14	4.99
705	1775	150	0	38.321	.000v	9.94	4.85
706	1800	150	0	38.296	.000v	9.83	4.82
707	1825	150	0	38.268	.000v	9.77	4.78
708	1850	150	0	38.234	.000v	9.48	4.51
709	1875	150	0	38.201	.000v	9.35	4.48
710	1900	150	0	38.170	.000v	9.40	4.27
711	1925	150	0	38.143	.000v	9.27	3.99
712	-25	175	0	38.083	.000v	3.10	1.54
713	0	175	0	38.096	.000v	3.35	1.83
714	25	175	0	38.112	.000v	4.23	2.45
715	50	175	0	38.132	.000v	5.06	3.22
716	75	175	0	38.155	.000v	5.37	3.96
717	100	175	0	38.181	.000v	5.68	4.87

718	125	175	0	38.210	.000v	6.35	5.89
719	150	175	0	38.243	.000v	7.42	6.42
720	175	175	0	38.278	.000v	8.57	6.79
721	200	175	0	38.313	.000v	9.59	7.16
722	225	175	0	38.347	.000v	10.99	7.22
723	250	175	0	38.378	.000v	11.90	7.40
724	275	175	0	38.413	.000v	12.56	7.77
725	300	175	0	38.446	.000v	13.25	8.16
726	325	175	0	38.480	.000v	14.39	8.19
727	350	175	0	38.511	.000v	15.19	8.59
728	375	175	0	38.546	.000v	16.13	8.59
729	400	175	0	38.579	.000v	16.83	8.82
730	425	175	0	38.619	.000v	17.85	9.27
731	450	175	0	38.662	.000v	19.21	9.52
732	475	175	0	38.703	.000v	19.94	9.92
733	500	175	0	38.740	.000v	21.16	10.41
734	525	175	0	38.783	.000v	23.16	11.06
735	550	175	0	38.834	.000v	25.15	11.68
736	575	175	0	38.881	.000v	26.33	12.42
737	600	175	0	38.913	.000v	28.36	13.00
738	625	175	0	38.972	.000v	31.24	13.84
739	650	175	0	39.033	.000v	33.03	14.34
740	675	175	0	39.073	.000v	33.63	14.35
741	700	175	0	39.088	.000v	33.19	13.62
742	725	175	0	39.129	.000v	31.82	12.83
743	750	175	0	39.156	.000v	29.97	13.44
744	775	175	0	39.155	.000v	28.11	13.34
745	800	175	0	39.133	.000v	26.14	12.25
746	825	175	0	39.123	.000v	25.35	11.69
747	850	175	0	39.098	.000v	25.11	11.76
748	875	175	0	39.055	.000v	24.51	11.13
749	900	175	0	39.019	.000v	23.02	10.21
750	925	175	0	38.988	.000v	21.86	9.64
751	950	175	0	38.950	.000v	20.44	9.14
752	975	175	0	38.904	.000v	18.72	8.80
753	1000	175	0	38.866	.000v	17.32	8.33
754	1025	175	0	38.827	.000v	16.59	7.97
755	1050	175	0	38.788	.000v	16.23	7.79
756	1075	175	0	38.748	.000v	16.03	7.64
757	1100	175	0	38.714	.000v	15.37	7.39
758	1125	175	0	38.687	.000v	14.98	7.17
759	1150	175	0	38.660	.000v	14.39	7.00
760	1175	175	0	38.636	.000v	13.95	6.80
761	1200	175	0	38.611	.000v	13.32	6.53
762	1225	175	0	38.587	.000v	13.23	6.47
763	1250	175	0	38.563	.000v	12.67	6.25
764	1275	175	0	38.543	.000v	12.44	6.15
765	1300	175	0	38.525	.000v	12.13	5.99
766	1325	175	0	38.507	.000v	12.04	5.96
767	1350	175	0	38.489	.000v	11.42	5.67
768	1375	175	0	38.472	.000v	11.06	5.49
769	1400	175	0	38.457	.000v	10.97	5.44
770	1425	175	0	38.442	.000v	10.75	5.30
771	1450	175	0	38.428	.000v	10.41	5.06
772	1475	175	0	38.415	.000v	10.11	5.04
773	1500	175	0	38.403	.000v	10.10	5.00
774	1525	175	0	38.390	.000v	9.78	4.87
775	1550	175	0	38.377	.000v	9.54	4.71
776	1575	175	0	38.364	.000v	9.30	4.56
777	1600	175	0	38.351	.000v	9.18	4.53
778	1625	175	0	38.338	.000v	8.93	4.39
779	1650	175	0	38.325	.000v	9.01	4.26
780	1675	175	0	38.312	.000v	8.97	4.23
781	1700	175	0	38.297	.000v	8.90	4.21
782	1725	175	0	38.283	.000v	8.65	4.10
783	1750	175	0	38.266	.000v	8.67	4.02
784	1775	175	0	38.250	.000v	8.60	3.94
785	1800	175	0	38.230	.000v	8.45	3.92
786	1825	175	0	38.209	.000v	8.25	3.77
787	1850	175	0	38.186	.000v	8.22	3.66
788	1875	175	0	38.163	.000v	8.22	3.59
789	1900	175	0	38.141	.000v	8.07	3.58
790	1925	175	0	38.122	.000v	7.94	3.32
791	-25	200	0	38.099	.000v	3.61	1.80
792	0	200	0	38.117	.000v	3.92	2.11
793	25	200	0	38.140	.000v	4.26	2.86
794	50	200	0	38.169	.000v	5.31	3.89

795	75	200	0	38.207	.000v	5.73	4.90
796	100	200	0	38.251	.000v	6.55	6.04
797	125	200	0	38.303	.000v	7.46	6.57
798	150	200	0	38.363	.000v	9.13	7.23
799	175	200	0	38.428	.000v	11.21	7.97
800	200	200	0	38.492	.000v	12.93	8.29
801	225	200	0	38.551	.000v	15.11	8.17
802	250	200	0	38.604	.000v	16.26	8.61
803	275	200	0	38.659	.000v	17.37	8.92
804	300	200	0	38.716	.000v	19.06	9.56
805	325	200	0	38.767	.000v	20.56	10.23
806	350	200	0	38.814	.000v	22.58	11.06
807	375	200	0	38.864	.000v	24.45	11.83
808	400	200	0	38.916	.000v	25.71	12.33
809	425	200	0	38.980	.000v	26.38	12.93
810	450	200	0	38.997	.000v	27.13	13.57
811	475	200	0	39.069	.000v	32.91	15.74
812	500	200	0	39.086	.000v	35.33	16.27
813	525	200	0	39.108	.000v	34.82	15.49
814	550	200	0	39.132	.000v	32.97	13.84
815	575	200	0	39.155	.000v	31.12	13.71
816	600	200	0	39.152	.000v	28.99	12.21
817	625	200	0	39.144	.000v	26.03	11.67
818	650	200	0	39.115	.000v	23.58	11.12
819	675	200	0	39.078	.000v	22.13	10.48
820	700	200	0	39.038	.000v	21.72	10.06
821	725	200	0	38.993	.000v	21.31	9.89
822	750	200	0	38.946	.000v	20.78	9.62
823	775	200	0	38.899	.000v	19.76	9.06
824	800	200	0	38.860	.000v	18.81	8.58
825	825	200	0	38.823	.000v	17.45	8.38
826	850	200	0	38.788	.000v	16.46	7.97
827	875	200	0	38.750	.000v	15.48	7.50
828	900	200	0	38.716	.000v	15.16	7.30
829	925	200	0	38.683	.000v	14.53	7.01
830	950	200	0	38.656	.000v	14.45	6.92
831	975	200	0	38.630	.000v	13.77	6.78
832	1000	200	0	38.608	.000v	13.35	6.57
833	1025	200	0	38.587	.000v	12.83	6.33
834	1050	200	0	38.565	.000v	12.28	6.03
835	1075	200	0	38.544	.000v	11.73	5.86
836	1100	200	0	38.526	.000v	11.75	5.82
837	1125	200	0	38.511	.000v	11.64	5.74
838	1150	200	0	38.495	.000v	11.15	5.56
839	1175	200	0	38.480	.000v	10.81	5.36
840	1200	200	0	38.466	.000v	10.73	5.34
841	1225	200	0	38.451	.000v	10.44	5.20
842	1250	200	0	38.437	.000v	10.03	4.97
843	1275	200	0	38.424	.000v	10.03	4.93
844	1300	200	0	38.412	.000v	9.80	4.80
845	1325	200	0	38.400	.000v	9.65	4.79
846	1350	200	0	38.387	.000v	9.31	4.62
847	1375	200	0	38.376	.000v	9.26	4.57
848	1400	200	0	38.366	.000v	9.19	4.50
849	1425	200	0	38.356	.000v	9.07	4.48
850	1450	200	0	38.345	.000v	8.71	4.27
851	1475	200	0	38.335	.000v	8.52	4.07
852	1500	200	0	38.326	.000v	8.60	4.07
853	1525	200	0	38.316	.000v	8.51	4.06
854	1550	200	0	38.305	.000v	8.22	3.85
855	1575	200	0	38.295	.000v	8.08	3.82
856	1600	200	0	38.285	.000v	7.92	3.72
857	1625	200	0	38.275	.000v	7.96	3.64
858	1650	200	0	38.263	.000v	7.81	3.47
859	1675	200	0	38.253	.000v	7.70	3.47
860	1700	200	0	38.241	.000v	7.63	3.38
861	1725	200	0	38.229	.000v	7.72	3.31
862	1750	200	0	38.215	.000v	7.55	3.21
863	1775	200	0	38.201	.000v	7.43	3.17
864	1800	200	0	38.187	.000v	7.44	3.14
865	1825	200	0	38.170	.000v	7.36	3.04
866	1850	200	0	38.153	.000v	7.20	3.02
867	1875	200	0	38.136	.000v	7.09	2.95
868	1900	200	0	38.120	.000v	7.14	2.86
869	1925	200	0	38.105	.000v	7.05	2.76
870	-25	225	0	38.118	.000v	4.27	2.17
871	0	225	0	38.144	.000v	4.74	2.67

872	25	225	0	38.181	.000v	5.35	3.27
873	50	225	0	38.231	.000v	6.00	4.66
874	75	225	0	38.298	.000v	6.87	5.96
875	100	225	0	38.383	.000v	7.73	6.84
876	125	225	0	38.492	.000v	10.01	8.36
877	150	225	0	38.603	.000v	12.35	9.54
878	175	225	0	38.719	.000v	15.53	10.60
879	200	225	0	38.808	.000v	18.47	11.62
880	225	225	0	38.877	.000v	22.06	11.85
881	250	225	0	38.962	.000v	24.25	12.52
882	275	225	0	39.029	.000v	25.54	12.61
883	300	225	0	39.062	.000v	25.68	12.16
884	325	225	0	39.082	.000v	25.28	12.08
885	350	225	0	39.124	.000v	24.50	12.16
886	375	225	0	39.141	.000v	23.56	12.19
887	400	225	0	39.120	.000v	22.59	12.23
888	425	225	0	39.101	.000v	22.20	11.16
889	450	225	0	39.110	.000v	22.04	10.82
890	475	225	0	39.091	.000v	22.37	10.32
891	500	225	0	39.045	.000v	20.18	9.59
892	525	225	0	39.000	.000v	18.89	9.17
893	550	225	0	38.955	.000v	18.32	8.85
894	575	225	0	38.909	.000v	18.15	8.67
895	600	225	0	38.860	.000v	17.38	8.20
896	625	225	0	38.818	.000v	17.10	7.92
897	650	225	0	38.783	.000v	16.50	7.81
898	675	225	0	38.750	.000v	15.71	7.69
899	700	225	0	38.719	.000v	15.01	7.33
900	725	225	0	38.689	.000v	14.33	7.02
901	750	225	0	38.659	.000v	14.21	6.93
902	775	225	0	38.630	.000v	14.00	6.69
903	800	225	0	38.605	.000v	13.71	6.62
904	825	225	0	38.584	.000v	13.17	6.44
905	850	225	0	38.565	.000v	12.96	6.28
906	875	225	0	38.544	.000v	12.49	6.13
907	900	225	0	38.525	.000v	11.92	5.95
908	925	225	0	38.508	.000v	11.59	5.72
909	950	225	0	38.492	.000v	11.19	5.53
910	975	225	0	38.477	.000v	10.94	5.43
911	1000	225	0	38.464	.000v	10.64	5.32
912	1025	225	0	38.450	.000v	10.38	5.14
913	1050	225	0	38.438	.000v	10.09	4.99
914	1075	225	0	38.425	.000v	9.72	4.80
915	1100	225	0	38.414	.000v	9.50	4.68
916	1125	225	0	38.404	.000v	9.38	4.60
917	1150	225	0	38.393	.000v	9.23	4.57
918	1175	225	0	38.384	.000v	9.01	4.45
919	1200	225	0	38.375	.000v	8.93	4.40
920	1225	225	0	38.365	.000v	8.76	4.34
921	1250	225	0	38.355	.000v	8.65	4.20
922	1275	225	0	38.346	.000v	8.40	3.97
923	1300	225	0	38.337	.000v	8.34	4.03
924	1325	225	0	38.328	.000v	8.11	3.84
925	1350	225	0	38.319	.000v	8.19	3.84
926	1375	225	0	38.311	.000v	7.96	3.71
927	1400	225	0	38.303	.000v	7.86	3.64
928	1425	225	0	38.295	.000v	7.71	3.53
929	1450	225	0	38.286	.000v	7.63	3.42
930	1475	225	0	38.279	.000v	7.53	3.41
931	1500	225	0	38.271	.000v	7.45	3.26
932	1525	225	0	38.263	.000v	7.30	3.24
933	1550	225	0	38.254	.000v	7.28	3.09
934	1575	225	0	38.246	.000v	7.15	3.08
935	1600	225	0	38.237	.000v	7.02	3.12
936	1625	225	0	38.228	.000v	6.83	3.07
937	1650	225	0	38.219	.000v	6.97	2.95
938	1675	225	0	38.210	.000v	6.87	2.88
939	1700	225	0	38.200	.000v	6.77	2.80
940	1725	225	0	38.190	.000v	6.66	2.79
941	1750	225	0	38.179	.000v	6.80	2.66
942	1775	225	0	38.168	.000v	6.71	2.75
943	1800	225	0	38.156	.000v	6.60	2.66
944	1825	225	0	38.142	.000v	6.55	2.59
945	1850	225	0	38.129	.000v	6.55	2.50
946	1875	225	0	38.116	.000v	6.39	2.55
947	1900	225	0	38.103	.000v	6.30	2.41
948	1925	225	0	38.091	.000v	6.32	2.40

949	-25	250	0	38.142	.000v	5.19	2.70
950	0	250	0	38.182	.000v	5.93	3.45
951	25	250	0	38.245	.000v	7.00	4.29
952	50	250	0	38.341	.000v	8.14	5.48
953	75	250	0	38.477	.000v	9.74	6.71
954	100	250	0	38.639	.000v	12.55	8.54
955	125	250	0	38.801	.000v	14.23	10.50
956	150	250	0	38.956	.000v	16.47	11.34
957	175	250	0	39.083	.000v	18.94	11.68
958	200	250	0	39.128	.000v	20.57	11.74
959	225	250	0	39.130	.000v	19.19	11.27
960	250	250	0	39.125	.000v	17.49	10.79
961	275	250	0	39.095	.000v	15.88	10.83
962	300	250	0	39.055	.000v	15.78	10.26
963	325	250	0	39.016	.000v	16.40	9.39
964	350	250	0	38.974	.000v	16.70	8.69
965	375	250	0	38.924	.000v	16.39	8.12
966	400	250	0	38.872	.000v	16.35	7.90
967	425	250	0	38.822	.000v	15.54	7.58
968	450	250	0	38.781	.000v	14.90	7.20
969	475	250	0	38.742	.000v	14.31	7.02
970	500	250	0	38.711	.000v	14.19	6.83
971	525	250	0	38.681	.000v	13.50	6.70
972	550	250	0	38.654	.000v	13.00	6.49
973	575	250	0	38.629	.000v	12.94	6.36
974	600	250	0	38.602	.000v	12.43	6.14
975	625	250	0	38.579	.000v	12.57	6.21
976	650	250	0	38.560	.000v	12.25	6.06
977	675	250	0	38.543	.000v	12.15	6.00
978	700	250	0	38.525	.000v	11.66	5.76
979	725	250	0	38.509	.000v	11.56	5.75
980	750	250	0	38.492	.000v	11.24	5.58
981	775	250	0	38.476	.000v	11.01	5.43
982	800	250	0	38.462	.000v	10.63	5.23
983	825	250	0	38.449	.000v	10.60	5.27
984	850	250	0	38.437	.000v	10.42	5.12
985	875	250	0	38.424	.000v	10.00	4.96
986	900	250	0	38.413	.000v	9.79	4.82
987	925	250	0	38.402	.000v	9.65	4.75
988	950	250	0	38.392	.000v	9.39	4.57
989	975	250	0	38.382	.000v	9.10	4.46
990	1000	250	0	38.373	.000v	9.02	4.44
991	1025	250	0	38.364	.000v	8.92	4.38
992	1050	250	0	38.356	.000v	8.58	4.22
993	1075	250	0	38.347	.000v	8.37	4.06
994	1100	250	0	38.339	.000v	8.21	4.01
995	1125	250	0	38.333	.000v	8.14	3.88
996	1150	250	0	38.325	.000v	7.93	3.68
997	1175	250	0	38.318	.000v	7.77	3.67
998	1200	250	0	38.312	.000v	7.67	3.61
999	1225	250	0	38.305	.000v	7.66	3.55
1000	1250	250	0	38.297	.000v	7.50	3.40
1001	1275	250	0	38.290	.000v	7.30	3.28
1002	1300	250	0	38.284	.000v	7.22	3.25
1003	1325	250	0	38.277	.000v	7.23	3.15
1004	1350	250	0	38.270	.000v	7.09	3.08
1005	1375	250	0	38.263	.000v	6.92	3.00
1006	1400	250	0	38.257	.000v	6.92	3.00
1007	1425	250	0	38.250	.000v	6.88	2.99
1008	1450	250	0	38.243	.000v	6.73	2.91
1009	1475	250	0	38.236	.000v	6.66	2.80
1010	1500	250	0	38.230	.000v	6.68	2.73
1011	1525	250	0	38.223	.000v	6.52	2.67
1012	1550	250	0	38.216	.000v	6.39	2.71
1013	1575	250	0	38.209	.000v	6.42	2.68
1014	1600	250	0	38.202	.000v	6.38	2.67
1015	1625	250	0	38.194	.000v	6.18	2.66
1016	1650	250	0	38.186	.000v	6.21	2.52
1017	1675	250	0	38.178	.000v	6.18	2.44
1018	1700	250	0	38.170	.000v	6.07	2.35
1019	1725	250	0	38.161	.000v	5.98	2.34
1020	1750	250	0	38.152	.000v	6.10	2.29
1021	1775	250	0	38.143	.000v	6.03	2.32
1022	1800	250	0	38.132	.000v	5.97	2.25
1023	1825	250	0	38.122	.000v	5.91	2.21
1024	1850	250	0	38.111	.000v	5.89	2.23
1025	1875	250	0	38.101	.000v	5.73	2.15

1026	1900	250	0	38.090	.000v	5.77	2.17
1027	1925	250	0	38.081	.000v	5.76	2.11
1028	-25	275	0	38.169	.000v	6.31	3.36
1029	0	275	0	38.238	.000v	7.86	4.72
1030	25	275	0	38.350	.000v	9.60	6.07
1031	50	275	0	38.542	.000v	12.72	7.98
1032	75	275	0	38.760	.000v	14.72	9.42
1033	100	275	0	38.940	.000v	13.90	9.16
1034	125	275	0	39.043	.000v	13.66	10.92
1035	150	275	0	39.051	.000v	14.33	9.57
1036	175	275	0	38.976	.000v	12.16	8.57
1037	200	275	0	38.908	.000v	10.71	8.19
1038	225	275	0	38.854	.000v	11.00	7.46
1039	250	275	0	38.802	.000v	11.12	6.95
1040	275	275	0	38.759	.000v	11.03	6.62
1041	300	275	0	38.724	.000v	10.75	6.32
1042	325	275	0	38.693	.000v	10.86	5.98
1043	350	275	0	38.663	.000v	10.77	5.65
1044	375	275	0	38.632	.000v	11.20	5.57
1045	400	275	0	38.601	.000v	10.94	5.43
1046	425	275	0	38.575	.000v	11.12	5.48
1047	450	275	0	38.553	.000v	10.98	5.46
1048	475	275	0	38.533	.000v	10.95	5.42
1049	500	275	0	38.516	.000v	10.68	5.30
1050	525	275	0	38.499	.000v	10.49	5.20
1051	550	275	0	38.484	.000v	10.25	5.08
1052	575	275	0	38.470	.000v	10.25	5.11
1053	600	275	0	38.457	.000v	9.95	4.96
1054	625	275	0	38.443	.000v	9.90	4.90
1055	650	275	0	38.432	.000v	9.72	4.82
1056	675	275	0	38.421	.000v	9.53	4.72
1057	700	275	0	38.412	.000v	9.69	4.82
1058	725	275	0	38.401	.000v	9.49	4.73
1059	750	275	0	38.392	.000v	9.30	4.58
1060	775	275	0	38.381	.000v	9.02	4.44
1061	800	275	0	38.371	.000v	8.93	4.39
1062	825	275	0	38.363	.000v	8.67	4.25
1063	850	275	0	38.355	.000v	8.70	4.29
1064	875	275	0	38.346	.000v	8.44	4.13
1065	900	275	0	38.338	.000v	8.32	4.07
1066	925	275	0	38.331	.000v	8.02	3.92
1067	950	275	0	38.324	.000v	8.00	3.75
1068	975	275	0	38.316	.000v	7.86	3.74
1069	1000	275	0	38.310	.000v	7.75	3.67
1070	1025	275	0	38.304	.000v	7.59	3.54
1071	1050	275	0	38.298	.000v	7.54	3.52
1072	1075	275	0	38.292	.000v	7.44	3.29
1073	1100	275	0	38.286	.000v	7.22	3.20
1074	1125	275	0	38.281	.000v	7.04	3.16
1075	1150	275	0	38.275	.000v	6.98	3.01
1076	1175	275	0	38.271	.000v	6.94	3.01
1077	1200	275	0	38.266	.000v	6.77	2.92
1078	1225	275	0	38.260	.000v	6.68	2.96
1079	1250	275	0	38.254	.000v	6.66	2.83
1080	1275	275	0	38.249	.000v	6.58	2.84
1081	1300	275	0	38.244	.000v	6.42	2.74
1082	1325	275	0	38.237	.000v	6.41	2.70
1083	1350	275	0	38.232	.000v	6.36	2.67
1084	1375	275	0	38.227	.000v	6.24	2.65
1085	1400	275	0	38.221	.000v	6.21	2.59
1086	1425	275	0	38.215	.000v	6.12	2.52
1087	1450	275	0	38.210	.000v	6.09	2.55
1088	1475	275	0	38.204	.000v	5.98	2.45
1089	1500	275	0	38.198	.000v	6.08	2.36
1090	1525	275	0	38.192	.000v	5.89	2.37
1091	1550	275	0	38.186	.000v	5.81	2.34
1092	1575	275	0	38.180	.000v	5.74	2.38
1093	1600	275	0	38.173	.000v	5.79	2.34
1094	1625	275	0	38.167	.000v	5.71	2.25
1095	1650	275	0	38.160	.000v	5.68	2.21
1096	1675	275	0	38.153	.000v	5.58	2.16
1097	1700	275	0	38.146	.000v	5.47	2.11
1098	1725	275	0	38.139	.000v	5.52	2.07
1099	1750	275	0	38.131	.000v	5.56	2.03
1100	1775	275	0	38.122	.000v	5.49	2.07
1101	1800	275	0	38.114	.000v	5.45	2.01
1102	1825	275	0	38.106	.000v	5.42	1.98

1103	1850	275	0	38.097	.000v	5.34	1.98
1104	1875	275	0	38.088	.000v	5.35	1.97
1105	1900	275	0	38.080	.000v	5.34	1.93
1106	1925	275	0	38.072	.000v	5.25	1.77
1107	-25	300	0	38.194	.000v	7.14	3.65
1108	0	300	0	38.297	.000v	10.04	5.68
1109	25	300	0	38.469	.000v	13.42	8.67
1110	50	300	0	38.680	.000v	12.31	8.57
1111	75	300	0	38.829	.000v	10.44	7.39
1112	100	300	0	38.843	.000v	8.93	7.65
1113	125	300	0	38.781	.000v	8.07	6.79
1114	150	300	0	38.703	.000v	8.09	6.13
1115	175	300	0	38.648	.000v	8.50	5.81
1116	200	300	0	38.609	.000v	8.20	5.36
1117	225	300	0	38.578	.000v	7.93	5.11
1118	250	300	0	38.553	.000v	7.80	4.90
1119	275	300	0	38.531	.000v	8.13	4.69
1120	300	300	0	38.512	.000v	8.40	4.50
1121	325	300	0	38.496	.000v	8.62	4.33
1122	350	300	0	38.481	.000v	8.44	4.10
1123	375	300	0	38.464	.000v	8.38	4.03
1124	400	300	0	38.449	.000v	8.61	4.16
1125	425	300	0	38.434	.000v	8.80	4.07
1126	450	300	0	38.422	.000v	8.74	4.11
1127	475	300	0	38.411	.000v	8.65	4.13
1128	500	300	0	38.401	.000v	8.76	4.07
1129	525	300	0	38.391	.000v	8.61	4.09
1130	550	300	0	38.382	.000v	8.66	4.04
1131	575	300	0	38.373	.000v	8.40	4.05
1132	600	300	0	38.365	.000v	8.50	4.08
1133	625	300	0	38.358	.000v	8.42	4.03
1134	650	300	0	38.350	.000v	8.26	3.95
1135	675	300	0	38.343	.000v	8.09	3.89
1136	700	300	0	38.337	.000v	8.27	3.98
1137	725	300	0	38.331	.000v	8.21	3.94
1138	750	300	0	38.324	.000v	8.00	3.87
1139	775	300	0	38.316	.000v	7.85	3.65
1140	800	300	0	38.309	.000v	7.72	3.62
1141	825	300	0	38.303	.000v	7.69	3.65
1142	850	300	0	38.297	.000v	7.58	3.53
1143	875	300	0	38.290	.000v	7.34	3.39
1144	900	300	0	38.285	.000v	7.16	3.29
1145	925	300	0	38.279	.000v	7.17	3.18
1146	950	300	0	38.274	.000v	7.05	3.13
1147	975	300	0	38.269	.000v	6.83	3.03
1148	1000	300	0	38.264	.000v	6.80	2.96
1149	1025	300	0	38.259	.000v	6.75	2.87
1150	1050	300	0	38.254	.000v	6.57	2.86
1151	1075	300	0	38.250	.000v	6.48	2.78
1152	1100	300	0	38.246	.000v	6.48	2.69
1153	1125	300	0	38.242	.000v	6.35	2.61
1154	1150	300	0	38.237	.000v	6.15	2.67
1155	1175	300	0	38.234	.000v	6.24	2.57
1156	1200	300	0	38.230	.000v	6.14	2.56
1157	1225	300	0	38.226	.000v	5.97	2.49
1158	1250	300	0	38.221	.000v	5.91	2.48
1159	1275	300	0	38.217	.000v	5.95	2.45
1160	1300	300	0	38.211	.000v	5.84	2.31
1161	1325	300	0	38.207	.000v	5.80	2.26
1162	1350	300	0	38.202	.000v	5.78	2.31
1163	1375	300	0	38.198	.000v	5.68	2.24
1164	1400	300	0	38.192	.000v	5.57	2.26
1165	1425	300	0	38.188	.000v	5.59	2.23
1166	1450	300	0	38.183	.000v	5.54	2.21
1167	1475	300	0	38.178	.000v	5.54	2.18
1168	1500	300	0	38.173	.000v	5.45	2.14
1169	1525	300	0	38.168	.000v	5.36	2.19
1170	1550	300	0	38.163	.000v	5.26	2.13
1171	1575	300	0	38.157	.000v	5.30	2.10
1172	1600	300	0	38.151	.000v	5.33	2.06
1173	1625	300	0	38.146	.000v	5.27	2.07
1174	1650	300	0	38.140	.000v	5.13	2.00
1175	1675	300	0	38.133	.000v	5.03	1.91
1176	1700	300	0	38.127	.000v	5.20	1.90
1177	1725	300	0	38.121	.000v	5.18	1.88
1178	1750	300	0	38.114	.000v	5.08	1.73
1179	1775	300	0	38.107	.000v	4.98	1.70

1180	1800	300	0	38.100	.000v	5.08	1.69
1181	1825	300	0	38.093	.000v	5.07	1.69
1182	1850	300	0	38.085	.000v	5.02	1.67
1183	1875	300	0	38.078	.000v	4.91	1.64
1184	1900	300	0	38.072	.000v	4.85	1.62
1185	1925	300	0	38.064	.000v	4.89	1.60
1186	-25	325	0	38.200	.000v	6.61	3.47
1187	0	325	0	38.290	.000v	8.27	4.83
1188	25	325	0	38.422	.000v	8.99	6.09
1189	50	325	0	38.529	.000v	7.69	6.58
1190	75	325	0	38.556	.000v	6.52	5.92
1191	100	325	0	38.534	.000v	6.39	5.33
1192	125	325	0	38.505	.000v	6.47	4.76
1193	150	325	0	38.477	.000v	6.35	4.33
1194	175	325	0	38.455	.000v	6.42	4.14
1195	200	325	0	38.438	.000v	6.50	3.96
1196	225	325	0	38.423	.000v	6.57	3.84
1197	250	325	0	38.411	.000v	6.42	3.70
1198	275	325	0	38.400	.000v	6.56	3.63
1199	300	325	0	38.390	.000v	6.87	3.49
1200	325	325	0	38.381	.000v	6.92	3.39
1201	350	325	0	38.372	.000v	6.92	3.28
1202	375	325	0	38.363	.000v	7.25	3.24
1203	400	325	0	38.355	.000v	7.26	3.21
1204	425	325	0	38.346	.000v	7.24	3.24
1205	450	325	0	38.339	.000v	7.25	3.14
1206	475	325	0	38.332	.000v	7.48	3.15
1207	500	325	0	38.326	.000v	7.45	3.24
1208	525	325	0	38.319	.000v	7.29	3.16
1209	550	325	0	38.313	.000v	7.29	3.25
1210	575	325	0	38.308	.000v	7.41	3.24
1211	600	325	0	38.302	.000v	7.40	3.23
1212	625	325	0	38.297	.000v	7.29	3.29
1213	650	325	0	38.292	.000v	7.11	3.24
1214	675	325	0	38.288	.000v	7.19	3.24
1215	700	325	0	38.283	.000v	7.19	3.23
1216	725	325	0	38.279	.000v	7.07	3.21
1217	750	325	0	38.274	.000v	7.05	3.16
1218	775	325	0	38.269	.000v	7.00	3.06
1219	800	325	0	38.263	.000v	6.89	2.97
1220	825	325	0	38.259	.000v	6.73	2.95
1221	850	325	0	38.253	.000v	6.71	2.84
1222	875	325	0	38.249	.000v	6.59	2.86
1223	900	325	0	38.244	.000v	6.42	2.76
1224	925	325	0	38.241	.000v	6.31	2.78
1225	950	325	0	38.236	.000v	6.29	2.53
1226	975	325	0	38.232	.000v	6.19	2.57
1227	1000	325	0	38.228	.000v	6.07	2.54
1228	1025	325	0	38.225	.000v	6.02	2.51
1229	1050	325	0	38.221	.000v	5.96	2.40
1230	1075	325	0	38.217	.000v	5.85	2.36
1231	1100	325	0	38.214	.000v	5.79	2.40
1232	1125	325	0	38.210	.000v	5.69	2.24
1233	1150	325	0	38.207	.000v	5.68	2.22
1234	1175	325	0	38.205	.000v	5.65	2.19
1235	1200	325	0	38.201	.000v	5.51	2.16
1236	1225	325	0	38.198	.000v	5.38	2.21
1237	1250	325	0	38.195	.000v	5.44	2.17
1238	1275	325	0	38.190	.000v	5.39	2.11
1239	1300	325	0	38.186	.000v	5.33	2.10
1240	1325	325	0	38.182	.000v	5.25	2.07
1241	1350	325	0	38.179	.000v	5.25	2.10
1242	1375	325	0	38.174	.000v	5.11	2.05
1243	1400	325	0	38.170	.000v	5.12	2.06
1244	1425	325	0	38.166	.000v	5.10	2.03
1245	1450	325	0	38.162	.000v	5.12	2.02
1246	1475	325	0	38.157	.000v	5.04	1.90
1247	1500	325	0	38.152	.000v	4.95	1.85
1248	1525	325	0	38.148	.000v	4.97	1.84
1249	1550	325	0	38.143	.000v	4.95	1.77
1250	1575	325	0	38.138	.000v	4.94	1.67
1251	1600	325	0	38.133	.000v	4.85	1.64
1252	1625	325	0	38.128	.000v	4.83	1.61
1253	1650	325	0	38.123	.000v	4.82	1.61
1254	1675	325	0	38.118	.000v	4.82	1.61
1255	1700	325	0	38.112	.000v	4.74	1.57
1256	1725	325	0	38.106	.000v	4.70	1.56

1257	1750	325	0	38.101	.000v	4.69	1.55
1258	1775	325	0	38.095	.000v	4.71	1.56
1259	1800	325	0	38.088	.000v	4.70	1.54
1260	1825	325	0	38.082	.000v	4.66	1.52
1261	1850	325	0	38.076	.000v	4.56	1.49
1262	1875	325	0	38.070	.000v	4.61	1.50
1263	1900	325	0	38.064	.000v	4.58	1.49
1264	1925	325	0	38.058	.000v	4.51	1.45
1265	-25	350	0	38.184	.000v	5.38	2.89
1266	0	350	0	38.238	.000v	5.90	3.50
1267	25	350	0	38.301	.000v	5.76	4.32
1268	50	350	0	38.347	.000v	5.23	4.56
1269	75	350	0	38.364	.000v	5.47	4.36
1270	100	350	0	38.364	.000v	5.38	4.01
1271	125	350	0	38.358	.000v	5.48	3.70
1272	150	350	0	38.349	.000v	5.71	3.45
1273	175	350	0	38.342	.000v	5.75	3.30
1274	200	350	0	38.334	.000v	5.65	3.18
1275	225	350	0	38.328	.000v	5.59	3.10
1276	250	350	0	38.322	.000v	5.78	3.02
1277	275	350	0	38.316	.000v	5.65	2.96
1278	300	350	0	38.311	.000v	5.85	2.87
1279	325	350	0	38.306	.000v	5.94	2.78
1280	350	350	0	38.301	.000v	6.15	2.75
1281	375	350	0	38.296	.000v	6.16	2.68
1282	400	350	0	38.290	.000v	6.37	2.65
1283	425	350	0	38.285	.000v	6.13	2.67
1284	450	350	0	38.281	.000v	6.36	2.75
1285	475	350	0	38.276	.000v	6.38	2.67
1286	500	350	0	38.272	.000v	6.43	2.64
1287	525	350	0	38.268	.000v	6.54	2.72
1288	550	350	0	38.264	.000v	6.57	2.60
1289	575	350	0	38.261	.000v	6.43	2.63
1290	600	350	0	38.257	.000v	6.34	2.67
1291	625	350	0	38.253	.000v	6.53	2.69
1292	650	350	0	38.250	.000v	6.44	2.75
1293	675	350	0	38.246	.000v	6.33	2.82
1294	700	350	0	38.243	.000v	6.42	2.85
1295	725	350	0	38.241	.000v	6.37	2.80
1296	750	350	0	38.237	.000v	6.29	2.74
1297	775	350	0	38.231	.000v	6.28	2.59
1298	800	350	0	38.228	.000v	6.24	2.51
1299	825	350	0	38.225	.000v	6.12	2.51
1300	850	350	0	38.220	.000v	6.01	2.45
1301	875	350	0	38.216	.000v	5.93	2.42
1302	900	350	0	38.213	.000v	5.85	2.37
1303	925	350	0	38.209	.000v	5.63	2.30
1304	950	350	0	38.206	.000v	5.66	2.23
1305	975	350	0	38.203	.000v	5.58	2.25
1306	1000	350	0	38.201	.000v	5.55	2.17
1307	1025	350	0	38.196	.000v	5.41	2.13
1308	1050	350	0	38.193	.000v	5.39	2.16
1309	1075	350	0	38.191	.000v	5.28	2.16
1310	1100	350	0	38.188	.000v	5.29	2.10
1311	1125	350	0	38.186	.000v	5.22	2.02
1312	1150	350	0	38.183	.000v	5.23	2.01
1313	1175	350	0	38.180	.000v	5.08	2.02
1314	1200	350	0	38.178	.000v	4.99	2.04
1315	1225	350	0	38.176	.000v	4.99	2.01
1316	1250	350	0	38.173	.000v	5.09	1.94
1317	1275	350	0	38.169	.000v	4.99	1.89
1318	1300	350	0	38.166	.000v	4.86	1.86
1319	1325	350	0	38.162	.000v	4.84	1.82
1320	1350	350	0	38.158	.000v	4.82	1.67
1321	1375	350	0	38.155	.000v	4.86	1.66
1322	1400	350	0	38.151	.000v	4.81	1.65
1323	1425	350	0	38.147	.000v	4.68	1.56
1324	1450	350	0	38.143	.000v	4.64	1.55
1325	1475	350	0	38.139	.000v	4.73	1.58
1326	1500	350	0	38.136	.000v	4.70	1.57
1327	1525	350	0	38.131	.000v	4.60	1.52
1328	1550	350	0	38.127	.000v	4.54	1.49
1329	1575	350	0	38.123	.000v	4.60	1.52
1330	1600	350	0	38.118	.000v	4.55	1.50
1331	1625	350	0	38.114	.000v	4.50	1.48
1332	1650	350	0	38.109	.000v	4.46	1.46
1333	1675	350	0	38.104	.000v	4.38	1.44

1334	1700	350	0	38.099	.000v	4.49	1.46
1335	1725	350	0	38.095	.000v	4.45	1.45
1336	1750	350	0	38.090	.000v	4.39	1.45
1337	1775	350	0	38.084	.000v	4.27	1.38
1338	1800	350	0	38.079	.000v	4.43	1.42
1339	1825	350	0	38.073	.000v	4.42	1.40
1340	1850	350	0	38.068	.000v	4.35	1.39
1341	1875	350	0	38.063	.000v	4.17	1.34
1342	1900	350	0	38.058	.000v	4.34	1.38
1343	1925	350	0	38.052	.000v	4.28	1.34
1344	-25	375	0	38.160	.000v	4.27	2.32
1345	0	375	0	38.193	.000v	4.41	2.85
1346	25	375	0	38.226	.000v	4.25	3.26
1347	50	375	0	38.252	.000v	3.90	3.51
1348	75	375	0	38.266	.000v	4.34	3.41
1349	100	375	0	38.271	.000v	5.01	3.22
1350	125	375	0	38.273	.000v	5.18	3.02
1351	150	375	0	38.272	.000v	5.14	2.84
1352	175	375	0	38.269	.000v	5.12	2.78
1353	200	375	0	38.267	.000v	5.13	2.68
1354	225	375	0	38.264	.000v	5.13	2.63
1355	250	375	0	38.262	.000v	5.06	2.57
1356	275	375	0	38.259	.000v	5.16	2.53
1357	300	375	0	38.256	.000v	5.30	2.46
1358	325	375	0	38.253	.000v	5.19	2.38
1359	350	375	0	38.250	.000v	5.49	2.36
1360	375	375	0	38.247	.000v	5.42	2.33
1361	400	375	0	38.244	.000v	5.44	2.28
1362	425	375	0	38.240	.000v	5.50	2.26
1363	450	375	0	38.237	.000v	5.70	2.32
1364	475	375	0	38.234	.000v	5.63	2.26
1365	500	375	0	38.232	.000v	5.71	2.30
1366	525	375	0	38.229	.000v	5.79	2.30
1367	550	375	0	38.226	.000v	5.85	2.33
1368	575	375	0	38.224	.000v	5.83	2.21
1369	600	375	0	38.221	.000v	5.80	2.26
1370	625	375	0	38.219	.000v	5.87	2.31
1371	650	375	0	38.217	.000v	5.83	2.38
1372	675	375	0	38.214	.000v	5.83	2.39
1373	700	375	0	38.212	.000v	5.77	2.36
1374	725	375	0	38.210	.000v	5.80	2.36
1375	750	375	0	38.206	.000v	5.67	2.32
1376	775	375	0	38.203	.000v	5.66	2.28
1377	800	375	0	38.200	.000v	5.72	2.21
1378	825	375	0	38.196	.000v	5.55	2.16
1379	850	375	0	38.193	.000v	5.49	2.14
1380	875	375	0	38.191	.000v	5.41	2.10
1381	900	375	0	38.187	.000v	5.31	2.12
1382	925	375	0	38.185	.000v	5.19	2.04
1383	950	375	0	38.182	.000v	5.23	1.98
1384	975	375	0	38.179	.000v	5.13	2.01
1385	1000	375	0	38.176	.000v	5.04	1.98
1386	1025	375	0	38.175	.000v	4.97	1.97
1387	1050	375	0	38.172	.000v	4.89	1.97
1388	1075	375	0	38.169	.000v	4.91	1.88
1389	1100	375	0	38.167	.000v	4.91	1.81
1390	1125	375	0	38.165	.000v	4.84	1.82
1391	1150	375	0	38.162	.000v	4.65	1.70
1392	1175	375	0	38.160	.000v	4.66	1.66
1393	1200	375	0	38.158	.000v	4.75	1.62
1394	1225	375	0	38.156	.000v	4.69	1.56
1395	1250	375	0	38.154	.000v	4.55	1.52
1396	1275	375	0	38.152	.000v	4.49	1.50
1397	1300	375	0	38.149	.000v	4.60	1.53
1398	1325	375	0	38.145	.000v	4.56	1.51
1399	1350	375	0	38.142	.000v	4.48	1.48
1400	1375	375	0	38.139	.000v	4.41	1.46
1401	1400	375	0	38.135	.000v	4.43	1.46
1402	1425	375	0	38.132	.000v	4.48	1.48
1403	1450	375	0	38.129	.000v	4.42	1.45
1404	1475	375	0	38.125	.000v	4.33	1.43
1405	1500	375	0	38.121	.000v	4.25	1.39
1406	1525	375	0	38.118	.000v	4.33	1.42
1407	1550	375	0	38.113	.000v	4.28	1.40
1408	1575	375	0	38.110	.000v	4.22	1.37
1409	1600	375	0	38.106	.000v	4.17	1.37
1410	1625	375	0	38.102	.000v	4.20	1.37

1411	1650	375	0	38.097	.000v	4.16	1.36
1412	1675	375	0	38.093	.000v	4.15	1.35
1413	1700	375	0	38.089	.000v	4.12	1.33
1414	1725	375	0	38.084	.000v	4.12	1.34
1415	1750	375	0	38.080	.000v	4.14	1.34
1416	1775	375	0	38.075	.000v	4.11	1.32
1417	1800	375	0	38.071	.000v	4.05	1.29
1418	1825	375	0	38.066	.000v	4.13	1.29
1419	1850	375	0	38.061	.000v	4.13	1.29
1420	1875	375	0	38.056	.000v	4.05	1.25
1421	1900	375	0	38.052	.000v	3.90	1.23
1422	1925	375	0	38.048	.000v	4.04	1.24
	wartosci srednie			38.376	.000	10.82	5.63

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]

tlo stezenia R = 550. [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	-25	-50	0	550.4v	.000v	34.	11.
2	0	-50	0	550.4	.000v	40.	15.
3	25	-50	0	550.4	.000v	45.	18.
4	50	-50	0	550.5	.000v	48.	20.
5	75	-50	0	550.5	.000v	48.	24.
6	100	-50	0	550.5	.000v	49.	24.
7	125	-50	0	550.6	.000v	52.	27.
8	150	-50	0	550.6	.000v	52.	33.
9	175	-50	0	550.7	.000v	51.	35.
10	200	-50	0	550.7	.000v	55.	43.
11	225	-50	0	550.7	.000v	54.	51.
12	250	-50	0	550.8	.000v	58.	49.
13	275	-50	0	550.8	.000v	58.	52.
14	300	-50	0	550.9	.000v	60.	50.
15	325	-50	0	550.9	.000v	61.	53.
16	350	-50	0	551.0	.000v	63.	51.
17	375	-50	0	551.0	.000v	64.	53.
18	400	-50	0	551.0	.000v	64.	53.
19	425	-50	0	551.1	.000v	66.	52.
20	450	-50	0	551.1	.000v	68.	54.
21	475	-50	0	551.2	.000v	70.	53.
22	500	-50	0	551.2	.000v	71.	53.
23	525	-50	0	551.3	.000v	72.	55.
24	550	-50	0	551.3	.000v	73.	55.
25	575	-50	0	551.3	.000v	74.	56.
26	600	-50	0	551.4	.000v	77.	55.
27	625	-50	0	551.4	.000v	78.	56.
28	650	-50	0	551.5	.000v	78.	56.
29	675	-50	0	551.5	.000v	77.	58.
30	700	-50	0	551.5	.000v	78.	57.
31	725	-50	0	551.6	.000v	78.	59.
32	750	-50	0	551.6	.000v	78.	58.
33	775	-50	0	551.6	.000v	78.	60.
34	800	-50	0	551.6	.000v	78.	59.
35	825	-50	0	551.7	.000v	79.	61.
36	850	-50	0	551.7	.000v	80.	60.
37	875	-50	0	551.7	.000v	79.	63.
38	900	-50	0	551.8	.000v	82.	61.
39	925	-50	0	551.8	.000v	84.	63.
40	950	-50	0	551.9	.000v	83.	63.
41	975	-50	0	551.9	.000v	84.	65.
42	1000	-50	0	551.9	.000v	87.	62.
43	1025	-50	0	552.0	.000v	88.	66.
44	1050	-50	0	552.0	.000v	87.	66.
45	1075	-50	0	552.1	.000v	90.	66.
46	1100	-50	0	552.1	.000v	92.	67.
47	1125	-50	0	552.2	.000v	92.	71.
48	1150	-50	0	552.2	.000v	93.	71.
49	1175	-50	0	552.3	.000v	96.	69.
50	1200	-50	0	552.3	.000v	97.	72.
51	1225	-50	0	552.3	.000v	99.	74.
52	1250	-50	0	552.4	.000v	101.	74.
53	1275	-50	0	552.4	.000v	102.	74.
54	1300	-50	0	552.5	.000v	105.	75.

55	1325	-50	0	552.5	.000v	107.	76.
56	1350	-50	0	552.6	.000v	108.	78.
57	1375	-50	0	552.6	.000v	110.	78.
58	1400	-50	0	552.6	.000v	114.	79.
59	1425	-50	0	552.7	.000v	115.	78.
60	1450	-50	0	552.7	.000v	118.	79.
61	1475	-50	0	552.8	.000v	122.	80.
62	1500	-50	0	552.8	.000v	123.	81.
63	1525	-50	0	552.8	.000v	125.	81.
64	1550	-50	0	552.8	.000v	129.	81.
65	1575	-50	0	552.8	.000v	133.	82.
66	1600	-50	0	552.9	.000v	134.	84.
67	1625	-50	0	552.9	.000v	134.	84.
68	1650	-50	0	552.9	.000v	136.	83.
69	1675	-50	0	552.9	.000v	141.	84.
70	1700	-50	0	552.9	.000v	141.	85.
71	1725	-50	0	552.8	.000v	140.	85.
72	1750	-50	0	552.8	.000v	138.	85.
73	1775	-50	0	552.8	.000v	143.	85.
74	1800	-50	0	552.7	.000v	144.	87.
75	1825	-50	0	552.6	.000v	144.	87.
76	1850	-50	0	552.5	.000v	142.	90.
77	1875	-50	0	552.4	.000v	147.	92.
78	1900	-50	0	552.2	.000v	148.	91.
79	1925	-50	0	552.0	.000v	150.	84.
80	-25	-25	0	550.4	.000v	34.	11.v
81	0	-25	0	550.4	.000v	42.	15.
82	25	-25	0	550.5	.000v	46.	19.
83	50	-25	0	550.5	.000v	48.	21.
84	75	-25	0	550.6	.000v	52.	24.
85	100	-25	0	550.6	.000v	50.	25.
86	125	-25	0	550.6	.000v	54.	30.
87	150	-25	0	550.7	.000v	55.	36.
88	175	-25	0	550.7	.000v	56.	39.
89	200	-25	0	550.8	.000v	58.	50.
90	225	-25	0	550.8	.000v	57.	54.
91	250	-25	0	550.9	.000v	61.	52.
92	275	-25	0	550.9	.000v	63.	54.
93	300	-25	0	551.0	.000v	63.	53.
94	325	-25	0	551.0	.000v	66.	55.
95	350	-25	0	551.1	.000v	68.	56.
96	375	-25	0	551.2	.000v	68.	54.
97	400	-25	0	551.2	.000v	68.	56.
98	425	-25	0	551.2	.000v	72.	57.
99	450	-25	0	551.3	.000v	75.	57.
100	475	-25	0	551.4	.000v	75.	57.
101	500	-25	0	551.4	.000v	76.	57.
102	525	-25	0	551.4	.000v	77.	57.
103	550	-25	0	551.5	.000v	79.	57.
104	575	-25	0	551.5	.000v	81.	59.
105	600	-25	0	551.6	.000v	83.	58.
106	625	-25	0	551.6	.000v	83.	60.
107	650	-25	0	551.7	.000v	86.	60.
108	675	-25	0	551.7	.000v	87.	61.
109	700	-25	0	551.8	.000v	85.	61.
110	725	-25	0	551.8	.000v	85.	60.
111	750	-25	0	551.8	.000v	84.	62.
112	775	-25	0	551.9	.000v	87.	64.
113	800	-25	0	551.9	.000v	88.	65.
114	825	-25	0	552.0	.000v	86.	63.
115	850	-25	0	552.0	.000v	87.	66.
116	875	-25	0	552.0	.000v	90.	66.
117	900	-25	0	552.1	.000v	91.	68.
118	925	-25	0	552.1	.000v	90.	67.
119	950	-25	0	552.2	.000v	93.	70.
120	975	-25	0	552.2	.000v	95.	70.
121	1000	-25	0	552.3	.000v	95.	69.
122	1025	-25	0	552.3	.000v	97.	72.
123	1050	-25	0	552.4	.000v	100.	73.
124	1075	-25	0	552.4	.000v	100.	76.
125	1100	-25	0	552.5	.000v	103.	72.
126	1125	-25	0	552.6	.000v	104.	76.
127	1150	-25	0	552.7	.000v	109.	76.
128	1175	-25	0	552.7	.000v	108.	79.
129	1200	-25	0	552.8	.000v	111.	78.
130	1225	-25	0	552.8	.000v	112.	81.
131	1250	-25	0	552.9	.000v	117.	81.

132	1275	-25	0	553.0	.000v	118.	83.
133	1300	-25	0	553.0	.000v	121.	83.
134	1325	-25	0	553.1	.000v	122.	87.
135	1350	-25	0	553.2	.000v	126.	85.
136	1375	-25	0	553.2	.000v	128.	87.
137	1400	-25	0	553.3	.000v	132.	88.
138	1425	-25	0	553.4	.000v	134.	91.
139	1450	-25	0	553.4	.000v	139.	90.
140	1475	-25	0	553.5	.000v	143.	91.
141	1500	-25	0	553.5	.000v	144.	93.
142	1525	-25	0	553.6	.000v	150.	94.
143	1550	-25	0	553.6	.000v	153.	95.
144	1575	-25	0	553.7	.000v	155.	95.
145	1600	-25	0	553.7	.000v	157.	95.
146	1625	-25	0	553.7	.000v	163.	95.
147	1650	-25	0	553.7	.000v	163.	96.
148	1675	-25	0	553.7	.000v	162.	96.
149	1700	-25	0	553.8	.000v	166.	96.
150	1725	-25	0	553.8	.000v	168.	95.
151	1750	-25	0	553.8	.000v	170.	96.
152	1775	-25	0	553.7	.000v	166.	98.
153	1800	-25	0	553.7	.000v	172.	100.
154	1825	-25	0	553.6	.000v	173.	101.
155	1850	-25	0	553.4	.000v	177.	102.
156	1875	-25	0	553.2	.000v	178.	103.
157	1900	-25	0	552.8	.000v	181.	104.
158	1925	-25	0	552.5	.000v	184.	91.
159	-25	0	0	550.5	.000v	33.	12.
160	0	0	0	550.5	.000v	41.	16.
161	25	0	0	550.5	.000v	48.	20.
162	50	0	0	550.6	.000v	50.	22.
163	75	0	0	550.6	.000v	52.	25.
164	100	0	0	550.7	.000v	53.	26.
165	125	0	0	550.7	.000v	56.	34.
166	150	0	0	550.8	.000v	56.	38.
167	175	0	0	550.9	.000v	58.	45.
168	200	0	0	550.9	.000v	60.	55.
169	225	0	0	551.0	.000v	62.	57.
170	250	0	0	551.0	.000v	64.	55.
171	275	0	0	551.1	.000v	66.	57.
172	300	0	0	551.1	.000v	67.	57.
173	325	0	0	551.2	.000v	72.	57.
174	350	0	0	551.3	.000v	70.	59.
175	375	0	0	551.3	.000v	74.	59.
176	400	0	0	551.4	.000v	76.	60.
177	425	0	0	551.5	.000v	79.	60.
178	450	0	0	551.5	.000v	79.	60.
179	475	0	0	551.6	.000v	82.	60.
180	500	0	0	551.6	.000v	83.	61.
181	525	0	0	551.7	.000v	85.	59.
182	550	0	0	551.7	.000v	86.	62.
183	575	0	0	551.8	.000v	89.	61.
184	600	0	0	551.8	.000v	90.	65.
185	625	0	0	551.9	.000v	93.	61.
186	650	0	0	552.0	.000v	94.	64.
187	675	0	0	552.0	.000v	93.	65.
188	700	0	0	552.1	.000v	94.	67.
189	725	0	0	552.1	.000v	96.	65.
190	750	0	0	552.2	.000v	97.	67.
191	775	0	0	552.2	.000v	95.	69.
192	800	0	0	552.3	.000v	96.	69.
193	825	0	0	552.3	.000v	98.	69.
194	850	0	0	552.4	.000v	98.	70.
195	875	0	0	552.4	.000v	100.	72.
196	900	0	0	552.5	.000v	101.	74.
197	925	0	0	552.6	.000v	103.	73.
198	950	0	0	552.6	.000v	102.	75.
199	975	0	0	552.7	.000v	107.	76.
200	1000	0	0	552.8	.000v	108.	78.
201	1025	0	0	552.8	.000v	111.	79.
202	1050	0	0	552.9	.000v	113.	78.
203	1075	0	0	553.0	.000v	117.	80.
204	1100	0	0	553.1	.000v	117.	81.
205	1125	0	0	553.2	.000v	120.	81.
206	1150	0	0	553.3	.000v	124.	82.
207	1175	0	0	553.4	.000v	127.	86.
208	1200	0	0	553.4	.000v	129.	86.

209	1225	0	0	553.5	.000v	131.	88.
210	1250	0	0	553.6	.000v	134.	90.
211	1275	0	0	553.7	.000v	140.	91.
212	1300	0	0	553.9	.000v	144.	91.
213	1325	0	0	554.0	.000v	144.	96.
214	1350	0	0	554.1	.000v	148.	96.
215	1375	0	0	554.2	.000v	154.	99.
216	1400	0	0	554.3	.000v	161.	99.
217	1425	0	0	554.4	.000v	163.	104.
218	1450	0	0	554.5	.000v	168.	103.
219	1475	0	0	554.6	.000v	173.	106.
220	1500	0	0	554.7	.000v	181.	105.
221	1525	0	0	554.8	.000v	184.	108.
222	1550	0	0	554.9	.000v	188.	106.
223	1575	0	0	555.0	.000v	193.	106.
224	1600	0	0	555.0	.000v	199.	106.
225	1625	0	0	555.1	.000v	199.	109.
226	1650	0	0	555.2	.000v	204.	108.
227	1675	0	0	555.2	.000v	207.	108.
228	1700	0	0	555.3	.000v	208.	109.
229	1725	0	0	555.4	.000v	208.	112.
230	1750	0	0	555.5	.000v	212.	110.
231	1775	0	0	555.5	.000v	220.	113.
232	1800	0	0	555.5	.000v	221.	111.
233	1825	0	0	555.3	.000v	227.	116.
234	1850	0	0	555.1	.000v	230.	115.
235	1875	0	0	554.6	.000v	237.	120.
236	1900	0	0	553.9	.000v	238.	119.
237	1925	0	0	553.2	.000v	240.	114.
238	-25	25	0	550.5	.000v	32.	12.
239	0	25	0	550.5	.000v	43.	17.
240	25	25	0	550.6	.000v	47.	20.
241	50	25	0	550.7	.000v	53.	23.
242	75	25	0	550.7	.000v	54.	27.
243	100	25	0	550.8	.000v	58.	28.
244	125	25	0	550.8	.000v	58.	37.
245	150	25	0	550.9	.000v	60.	41.
246	175	25	0	551.0	.000v	62.	53.
247	200	25	0	551.1	.000v	64.	58.
248	225	25	0	551.1	.000v	66.	58.
249	250	25	0	551.2	.000v	70.	59.
250	275	25	0	551.3	.000v	72.	60.
251	300	25	0	551.4	.000v	74.	60.
252	325	25	0	551.4	.000v	76.	63.
253	350	25	0	551.5	.000v	78.	62.
254	375	25	0	551.6	.000v	82.	62.
255	400	25	0	551.6	.000v	84.	63.
256	425	25	0	551.7	.000v	84.	66.
257	450	25	0	551.8	.000v	88.	64.
258	475	25	0	551.8	.000v	89.	65.
259	500	25	0	551.9	.000v	92.	65.
260	525	25	0	552.0	.000v	93.	67.
261	550	25	0	552.0	.000v	95.	64.
262	575	25	0	552.1	.000v	98.	66.
263	600	25	0	552.2	.000v	101.	67.
264	625	25	0	552.2	.000v	101.	68.
265	650	25	0	552.3	.000v	103.	69.
266	675	25	0	552.4	.000v	106.	70.
267	700	25	0	552.4	.000v	105.	71.
268	725	25	0	552.5	.000v	106.	73.
269	750	25	0	552.6	.000v	108.	72.
270	775	25	0	552.6	.000v	109.	75.
271	800	25	0	552.7	.000v	109.	75.
272	825	25	0	552.8	.000v	111.	77.
273	850	25	0	552.9	.000v	113.	76.
274	875	25	0	552.9	.000v	115.	78.
275	900	25	0	553.0	.000v	119.	79.
276	925	25	0	553.1	.000v	118.	81.
277	950	25	0	553.2	.000v	121.	80.
278	975	25	0	553.3	.000v	123.	82.
279	1000	25	0	553.4	.000v	129.	83.
280	1025	25	0	553.5	.000v	129.	87.
281	1050	25	0	553.6	.000v	132.	87.
282	1075	25	0	553.7	.000v	133.	88.
283	1100	25	0	553.9	.000v	140.	90.
284	1125	25	0	554.0	.000v	143.	91.
285	1150	25	0	554.1	.000v	147.	93.

286	1175	25	0	554.3	.000v	150.	95.
287	1200	25	0	554.4	.000v	153.	100.
288	1225	25	0	554.6	.000v	159.	100.
289	1250	25	0	554.8	.000v	165.	101.
290	1275	25	0	554.9	.000v	170.	103.
291	1300	25	0	555.1	.000v	174.	108.
292	1325	25	0	555.3	.000v	180.	111.
293	1350	25	0	555.6	.000v	187.	114.
294	1375	25	0	555.8	.000v	194.	115.
295	1400	25	0	556.0	.000v	202.	118.
296	1425	25	0	556.2	.000v	210.	123.
297	1450	25	0	556.4	.000v	217.	122.
298	1475	25	0	556.6	.000v	227.	124.
299	1500	25	0	556.8	.000v	234.	124.
300	1525	25	0	557.0	.000v	242.	121.
301	1550	25	0	557.2	.000v	249.	124.
302	1575	25	0	557.4	.000v	258.	129.
303	1600	25	0	557.6	.000v	263.	130.
304	1625	25	0	557.7	.000v	269.	132.
305	1650	25	0	557.9	.000v	270.	135.
306	1675	25	0	558.1	.000v	276.	137.
307	1700	25	0	558.3	.000v	286.	138.
308	1725	25	0	558.5	.000v	292.	143.
309	1750	25	0	558.7	.000v	300.	145.
310	1775	25	0	559.0	.000v	315.	151.
311	1800	25	0	559.0	.000v	332.	153.
312	1825	25	0	558.9	.000v	334.	157.
313	1850	25	0	558.3	.000v	341.	162.
314	1875	25	0	557.3	.000v	352.	165.
315	1900	25	0	555.8	.000v	363.	164.
316	1925	25	0	554.0	.000v	335.	135.
317	-25	50	0	550.6	.000v	31.	13.
318	0	50	0	550.6	.000v	43.	18.
319	25	50	0	550.7	.000v	49.	22.
320	50	50	0	550.8	.000v	55.	26.
321	75	50	0	550.8	.000v	56.	27.
322	100	50	0	550.9	.000v	59.	30.
323	125	50	0	551.0	.000v	61.	42.
324	150	50	0	551.1	.000v	63.	48.
325	175	50	0	551.2	.000v	66.	61.
326	200	50	0	551.2	.000v	67.	61.
327	225	50	0	551.3	.000v	73.	62.
328	250	50	0	551.4	.000v	76.	62.
329	275	50	0	551.5	.000v	77.	64.
330	300	50	0	551.6	.000v	82.	65.
331	325	50	0	551.7	.000v	84.	66.
332	350	50	0	551.8	.000v	88.	67.
333	375	50	0	551.9	.000v	89.	68.
334	400	50	0	552.0	.000v	93.	68.
335	425	50	0	552.0	.000v	95.	67.
336	450	50	0	552.1	.000v	96.	68.
337	475	50	0	552.2	.000v	100.	70.
338	500	50	0	552.3	.000v	102.	70.
339	525	50	0	552.4	.000v	104.	71.
340	550	50	0	552.4	.000v	108.	69.
341	575	50	0	552.5	.000v	107.	71.
342	600	50	0	552.6	.000v	112.	73.
343	625	50	0	552.7	.000v	115.	72.
344	650	50	0	552.8	.000v	117.	74.
345	675	50	0	552.9	.000v	121.	75.
346	700	50	0	553.0	.000v	121.	77.
347	725	50	0	553.1	.000v	121.	78.
348	750	50	0	553.1	.000v	124.	78.
349	775	50	0	553.3	.000v	128.	80.
350	800	50	0	553.3	.000v	127.	84.
351	825	50	0	553.4	.000v	128.	85.
352	850	50	0	553.6	.000v	130.	85.
353	875	50	0	553.7	.000v	136.	85.
354	900	50	0	553.8	.000v	139.	89.
355	925	50	0	553.9	.000v	141.	89.
356	950	50	0	554.1	.000v	142.	92.
357	975	50	0	554.2	.000v	148.	95.
358	1000	50	0	554.4	.000v	153.	95.
359	1025	50	0	554.5	.000v	157.	96.
360	1050	50	0	554.7	.000v	158.	101.
361	1075	50	0	554.9	.000v	166.	104.
362	1100	50	0	555.1	.000v	171.	104.

363	1125	50	0	555.3	.000v	178.	107.
364	1150	50	0	555.6	.000v	182.	113.
365	1175	50	0	555.8	.000v	190.	113.
366	1200	50	0	556.1	.000v	194.	115.
367	1225	50	0	556.4	.000v	203.	119.
368	1250	50	0	556.7	.000v	212.	125.
369	1275	50	0	557.1	.000v	223.	120.
370	1300	50	0	557.5	.000v	229.	127.
371	1325	50	0	557.9	.000v	239.	137.
372	1350	50	0	558.3	.000v	253.	139.
373	1375	50	0	558.8	.000v	272.	136.
374	1400	50	0	559.2	.000v	280.	140.
375	1425	50	0	559.6	.000v	297.	147.
376	1450	50	0	559.9	.000v	311.	152.
377	1475	50	0	560.3	.000v	330.	159.
378	1500	50	0	560.7	.000v	342.	161.
379	1525	50	0	561.0	.000v	361.	170.
380	1550	50	0	561.4	.000v	378.	169.
381	1575	50	0	561.6	.000v	388.	172.
382	1600	50	0	561.9	.000v	394.	174.
383	1625	50	0	562.2	.000v	406.	184.
384	1650	50	0	562.5	.000v	426.	191.
385	1675	50	0	562.6	.000v	433.	187.
386	1700	50	0	562.9	.000v	434.	186.
387	1725	50	0	563.2	.000v	431.	183.
388	1750	50	0	563.4	.000v	424.	179.
389	1775	50	0	563.3	.000v	423.	180.
390	1800	50	0	562.9	.000v	415.	174.
391	1825	50	0	562.7	.000v	411.	180.
392	1850	50	0	561.8	.000v	410.	176.
393	1875	50	0	559.0	.000v	403.	171.
394	1900	50	0	556.8	.000v	401.	172.
395	1925	50	0	554.3	.000v	357.	133.
396	-25	75	0	550.6	.000v	30.v	14.
397	0	75	0	550.7	.000v	41.	18.
398	25	75	0	550.8	.000v	51.	24.
399	50	75	0	550.9	.000v	55.	27.
400	75	75	0	551.0	.000v	60.	30.
401	100	75	0	551.1	.000v	63.	37.
402	125	75	0	551.2	.000v	63.	46.
403	150	75	0	551.3	.000v	65.	56.
404	175	75	0	551.4	.000v	70.	66.
405	200	75	0	551.5	.000v	75.	66.
406	225	75	0	551.6	.000v	79.	65.
407	250	75	0	551.7	.000v	84.	67.
408	275	75	0	551.8	.000v	88.	68.
409	300	75	0	552.0	.000v	90.	71.
410	325	75	0	552.1	.000v	93.	70.
411	350	75	0	552.2	.000v	98.	70.
412	375	75	0	552.3	.000v	101.	71.
413	400	75	0	552.4	.000v	102.	72.
414	425	75	0	552.5	.000v	109.	72.
415	450	75	0	552.6	.000v	109.	76.
416	475	75	0	552.7	.000v	114.	76.
417	500	75	0	552.8	.000v	115.	76.
418	525	75	0	552.9	.000v	119.	78.
419	550	75	0	553.0	.000v	121.	79.
420	575	75	0	553.1	.000v	125.	80.
421	600	75	0	553.2	.000v	129.	81.
422	625	75	0	553.3	.000v	131.	83.
423	650	75	0	553.5	.000v	136.	85.
424	675	75	0	553.6	.000v	138.	86.
425	700	75	0	553.7	.000v	140.	89.
426	725	75	0	553.8	.000v	145.	90.
427	750	75	0	554.0	.000v	146.	91.
428	775	75	0	554.1	.000v	148.	93.
429	800	75	0	554.3	.000v	150.	96.
430	825	75	0	554.4	.000v	157.	97.
431	850	75	0	554.6	.000v	161.	99.
432	875	75	0	554.8	.000v	161.	101.
433	900	75	0	555.0	.000v	168.	103.
434	925	75	0	555.2	.000v	173.	107.
435	950	75	0	555.4	.000v	180.	103.
436	975	75	0	555.7	.000v	184.	108.
437	1000	75	0	556.0	.000v	192.	111.
438	1025	75	0	556.3	.000v	198.	118.
439	1050	75	0	556.6	.000v	207.	116.

440	1075	75	0	556.9	.000v	217.	116.
441	1100	75	0	557.3	.000v	223.	121.
442	1125	75	0	557.7	.000v	235.	125.
443	1150	75	0	558.2	.000v	246.	132.
444	1175	75	0	558.8	.000v	258.	132.
445	1200	75	0	559.3	.000v	273.	136.
446	1225	75	0	559.9	.000v	293.	144.
447	1250	75	0	560.5	.000v	309.	151.
448	1275	75	0	561.1	.000v	318.	159.
449	1300	75	0	561.6	.000v	343.	166.
450	1325	75	0	562.4	.000v	385.	181.
451	1350	75	0	563.1	.000v	412.	186.
452	1375	75	0	563.6	.000v	429.	195.
453	1400	75	0	563.9	.000v	456.	205.
454	1425	75	0	564.7	.000v	492.	219.
455	1450	75	0	565.1	.000v	501.	214.
456	1475	75	0	565.2	.000v	493.	198.
457	1500	75	0	565.1	.000v	476.	199.
458	1525	75	0	565.4	.000v	460.	192.
459	1550	75	0	565.5	.000v	439.	184.
460	1575	75	0	565.5	.000v	421.	177.
461	1600	75	0	565.3	.000v	400.	168.
462	1625	75	0	565.5	.000v	389.	165.
463	1650	75	0	565.3	.000v	376.	169.
464	1675	75	0	564.7	.000v	373.	167.
465	1700	75	0	564.2	.000v	365.	163.
466	1725	75	0	564.1	.000v	366.	167.
467	1750	75	0	563.6	.000v	355.	157.
468	1775	75	0	563.1	.000v	339.	146.
469	1800	75	0	562.5	.000v	325.	146.
470	1825	75	0	561.5	.000v	321.	143.
471	1850	75	0	560.0	.000v	312.	140.
472	1875	75	0	557.5	.000v	302.	137.
473	1900	75	0	555.2	.000v	296.	134.
474	1925	75	0	553.7	.000v	282.	116.
475	-25	100	0	550.7	.000v	30.	15.
476	0	100	0	550.8	.000v	42.	19.
477	25	100	0	550.9	.000v	51.	25.
478	50	100	0	551.0	.000v	60.	30.
479	75	100	0	551.1	.000v	63.	33.
480	100	100	0	551.3	.000v	65.	43.
481	125	100	0	551.4	.000v	69.	50.
482	150	100	0	551.5	.000v	72.	67.
483	175	100	0	551.7	.000v	77.	70.
484	200	100	0	551.8	.000v	82.	71.
485	225	100	0	552.0	.000v	88.	70.
486	250	100	0	552.1	.000v	93.	72.
487	275	100	0	552.3	.000v	101.	73.
488	300	100	0	552.4	.000v	101.	76.
489	325	100	0	552.6	.000v	106.	77.
490	350	100	0	552.7	.000v	113.	79.
491	375	100	0	552.8	.000v	115.	78.
492	400	100	0	553.0	.000v	121.	84.
493	425	100	0	553.1	.000v	123.	84.
494	450	100	0	553.2	.000v	128.	83.
495	475	100	0	553.4	.000v	130.	84.
496	500	100	0	553.5	.000v	136.	83.
497	525	100	0	553.7	.000v	140.	89.
498	550	100	0	553.8	.000v	143.	90.
499	575	100	0	554.0	.000v	146.	90.
500	600	100	0	554.1	.000v	153.	91.
501	625	100	0	554.3	.000v	155.	96.
502	650	100	0	554.5	.000v	162.	96.
503	675	100	0	554.7	.000v	165.	98.
504	700	100	0	554.9	.000v	174.	101.
505	725	100	0	555.1	.000v	175.	106.
506	750	100	0	555.3	.000v	179.	106.
507	775	100	0	555.5	.000v	184.	105.
508	800	100	0	555.8	.000v	192.	109.
509	825	100	0	556.1	.000v	196.	113.
510	850	100	0	556.4	.000v	204.	114.
511	875	100	0	556.8	.000v	212.	118.
512	900	100	0	557.1	.000v	220.	121.
513	925	100	0	557.5	.000v	230.	124.
514	950	100	0	557.9	.000v	239.	129.
515	975	100	0	558.4	.000v	253.	128.
516	1000	100	0	559.0	.000v	261.	135.

517	1025	100	0	559.6	.000v	280.	140.
518	1050	100	0	560.2	.000v	296.	147.
519	1075	100	0	560.9	.000v	320.	152.
520	1100	100	0	561.6	.000v	332.	160.
521	1125	100	0	562.2	.000v	359.	169.
522	1150	100	0	563.0	.000v	379.	174.
523	1175	100	0	563.8	.000v	422.	196.
524	1200	100	0	564.3	.000v	456.	213.
525	1225	100	0	564.8	.000v	476.	215.
526	1250	100	0	565.5	.000v	493.	210.
527	1275	100	0	566.5	.000v	530.	241.^
528	1300	100	0	566.5	.000v	537.^	230.
529	1325	100	0	566.6	.000v	503.	207.
530	1350	100	0	566.8	.000v	463.	191.
531	1375	100	0	566.9^	.000v	428.	180.
532	1400	100	0	566.7	.000v	389.	165.
533	1425	100	0	566.2	.000v	350.	160.
534	1450	100	0	565.7	.000v	329.	155.
535	1475	100	0	565.2	.000v	321.	152.
536	1500	100	0	564.6	.000v	320.	149.
537	1525	100	0	564.1	.000v	313.	143.
538	1550	100	0	563.5	.000v	309.	140.
539	1575	100	0	563.0	.000v	299.	136.
540	1600	100	0	562.4	.000v	290.	132.
541	1625	100	0	561.8	.000v	276.	129.
542	1650	100	0	561.3	.000v	265.	119.
543	1675	100	0	560.8	.000v	249.	115.
544	1700	100	0	560.3	.000v	239.	115.
545	1725	100	0	559.8	.000v	228.	109.
546	1750	100	0	559.4	.000v	227.	107.
547	1775	100	0	558.9	.000v	220.	105.
548	1800	100	0	558.3	.000v	218.	103.
549	1825	100	0	557.5	.000v	212.	103.
550	1850	100	0	556.4	.000v	210.	100.
551	1875	100	0	555.1	.000v	204.	100.
552	1900	100	0	553.8	.000v	203.	96.
553	1925	100	0	552.9	.000v	201.	91.
554	-25	125	0	550.9	.000v	33.	17.
555	0	125	0	551.0	.000v	40.	20.
556	25	125	0	551.1	.000v	55.	27.
557	50	125	0	551.2	.000v	60.	34.
558	75	125	0	551.4	.000v	67.	38.
559	100	125	0	551.5	.000v	72.	48.
560	125	125	0	551.7	.000v	74.	62.
561	150	125	0	551.9	.000v	80.	75.
562	175	125	0	552.1	.000v	87.	76.
563	200	125	0	552.3	.000v	95.	76.
564	225	125	0	552.5	.000v	103.	79.
565	250	125	0	552.7	.000v	109.	79.
566	275	125	0	552.9	.000v	114.	82.
567	300	125	0	553.1	.000v	120.	84.
568	325	125	0	553.3	.000v	126.	85.
569	350	125	0	553.5	.000v	132.	85.
570	375	125	0	553.7	.000v	136.	90.
571	400	125	0	553.9	.000v	143.	92.
572	425	125	0	554.0	.000v	147.	95.
573	450	125	0	554.2	.000v	152.	94.
574	475	125	0	554.4	.000v	156.	98.
575	500	125	0	554.6	.000v	163.	99.
576	525	125	0	554.8	.000v	169.	97.
577	550	125	0	555.1	.000v	174.	103.
578	575	125	0	555.3	.000v	181.	102.
579	600	125	0	555.6	.000v	187.	107.
580	625	125	0	555.9	.000v	194.	108.
581	650	125	0	556.2	.000v	202.	113.
582	675	125	0	556.5	.000v	212.	115.
583	700	125	0	556.9	.000v	220.	118.
584	725	125	0	557.3	.000v	228.	123.
585	750	125	0	557.7	.000v	238.	125.
586	775	125	0	558.2	.000v	253.	126.
587	800	125	0	558.6	.000v	262.	131.
588	825	125	0	559.2	.000v	273.	136.
589	850	125	0	559.8	.000v	287.	141.
590	875	125	0	560.5	.000v	309.	149.
591	900	125	0	561.2	.000v	336.	161.
592	925	125	0	561.9	.000v	354.	164.
593	950	125	0	562.6	.000v	367.	174.

594	975	125	0	563.3	.000v	387.	175.
595	1000	125	0	564.0	.000v	412.	189.
596	1025	125	0	564.9	.000v	422.	199.
597	1050	125	0	565.5	.000v	429.	204.
598	1075	125	0	565.8	.000v	445.	219.
599	1100	125	0	566.2	.000v	477.	230.
600	1125	125	0	566.8	.000v	489.	225.
601	1150	125	0	566.9	.000v	479.	206.
602	1175	125	0	566.6	.000v	465.	203.
603	1200	125	0	566.4	.000v	437.	183.
604	1225	125	0	566.3	.000v	398.	170.
605	1250	125	0	565.9	.000v	355.	155.
606	1275	125	0	565.2	.000v	319.	148.
607	1300	125	0	564.5	.000v	292.	138.
608	1325	125	0	563.9	.000v	285.	135.
609	1350	125	0	563.2	.000v	276.	128.
610	1375	125	0	562.5	.000v	269.	126.
611	1400	125	0	561.8	.000v	255.	120.
612	1425	125	0	561.3	.000v	246.	116.
613	1450	125	0	560.9	.000v	233.	114.
614	1475	125	0	560.5	.000v	221.	106.
615	1500	125	0	560.1	.000v	212.	104.
616	1525	125	0	559.7	.000v	201.	100.
617	1550	125	0	559.3	.000v	202.	99.
618	1575	125	0	558.9	.000v	201.	97.
619	1600	125	0	558.5	.000v	199.	96.
620	1625	125	0	558.1	.000v	192.	94.
621	1650	125	0	557.8	.000v	189.	92.
622	1675	125	0	557.4	.000v	187.	92.
623	1700	125	0	557.1	.000v	180.	88.
624	1725	125	0	556.8	.000v	175.	86.
625	1750	125	0	556.4	.000v	169.	82.
626	1775	125	0	556.1	.000v	167.	82.
627	1800	125	0	555.6	.000v	165.	82.
628	1825	125	0	555.0	.000v	164.	81.
629	1850	125	0	554.4	.000v	160.	79.
630	1875	125	0	553.6	.000v	158.	77.
631	1900	125	0	552.9	.000v	156.	75.
632	1925	125	0	552.4	.000v	155.	71.
633	-25	150	0	551.0	.000v	38.	19.
634	0	150	0	551.1	.000v	40.	22.
635	25	150	0	551.3	.000v	55.	30.
636	50	150	0	551.5	.000v	64.	39.
637	75	150	0	551.7	.000v	69.	45.
638	100	150	0	551.9	.000v	73.	57.
639	125	150	0	552.2	.000v	82.	74.
640	150	150	0	552.5	.000v	90.	79.
641	175	150	0	552.8	.000v	98.	84.
642	200	150	0	553.1	.000v	109.	85.
643	225	150	0	553.4	.000v	120.	89.
644	250	150	0	553.7	.000v	130.	91.
645	275	150	0	554.0	.000v	136.	94.
646	300	150	0	554.2	.000v	145.	96.
647	325	150	0	554.5	.000v	153.	97.
648	350	150	0	554.8	.000v	162.	100.
649	375	150	0	555.0	.000v	170.	102.
650	400	150	0	555.3	.000v	175.	104.
651	425	150	0	555.6	.000v	185.	109.
652	450	150	0	555.9	.000v	190.	111.
653	475	150	0	556.2	.000v	199.	113.
654	500	150	0	556.6	.000v	209.	114.
655	525	150	0	557.0	.000v	215.	117.
656	550	150	0	557.4	.000v	226.	122.
657	575	150	0	557.9	.000v	243.	123.
658	600	150	0	558.4	.000v	254.	127.
659	625	150	0	558.9	.000v	268.	134.
660	650	150	0	559.4	.000v	281.	139.
661	675	150	0	560.0	.000v	299.	147.
662	700	150	0	560.7	.000v	315.	156.
663	725	150	0	561.4	.000v	347.	165.
664	750	150	0	562.0	.000v	377.	176.
665	775	150	0	562.6	.000v	393.	177.
666	800	150	0	563.4	.000v	410.	185.
667	825	150	0	564.2	.000v	429.	190.
668	850	150	0	564.9	.000v	436.	182.
669	875	150	0	565.1	.000v	424.	192.
670	900	150	0	565.5	.000v	414.	197.

671	925	150	0	566.3	.000v	404.	193.
672	950	150	0	566.5	.000v	409.	196.
673	975	150	0	566.0	.000v	406.	192.
674	1000	150	0	565.8	.000v	404.	180.
675	1025	150	0	565.8	.000v	389.	172.
676	1050	150	0	565.5	.000v	377.	161.
677	1075	150	0	565.0	.000v	346.	152.
678	1100	150	0	564.5	.000v	318.	138.
679	1125	150	0	563.9	.000v	286.	131.
680	1150	150	0	563.3	.000v	267.	130.
681	1175	150	0	562.7	.000v	256.	123.
682	1200	150	0	562.1	.000v	251.	118.
683	1225	150	0	561.4	.000v	240.	116.
684	1250	150	0	560.8	.000v	235.	110.
685	1275	150	0	560.4	.000v	225.	106.
686	1300	150	0	559.9	.000v	214.	104.
687	1325	150	0	559.5	.000v	204.	99.
688	1350	150	0	559.1	.000v	194.	96.
689	1375	150	0	558.7	.000v	189.	93.
690	1400	150	0	558.3	.000v	180.	89.
691	1425	150	0	558.0	.000v	180.	89.
692	1450	150	0	557.7	.000v	173.	86.
693	1475	150	0	557.5	.000v	171.	85.
694	1500	150	0	557.3	.000v	163.	81.
695	1525	150	0	557.0	.000v	161.	80.
696	1550	150	0	556.7	.000v	157.	77.
697	1575	150	0	556.5	.000v	156.	77.
698	1600	150	0	556.2	.000v	152.	75.
699	1625	150	0	556.0	.000v	152.	75.
700	1650	150	0	555.8	.000v	150.	74.
701	1675	150	0	555.5	.000v	148.	72.
702	1700	150	0	555.3	.000v	145.	71.
703	1725	150	0	555.0	.000v	145.	71.
704	1750	150	0	554.8	.000v	141.	69.
705	1775	150	0	554.5	.000v	138.	67.
706	1800	150	0	554.1	.000v	137.	67.
707	1825	150	0	553.7	.000v	136.	66.
708	1850	150	0	553.3	.000v	132.	63.
709	1875	150	0	552.8	.000v	130.	62.
710	1900	150	0	552.4	.000v	131.	59.
711	1925	150	0	552.0	.000v	129.	55.
712	-25	175	0	551.2	.000v	43.	21.
713	0	175	0	551.3	.000v	47.	25.
714	25	175	0	551.6	.000v	59.	34.
715	50	175	0	551.8	.000v	70.	45.
716	75	175	0	552.2	.000v	75.	55.
717	100	175	0	552.5	.000v	79.	68.
718	125	175	0	552.9	.000v	88.	82.
719	150	175	0	553.4	.000v	103.	89.
720	175	175	0	553.9	.000v	119.	94.
721	200	175	0	554.3	.000v	133.	99.
722	225	175	0	554.8	.000v	153.	100.
723	250	175	0	555.3	.000v	165.	103.
724	275	175	0	555.7	.000v	175.	108.
725	300	175	0	556.2	.000v	184.	113.
726	325	175	0	556.7	.000v	200.	114.
727	350	175	0	557.1	.000v	211.	119.
728	375	175	0	557.6	.000v	224.	119.
729	400	175	0	558.1	.000v	234.	123.
730	425	175	0	558.6	.000v	248.	129.
731	450	175	0	559.2	.000v	267.	132.
732	475	175	0	559.8	.000v	277.	138.
733	500	175	0	560.3	.000v	294.	145.
734	525	175	0	560.9	.000v	322.	154.
735	550	175	0	561.6	.000v	350.	162.
736	575	175	0	562.2	.000v	366.	173.
737	600	175	0	562.7	.000v	394.	181.
738	625	175	0	563.5	.000v	434.	192.
739	650	175	0	564.4	.000v	459.	199.
740	675	175	0	564.9	.000v	467.	199.
741	700	175	0	565.1	.000v	461.	189.
742	725	175	0	565.7	.000v	442.	178.
743	750	175	0	566.1	.000v	417.	187.
744	775	175	0	566.1	.000v	391.	185.
745	800	175	0	565.7	.000v	363.	170.
746	825	175	0	565.6	.000v	352.	162.
747	850	175	0	565.3	.000v	349.	163.

748	875	175	0	564.7	.000v	341.	155.
749	900	175	0	564.2	.000v	320.	142.
750	925	175	0	563.7	.000v	304.	134.
751	950	175	0	563.2	.000v	284.	127.
752	975	175	0	562.6	.000v	260.	122.
753	1000	175	0	562.0	.000v	241.	116.
754	1025	175	0	561.5	.000v	231.	111.
755	1050	175	0	560.9	.000v	226.	108.
756	1075	175	0	560.4	.000v	223.	106.
757	1100	175	0	559.9	.000v	214.	103.
758	1125	175	0	559.5	.000v	208.	100.
759	1150	175	0	559.2	.000v	200.	97.
760	1175	175	0	558.8	.000v	194.	95.
761	1200	175	0	558.5	.000v	185.	91.
762	1225	175	0	558.2	.000v	184.	90.
763	1250	175	0	557.8	.000v	176.	87.
764	1275	175	0	557.6	.000v	173.	85.
765	1300	175	0	557.3	.000v	169.	83.
766	1325	175	0	557.0	.000v	167.	83.
767	1350	175	0	556.8	.000v	159.	79.
768	1375	175	0	556.6	.000v	154.	76.
769	1400	175	0	556.4	.000v	152.	76.
770	1425	175	0	556.1	.000v	149.	74.
771	1450	175	0	556.0	.000v	145.	70.
772	1475	175	0	555.8	.000v	141.	70.
773	1500	175	0	555.6	.000v	140.	70.
774	1525	175	0	555.4	.000v	136.	68.
775	1550	175	0	555.2	.000v	133.	65.
776	1575	175	0	555.1	.000v	129.	63.
777	1600	175	0	554.9	.000v	128.	63.
778	1625	175	0	554.7	.000v	124.	61.
779	1650	175	0	554.5	.000v	125.	59.
780	1675	175	0	554.3	.000v	125.	59.
781	1700	175	0	554.1	.000v	124.	59.
782	1725	175	0	553.9	.000v	120.	57.
783	1750	175	0	553.7	.000v	120.	56.
784	1775	175	0	553.5	.000v	120.	55.
785	1800	175	0	553.2	.000v	117.	55.
786	1825	175	0	552.9	.000v	115.	52.
787	1850	175	0	552.6	.000v	114.	51.
788	1875	175	0	552.3	.000v	114.	50.
789	1900	175	0	552.0	.000v	112.	50.
790	1925	175	0	551.7	.000v	110.	46.
791	-25	200	0	551.4	.000v	50.	25.
792	0	200	0	551.6	.000v	54.	29.
793	25	200	0	551.9	.000v	59.	40.
794	50	200	0	552.4	.000v	74.	54.
795	75	200	0	552.9	.000v	80.	68.
796	100	200	0	553.5	.000v	91.	84.
797	125	200	0	554.2	.000v	104.	91.
798	150	200	0	555.0	.000v	127.	101.
799	175	200	0	555.9	.000v	156.	111.
800	200	200	0	556.8	.000v	180.	115.
801	225	200	0	557.7	.000v	210.	114.
802	250	200	0	558.4	.000v	226.	120.
803	275	200	0	559.2	.000v	241.	124.
804	300	200	0	560.0	.000v	265.	133.
805	325	200	0	560.7	.000v	286.	142.
806	350	200	0	561.3	.000v	314.	154.
807	375	200	0	562.0	.000v	340.	164.
808	400	200	0	562.7	.000v	357.	171.
809	425	200	0	563.6	.000v	367.	180.
810	450	200	0	563.9	.000v	377.	189.
811	475	200	0	564.9	.000v	457.	219.
812	500	200	0	565.1	.000v	491.	226.
813	525	200	0	565.4	.000v	484.	215.
814	550	200	0	565.7	.000v	458.	192.
815	575	200	0	566.0	.000v	433.	191.
816	600	200	0	566.0	.000v	403.	170.
817	625	200	0	565.9	.000v	362.	162.
818	650	200	0	565.5	.000v	328.	155.
819	675	200	0	565.0	.000v	308.	146.
820	700	200	0	564.4	.000v	302.	140.
821	725	200	0	563.8	.000v	296.	137.
822	750	200	0	563.1	.000v	289.	134.
823	775	200	0	562.5	.000v	275.	126.
824	800	200	0	562.0	.000v	261.	119.

825	825	200	0	561.4	.000v	242.	116.
826	850	200	0	560.9	.000v	229.	111.
827	875	200	0	560.4	.000v	215.	104.
828	900	200	0	560.0	.000v	211.	102.
829	925	200	0	559.5	.000v	202.	97.
830	950	200	0	559.1	.000v	201.	96.
831	975	200	0	558.8	.000v	191.	94.
832	1000	200	0	558.5	.000v	186.	91.
833	1025	200	0	558.2	.000v	178.	88.
834	1050	200	0	557.9	.000v	171.	84.
835	1075	200	0	557.6	.000v	163.	81.
836	1100	200	0	557.3	.000v	163.	81.
837	1125	200	0	557.1	.000v	162.	80.
838	1150	200	0	556.9	.000v	155.	77.
839	1175	200	0	556.7	.000v	150.	74.
840	1200	200	0	556.5	.000v	149.	74.
841	1225	200	0	556.3	.000v	145.	72.
842	1250	200	0	556.1	.000v	139.	69.
843	1275	200	0	555.9	.000v	139.	69.
844	1300	200	0	555.7	.000v	136.	67.
845	1325	200	0	555.6	.000v	134.	67.
846	1350	200	0	555.4	.000v	129.	64.
847	1375	200	0	555.2	.000v	129.	64.
848	1400	200	0	555.1	.000v	128.	63.
849	1425	200	0	554.9	.000v	126.	62.
850	1450	200	0	554.8	.000v	121.	59.
851	1475	200	0	554.7	.000v	118.	57.
852	1500	200	0	554.5	.000v	120.	57.
853	1525	200	0	554.4	.000v	118.	56.
854	1550	200	0	554.2	.000v	114.	53.
855	1575	200	0	554.1	.000v	112.	53.
856	1600	200	0	554.0	.000v	110.	52.
857	1625	200	0	553.8	.000v	111.	51.
858	1650	200	0	553.7	.000v	109.	48.
859	1675	200	0	553.5	.000v	107.	48.
860	1700	200	0	553.4	.000v	106.	47.
861	1725	200	0	553.2	.000v	107.	46.
862	1750	200	0	553.0	.000v	105.	45.
863	1775	200	0	552.8	.000v	103.	44.
864	1800	200	0	552.6	.000v	103.	44.
865	1825	200	0	552.4	.000v	102.	42.
866	1850	200	0	552.1	.000v	100.	42.
867	1875	200	0	551.9	.000v	99.	41.
868	1900	200	0	551.7	.000v	99.	40.
869	1925	200	0	551.5	.000v	98.	38.
870	-25	225	0	551.6	.000v	59.	30.
871	0	225	0	552.0	.000v	66.	37.
872	25	225	0	552.5	.000v	74.	45.
873	50	225	0	553.2	.000v	83.	65.
874	75	225	0	554.1	.000v	96.	83.
875	100	225	0	555.3	.000v	107.	95.
876	125	225	0	556.8	.000v	139.	116.
877	150	225	0	558.4	.000v	172.	133.
878	175	225	0	560.0	.000v	216.	147.
879	200	225	0	561.2	.000v	257.	161.
880	225	225	0	562.2	.000v	307.	165.
881	250	225	0	563.4	.000v	337.	174.
882	275	225	0	564.3	.000v	355.	175.
883	300	225	0	564.8	.000v	357.	169.
884	325	225	0	565.0	.000v	351.	168.
885	350	225	0	565.6	.000v	341.	169.
886	375	225	0	565.9	.000v	327.	169.
887	400	225	0	565.6	.000v	314.	170.
888	425	225	0	565.3	.000v	308.	155.
889	450	225	0	565.4	.000v	306.	150.
890	475	225	0	565.2	.000v	311.	143.
891	500	225	0	564.5	.000v	280.	133.
892	525	225	0	563.9	.000v	263.	127.
893	550	225	0	563.3	.000v	255.	123.
894	575	225	0	562.6	.000v	252.	120.
895	600	225	0	561.9	.000v	242.	114.
896	625	225	0	561.4	.000v	238.	110.
897	650	225	0	560.9	.000v	229.	109.
898	675	225	0	560.4	.000v	218.	107.
899	700	225	0	560.0	.000v	209.	102.
900	725	225	0	559.6	.000v	199.	98.
901	750	225	0	559.2	.000v	197.	96.

902	775	225	0	558.8	.000v	195.	93.
903	800	225	0	558.4	.000v	191.	92.
904	825	225	0	558.1	.000v	183.	90.
905	850	225	0	557.8	.000v	180.	87.
906	875	225	0	557.6	.000v	174.	85.
907	900	225	0	557.3	.000v	166.	83.
908	925	225	0	557.1	.000v	161.	80.
909	950	225	0	556.8	.000v	155.	77.
910	975	225	0	556.6	.000v	152.	75.
911	1000	225	0	556.4	.000v	148.	74.
912	1025	225	0	556.3	.000v	144.	71.
913	1050	225	0	556.1	.000v	140.	69.
914	1075	225	0	555.9	.000v	135.	67.
915	1100	225	0	555.8	.000v	132.	65.
916	1125	225	0	555.6	.000v	130.	64.
917	1150	225	0	555.5	.000v	128.	64.
918	1175	225	0	555.3	.000v	125.	62.
919	1200	225	0	555.2	.000v	124.	61.
920	1225	225	0	555.1	.000v	122.	60.
921	1250	225	0	554.9	.000v	120.	58.
922	1275	225	0	554.8	.000v	117.	55.
923	1300	225	0	554.7	.000v	116.	56.
924	1325	225	0	554.6	.000v	113.	53.
925	1350	225	0	554.4	.000v	114.	53.
926	1375	225	0	554.3	.000v	111.	52.
927	1400	225	0	554.2	.000v	109.	51.
928	1425	225	0	554.1	.000v	107.	49.
929	1450	225	0	554.0	.000v	106.	48.
930	1475	225	0	553.9	.000v	105.	47.
931	1500	225	0	553.8	.000v	104.	45.
932	1525	225	0	553.7	.000v	101.	45.
933	1550	225	0	553.5	.000v	101.	43.
934	1575	225	0	553.4	.000v	99.	43.
935	1600	225	0	553.3	.000v	98.	43.
936	1625	225	0	553.2	.000v	95.	43.
937	1650	225	0	553.0	.000v	97.	41.
938	1675	225	0	552.9	.000v	95.	40.
939	1700	225	0	552.8	.000v	94.	39.
940	1725	225	0	552.6	.000v	93.	39.
941	1750	225	0	552.5	.000v	94.	37.
942	1775	225	0	552.3	.000v	93.	38.
943	1800	225	0	552.2	.000v	92.	37.
944	1825	225	0	552.0	.000v	91.	36.
945	1850	225	0	551.8	.000v	91.	35.
946	1875	225	0	551.6	.000v	89.	35.
947	1900	225	0	551.4	.000v	88.	34.
948	1925	225	0	551.3	.000v	88.	33.
949	-25	250	0	552.0	.000v	72.	38.
950	0	250	0	552.5	.000v	82.	48.
951	25	250	0	553.4	.000v	97.	60.
952	50	250	0	554.7	.000v	113.	76.
953	75	250	0	556.6	.000v	135.	93.
954	100	250	0	558.9	.000v	174.	119.
955	125	250	0	561.1	.000v	198.	146.
956	150	250	0	563.3	.000v	229.	158.
957	175	250	0	565.1	.000v	263.	162.
958	200	250	0	565.7	.000v	286.	163.
959	225	250	0	565.7	.000v	267.	157.
960	250	250	0	565.6	.000v	243.	150.
961	275	250	0	565.2	.000v	221.	150.
962	300	250	0	564.7	.000v	219.	143.
963	325	250	0	564.1	.000v	228.	130.
964	350	250	0	563.5	.000v	232.	121.
965	375	250	0	562.8	.000v	228.	113.
966	400	250	0	562.1	.000v	227.	110.
967	425	250	0	561.4	.000v	216.	105.
968	450	250	0	560.9	.000v	207.	100.
969	475	250	0	560.3	.000v	199.	98.
970	500	250	0	559.9	.000v	197.	95.
971	525	250	0	559.5	.000v	188.	93.
972	550	250	0	559.1	.000v	181.	90.
973	575	250	0	558.7	.000v	180.	88.
974	600	250	0	558.4	.000v	173.	85.
975	625	250	0	558.1	.000v	175.	86.
976	650	250	0	557.8	.000v	170.	84.
977	675	250	0	557.5	.000v	169.	83.
978	700	250	0	557.3	.000v	162.	80.

979	725	250	0	557.1	.000v	161.	80.
980	750	250	0	556.8	.000v	156.	78.
981	775	250	0	556.6	.000v	153.	76.
982	800	250	0	556.4	.000v	148.	73.
983	825	250	0	556.2	.000v	147.	73.
984	850	250	0	556.1	.000v	145.	71.
985	875	250	0	555.9	.000v	139.	69.
986	900	250	0	555.7	.000v	136.	67.
987	925	250	0	555.6	.000v	134.	66.
988	950	250	0	555.4	.000v	131.	63.
989	975	250	0	555.3	.000v	126.	62.
990	1000	250	0	555.2	.000v	125.	62.
991	1025	250	0	555.1	.000v	124.	61.
992	1050	250	0	554.9	.000v	119.	59.
993	1075	250	0	554.8	.000v	116.	56.
994	1100	250	0	554.7	.000v	114.	56.
995	1125	250	0	554.6	.000v	113.	54.
996	1150	250	0	554.5	.000v	110.	51.
997	1175	250	0	554.4	.000v	108.	51.
998	1200	250	0	554.3	.000v	107.	50.
999	1225	250	0	554.2	.000v	107.	49.
1000	1250	250	0	554.1	.000v	104.	47.
1001	1275	250	0	554.0	.000v	101.	46.
1002	1300	250	0	553.9	.000v	100.	45.
1003	1325	250	0	553.8	.000v	100.	44.
1004	1350	250	0	553.7	.000v	99.	43.
1005	1375	250	0	553.7	.000v	96.	42.
1006	1400	250	0	553.6	.000v	96.	42.
1007	1425	250	0	553.5	.000v	96.	41.
1008	1450	250	0	553.4	.000v	94.	40.
1009	1475	250	0	553.3	.000v	93.	39.
1010	1500	250	0	553.2	.000v	93.	38.
1011	1525	250	0	553.1	.000v	91.	37.
1012	1550	250	0	553.0	.000v	89.	38.
1013	1575	250	0	552.9	.000v	89.	37.
1014	1600	250	0	552.8	.000v	89.	37.
1015	1625	250	0	552.7	.000v	86.	37.
1016	1650	250	0	552.6	.000v	86.	35.
1017	1675	250	0	552.5	.000v	86.	34.
1018	1700	250	0	552.4	.000v	84.	33.
1019	1725	250	0	552.2	.000v	83.	33.
1020	1750	250	0	552.1	.000v	85.	32.
1021	1775	250	0	552.0	.000v	84.	32.
1022	1800	250	0	551.8	.000v	83.	31.
1023	1825	250	0	551.7	.000v	82.	31.
1024	1850	250	0	551.5	.000v	82.	31.
1025	1875	250	0	551.4	.000v	80.	30.
1026	1900	250	0	551.3	.000v	80.	30.
1027	1925	250	0	551.1	.000v	80.	29.
1028	-25	275	0	552.3	.000v	88.	47.
1029	0	275	0	553.3	.000v	109.	66.
1030	25	275	0	554.9	.000v	133.	84.
1031	50	275	0	557.5	.000v	177.	111.
1032	75	275	0	560.6	.000v	205.	131.
1033	100	275	0	563.1	.000v	193.	127.
1034	125	275	0	564.5	.000v	190.	152.
1035	150	275	0	564.6	.000v	199.	133.
1036	175	275	0	563.6	.000v	169.	119.
1037	200	275	0	562.6	.000v	149.	114.
1038	225	275	0	561.9	.000v	153.	104.
1039	250	275	0	561.2	.000v	155.	97.
1040	275	275	0	560.5	.000v	153.	92.
1041	300	275	0	560.1	.000v	149.	88.
1042	325	275	0	559.6	.000v	151.	83.
1043	350	275	0	559.2	.000v	150.	78.
1044	375	275	0	558.8	.000v	156.	77.
1045	400	275	0	558.4	.000v	152.	75.
1046	425	275	0	558.0	.000v	155.	76.
1047	450	275	0	557.7	.000v	153.	76.
1048	475	275	0	557.4	.000v	152.	75.
1049	500	275	0	557.2	.000v	148.	74.
1050	525	275	0	556.9	.000v	146.	72.
1051	550	275	0	556.7	.000v	143.	71.
1052	575	275	0	556.5	.000v	142.	71.
1053	600	275	0	556.3	.000v	138.	69.
1054	625	275	0	556.2	.000v	138.	68.
1055	650	275	0	556.0	.000v	135.	67.

1056	675	275	0	555.9	.000v	132.	66.
1057	700	275	0	555.7	.000v	135.	67.
1058	725	275	0	555.6	.000v	132.	66.
1059	750	275	0	555.4	.000v	129.	64.
1060	775	275	0	555.3	.000v	125.	62.
1061	800	275	0	555.2	.000v	124.	61.
1062	825	275	0	555.0	.000v	120.	59.
1063	850	275	0	554.9	.000v	121.	60.
1064	875	275	0	554.8	.000v	117.	57.
1065	900	275	0	554.7	.000v	116.	57.
1066	925	275	0	554.6	.000v	112.	54.
1067	950	275	0	554.5	.000v	111.	52.
1068	975	275	0	554.4	.000v	109.	52.
1069	1000	275	0	554.3	.000v	108.	51.
1070	1025	275	0	554.2	.000v	106.	49.
1071	1050	275	0	554.1	.000v	105.	49.
1072	1075	275	0	554.1	.000v	103.	46.
1073	1100	275	0	554.0	.000v	100.	44.
1074	1125	275	0	553.9	.000v	98.	44.
1075	1150	275	0	553.8	.000v	97.	42.
1076	1175	275	0	553.8	.000v	96.	42.
1077	1200	275	0	553.7	.000v	94.	41.
1078	1225	275	0	553.6	.000v	93.	41.
1079	1250	275	0	553.5	.000v	93.	39.
1080	1275	275	0	553.5	.000v	91.	39.
1081	1300	275	0	553.4	.000v	89.	38.
1082	1325	275	0	553.3	.000v	89.	38.
1083	1350	275	0	553.2	.000v	88.	37.
1084	1375	275	0	553.1	.000v	87.	37.
1085	1400	275	0	553.1	.000v	86.	36.
1086	1425	275	0	553.0	.000v	85.	35.
1087	1450	275	0	552.9	.000v	85.	35.
1088	1475	275	0	552.8	.000v	83.	34.
1089	1500	275	0	552.8	.000v	85.	33.
1090	1525	275	0	552.7	.000v	82.	33.
1091	1550	275	0	552.6	.000v	81.	33.
1092	1575	275	0	552.5	.000v	80.	33.
1093	1600	275	0	552.4	.000v	80.	33.
1094	1625	275	0	552.3	.000v	79.	31.
1095	1650	275	0	552.2	.000v	79.	31.
1096	1675	275	0	552.1	.000v	78.	30.
1097	1700	275	0	552.0	.000v	76.	29.
1098	1725	275	0	551.9	.000v	77.	29.
1099	1750	275	0	551.8	.000v	77.	28.
1100	1775	275	0	551.7	.000v	76.	29.
1101	1800	275	0	551.6	.000v	76.	28.
1102	1825	275	0	551.5	.000v	75.	27.
1103	1850	275	0	551.3	.000v	74.	28.
1104	1875	275	0	551.2	.000v	74.	27.
1105	1900	275	0	551.1	.000v	74.	27.
1106	1925	275	0	551.0	.000v	73.	25.
1107	-25	300	0	552.7	.000v	99.	51.
1108	0	300	0	554.1	.000v	140.	79.
1109	25	300	0	556.5	.000v	187.	120.
1110	50	300	0	559.5	.000v	171.	119.
1111	75	300	0	561.5	.000v	145.	103.
1112	100	300	0	561.7	.000v	124.	106.
1113	125	300	0	560.9	.000v	112.	94.
1114	150	300	0	559.8	.000v	112.	85.
1115	175	300	0	559.0	.000v	118.	81.
1116	200	300	0	558.5	.000v	114.	75.
1117	225	300	0	558.0	.000v	110.	71.
1118	250	300	0	557.7	.000v	108.	68.
1119	275	300	0	557.4	.000v	113.	65.
1120	300	300	0	557.1	.000v	117.	63.
1121	325	300	0	556.9	.000v	120.	60.
1122	350	300	0	556.7	.000v	117.	57.
1123	375	300	0	556.5	.000v	116.	56.
1124	400	300	0	556.2	.000v	120.	58.
1125	425	300	0	556.0	.000v	122.	57.
1126	450	300	0	555.9	.000v	121.	57.
1127	475	300	0	555.7	.000v	120.	57.
1128	500	300	0	555.6	.000v	122.	57.
1129	525	300	0	555.4	.000v	120.	57.
1130	550	300	0	555.3	.000v	120.	56.
1131	575	300	0	555.2	.000v	117.	56.
1132	600	300	0	555.1	.000v	118.	57.

1133	625	300	0	555.0	.000v	117.	56.
1134	650	300	0	554.9	.000v	115.	55.
1135	675	300	0	554.8	.000v	112.	54.
1136	700	300	0	554.7	.000v	115.	55.
1137	725	300	0	554.6	.000v	114.	55.
1138	750	300	0	554.5	.000v	111.	54.
1139	775	300	0	554.4	.000v	109.	51.
1140	800	300	0	554.3	.000v	107.	50.
1141	825	300	0	554.2	.000v	107.	51.
1142	850	300	0	554.1	.000v	105.	49.
1143	875	300	0	554.0	.000v	102.	47.
1144	900	300	0	554.0	.000v	99.	46.
1145	925	300	0	553.9	.000v	100.	44.
1146	950	300	0	553.8	.000v	98.	43.
1147	975	300	0	553.7	.000v	95.	42.
1148	1000	300	0	553.7	.000v	94.	41.
1149	1025	300	0	553.6	.000v	94.	40.
1150	1050	300	0	553.5	.000v	91.	40.
1151	1075	300	0	553.5	.000v	90.	39.
1152	1100	300	0	553.4	.000v	90.	37.
1153	1125	300	0	553.4	.000v	88.	36.
1154	1150	300	0	553.3	.000v	86.	37.
1155	1175	300	0	553.2	.000v	87.	36.
1156	1200	300	0	553.2	.000v	85.	36.
1157	1225	300	0	553.1	.000v	83.	35.
1158	1250	300	0	553.1	.000v	82.	34.
1159	1275	300	0	553.0	.000v	83.	34.
1160	1300	300	0	552.9	.000v	81.	32.
1161	1325	300	0	552.9	.000v	81.	31.
1162	1350	300	0	552.8	.000v	80.	32.
1163	1375	300	0	552.7	.000v	79.	31.
1164	1400	300	0	552.7	.000v	77.	31.
1165	1425	300	0	552.6	.000v	78.	31.
1166	1450	300	0	552.5	.000v	77.	31.
1167	1475	300	0	552.5	.000v	77.	30.
1168	1500	300	0	552.4	.000v	76.	30.
1169	1525	300	0	552.3	.000v	75.	30.
1170	1550	300	0	552.3	.000v	73.	30.
1171	1575	300	0	552.2	.000v	74.	29.
1172	1600	300	0	552.1	.000v	74.	29.
1173	1625	300	0	552.0	.000v	73.	29.
1174	1650	300	0	551.9	.000v	71.	28.
1175	1675	300	0	551.9	.000v	70.	27.
1176	1700	300	0	551.8	.000v	72.	26.
1177	1725	300	0	551.7	.000v	72.	26.
1178	1750	300	0	551.6	.000v	71.	24.
1179	1775	300	0	551.5	.000v	69.	24.
1180	1800	300	0	551.4	.000v	71.	24.
1181	1825	300	0	551.3	.000v	70.	23.
1182	1850	300	0	551.2	.000v	70.	23.
1183	1875	300	0	551.1	.000v	68.	23.
1184	1900	300	0	551.0	.000v	67.	22.
1185	1925	300	0	550.9	.000v	68.	22.
1186	-25	325	0	552.8	.000v	92.	48.
1187	0	325	0	554.0	.000v	115.	67.
1188	25	325	0	555.9	.000v	125.	85.
1189	50	325	0	557.4	.000v	107.	91.
1190	75	325	0	557.7	.000v	91.	82.
1191	100	325	0	557.4	.000v	89.	74.
1192	125	325	0	557.0	.000v	90.	66.
1193	150	325	0	556.6	.000v	88.	60.
1194	175	325	0	556.3	.000v	89.	58.
1195	200	325	0	556.1	.000v	90.	55.
1196	225	325	0	555.9	.000v	91.	53.
1197	250	325	0	555.7	.000v	89.	51.
1198	275	325	0	555.6	.000v	91.	50.
1199	300	325	0	555.4	.000v	96.	49.
1200	325	325	0	555.3	.000v	96.	47.
1201	350	325	0	555.2	.000v	96.	46.
1202	375	325	0	555.1	.000v	101.	45.
1203	400	325	0	554.9	.000v	101.	45.
1204	425	325	0	554.8	.000v	101.	45.
1205	450	325	0	554.7	.000v	101.	44.
1206	475	325	0	554.6	.000v	104.	44.
1207	500	325	0	554.5	.000v	104.	45.
1208	525	325	0	554.4	.000v	101.	44.
1209	550	325	0	554.4	.000v	101.	45.

1210	575	325	0	554.3	.000v	103.	45.
1211	600	325	0	554.2	.000v	103.	45.
1212	625	325	0	554.1	.000v	101.	46.
1213	650	325	0	554.1	.000v	99.	45.
1214	675	325	0	554.0	.000v	100.	45.
1215	700	325	0	553.9	.000v	100.	45.
1216	725	325	0	553.9	.000v	98.	45.
1217	750	325	0	553.8	.000v	98.	44.
1218	775	325	0	553.7	.000v	97.	43.
1219	800	325	0	553.7	.000v	96.	41.
1220	825	325	0	553.6	.000v	94.	41.
1221	850	325	0	553.5	.000v	93.	39.
1222	875	325	0	553.5	.000v	92.	40.
1223	900	325	0	553.4	.000v	89.	38.
1224	925	325	0	553.3	.000v	88.	39.
1225	950	325	0	553.3	.000v	87.	35.
1226	975	325	0	553.2	.000v	86.	36.
1227	1000	325	0	553.2	.000v	84.	35.
1228	1025	325	0	553.1	.000v	84.	35.
1229	1050	325	0	553.1	.000v	83.	33.
1230	1075	325	0	553.0	.000v	81.	33.
1231	1100	325	0	553.0	.000v	80.	33.
1232	1125	325	0	552.9	.000v	79.	31.
1233	1150	325	0	552.9	.000v	79.	31.
1234	1175	325	0	552.8	.000v	79.	30.
1235	1200	325	0	552.8	.000v	77.	30.
1236	1225	325	0	552.8	.000v	75.	31.
1237	1250	325	0	552.7	.000v	76.	30.
1238	1275	325	0	552.6	.000v	75.	29.
1239	1300	325	0	552.6	.000v	74.	29.
1240	1325	325	0	552.5	.000v	73.	29.
1241	1350	325	0	552.5	.000v	73.	29.
1242	1375	325	0	552.4	.000v	71.	29.
1243	1400	325	0	552.4	.000v	71.	29.
1244	1425	325	0	552.3	.000v	71.	28.
1245	1450	325	0	552.2	.000v	71.	28.
1246	1475	325	0	552.2	.000v	70.	26.
1247	1500	325	0	552.1	.000v	69.	26.
1248	1525	325	0	552.1	.000v	69.	26.
1249	1550	325	0	552.0	.000v	69.	25.
1250	1575	325	0	551.9	.000v	69.	23.
1251	1600	325	0	551.9	.000v	67.	23.
1252	1625	325	0	551.8	.000v	67.	22.
1253	1650	325	0	551.7	.000v	67.	22.
1254	1675	325	0	551.6	.000v	67.	22.
1255	1700	325	0	551.6	.000v	66.	22.
1256	1725	325	0	551.5	.000v	65.	22.
1257	1750	325	0	551.4	.000v	65.	22.
1258	1775	325	0	551.3	.000v	65.	22.
1259	1800	325	0	551.2	.000v	65.	21.
1260	1825	325	0	551.1	.000v	65.	21.
1261	1850	325	0	551.1	.000v	63.	21.
1262	1875	325	0	551.0	.000v	64.	21.
1263	1900	325	0	550.9	.000v	64.	21.
1264	1925	325	0	550.8	.000v	63.	20.
1265	-25	350	0	552.6	.000v	75.	40.
1266	0	350	0	553.3	.000v	82.	49.
1267	25	350	0	554.2	.000v	80.	60.
1268	50	350	0	554.8	.000v	73.	63.
1269	75	350	0	555.1	.000v	76.	61.
1270	100	350	0	555.1	.000v	75.	56.
1271	125	350	0	555.0	.000v	76.	51.
1272	150	350	0	554.9	.000v	79.	48.
1273	175	350	0	554.7	.000v	80.	46.
1274	200	350	0	554.6	.000v	79.	44.
1275	225	350	0	554.6	.000v	78.	43.
1276	250	350	0	554.5	.000v	80.	42.
1277	275	350	0	554.4	.000v	79.	41.
1278	300	350	0	554.3	.000v	81.	40.
1279	325	350	0	554.3	.000v	83.	39.
1280	350	350	0	554.2	.000v	85.	38.
1281	375	350	0	554.1	.000v	86.	37.
1282	400	350	0	554.0	.000v	89.	37.
1283	425	350	0	554.0	.000v	85.	37.
1284	450	350	0	553.9	.000v	88.	38.
1285	475	350	0	553.8	.000v	89.	37.
1286	500	350	0	553.8	.000v	89.	37.

1287	525	350	0	553.7	.000v	91.	38.
1288	550	350	0	553.7	.000v	91.	36.
1289	575	350	0	553.6	.000v	89.	37.
1290	600	350	0	553.6	.000v	88.	37.
1291	625	350	0	553.5	.000v	91.	37.
1292	650	350	0	553.5	.000v	90.	38.
1293	675	350	0	553.4	.000v	88.	39.
1294	700	350	0	553.4	.000v	89.	40.
1295	725	350	0	553.3	.000v	88.	39.
1296	750	350	0	553.3	.000v	87.	38.
1297	775	350	0	553.2	.000v	87.	36.
1298	800	350	0	553.2	.000v	87.	35.
1299	825	350	0	553.1	.000v	85.	35.
1300	850	350	0	553.1	.000v	83.	34.
1301	875	350	0	553.0	.000v	82.	34.
1302	900	350	0	553.0	.000v	81.	33.
1303	925	350	0	552.9	.000v	78.	32.
1304	950	350	0	552.9	.000v	79.	31.
1305	975	350	0	552.8	.000v	78.	31.
1306	1000	350	0	552.8	.000v	77.	30.
1307	1025	350	0	552.7	.000v	75.	30.
1308	1050	350	0	552.7	.000v	75.	30.
1309	1075	350	0	552.7	.000v	73.	30.
1310	1100	350	0	552.6	.000v	74.	29.
1311	1125	350	0	552.6	.000v	73.	28.
1312	1150	350	0	552.5	.000v	73.	28.
1313	1175	350	0	552.5	.000v	71.	28.
1314	1200	350	0	552.5	.000v	69.	28.
1315	1225	350	0	552.4	.000v	69.	28.
1316	1250	350	0	552.4	.000v	71.	27.
1317	1275	350	0	552.4	.000v	69.	26.
1318	1300	350	0	552.3	.000v	68.	26.
1319	1325	350	0	552.3	.000v	67.	25.
1320	1350	350	0	552.2	.000v	67.	23.
1321	1375	350	0	552.2	.000v	68.	23.
1322	1400	350	0	552.1	.000v	67.	23.
1323	1425	350	0	552.0	.000v	65.	22.
1324	1450	350	0	552.0	.000v	65.	22.
1325	1475	350	0	551.9	.000v	66.	22.
1326	1500	350	0	551.9	.000v	65.	22.
1327	1525	350	0	551.8	.000v	64.	21.
1328	1550	350	0	551.8	.000v	63.	21.
1329	1575	350	0	551.7	.000v	64.	21.
1330	1600	350	0	551.6	.000v	63.	21.
1331	1625	350	0	551.6	.000v	62.	21.
1332	1650	350	0	551.5	.000v	62.	20.
1333	1675	350	0	551.4	.000v	61.	20.
1334	1700	350	0	551.4	.000v	62.	20.
1335	1725	350	0	551.3	.000v	62.	20.
1336	1750	350	0	551.2	.000v	61.	20.
1337	1775	350	0	551.2	.000v	59.	19.
1338	1800	350	0	551.1	.000v	62.	20.
1339	1825	350	0	551.0	.000v	61.	19.
1340	1850	350	0	550.9	.000v	60.	19.
1341	1875	350	0	550.9	.000v	58.	19.
1342	1900	350	0	550.8	.000v	60.	19.
1343	1925	350	0	550.7	.000v	60.	19.
1344	-25	375	0	552.2	.000v	59.	32.
1345	0	375	0	552.7	.000v	61.	40.
1346	25	375	0	553.1	.000v	59.	45.
1347	50	375	0	553.5	.000v	54.	49.
1348	75	375	0	553.7	.000v	60.	47.
1349	100	375	0	553.8	.000v	70.	45.
1350	125	375	0	553.8	.000v	72.	42.
1351	150	375	0	553.8	.000v	71.	39.
1352	175	375	0	553.7	.000v	71.	39.
1353	200	375	0	553.7	.000v	71.	37.
1354	225	375	0	553.7	.000v	71.	37.
1355	250	375	0	553.6	.000v	70.	36.
1356	275	375	0	553.6	.000v	72.	35.
1357	300	375	0	553.6	.000v	74.	34.
1358	325	375	0	553.5	.000v	72.	33.
1359	350	375	0	553.5	.000v	76.	33.
1360	375	375	0	553.4	.000v	75.	32.
1361	400	375	0	553.4	.000v	76.	32.
1362	425	375	0	553.3	.000v	76.	31.
1363	450	375	0	553.3	.000v	79.	32.

1364	475	375	0	553.3	.000v	78.	31.
1365	500	375	0	553.2	.000v	79.	32.
1366	525	375	0	553.2	.000v	80.	32.
1367	550	375	0	553.1	.000v	81.	32.
1368	575	375	0	553.1	.000v	81.	31.
1369	600	375	0	553.1	.000v	81.	31.
1370	625	375	0	553.0	.000v	82.	32.
1371	650	375	0	553.0	.000v	81.	33.
1372	675	375	0	553.0	.000v	81.	33.
1373	700	375	0	552.9	.000v	80.	33.
1374	725	375	0	552.9	.000v	81.	33.
1375	750	375	0	552.9	.000v	79.	32.
1376	775	375	0	552.8	.000v	79.	32.
1377	800	375	0	552.8	.000v	80.	31.
1378	825	375	0	552.7	.000v	77.	30.
1379	850	375	0	552.7	.000v	76.	30.
1380	875	375	0	552.6	.000v	75.	29.
1381	900	375	0	552.6	.000v	74.	29.
1382	925	375	0	552.6	.000v	72.	28.
1383	950	375	0	552.5	.000v	73.	28.
1384	975	375	0	552.5	.000v	71.	28.
1385	1000	375	0	552.4	.000v	70.	28.
1386	1025	375	0	552.4	.000v	69.	27.
1387	1050	375	0	552.4	.000v	68.	27.
1388	1075	375	0	552.3	.000v	68.	26.
1389	1100	375	0	552.3	.000v	68.	25.
1390	1125	375	0	552.3	.000v	67.	25.
1391	1150	375	0	552.3	.000v	65.	24.
1392	1175	375	0	552.2	.000v	65.	23.
1393	1200	375	0	552.2	.000v	66.	22.
1394	1225	375	0	552.2	.000v	65.	22.
1395	1250	375	0	552.1	.000v	63.	21.
1396	1275	375	0	552.1	.000v	62.	21.
1397	1300	375	0	552.1	.000v	64.	21.
1398	1325	375	0	552.0	.000v	63.	21.
1399	1350	375	0	552.0	.000v	62.	21.
1400	1375	375	0	551.9	.000v	61.	20.
1401	1400	375	0	551.9	.000v	62.	20.
1402	1425	375	0	551.8	.000v	62.	21.
1403	1450	375	0	551.8	.000v	61.	20.
1404	1475	375	0	551.7	.000v	60.	20.
1405	1500	375	0	551.7	.000v	59.	19.
1406	1525	375	0	551.6	.000v	60.	20.
1407	1550	375	0	551.6	.000v	59.	19.
1408	1575	375	0	551.5	.000v	59.	19.
1409	1600	375	0	551.5	.000v	58.	19.
1410	1625	375	0	551.4	.000v	58.	19.
1411	1650	375	0	551.4	.000v	58.	19.
1412	1675	375	0	551.3	.000v	58.	19.
1413	1700	375	0	551.2	.000v	57.	18.
1414	1725	375	0	551.2	.000v	57.	19.
1415	1750	375	0	551.1	.000v	57.	19.
1416	1775	375	0	551.0	.000v	57.	18.
1417	1800	375	0	551.0	.000v	56.	18.
1418	1825	375	0	550.9	.000v	57.	18.
1419	1850	375	0	550.9	.000v	57.	18.
1420	1875	375	0	550.8	.000v	56.	17.
1421	1900	375	0	550.7	.000v	54.	17.
1422	1925	375	0	550.7	.000v	56.	17.
	wartosci srednie			555.2	.000	150.	78.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.200 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	-25	-50	0	2.2001v	.000v	.011	.004
2	0	-50	0	2.2001	.000v	.013	.005
3	25	-50	0	2.2001	.000v	.015	.006
4	50	-50	0	2.2001	.000v	.016	.006
5	75	-50	0	2.2002	.000v	.016	.008
6	100	-50	0	2.2002	.000v	.016	.008
7	125	-50	0	2.2002	.000v	.017	.009

8	150	-50	0	2.2002	.000v	.017	.011
9	175	-50	0	2.2002	.000v	.017	.011
10	200	-50	0	2.2002	.000v	.018	.014
11	225	-50	0	2.2002	.000v	.018	.017
12	250	-50	0	2.2003	.000v	.019	.016
13	275	-50	0	2.2003	.000v	.019	.017
14	300	-50	0	2.2003	.000v	.019	.016
15	325	-50	0	2.2003	.000v	.020	.017
16	350	-50	0	2.2003	.000v	.020	.016
17	375	-50	0	2.2003	.000v	.021	.017
18	400	-50	0	2.2003	.000v	.021	.017
19	425	-50	0	2.2004	.000v	.021	.017
20	450	-50	0	2.2004	.000v	.022	.017
21	475	-50	0	2.2004	.000v	.023	.017
22	500	-50	0	2.2004	.000v	.023	.017
23	525	-50	0	2.2004	.000v	.023	.018
24	550	-50	0	2.2004	.000v	.023	.018
25	575	-50	0	2.2004	.000v	.024	.018
26	600	-50	0	2.2004	.000v	.025	.018
27	625	-50	0	2.2005	.000v	.025	.018
28	650	-50	0	2.2005	.000v	.025	.018
29	675	-50	0	2.2005	.000v	.025	.019
30	700	-50	0	2.2005	.000v	.025	.018
31	725	-50	0	2.2005	.000v	.025	.019
32	750	-50	0	2.2005	.000v	.025	.019
33	775	-50	0	2.2005	.000v	.025	.019
34	800	-50	0	2.2005	.000v	.025	.019
35	825	-50	0	2.2005	.000v	.026	.020
36	850	-50	0	2.2006	.000v	.026	.019
37	875	-50	0	2.2006	.000v	.026	.020
38	900	-50	0	2.2006	.000v	.027	.020
39	925	-50	0	2.2006	.000v	.027	.020
40	950	-50	0	2.2006	.000v	.027	.020
41	975	-50	0	2.2006	.000v	.027	.021
42	1000	-50	0	2.2006	.000v	.028	.020
43	1025	-50	0	2.2006	.000v	.028	.021
44	1050	-50	0	2.2007	.000v	.028	.021
45	1075	-50	0	2.2007	.000v	.029	.021
46	1100	-50	0	2.2007	.000v	.030	.022
47	1125	-50	0	2.2007	.000v	.030	.023
48	1150	-50	0	2.2007	.000v	.030	.023
49	1175	-50	0	2.2007	.000v	.031	.022
50	1200	-50	0	2.2007	.000v	.032	.023
51	1225	-50	0	2.2008	.000v	.032	.024
52	1250	-50	0	2.2008	.000v	.033	.024
53	1275	-50	0	2.2008	.000v	.033	.024
54	1300	-50	0	2.2008	.000v	.034	.024
55	1325	-50	0	2.2008	.000v	.035	.025
56	1350	-50	0	2.2008	.000v	.035	.025
57	1375	-50	0	2.2008	.000v	.036	.025
58	1400	-50	0	2.2009	.000v	.037	.026
59	1425	-50	0	2.2009	.000v	.037	.025
60	1450	-50	0	2.2009	.000v	.038	.025
61	1475	-50	0	2.2009	.000v	.040	.026
62	1500	-50	0	2.2009	.000v	.040	.026
63	1525	-50	0	2.2009	.000v	.040	.026
64	1550	-50	0	2.2009	.000v	.042	.026
65	1575	-50	0	2.2009	.000v	.043	.027
66	1600	-50	0	2.2009	.000v	.043	.027
67	1625	-50	0	2.2009	.000v	.043	.027
68	1650	-50	0	2.2009	.000v	.044	.027
69	1675	-50	0	2.2009	.000v	.045	.027
70	1700	-50	0	2.2009	.000v	.046	.028
71	1725	-50	0	2.2009	.000v	.045	.027
72	1750	-50	0	2.2009	.000v	.045	.028
73	1775	-50	0	2.2009	.000v	.046	.027
74	1800	-50	0	2.2009	.000v	.047	.028
75	1825	-50	0	2.2009	.000v	.047	.028
76	1850	-50	0	2.2008	.000v	.046	.029
77	1875	-50	0	2.2008	.000v	.047	.030
78	1900	-50	0	2.2007	.000v	.048	.029
79	1925	-50	0	2.2006	.000v	.048	.027
80	-25	-25	0	2.2001	.000v	.011	.004v
81	0	-25	0	2.2001	.000v	.013	.005
82	25	-25	0	2.2002	.000v	.015	.006
83	50	-25	0	2.2002	.000v	.015	.007
84	75	-25	0	2.2002	.000v	.017	.008

85	100	-25	0	2.2002	.000v	.016	.008
86	125	-25	0	2.2002	.000v	.017	.010
87	150	-25	0	2.2002	.000v	.018	.012
88	175	-25	0	2.2002	.000v	.018	.013
89	200	-25	0	2.2003	.000v	.019	.016
90	225	-25	0	2.2003	.000v	.019	.017
91	250	-25	0	2.2003	.000v	.020	.017
92	275	-25	0	2.2003	.000v	.020	.018
93	300	-25	0	2.2003	.000v	.020	.017
94	325	-25	0	2.2003	.000v	.021	.018
95	350	-25	0	2.2004	.000v	.022	.018
96	375	-25	0	2.2004	.000v	.022	.018
97	400	-25	0	2.2004	.000v	.022	.018
98	425	-25	0	2.2004	.000v	.023	.018
99	450	-25	0	2.2004	.000v	.024	.018
100	475	-25	0	2.2004	.000v	.024	.018
101	500	-25	0	2.2005	.000v	.025	.018
102	525	-25	0	2.2005	.000v	.025	.018
103	550	-25	0	2.2005	.000v	.026	.018
104	575	-25	0	2.2005	.000v	.026	.019
105	600	-25	0	2.2005	.000v	.027	.019
106	625	-25	0	2.2005	.000v	.027	.019
107	650	-25	0	2.2005	.000v	.028	.019
108	675	-25	0	2.2006	.000v	.028	.020
109	700	-25	0	2.2006	.000v	.028	.020
110	725	-25	0	2.2006	.000v	.028	.019
111	750	-25	0	2.2006	.000v	.027	.020
112	775	-25	0	2.2006	.000v	.028	.021
113	800	-25	0	2.2006	.000v	.028	.021
114	825	-25	0	2.2006	.000v	.028	.020
115	850	-25	0	2.2006	.000v	.028	.021
116	875	-25	0	2.2007	.000v	.029	.022
117	900	-25	0	2.2007	.000v	.029	.022
118	925	-25	0	2.2007	.000v	.029	.022
119	950	-25	0	2.2007	.000v	.030	.023
120	975	-25	0	2.2007	.000v	.031	.023
121	1000	-25	0	2.2007	.000v	.031	.022
122	1025	-25	0	2.2008	.000v	.031	.023
123	1050	-25	0	2.2008	.000v	.032	.024
124	1075	-25	0	2.2008	.000v	.032	.025
125	1100	-25	0	2.2008	.000v	.033	.023
126	1125	-25	0	2.2008	.000v	.034	.025
127	1150	-25	0	2.2009	.000v	.035	.025
128	1175	-25	0	2.2009	.000v	.035	.026
129	1200	-25	0	2.2009	.000v	.036	.025
130	1225	-25	0	2.2009	.000v	.036	.026
131	1250	-25	0	2.2009	.000v	.038	.026
132	1275	-25	0	2.2010	.000v	.038	.027
133	1300	-25	0	2.2010	.000v	.039	.027
134	1325	-25	0	2.2010	.000v	.040	.028
135	1350	-25	0	2.2010	.000v	.041	.028
136	1375	-25	0	2.2010	.000v	.041	.028
137	1400	-25	0	2.2011	.000v	.043	.028
138	1425	-25	0	2.2011	.000v	.043	.029
139	1450	-25	0	2.2011	.000v	.045	.029
140	1475	-25	0	2.2011	.000v	.046	.030
141	1500	-25	0	2.2011	.000v	.046	.030
142	1525	-25	0	2.2012	.000v	.048	.031
143	1550	-25	0	2.2012	.000v	.049	.031
144	1575	-25	0	2.2012	.000v	.050	.031
145	1600	-25	0	2.2012	.000v	.051	.031
146	1625	-25	0	2.2012	.000v	.053	.031
147	1650	-25	0	2.2012	.000v	.053	.031
148	1675	-25	0	2.2012	.000v	.053	.031
149	1700	-25	0	2.2012	.000v	.054	.031
150	1725	-25	0	2.2012	.000v	.054	.031
151	1750	-25	0	2.2012	.000v	.055	.031
152	1775	-25	0	2.2012	.000v	.054	.032
153	1800	-25	0	2.2012	.000v	.056	.032
154	1825	-25	0	2.2012	.000v	.056	.033
155	1850	-25	0	2.2011	.000v	.057	.033
156	1875	-25	0	2.2010	.000v	.058	.033
157	1900	-25	0	2.2009	.000v	.059	.034
158	1925	-25	0	2.2008	.000v	.060	.029
159	-25	0	0	2.2001	.000v	.011	.004
160	0	0	0	2.2002	.000v	.013	.005
161	25	0	0	2.2002	.000v	.015	.006

162	50	0	0	2.2002	.000v	.016	.007
163	75	0	0	2.2002	.000v	.017	.008
164	100	0	0	2.2002	.000v	.017	.009
165	125	0	0	2.2002	.000v	.018	.011
166	150	0	0	2.2003	.000v	.018	.012
167	175	0	0	2.2003	.000v	.019	.015
168	200	0	0	2.2003	.000v	.019	.018
169	225	0	0	2.2003	.000v	.020	.018
170	250	0	0	2.2003	.000v	.021	.018
171	275	0	0	2.2004	.000v	.021	.018
172	300	0	0	2.2004	.000v	.022	.019
173	325	0	0	2.2004	.000v	.023	.019
174	350	0	0	2.2004	.000v	.023	.019
175	375	0	0	2.2004	.000v	.024	.019
176	400	0	0	2.2004	.000v	.025	.020
177	425	0	0	2.2005	.000v	.026	.019
178	450	0	0	2.2005	.000v	.026	.019
179	475	0	0	2.2005	.000v	.026	.019
180	500	0	0	2.2005	.000v	.027	.020
181	525	0	0	2.2005	.000v	.027	.019
182	550	0	0	2.2006	.000v	.028	.020
183	575	0	0	2.2006	.000v	.029	.020
184	600	0	0	2.2006	.000v	.029	.021
185	625	0	0	2.2006	.000v	.030	.020
186	650	0	0	2.2006	.000v	.030	.021
187	675	0	0	2.2007	.000v	.030	.021
188	700	0	0	2.2007	.000v	.031	.022
189	725	0	0	2.2007	.000v	.031	.021
190	750	0	0	2.2007	.000v	.031	.022
191	775	0	0	2.2007	.000v	.031	.022
192	800	0	0	2.2007	.000v	.031	.022
193	825	0	0	2.2007	.000v	.032	.022
194	850	0	0	2.2008	.000v	.032	.023
195	875	0	0	2.2008	.000v	.032	.023
196	900	0	0	2.2008	.000v	.033	.024
197	925	0	0	2.2008	.000v	.033	.024
198	950	0	0	2.2008	.000v	.033	.024
199	975	0	0	2.2009	.000v	.035	.025
200	1000	0	0	2.2009	.000v	.035	.025
201	1025	0	0	2.2009	.000v	.036	.025
202	1050	0	0	2.2009	.000v	.036	.025
203	1075	0	0	2.2010	.000v	.038	.026
204	1100	0	0	2.2010	.000v	.038	.026
205	1125	0	0	2.2010	.000v	.039	.026
206	1150	0	0	2.2011	.000v	.040	.026
207	1175	0	0	2.2011	.000v	.041	.028
208	1200	0	0	2.2011	.000v	.042	.028
209	1225	0	0	2.2011	.000v	.042	.028
210	1250	0	0	2.2012	.000v	.043	.029
211	1275	0	0	2.2012	.000v	.045	.029
212	1300	0	0	2.2012	.000v	.047	.030
213	1325	0	0	2.2013	.000v	.047	.031
214	1350	0	0	2.2013	.000v	.048	.031
215	1375	0	0	2.2014	.000v	.050	.032
216	1400	0	0	2.2014	.000v	.052	.032
217	1425	0	0	2.2014	.000v	.053	.034
218	1450	0	0	2.2015	.000v	.054	.033
219	1475	0	0	2.2015	.000v	.056	.034
220	1500	0	0	2.2015	.000v	.059	.034
221	1525	0	0	2.2016	.000v	.059	.035
222	1550	0	0	2.2016	.000v	.061	.034
223	1575	0	0	2.2016	.000v	.062	.034
224	1600	0	0	2.2016	.000v	.064	.034
225	1625	0	0	2.2017	.000v	.064	.035
226	1650	0	0	2.2017	.000v	.066	.035
227	1675	0	0	2.2017	.000v	.067	.035
228	1700	0	0	2.2017	.000v	.067	.035
229	1725	0	0	2.2017	.000v	.067	.036
230	1750	0	0	2.2018	.000v	.068	.036
231	1775	0	0	2.2018	.000v	.071	.036
232	1800	0	0	2.2018	.000v	.071	.036
233	1825	0	0	2.2017	.000v	.073	.038
234	1850	0	0	2.2016	.000v	.074	.037
235	1875	0	0	2.2015	.000v	.076	.039
236	1900	0	0	2.2013	.000v	.077	.038
237	1925	0	0	2.2010	.000v	.078	.037
238	-25	25	0	2.2002	.000v	.010	.004

239	0	25	0	2.2002	.000v	.014	.006
240	25	25	0	2.2002	.000v	.015	.007
241	50	25	0	2.2002	.000v	.017	.008
242	75	25	0	2.2002	.000v	.017	.009
243	100	25	0	2.2003	.000v	.019	.009
244	125	25	0	2.2003	.000v	.019	.012
245	150	25	0	2.2003	.000v	.019	.013
246	175	25	0	2.2003	.000v	.020	.017
247	200	25	0	2.2003	.000v	.021	.019
248	225	25	0	2.2004	.000v	.021	.019
249	250	25	0	2.2004	.000v	.023	.019
250	275	25	0	2.2004	.000v	.023	.019
251	300	25	0	2.2004	.000v	.024	.020
252	325	25	0	2.2005	.000v	.025	.020
253	350	25	0	2.2005	.000v	.025	.020
254	375	25	0	2.2005	.000v	.027	.020
255	400	25	0	2.2005	.000v	.027	.020
256	425	25	0	2.2006	.000v	.027	.021
257	450	25	0	2.2006	.000v	.029	.021
258	475	25	0	2.2006	.000v	.029	.021
259	500	25	0	2.2006	.000v	.030	.021
260	525	25	0	2.2006	.000v	.030	.022
261	550	25	0	2.2007	.000v	.031	.021
262	575	25	0	2.2007	.000v	.032	.022
263	600	25	0	2.2007	.000v	.033	.022
264	625	25	0	2.2007	.000v	.033	.022
265	650	25	0	2.2007	.000v	.033	.022
266	675	25	0	2.2008	.000v	.034	.023
267	700	25	0	2.2008	.000v	.034	.023
268	725	25	0	2.2008	.000v	.034	.024
269	750	25	0	2.2008	.000v	.035	.023
270	775	25	0	2.2009	.000v	.035	.024
271	800	25	0	2.2009	.000v	.035	.024
272	825	25	0	2.2009	.000v	.036	.025
273	850	25	0	2.2009	.000v	.037	.024
274	875	25	0	2.2010	.000v	.037	.025
275	900	25	0	2.2010	.000v	.039	.025
276	925	25	0	2.2010	.000v	.038	.026
277	950	25	0	2.2010	.000v	.039	.026
278	975	25	0	2.2011	.000v	.040	.027
279	1000	25	0	2.2011	.000v	.042	.027
280	1025	25	0	2.2011	.000v	.042	.028
281	1050	25	0	2.2012	.000v	.043	.028
282	1075	25	0	2.2012	.000v	.043	.028
283	1100	25	0	2.2013	.000v	.045	.029
284	1125	25	0	2.2013	.000v	.046	.030
285	1150	25	0	2.2013	.000v	.047	.030
286	1175	25	0	2.2014	.000v	.049	.031
287	1200	25	0	2.2014	.000v	.050	.032
288	1225	25	0	2.2015	.000v	.051	.032
289	1250	25	0	2.2015	.000v	.053	.033
290	1275	25	0	2.2016	.000v	.055	.033
291	1300	25	0	2.2017	.000v	.056	.035
292	1325	25	0	2.2017	.000v	.058	.036
293	1350	25	0	2.2018	.000v	.061	.037
294	1375	25	0	2.2019	.000v	.063	.037
295	1400	25	0	2.2019	.000v	.065	.038
296	1425	25	0	2.2020	.000v	.068	.040
297	1450	25	0	2.2021	.000v	.070	.040
298	1475	25	0	2.2021	.000v	.073	.040
299	1500	25	0	2.2022	.000v	.076	.040
300	1525	25	0	2.2023	.000v	.078	.039
301	1550	25	0	2.2023	.000v	.081	.040
302	1575	25	0	2.2024	.000v	.083	.042
303	1600	25	0	2.2024	.000v	.085	.042
304	1625	25	0	2.2025	.000v	.087	.043
305	1650	25	0	2.2025	.000v	.087	.044
306	1675	25	0	2.2026	.000v	.089	.044
307	1700	25	0	2.2027	.000v	.092	.045
308	1725	25	0	2.2028	.000v	.095	.046
309	1750	25	0	2.2028	.000v	.097	.047
310	1775	25	0	2.2029	.000v	.102	.049
311	1800	25	0	2.2029	.000v	.107	.049
312	1825	25	0	2.2029	.000v	.108	.051
313	1850	25	0	2.2027	.000v	.110	.052
314	1875	25	0	2.2024	.000v	.114	.053
315	1900	25	0	2.2019	.000v	.117	.053

316	1925	25	0	2.2013	.000v	.108	.043
317	-25	50	0	2.2002	.000v	.010	.004
318	0	50	0	2.2002	.000v	.014	.006
319	25	50	0	2.2002	.000v	.016	.007
320	50	50	0	2.2002	.000v	.018	.008
321	75	50	0	2.2003	.000v	.018	.009
322	100	50	0	2.2003	.000v	.019	.010
323	125	50	0	2.2003	.000v	.020	.014
324	150	50	0	2.2003	.000v	.020	.015
325	175	50	0	2.2004	.000v	.021	.020
326	200	50	0	2.2004	.000v	.022	.020
327	225	50	0	2.2004	.000v	.024	.020
328	250	50	0	2.2005	.000v	.025	.020
329	275	50	0	2.2005	.000v	.025	.021
330	300	50	0	2.2005	.000v	.027	.021
331	325	50	0	2.2006	.000v	.027	.021
332	350	50	0	2.2006	.000v	.028	.022
333	375	50	0	2.2006	.000v	.029	.022
334	400	50	0	2.2006	.000v	.030	.022
335	425	50	0	2.2007	.000v	.031	.022
336	450	50	0	2.2007	.000v	.031	.022
337	475	50	0	2.2007	.000v	.032	.023
338	500	50	0	2.2007	.000v	.033	.023
339	525	50	0	2.2008	.000v	.034	.023
340	550	50	0	2.2008	.000v	.035	.022
341	575	50	0	2.2008	.000v	.035	.023
342	600	50	0	2.2008	.000v	.036	.024
343	625	50	0	2.2009	.000v	.037	.023
344	650	50	0	2.2009	.000v	.038	.024
345	675	50	0	2.2009	.000v	.039	.024
346	700	50	0	2.2010	.000v	.039	.025
347	725	50	0	2.2010	.000v	.039	.025
348	750	50	0	2.2010	.000v	.040	.025
349	775	50	0	2.2011	.000v	.041	.026
350	800	50	0	2.2011	.000v	.041	.027
351	825	50	0	2.2011	.000v	.042	.027
352	850	50	0	2.2011	.000v	.042	.027
353	875	50	0	2.2012	.000v	.044	.028
354	900	50	0	2.2012	.000v	.045	.029
355	925	50	0	2.2013	.000v	.046	.029
356	950	50	0	2.2013	.000v	.046	.030
357	975	50	0	2.2014	.000v	.048	.031
358	1000	50	0	2.2014	.000v	.049	.031
359	1025	50	0	2.2015	.000v	.051	.031
360	1050	50	0	2.2015	.000v	.051	.033
361	1075	50	0	2.2016	.000v	.054	.034
362	1100	50	0	2.2016	.000v	.055	.034
363	1125	50	0	2.2017	.000v	.057	.035
364	1150	50	0	2.2018	.000v	.059	.036
365	1175	50	0	2.2019	.000v	.061	.037
366	1200	50	0	2.2020	.000v	.063	.037
367	1225	50	0	2.2021	.000v	.066	.038
368	1250	50	0	2.2022	.000v	.068	.040
369	1275	50	0	2.2023	.000v	.072	.039
370	1300	50	0	2.2024	.000v	.074	.041
371	1325	50	0	2.2025	.000v	.077	.044
372	1350	50	0	2.2027	.000v	.082	.045
373	1375	50	0	2.2028	.000v	.088	.044
374	1400	50	0	2.2030	.000v	.091	.045
375	1425	50	0	2.2031	.000v	.096	.048
376	1450	50	0	2.2032	.000v	.101	.049
377	1475	50	0	2.2033	.000v	.107	.051
378	1500	50	0	2.2035	.000v	.111	.052
379	1525	50	0	2.2036	.000v	.117	.055
380	1550	50	0	2.2037	.000v	.122	.055
381	1575	50	0	2.2037	.000v	.126	.056
382	1600	50	0	2.2039	.000v	.127	.056
383	1625	50	0	2.2039	.000v	.131	.059
384	1650	50	0	2.2040	.000v	.138	.062
385	1675	50	0	2.2041	.000v	.140	.060
386	1700	50	0	2.2042	.000v	.140	.060
387	1725	50	0	2.2043	.000v	.139	.059
388	1750	50	0	2.2043	.000v	.137	.058
389	1775	50	0	2.2043	.000v	.137	.058
390	1800	50	0	2.2042	.000v	.134	.056
391	1825	50	0	2.2041	.000v	.133	.058
392	1850	50	0	2.2038	.000v	.132	.057

393	1875	50	0	2.2029	.000v	.130	.055
394	1900	50	0	2.2022	.000v	.130	.055
395	1925	50	0	2.2014	.000v	.115	.043
396	-25	75	0	2.2002	.000v	.010v	.005
397	0	75	0	2.2002	.000v	.013	.006
398	25	75	0	2.2003	.000v	.016	.008
399	50	75	0	2.2003	.000v	.018	.009
400	75	75	0	2.2003	.000v	.019	.010
401	100	75	0	2.2003	.000v	.020	.012
402	125	75	0	2.2004	.000v	.020	.015
403	150	75	0	2.2004	.000v	.021	.018
404	175	75	0	2.2004	.000v	.023	.021
405	200	75	0	2.2005	.000v	.024	.022
406	225	75	0	2.2005	.000v	.026	.021
407	250	75	0	2.2006	.000v	.027	.022
408	275	75	0	2.2006	.000v	.028	.022
409	300	75	0	2.2006	.000v	.029	.023
410	325	75	0	2.2007	.000v	.030	.023
411	350	75	0	2.2007	.000v	.032	.023
412	375	75	0	2.2007	.000v	.033	.023
413	400	75	0	2.2008	.000v	.033	.023
414	425	75	0	2.2008	.000v	.035	.023
415	450	75	0	2.2008	.000v	.035	.025
416	475	75	0	2.2009	.000v	.037	.024
417	500	75	0	2.2009	.000v	.037	.025
418	525	75	0	2.2009	.000v	.039	.025
419	550	75	0	2.2010	.000v	.039	.026
420	575	75	0	2.2010	.000v	.040	.026
421	600	75	0	2.2010	.000v	.042	.026
422	625	75	0	2.2011	.000v	.042	.027
423	650	75	0	2.2011	.000v	.044	.027
424	675	75	0	2.2012	.000v	.044	.028
425	700	75	0	2.2012	.000v	.045	.029
426	725	75	0	2.2012	.000v	.047	.029
427	750	75	0	2.2013	.000v	.047	.030
428	775	75	0	2.2013	.000v	.048	.030
429	800	75	0	2.2014	.000v	.049	.031
430	825	75	0	2.2014	.000v	.051	.031
431	850	75	0	2.2015	.000v	.052	.032
432	875	75	0	2.2016	.000v	.052	.033
433	900	75	0	2.2016	.000v	.054	.033
434	925	75	0	2.2017	.000v	.056	.034
435	950	75	0	2.2018	.000v	.058	.033
436	975	75	0	2.2018	.000v	.060	.035
437	1000	75	0	2.2019	.000v	.062	.036
438	1025	75	0	2.2020	.000v	.064	.038
439	1050	75	0	2.2021	.000v	.067	.037
440	1075	75	0	2.2022	.000v	.070	.038
441	1100	75	0	2.2024	.000v	.072	.039
442	1125	75	0	2.2025	.000v	.076	.040
443	1150	75	0	2.2027	.000v	.080	.043
444	1175	75	0	2.2028	.000v	.084	.043
445	1200	75	0	2.2030	.000v	.088	.044
446	1225	75	0	2.2032	.000v	.095	.047
447	1250	75	0	2.2034	.000v	.100	.049
448	1275	75	0	2.2036	.000v	.103	.051
449	1300	75	0	2.2038	.000v	.111	.054
450	1325	75	0	2.2040	.000v	.125	.058
451	1350	75	0	2.2042	.000v	.133	.060
452	1375	75	0	2.2044	.000v	.139	.063
453	1400	75	0	2.2045	.000v	.148	.066
454	1425	75	0	2.2048	.000v	.159	.071
455	1450	75	0	2.2049	.000v	.162	.069
456	1475	75	0	2.2049	.000v	.160	.064
457	1500	75	0	2.2049	.000v	.154	.064
458	1525	75	0	2.2050	.000v	.149	.062
459	1550	75	0	2.2050	.000v	.142	.059
460	1575	75	0	2.2050	.000v	.136	.057
461	1600	75	0	2.2050	.000v	.129	.054
462	1625	75	0	2.2050	.000v	.126	.054
463	1650	75	0	2.2049	.000v	.122	.055
464	1675	75	0	2.2048	.000v	.121	.054
465	1700	75	0	2.2046	.000v	.118	.053
466	1725	75	0	2.2045	.000v	.118	.054
467	1750	75	0	2.2044	.000v	.115	.051
468	1775	75	0	2.2042	.000v	.110	.047
469	1800	75	0	2.2040	.000v	.105	.047

470	1825	75	0	2.2037	.000v	.104	.046
471	1850	75	0	2.2032	.000v	.101	.045
472	1875	75	0	2.2024	.000v	.098	.044
473	1900	75	0	2.2017	.000v	.096	.043
474	1925	75	0	2.2012	.000v	.091	.038
475	-25	100	0	2.2002	.000v	.010	.005
476	0	100	0	2.2003	.000v	.014	.006
477	25	100	0	2.2003	.000v	.016	.008
478	50	100	0	2.2003	.000v	.019	.010
479	75	100	0	2.2004	.000v	.020	.011
480	100	100	0	2.2004	.000v	.021	.014
481	125	100	0	2.2005	.000v	.022	.016
482	150	100	0	2.2005	.000v	.023	.022
483	175	100	0	2.2005	.000v	.025	.023
484	200	100	0	2.2006	.000v	.026	.023
485	225	100	0	2.2006	.000v	.029	.023
486	250	100	0	2.2007	.000v	.030	.023
487	275	100	0	2.2007	.000v	.033	.024
488	300	100	0	2.2008	.000v	.033	.025
489	325	100	0	2.2008	.000v	.034	.025
490	350	100	0	2.2009	.000v	.036	.026
491	375	100	0	2.2009	.000v	.037	.025
492	400	100	0	2.2010	.000v	.039	.027
493	425	100	0	2.2010	.000v	.040	.027
494	450	100	0	2.2011	.000v	.041	.027
495	475	100	0	2.2011	.000v	.042	.027
496	500	100	0	2.2011	.000v	.044	.027
497	525	100	0	2.2012	.000v	.045	.029
498	550	100	0	2.2012	.000v	.046	.029
499	575	100	0	2.2013	.000v	.047	.029
500	600	100	0	2.2013	.000v	.050	.029
501	625	100	0	2.2014	.000v	.050	.031
502	650	100	0	2.2014	.000v	.052	.031
503	675	100	0	2.2015	.000v	.053	.032
504	700	100	0	2.2016	.000v	.056	.033
505	725	100	0	2.2016	.000v	.057	.034
506	750	100	0	2.2017	.000v	.058	.034
507	775	100	0	2.2018	.000v	.060	.034
508	800	100	0	2.2019	.000v	.062	.035
509	825	100	0	2.2020	.000v	.063	.037
510	850	100	0	2.2021	.000v	.066	.037
511	875	100	0	2.2022	.000v	.069	.038
512	900	100	0	2.2023	.000v	.071	.039
513	925	100	0	2.2024	.000v	.074	.040
514	950	100	0	2.2026	.000v	.077	.042
515	975	100	0	2.2027	.000v	.082	.041
516	1000	100	0	2.2029	.000v	.084	.044
517	1025	100	0	2.2031	.000v	.091	.045
518	1050	100	0	2.2033	.000v	.096	.047
519	1075	100	0	2.2035	.000v	.103	.049
520	1100	100	0	2.2037	.000v	.107	.052
521	1125	100	0	2.2040	.000v	.116	.055
522	1150	100	0	2.2042	.000v	.122	.056
523	1175	100	0	2.2045	.000v	.137	.063
524	1200	100	0	2.2046	.000v	.148	.069
525	1225	100	0	2.2048	.000v	.154	.070
526	1250	100	0	2.2050	.000v	.159	.068
527	1275	100	0	2.2053	.000v	.171	.078^
528	1300	100	0	2.2053	.000v	.174^	.074
529	1325	100	0	2.2054	.000v	.163	.067
530	1350	100	0	2.2054	.000v	.150	.062
531	1375	100	0	2.2055^	.000v	.138	.058
532	1400	100	0	2.2054	.000v	.126	.053
533	1425	100	0	2.2052	.000v	.113	.052
534	1450	100	0	2.2051	.000v	.107	.050
535	1475	100	0	2.2049	.000v	.104	.049
536	1500	100	0	2.2047	.000v	.103	.048
537	1525	100	0	2.2046	.000v	.101	.046
538	1550	100	0	2.2044	.000v	.100	.045
539	1575	100	0	2.2042	.000v	.097	.044
540	1600	100	0	2.2040	.000v	.094	.043
541	1625	100	0	2.2038	.000v	.089	.042
542	1650	100	0	2.2037	.000v	.086	.038
543	1675	100	0	2.2035	.000v	.081	.037
544	1700	100	0	2.2033	.000v	.077	.037
545	1725	100	0	2.2032	.000v	.074	.035
546	1750	100	0	2.2030	.000v	.073	.034

547	1775	100	0	2.2029	.000v	.071	.034
548	1800	100	0	2.2027	.000v	.071	.033
549	1825	100	0	2.2024	.000v	.069	.033
550	1850	100	0	2.2021	.000v	.068	.032
551	1875	100	0	2.2016	.000v	.066	.032
552	1900	100	0	2.2012	.000v	.066	.031
553	1925	100	0	2.2010	.000v	.065	.029
554	-25	125	0	2.2003	.000v	.011	.005
555	0	125	0	2.2003	.000v	.013	.007
556	25	125	0	2.2003	.000v	.018	.009
557	50	125	0	2.2004	.000v	.020	.011
558	75	125	0	2.2004	.000v	.022	.012
559	100	125	0	2.2005	.000v	.023	.016
560	125	125	0	2.2006	.000v	.024	.020
561	150	125	0	2.2006	.000v	.026	.024
562	175	125	0	2.2007	.000v	.028	.025
563	200	125	0	2.2008	.000v	.031	.024
564	225	125	0	2.2008	.000v	.033	.025
565	250	125	0	2.2009	.000v	.035	.026
566	275	125	0	2.2009	.000v	.037	.027
567	300	125	0	2.2010	.000v	.039	.027
568	325	125	0	2.2011	.000v	.041	.028
569	350	125	0	2.2011	.000v	.043	.027
570	375	125	0	2.2012	.000v	.044	.029
571	400	125	0	2.2012	.000v	.046	.030
572	425	125	0	2.2013	.000v	.048	.031
573	450	125	0	2.2014	.000v	.049	.030
574	475	125	0	2.2014	.000v	.050	.032
575	500	125	0	2.2015	.000v	.053	.032
576	525	125	0	2.2016	.000v	.055	.032
577	550	125	0	2.2016	.000v	.056	.033
578	575	125	0	2.2017	.000v	.059	.033
579	600	125	0	2.2018	.000v	.060	.035
580	625	125	0	2.2019	.000v	.063	.035
581	650	125	0	2.2020	.000v	.065	.037
582	675	125	0	2.2021	.000v	.069	.037
583	700	125	0	2.2022	.000v	.071	.038
584	725	125	0	2.2024	.000v	.074	.040
585	750	125	0	2.2025	.000v	.077	.040
586	775	125	0	2.2026	.000v	.082	.041
587	800	125	0	2.2028	.000v	.085	.042
588	825	125	0	2.2030	.000v	.088	.044
589	850	125	0	2.2032	.000v	.093	.046
590	875	125	0	2.2034	.000v	.100	.048
591	900	125	0	2.2036	.000v	.109	.052
592	925	125	0	2.2038	.000v	.115	.053
593	950	125	0	2.2041	.000v	.119	.056
594	975	125	0	2.2043	.000v	.125	.057
595	1000	125	0	2.2045	.000v	.133	.061
596	1025	125	0	2.2048	.000v	.137	.064
597	1050	125	0	2.2050	.000v	.139	.066
598	1075	125	0	2.2051	.000v	.144	.071
599	1100	125	0	2.2053	.000v	.154	.074
600	1125	125	0	2.2054	.000v	.158	.073
601	1150	125	0	2.2055	.000v	.155	.067
602	1175	125	0	2.2054	.000v	.150	.066
603	1200	125	0	2.2053	.000v	.141	.059
604	1225	125	0	2.2053	.000v	.129	.055
605	1250	125	0	2.2051	.000v	.115	.050
606	1275	125	0	2.2049	.000v	.103	.048
607	1300	125	0	2.2047	.000v	.094	.045
608	1325	125	0	2.2045	.000v	.092	.044
609	1350	125	0	2.2043	.000v	.089	.042
610	1375	125	0	2.2040	.000v	.087	.041
611	1400	125	0	2.2038	.000v	.083	.039
612	1425	125	0	2.2037	.000v	.080	.038
613	1450	125	0	2.2035	.000v	.075	.037
614	1475	125	0	2.2034	.000v	.071	.034
615	1500	125	0	2.2033	.000v	.068	.034
616	1525	125	0	2.2031	.000v	.065	.032
617	1550	125	0	2.2030	.000v	.065	.032
618	1575	125	0	2.2029	.000v	.065	.032
619	1600	125	0	2.2027	.000v	.064	.031
620	1625	125	0	2.2026	.000v	.062	.030
621	1650	125	0	2.2025	.000v	.061	.030
622	1675	125	0	2.2024	.000v	.060	.030
623	1700	125	0	2.2023	.000v	.058	.029

624	1725	125	0	2.2022	.000v	.057	.028
625	1750	125	0	2.2021	.000v	.055	.027
626	1775	125	0	2.2020	.000v	.054	.027
627	1800	125	0	2.2018	.000v	.053	.026
628	1825	125	0	2.2016	.000v	.053	.026
629	1850	125	0	2.2014	.000v	.052	.025
630	1875	125	0	2.2012	.000v	.051	.025
631	1900	125	0	2.2009	.000v	.051	.024
632	1925	125	0	2.2008	.000v	.050	.023
633	-25	150	0	2.2003	.000v	.012	.006
634	0	150	0	2.2004	.000v	.013	.007
635	25	150	0	2.2004	.000v	.018	.010
636	50	150	0	2.2005	.000v	.021	.013
637	75	150	0	2.2005	.000v	.022	.015
638	100	150	0	2.2006	.000v	.024	.018
639	125	150	0	2.2007	.000v	.027	.024
640	150	150	0	2.2008	.000v	.029	.026
641	175	150	0	2.2009	.000v	.032	.027
642	200	150	0	2.2010	.000v	.035	.027
643	225	150	0	2.2011	.000v	.039	.029
644	250	150	0	2.2012	.000v	.042	.030
645	275	150	0	2.2013	.000v	.044	.030
646	300	150	0	2.2014	.000v	.047	.031
647	325	150	0	2.2015	.000v	.050	.031
648	350	150	0	2.2015	.000v	.052	.032
649	375	150	0	2.2016	.000v	.055	.033
650	400	150	0	2.2017	.000v	.056	.034
651	425	150	0	2.2018	.000v	.060	.035
652	450	150	0	2.2019	.000v	.062	.036
653	475	150	0	2.2020	.000v	.064	.036
654	500	150	0	2.2021	.000v	.068	.037
655	525	150	0	2.2022	.000v	.070	.038
656	550	150	0	2.2024	.000v	.073	.040
657	575	150	0	2.2026	.000v	.079	.040
658	600	150	0	2.2027	.000v	.082	.041
659	625	150	0	2.2029	.000v	.087	.043
660	650	150	0	2.2030	.000v	.091	.045
661	675	150	0	2.2032	.000v	.097	.047
662	700	150	0	2.2034	.000v	.102	.050
663	725	150	0	2.2037	.000v	.112	.053
664	750	150	0	2.2039	.000v	.122	.057
665	775	150	0	2.2041	.000v	.127	.057
666	800	150	0	2.2043	.000v	.133	.060
667	825	150	0	2.2046	.000v	.139	.061
668	850	150	0	2.2048	.000v	.141	.059
669	875	150	0	2.2049	.000v	.137	.062
670	900	150	0	2.2050	.000v	.134	.064
671	925	150	0	2.2053	.000v	.131	.063
672	950	150	0	2.2053	.000v	.132	.063
673	975	150	0	2.2052	.000v	.131	.062
674	1000	150	0	2.2051	.000v	.131	.058
675	1025	150	0	2.2051	.000v	.126	.056
676	1050	150	0	2.2050	.000v	.122	.052
677	1075	150	0	2.2049	.000v	.112	.049
678	1100	150	0	2.2047	.000v	.103	.045
679	1125	150	0	2.2045	.000v	.092	.042
680	1150	150	0	2.2043	.000v	.086	.042
681	1175	150	0	2.2041	.000v	.083	.040
682	1200	150	0	2.2039	.000v	.081	.038
683	1225	150	0	2.2037	.000v	.078	.038
684	1250	150	0	2.2035	.000v	.076	.035
685	1275	150	0	2.2034	.000v	.073	.034
686	1300	150	0	2.2032	.000v	.069	.034
687	1325	150	0	2.2031	.000v	.066	.032
688	1350	150	0	2.2029	.000v	.063	.031
689	1375	150	0	2.2028	.000v	.061	.030
690	1400	150	0	2.2027	.000v	.058	.029
691	1425	150	0	2.2026	.000v	.058	.029
692	1450	150	0	2.2025	.000v	.056	.028
693	1475	150	0	2.2024	.000v	.055	.027
694	1500	150	0	2.2023	.000v	.053	.026
695	1525	150	0	2.2023	.000v	.052	.026
696	1550	150	0	2.2022	.000v	.051	.025
697	1575	150	0	2.2021	.000v	.050	.025
698	1600	150	0	2.2020	.000v	.049	.024
699	1625	150	0	2.2019	.000v	.049	.024
700	1650	150	0	2.2019	.000v	.049	.024

701	1675	150	0	2.2018	.000v	.048	.023
702	1700	150	0	2.2017	.000v	.047	.023
703	1725	150	0	2.2016	.000v	.047	.023
704	1750	150	0	2.2015	.000v	.046	.022
705	1775	150	0	2.2014	.000v	.045	.022
706	1800	150	0	2.2013	.000v	.044	.022
707	1825	150	0	2.2012	.000v	.044	.022
708	1850	150	0	2.2011	.000v	.043	.020
709	1875	150	0	2.2009	.000v	.042	.020
710	1900	150	0	2.2008	.000v	.042	.019
711	1925	150	0	2.2006	.000v	.042	.018
712	-25	175	0	2.2004	.000v	.014	.007
713	0	175	0	2.2004	.000v	.015	.008
714	25	175	0	2.2005	.000v	.019	.011
715	50	175	0	2.2006	.000v	.023	.014
716	75	175	0	2.2007	.000v	.024	.018
717	100	175	0	2.2008	.000v	.026	.022
718	125	175	0	2.2009	.000v	.029	.026
719	150	175	0	2.2011	.000v	.033	.029
720	175	175	0	2.2013	.000v	.039	.031
721	200	175	0	2.2014	.000v	.043	.032
722	225	175	0	2.2016	.000v	.049	.032
723	250	175	0	2.2017	.000v	.054	.033
724	275	175	0	2.2019	.000v	.056	.035
725	300	175	0	2.2020	.000v	.060	.037
726	325	175	0	2.2022	.000v	.065	.037
727	350	175	0	2.2023	.000v	.068	.039
728	375	175	0	2.2025	.000v	.073	.039
729	400	175	0	2.2026	.000v	.076	.040
730	425	175	0	2.2028	.000v	.080	.042
731	450	175	0	2.2030	.000v	.086	.043
732	475	175	0	2.2032	.000v	.090	.045
733	500	175	0	2.2033	.000v	.095	.047
734	525	175	0	2.2035	.000v	.104	.050
735	550	175	0	2.2038	.000v	.113	.052
736	575	175	0	2.2040	.000v	.118	.056
737	600	175	0	2.2041	.000v	.128	.058
738	625	175	0	2.2044	.000v	.140	.062
739	650	175	0	2.2046	.000v	.149	.064
740	675	175	0	2.2048	.000v	.151	.065
741	700	175	0	2.2049	.000v	.149	.061
742	725	175	0	2.2051	.000v	.143	.058
743	750	175	0	2.2052	.000v	.135	.060
744	775	175	0	2.2052	.000v	.126	.060
745	800	175	0	2.2051	.000v	.118	.055
746	825	175	0	2.2050	.000v	.114	.053
747	850	175	0	2.2049	.000v	.113	.053
748	875	175	0	2.2047	.000v	.110	.050
749	900	175	0	2.2046	.000v	.103	.046
750	925	175	0	2.2044	.000v	.098	.043
751	950	175	0	2.2043	.000v	.092	.041
752	975	175	0	2.2041	.000v	.084	.040
753	1000	175	0	2.2039	.000v	.078	.037
754	1025	175	0	2.2037	.000v	.075	.036
755	1050	175	0	2.2035	.000v	.073	.035
756	1075	175	0	2.2034	.000v	.072	.034
757	1100	175	0	2.2032	.000v	.069	.033
758	1125	175	0	2.2031	.000v	.067	.032
759	1150	175	0	2.2030	.000v	.065	.031
760	1175	175	0	2.2029	.000v	.063	.031
761	1200	175	0	2.2027	.000v	.060	.029
762	1225	175	0	2.2026	.000v	.059	.029
763	1250	175	0	2.2025	.000v	.057	.028
764	1275	175	0	2.2024	.000v	.056	.028
765	1300	175	0	2.2024	.000v	.055	.027
766	1325	175	0	2.2023	.000v	.054	.027
767	1350	175	0	2.2022	.000v	.051	.025
768	1375	175	0	2.2021	.000v	.050	.025
769	1400	175	0	2.2021	.000v	.049	.024
770	1425	175	0	2.2020	.000v	.048	.024
771	1450	175	0	2.2019	.000v	.047	.023
772	1475	175	0	2.2019	.000v	.045	.023
773	1500	175	0	2.2018	.000v	.045	.022
774	1525	175	0	2.2018	.000v	.044	.022
775	1550	175	0	2.2017	.000v	.043	.021
776	1575	175	0	2.2016	.000v	.042	.020
777	1600	175	0	2.2016	.000v	.041	.020

778	1625	175	0	2.2015	.000v	.040	.020
779	1650	175	0	2.2015	.000v	.041	.019
780	1675	175	0	2.2014	.000v	.040	.019
781	1700	175	0	2.2013	.000v	.040	.019
782	1725	175	0	2.2013	.000v	.039	.018
783	1750	175	0	2.2012	.000v	.039	.018
784	1775	175	0	2.2011	.000v	.039	.018
785	1800	175	0	2.2010	.000v	.038	.018
786	1825	175	0	2.2009	.000v	.037	.017
787	1850	175	0	2.2008	.000v	.037	.016
788	1875	175	0	2.2007	.000v	.037	.016
789	1900	175	0	2.2006	.000v	.036	.016
790	1925	175	0	2.2005	.000v	.036	.015
791	-25	200	0	2.2004	.000v	.016	.008
792	0	200	0	2.2005	.000v	.018	.009
793	25	200	0	2.2006	.000v	.019	.013
794	50	200	0	2.2008	.000v	.024	.017
795	75	200	0	2.2009	.000v	.026	.022
796	100	200	0	2.2011	.000v	.029	.027
797	125	200	0	2.2014	.000v	.034	.030
798	150	200	0	2.2016	.000v	.041	.033
799	175	200	0	2.2019	.000v	.050	.036
800	200	200	0	2.2022	.000v	.058	.037
801	225	200	0	2.2025	.000v	.068	.037
802	250	200	0	2.2027	.000v	.073	.039
803	275	200	0	2.2030	.000v	.078	.040
804	300	200	0	2.2032	.000v	.086	.043
805	325	200	0	2.2034	.000v	.092	.046
806	350	200	0	2.2037	.000v	.101	.050
807	375	200	0	2.2039	.000v	.110	.053
808	400	200	0	2.2041	.000v	.116	.055
809	425	200	0	2.2044	.000v	.119	.058
810	450	200	0	2.2045	.000v	.122	.061
811	475	200	0	2.2048	.000v	.148	.071
812	500	200	0	2.2049	.000v	.159	.073
813	525	200	0	2.2050	.000v	.157	.070
814	550	200	0	2.2051	.000v	.148	.062
815	575	200	0	2.2052	.000v	.140	.062
816	600	200	0	2.2052	.000v	.130	.055
817	625	200	0	2.2051	.000v	.117	.052
818	650	200	0	2.2050	.000v	.106	.050
819	675	200	0	2.2048	.000v	.099	.047
820	700	200	0	2.2047	.000v	.098	.045
821	725	200	0	2.2045	.000v	.096	.044
822	750	200	0	2.2043	.000v	.093	.043
823	775	200	0	2.2040	.000v	.089	.041
824	800	200	0	2.2039	.000v	.085	.039
825	825	200	0	2.2037	.000v	.078	.038
826	850	200	0	2.2035	.000v	.074	.036
827	875	200	0	2.2034	.000v	.070	.034
828	900	200	0	2.2032	.000v	.068	.033
829	925	200	0	2.2031	.000v	.065	.031
830	950	200	0	2.2029	.000v	.065	.031
831	975	200	0	2.2028	.000v	.062	.030
832	1000	200	0	2.2027	.000v	.060	.030
833	1025	200	0	2.2026	.000v	.058	.028
834	1050	200	0	2.2025	.000v	.055	.027
835	1075	200	0	2.2024	.000v	.053	.026
836	1100	200	0	2.2024	.000v	.053	.026
837	1125	200	0	2.2023	.000v	.052	.026
838	1150	200	0	2.2022	.000v	.050	.025
839	1175	200	0	2.2022	.000v	.049	.024
840	1200	200	0	2.2021	.000v	.048	.024
841	1225	200	0	2.2020	.000v	.047	.023
842	1250	200	0	2.2020	.000v	.045	.022
843	1275	200	0	2.2019	.000v	.045	.022
844	1300	200	0	2.2019	.000v	.044	.022
845	1325	200	0	2.2018	.000v	.043	.022
846	1350	200	0	2.2017	.000v	.042	.021
847	1375	200	0	2.2017	.000v	.042	.021
848	1400	200	0	2.2016	.000v	.041	.020
849	1425	200	0	2.2016	.000v	.041	.020
850	1450	200	0	2.2015	.000v	.039	.019
851	1475	200	0	2.2015	.000v	.038	.018
852	1500	200	0	2.2015	.000v	.039	.018
853	1525	200	0	2.2014	.000v	.038	.018
854	1550	200	0	2.2014	.000v	.037	.017

855	1575	200	0	2.2013	.000v	.036	.017
856	1600	200	0	2.2013	.000v	.036	.017
857	1625	200	0	2.2012	.000v	.036	.016
858	1650	200	0	2.2012	.000v	.035	.016
859	1675	200	0	2.2011	.000v	.035	.016
860	1700	200	0	2.2011	.000v	.034	.015
861	1725	200	0	2.2010	.000v	.035	.015
862	1750	200	0	2.2010	.000v	.034	.014
863	1775	200	0	2.2009	.000v	.033	.014
864	1800	200	0	2.2008	.000v	.033	.014
865	1825	200	0	2.2008	.000v	.033	.014
866	1850	200	0	2.2007	.000v	.032	.014
867	1875	200	0	2.2006	.000v	.032	.013
868	1900	200	0	2.2005	.000v	.032	.013
869	1925	200	0	2.2005	.000v	.032	.012
870	-25	225	0	2.2005	.000v	.019	.010
871	0	225	0	2.2006	.000v	.021	.012
872	25	225	0	2.2008	.000v	.024	.015
873	50	225	0	2.2010	.000v	.027	.021
874	75	225	0	2.2013	.000v	.031	.027
875	100	225	0	2.2017	.000v	.035	.031
876	125	225	0	2.2022	.000v	.045	.038
877	150	225	0	2.2027	.000v	.056	.043
878	175	225	0	2.2032	.000v	.070	.048
879	200	225	0	2.2036	.000v	.083	.052
880	225	225	0	2.2039	.000v	.099	.053
881	250	225	0	2.2043	.000v	.109	.056
882	275	225	0	2.2046	.000v	.115	.057
883	300	225	0	2.2048	.000v	.115	.055
884	325	225	0	2.2049	.000v	.114	.054
885	350	225	0	2.2051	.000v	.110	.055
886	375	225	0	2.2051	.000v	.106	.055
887	400	225	0	2.2050	.000v	.102	.055
888	425	225	0	2.2050	.000v	.100	.050
889	450	225	0	2.2050	.000v	.099	.049
890	475	225	0	2.2049	.000v	.101	.046
891	500	225	0	2.2047	.000v	.091	.043
892	525	225	0	2.2045	.000v	.085	.041
893	550	225	0	2.2043	.000v	.082	.040
894	575	225	0	2.2041	.000v	.082	.039
895	600	225	0	2.2039	.000v	.078	.037
896	625	225	0	2.2037	.000v	.077	.036
897	650	225	0	2.2035	.000v	.074	.035
898	675	225	0	2.2034	.000v	.071	.035
899	700	225	0	2.2032	.000v	.067	.033
900	725	225	0	2.2031	.000v	.064	.032
901	750	225	0	2.2030	.000v	.064	.031
902	775	225	0	2.2028	.000v	.063	.030
903	800	225	0	2.2027	.000v	.062	.030
904	825	225	0	2.2026	.000v	.059	.029
905	850	225	0	2.2025	.000v	.058	.028
906	875	225	0	2.2024	.000v	.056	.028
907	900	225	0	2.2024	.000v	.054	.027
908	925	225	0	2.2023	.000v	.052	.026
909	950	225	0	2.2022	.000v	.050	.025
910	975	225	0	2.2021	.000v	.049	.024
911	1000	225	0	2.2021	.000v	.048	.024
912	1025	225	0	2.2020	.000v	.047	.023
913	1050	225	0	2.2020	.000v	.045	.022
914	1075	225	0	2.2019	.000v	.044	.022
915	1100	225	0	2.2019	.000v	.043	.021
916	1125	225	0	2.2018	.000v	.042	.021
917	1150	225	0	2.2018	.000v	.041	.021
918	1175	225	0	2.2017	.000v	.041	.020
919	1200	225	0	2.2017	.000v	.040	.020
920	1225	225	0	2.2016	.000v	.039	.019
921	1250	225	0	2.2016	.000v	.039	.019
922	1275	225	0	2.2016	.000v	.038	.018
923	1300	225	0	2.2015	.000v	.038	.018
924	1325	225	0	2.2015	.000v	.036	.017
925	1350	225	0	2.2014	.000v	.037	.017
926	1375	225	0	2.2014	.000v	.036	.017
927	1400	225	0	2.2014	.000v	.035	.016
928	1425	225	0	2.2013	.000v	.035	.016
929	1450	225	0	2.2013	.000v	.034	.015
930	1475	225	0	2.2013	.000v	.034	.015
931	1500	225	0	2.2012	.000v	.034	.015

932	1525	225	0	2.2012	.000v	.033	.015
933	1550	225	0	2.2011	.000v	.033	.014
934	1575	225	0	2.2011	.000v	.032	.014
935	1600	225	0	2.2011	.000v	.032	.014
936	1625	225	0	2.2010	.000v	.031	.014
937	1650	225	0	2.2010	.000v	.031	.013
938	1675	225	0	2.2009	.000v	.031	.013
939	1700	225	0	2.2009	.000v	.030	.013
940	1725	225	0	2.2009	.000v	.030	.013
941	1750	225	0	2.2008	.000v	.031	.012
942	1775	225	0	2.2008	.000v	.030	.012
943	1800	225	0	2.2007	.000v	.030	.012
944	1825	225	0	2.2006	.000v	.029	.012
945	1850	225	0	2.2006	.000v	.029	.011
946	1875	225	0	2.2005	.000v	.029	.011
947	1900	225	0	2.2005	.000v	.028	.011
948	1925	225	0	2.2004	.000v	.028	.011
949	-25	250	0	2.2006	.000v	.023	.012
950	0	250	0	2.2008	.000v	.027	.016
951	25	250	0	2.2011	.000v	.031	.019
952	50	250	0	2.2015	.000v	.037	.025
953	75	250	0	2.2021	.000v	.044	.030
954	100	250	0	2.2029	.000v	.056	.038
955	125	250	0	2.2036	.000v	.064	.047
956	150	250	0	2.2043	.000v	.074	.051
957	175	250	0	2.2049	.000v	.085	.052
958	200	250	0	2.2051	.000v	.092	.053
959	225	250	0	2.2051	.000v	.086	.051
960	250	250	0	2.2051	.000v	.079	.048
961	275	250	0	2.2049	.000v	.071	.049
962	300	250	0	2.2047	.000v	.071	.046
963	325	250	0	2.2046	.000v	.074	.042
964	350	250	0	2.2044	.000v	.075	.039
965	375	250	0	2.2042	.000v	.074	.036
966	400	250	0	2.2039	.000v	.073	.036
967	425	250	0	2.2037	.000v	.070	.034
968	450	250	0	2.2035	.000v	.067	.032
969	475	250	0	2.2033	.000v	.064	.032
970	500	250	0	2.2032	.000v	.064	.031
971	525	250	0	2.2031	.000v	.061	.030
972	550	250	0	2.2029	.000v	.058	.029
973	575	250	0	2.2028	.000v	.058	.029
974	600	250	0	2.2027	.000v	.056	.028
975	625	250	0	2.2026	.000v	.057	.028
976	650	250	0	2.2025	.000v	.055	.027
977	675	250	0	2.2024	.000v	.055	.027
978	700	250	0	2.2024	.000v	.052	.026
979	725	250	0	2.2023	.000v	.052	.026
980	750	250	0	2.2022	.000v	.051	.025
981	775	250	0	2.2021	.000v	.050	.024
982	800	250	0	2.2021	.000v	.048	.023
983	825	250	0	2.2020	.000v	.048	.024
984	850	250	0	2.2020	.000v	.047	.023
985	875	250	0	2.2019	.000v	.045	.022
986	900	250	0	2.2019	.000v	.044	.022
987	925	250	0	2.2018	.000v	.043	.021
988	950	250	0	2.2018	.000v	.042	.021
989	975	250	0	2.2017	.000v	.041	.020
990	1000	250	0	2.2017	.000v	.041	.020
991	1025	250	0	2.2016	.000v	.040	.020
992	1050	250	0	2.2016	.000v	.039	.019
993	1075	250	0	2.2016	.000v	.038	.018
994	1100	250	0	2.2015	.000v	.037	.018
995	1125	250	0	2.2015	.000v	.037	.017
996	1150	250	0	2.2015	.000v	.036	.017
997	1175	250	0	2.2014	.000v	.035	.016
998	1200	250	0	2.2014	.000v	.034	.016
999	1225	250	0	2.2014	.000v	.034	.016
1000	1250	250	0	2.2013	.000v	.034	.015
1001	1275	250	0	2.2013	.000v	.033	.015
1002	1300	250	0	2.2013	.000v	.032	.015
1003	1325	250	0	2.2012	.000v	.033	.014
1004	1350	250	0	2.2012	.000v	.032	.014
1005	1375	250	0	2.2012	.000v	.031	.013
1006	1400	250	0	2.2012	.000v	.031	.014
1007	1425	250	0	2.2011	.000v	.031	.013
1008	1450	250	0	2.2011	.000v	.030	.013

1009	1475	250	0	2.2011	.000v	.030	.013
1010	1500	250	0	2.2010	.000v	.030	.012
1011	1525	250	0	2.2010	.000v	.029	.012
1012	1550	250	0	2.2010	.000v	.029	.012
1013	1575	250	0	2.2009	.000v	.029	.012
1014	1600	250	0	2.2009	.000v	.029	.012
1015	1625	250	0	2.2009	.000v	.028	.012
1016	1650	250	0	2.2008	.000v	.028	.011
1017	1675	250	0	2.2008	.000v	.028	.011
1018	1700	250	0	2.2008	.000v	.027	.011
1019	1725	250	0	2.2007	.000v	.027	.011
1020	1750	250	0	2.2007	.000v	.027	.010
1021	1775	250	0	2.2006	.000v	.027	.010
1022	1800	250	0	2.2006	.000v	.027	.010
1023	1825	250	0	2.2005	.000v	.027	.010
1024	1850	250	0	2.2005	.000v	.026	.010
1025	1875	250	0	2.2005	.000v	.026	.010
1026	1900	250	0	2.2004	.000v	.026	.010
1027	1925	250	0	2.2004	.000v	.026	.009
1028	-25	275	0	2.2008	.000v	.028	.015
1029	0	275	0	2.2011	.000v	.035	.021
1030	25	275	0	2.2016	.000v	.043	.027
1031	50	275	0	2.2024	.000v	.057	.036
1032	75	275	0	2.2034	.000v	.066	.042
1033	100	275	0	2.2042	.000v	.062	.041
1034	125	275	0	2.2047	.000v	.061	.049
1035	150	275	0	2.2047	.000v	.064	.043
1036	175	275	0	2.2044	.000v	.055	.039
1037	200	275	0	2.2041	.000v	.048	.037
1038	225	275	0	2.2038	.000v	.049	.034
1039	250	275	0	2.2036	.000v	.050	.031
1040	275	275	0	2.2034	.000v	.050	.030
1041	300	275	0	2.2033	.000v	.048	.028
1042	325	275	0	2.2031	.000v	.049	.027
1043	350	275	0	2.2030	.000v	.048	.025
1044	375	275	0	2.2028	.000v	.050	.025
1045	400	275	0	2.2027	.000v	.049	.024
1046	425	275	0	2.2026	.000v	.050	.025
1047	450	275	0	2.2025	.000v	.049	.025
1048	475	275	0	2.2024	.000v	.049	.024
1049	500	275	0	2.2023	.000v	.048	.024
1050	525	275	0	2.2022	.000v	.047	.023
1051	550	275	0	2.2022	.000v	.046	.023
1052	575	275	0	2.2021	.000v	.046	.023
1053	600	275	0	2.2021	.000v	.045	.022
1054	625	275	0	2.2020	.000v	.045	.022
1055	650	275	0	2.2019	.000v	.044	.022
1056	675	275	0	2.2019	.000v	.043	.021
1057	700	275	0	2.2019	.000v	.044	.022
1058	725	275	0	2.2018	.000v	.043	.021
1059	750	275	0	2.2018	.000v	.042	.021
1060	775	275	0	2.2017	.000v	.041	.020
1061	800	275	0	2.2017	.000v	.040	.020
1062	825	275	0	2.2016	.000v	.039	.019
1063	850	275	0	2.2016	.000v	.039	.019
1064	875	275	0	2.2016	.000v	.038	.019
1065	900	275	0	2.2015	.000v	.037	.018
1066	925	275	0	2.2015	.000v	.036	.018
1067	950	275	0	2.2015	.000v	.036	.017
1068	975	275	0	2.2014	.000v	.035	.017
1069	1000	275	0	2.2014	.000v	.035	.016
1070	1025	275	0	2.2014	.000v	.034	.016
1071	1050	275	0	2.2013	.000v	.034	.016
1072	1075	275	0	2.2013	.000v	.033	.015
1073	1100	275	0	2.2013	.000v	.032	.014
1074	1125	275	0	2.2013	.000v	.032	.014
1075	1150	275	0	2.2012	.000v	.031	.014
1076	1175	275	0	2.2012	.000v	.031	.014
1077	1200	275	0	2.2012	.000v	.030	.013
1078	1225	275	0	2.2012	.000v	.030	.013
1079	1250	275	0	2.2011	.000v	.030	.013
1080	1275	275	0	2.2011	.000v	.030	.013
1081	1300	275	0	2.2011	.000v	.029	.012
1082	1325	275	0	2.2011	.000v	.029	.012
1083	1350	275	0	2.2010	.000v	.029	.012
1084	1375	275	0	2.2010	.000v	.028	.012
1085	1400	275	0	2.2010	.000v	.028	.012

1086	1425	275	0	2.2010	.000v	.028	.011
1087	1450	275	0	2.2009	.000v	.027	.011
1088	1475	275	0	2.2009	.000v	.027	.011
1089	1500	275	0	2.2009	.000v	.027	.011
1090	1525	275	0	2.2009	.000v	.026	.011
1091	1550	275	0	2.2008	.000v	.026	.011
1092	1575	275	0	2.2008	.000v	.026	.011
1093	1600	275	0	2.2008	.000v	.026	.011
1094	1625	275	0	2.2007	.000v	.026	.010
1095	1650	275	0	2.2007	.000v	.026	.010
1096	1675	275	0	2.2007	.000v	.025	.010
1097	1700	275	0	2.2007	.000v	.025	.009
1098	1725	275	0	2.2006	.000v	.025	.009
1099	1750	275	0	2.2006	.000v	.025	.009
1100	1775	275	0	2.2005	.000v	.025	.009
1101	1800	275	0	2.2005	.000v	.025	.009
1102	1825	275	0	2.2005	.000v	.024	.009
1103	1850	275	0	2.2004	.000v	.024	.009
1104	1875	275	0	2.2004	.000v	.024	.009
1105	1900	275	0	2.2004	.000v	.024	.009
1106	1925	275	0	2.2003	.000v	.024	.008
1107	-25	300	0	2.2009	.000v	.032	.016
1108	0	300	0	2.2013	.000v	.045	.026
1109	25	300	0	2.2021	.000v	.060	.039
1110	50	300	0	2.2031	.000v	.055	.039
1111	75	300	0	2.2037	.000v	.047	.033
1112	100	300	0	2.2038	.000v	.040	.034
1113	125	300	0	2.2035	.000v	.036	.031
1114	150	300	0	2.2032	.000v	.036	.028
1115	175	300	0	2.2029	.000v	.038	.026
1116	200	300	0	2.2027	.000v	.037	.024
1117	225	300	0	2.2026	.000v	.036	.023
1118	250	300	0	2.2025	.000v	.035	.022
1119	275	300	0	2.2024	.000v	.037	.021
1120	300	300	0	2.2023	.000v	.038	.020
1121	325	300	0	2.2022	.000v	.039	.019
1122	350	300	0	2.2022	.000v	.038	.018
1123	375	300	0	2.2021	.000v	.038	.018
1124	400	300	0	2.2020	.000v	.039	.019
1125	425	300	0	2.2020	.000v	.040	.018
1126	450	300	0	2.2019	.000v	.039	.018
1127	475	300	0	2.2018	.000v	.039	.019
1128	500	300	0	2.2018	.000v	.039	.018
1129	525	300	0	2.2018	.000v	.039	.018
1130	550	300	0	2.2017	.000v	.039	.018
1131	575	300	0	2.2017	.000v	.038	.018
1132	600	300	0	2.2016	.000v	.038	.018
1133	625	300	0	2.2016	.000v	.038	.018
1134	650	300	0	2.2016	.000v	.037	.018
1135	675	300	0	2.2015	.000v	.036	.017
1136	700	300	0	2.2015	.000v	.037	.018
1137	725	300	0	2.2015	.000v	.037	.018
1138	750	300	0	2.2015	.000v	.036	.017
1139	775	300	0	2.2014	.000v	.035	.016
1140	800	300	0	2.2014	.000v	.035	.016
1141	825	300	0	2.2014	.000v	.035	.016
1142	850	300	0	2.2013	.000v	.034	.016
1143	875	300	0	2.2013	.000v	.033	.015
1144	900	300	0	2.2013	.000v	.032	.015
1145	925	300	0	2.2013	.000v	.032	.014
1146	950	300	0	2.2012	.000v	.032	.014
1147	975	300	0	2.2012	.000v	.031	.014
1148	1000	300	0	2.2012	.000v	.031	.013
1149	1025	300	0	2.2012	.000v	.030	.013
1150	1050	300	0	2.2011	.000v	.030	.013
1151	1075	300	0	2.2011	.000v	.029	.012
1152	1100	300	0	2.2011	.000v	.029	.012
1153	1125	300	0	2.2011	.000v	.029	.012
1154	1150	300	0	2.2011	.000v	.028	.012
1155	1175	300	0	2.2011	.000v	.028	.012
1156	1200	300	0	2.2010	.000v	.028	.012
1157	1225	300	0	2.2010	.000v	.027	.011
1158	1250	300	0	2.2010	.000v	.027	.011
1159	1275	300	0	2.2010	.000v	.027	.011
1160	1300	300	0	2.2010	.000v	.026	.010
1161	1325	300	0	2.2009	.000v	.026	.010
1162	1350	300	0	2.2009	.000v	.026	.010

1163	1375	300	0	2.2009	.000v	.026	.010
1164	1400	300	0	2.2009	.000v	.025	.010
1165	1425	300	0	2.2008	.000v	.025	.010
1166	1450	300	0	2.2008	.000v	.025	.010
1167	1475	300	0	2.2008	.000v	.025	.010
1168	1500	300	0	2.2008	.000v	.025	.010
1169	1525	300	0	2.2008	.000v	.024	.010
1170	1550	300	0	2.2007	.000v	.024	.010
1171	1575	300	0	2.2007	.000v	.024	.009
1172	1600	300	0	2.2007	.000v	.024	.009
1173	1625	300	0	2.2007	.000v	.024	.009
1174	1650	300	0	2.2006	.000v	.023	.009
1175	1675	300	0	2.2006	.000v	.023	.009
1176	1700	300	0	2.2006	.000v	.023	.009
1177	1725	300	0	2.2005	.000v	.023	.008
1178	1750	300	0	2.2005	.000v	.023	.008
1179	1775	300	0	2.2005	.000v	.022	.008
1180	1800	300	0	2.2005	.000v	.023	.008
1181	1825	300	0	2.2004	.000v	.023	.008
1182	1850	300	0	2.2004	.000v	.023	.008
1183	1875	300	0	2.2004	.000v	.022	.007
1184	1900	300	0	2.2003	.000v	.022	.007
1185	1925	300	0	2.2003	.000v	.022	.007
1186	-25	325	0	2.2009	.000v	.030	.016
1187	0	325	0	2.2013	.000v	.037	.022
1188	25	325	0	2.2019	.000v	.040	.027
1189	50	325	0	2.2024	.000v	.035	.030
1190	75	325	0	2.2025	.000v	.029	.027
1191	100	325	0	2.2024	.000v	.029	.024
1192	125	325	0	2.2023	.000v	.029	.021
1193	150	325	0	2.2021	.000v	.029	.019
1194	175	325	0	2.2020	.000v	.029	.019
1195	200	325	0	2.2020	.000v	.029	.018
1196	225	325	0	2.2019	.000v	.030	.017
1197	250	325	0	2.2018	.000v	.029	.017
1198	275	325	0	2.2018	.000v	.029	.016
1199	300	325	0	2.2018	.000v	.031	.016
1200	325	325	0	2.2017	.000v	.031	.015
1201	350	325	0	2.2017	.000v	.031	.015
1202	375	325	0	2.2016	.000v	.033	.015
1203	400	325	0	2.2016	.000v	.033	.014
1204	425	325	0	2.2016	.000v	.033	.015
1205	450	325	0	2.2015	.000v	.033	.014
1206	475	325	0	2.2015	.000v	.034	.014
1207	500	325	0	2.2015	.000v	.033	.015
1208	525	325	0	2.2014	.000v	.033	.014
1209	550	325	0	2.2014	.000v	.033	.015
1210	575	325	0	2.2014	.000v	.033	.015
1211	600	325	0	2.2014	.000v	.033	.015
1212	625	325	0	2.2013	.000v	.033	.015
1213	650	325	0	2.2013	.000v	.032	.015
1214	675	325	0	2.2013	.000v	.032	.015
1215	700	325	0	2.2013	.000v	.032	.015
1216	725	325	0	2.2013	.000v	.032	.014
1217	750	325	0	2.2012	.000v	.032	.014
1218	775	325	0	2.2012	.000v	.031	.014
1219	800	325	0	2.2012	.000v	.031	.013
1220	825	325	0	2.2012	.000v	.030	.013
1221	850	325	0	2.2011	.000v	.030	.013
1222	875	325	0	2.2011	.000v	.030	.013
1223	900	325	0	2.2011	.000v	.029	.012
1224	925	325	0	2.2011	.000v	.028	.013
1225	950	325	0	2.2011	.000v	.028	.011
1226	975	325	0	2.2010	.000v	.028	.012
1227	1000	325	0	2.2010	.000v	.027	.011
1228	1025	325	0	2.2010	.000v	.027	.011
1229	1050	325	0	2.2010	.000v	.027	.011
1230	1075	325	0	2.2010	.000v	.026	.011
1231	1100	325	0	2.2010	.000v	.026	.011
1232	1125	325	0	2.2009	.000v	.026	.010
1233	1150	325	0	2.2009	.000v	.026	.010
1234	1175	325	0	2.2009	.000v	.025	.010
1235	1200	325	0	2.2009	.000v	.025	.010
1236	1225	325	0	2.2009	.000v	.024	.010
1237	1250	325	0	2.2009	.000v	.024	.010
1238	1275	325	0	2.2009	.000v	.024	.009
1239	1300	325	0	2.2008	.000v	.024	.009

1240	1325	325	0	2.2008	.000v	.024	.009
1241	1350	325	0	2.2008	.000v	.024	.009
1242	1375	325	0	2.2008	.000v	.023	.009
1243	1400	325	0	2.2008	.000v	.023	.009
1244	1425	325	0	2.2007	.000v	.023	.009
1245	1450	325	0	2.2007	.000v	.023	.009
1246	1475	325	0	2.2007	.000v	.023	.009
1247	1500	325	0	2.2007	.000v	.022	.008
1248	1525	325	0	2.2007	.000v	.022	.008
1249	1550	325	0	2.2006	.000v	.022	.008
1250	1575	325	0	2.2006	.000v	.022	.008
1251	1600	325	0	2.2006	.000v	.022	.007
1252	1625	325	0	2.2006	.000v	.022	.007
1253	1650	325	0	2.2006	.000v	.022	.007
1254	1675	325	0	2.2005	.000v	.022	.007
1255	1700	325	0	2.2005	.000v	.021	.007
1256	1725	325	0	2.2005	.000v	.021	.007
1257	1750	325	0	2.2005	.000v	.021	.007
1258	1775	325	0	2.2004	.000v	.021	.007
1259	1800	325	0	2.2004	.000v	.021	.007
1260	1825	325	0	2.2004	.000v	.021	.007
1261	1850	325	0	2.2003	.000v	.020	.007
1262	1875	325	0	2.2003	.000v	.021	.007
1263	1900	325	0	2.2003	.000v	.021	.007
1264	1925	325	0	2.2003	.000v	.020	.007
1265	-25	350	0	2.2008	.000v	.024	.013
1266	0	350	0	2.2011	.000v	.027	.016
1267	25	350	0	2.2014	.000v	.026	.019
1268	50	350	0	2.2016	.000v	.024	.020
1269	75	350	0	2.2016	.000v	.025	.020
1270	100	350	0	2.2016	.000v	.024	.018
1271	125	350	0	2.2016	.000v	.025	.017
1272	150	350	0	2.2016	.000v	.026	.016
1273	175	350	0	2.2015	.000v	.026	.015
1274	200	350	0	2.2015	.000v	.025	.014
1275	225	350	0	2.2015	.000v	.025	.014
1276	250	350	0	2.2014	.000v	.026	.014
1277	275	350	0	2.2014	.000v	.025	.013
1278	300	350	0	2.2014	.000v	.026	.013
1279	325	350	0	2.2014	.000v	.027	.013
1280	350	350	0	2.2014	.000v	.028	.012
1281	375	350	0	2.2013	.000v	.028	.012
1282	400	350	0	2.2013	.000v	.029	.012
1283	425	350	0	2.2013	.000v	.028	.012
1284	450	350	0	2.2013	.000v	.029	.012
1285	475	350	0	2.2012	.000v	.029	.012
1286	500	350	0	2.2012	.000v	.029	.012
1287	525	350	0	2.2012	.000v	.029	.012
1288	550	350	0	2.2012	.000v	.030	.012
1289	575	350	0	2.2012	.000v	.029	.012
1290	600	350	0	2.2012	.000v	.028	.012
1291	625	350	0	2.2011	.000v	.029	.012
1292	650	350	0	2.2011	.000v	.029	.012
1293	675	350	0	2.2011	.000v	.028	.013
1294	700	350	0	2.2011	.000v	.029	.013
1295	725	350	0	2.2011	.000v	.029	.013
1296	750	350	0	2.2011	.000v	.028	.012
1297	775	350	0	2.2010	.000v	.028	.012
1298	800	350	0	2.2010	.000v	.028	.011
1299	825	350	0	2.2010	.000v	.028	.011
1300	850	350	0	2.2010	.000v	.027	.011
1301	875	350	0	2.2010	.000v	.027	.011
1302	900	350	0	2.2010	.000v	.026	.011
1303	925	350	0	2.2009	.000v	.025	.010
1304	950	350	0	2.2009	.000v	.025	.010
1305	975	350	0	2.2009	.000v	.025	.010
1306	1000	350	0	2.2009	.000v	.025	.010
1307	1025	350	0	2.2009	.000v	.024	.010
1308	1050	350	0	2.2009	.000v	.024	.010
1309	1075	350	0	2.2009	.000v	.024	.010
1310	1100	350	0	2.2008	.000v	.024	.009
1311	1125	350	0	2.2008	.000v	.023	.009
1312	1150	350	0	2.2008	.000v	.023	.009
1313	1175	350	0	2.2008	.000v	.023	.009
1314	1200	350	0	2.2008	.000v	.022	.009
1315	1225	350	0	2.2008	.000v	.022	.009
1316	1250	350	0	2.2008	.000v	.023	.009

1317	1275	350	0	2.2008	.000v	.022	.009
1318	1300	350	0	2.2007	.000v	.022	.008
1319	1325	350	0	2.2007	.000v	.022	.008
1320	1350	350	0	2.2007	.000v	.022	.007
1321	1375	350	0	2.2007	.000v	.022	.007
1322	1400	350	0	2.2007	.000v	.022	.007
1323	1425	350	0	2.2007	.000v	.021	.007
1324	1450	350	0	2.2006	.000v	.021	.007
1325	1475	350	0	2.2006	.000v	.021	.007
1326	1500	350	0	2.2006	.000v	.021	.007
1327	1525	350	0	2.2006	.000v	.021	.007
1328	1550	350	0	2.2006	.000v	.020	.007
1329	1575	350	0	2.2006	.000v	.021	.007
1330	1600	350	0	2.2005	.000v	.020	.007
1331	1625	350	0	2.2005	.000v	.020	.007
1332	1650	350	0	2.2005	.000v	.020	.007
1333	1675	350	0	2.2005	.000v	.020	.006
1334	1700	350	0	2.2004	.000v	.020	.007
1335	1725	350	0	2.2004	.000v	.020	.007
1336	1750	350	0	2.2004	.000v	.020	.007
1337	1775	350	0	2.2004	.000v	.019	.006
1338	1800	350	0	2.2004	.000v	.020	.006
1339	1825	350	0	2.2003	.000v	.020	.006
1340	1850	350	0	2.2003	.000v	.020	.006
1341	1875	350	0	2.2003	.000v	.019	.006
1342	1900	350	0	2.2003	.000v	.020	.006
1343	1925	350	0	2.2002	.000v	.019	.006
1344	-25	375	0	2.2007	.000v	.019	.010
1345	0	375	0	2.2009	.000v	.020	.013
1346	25	375	0	2.2010	.000v	.019	.015
1347	50	375	0	2.2011	.000v	.018	.016
1348	75	375	0	2.2012	.000v	.019	.015
1349	100	375	0	2.2012	.000v	.023	.014
1350	125	375	0	2.2012	.000v	.023	.014
1351	150	375	0	2.2012	.000v	.023	.013
1352	175	375	0	2.2012	.000v	.023	.013
1353	200	375	0	2.2012	.000v	.023	.012
1354	225	375	0	2.2012	.000v	.023	.012
1355	250	375	0	2.2012	.000v	.023	.012
1356	275	375	0	2.2012	.000v	.023	.011
1357	300	375	0	2.2012	.000v	.024	.011
1358	325	375	0	2.2011	.000v	.023	.011
1359	350	375	0	2.2011	.000v	.025	.011
1360	375	375	0	2.2011	.000v	.024	.010
1361	400	375	0	2.2011	.000v	.024	.010
1362	425	375	0	2.2011	.000v	.025	.010
1363	450	375	0	2.2011	.000v	.026	.010
1364	475	375	0	2.2011	.000v	.025	.010
1365	500	375	0	2.2010	.000v	.026	.010
1366	525	375	0	2.2010	.000v	.026	.010
1367	550	375	0	2.2010	.000v	.026	.010
1368	575	375	0	2.2010	.000v	.026	.010
1369	600	375	0	2.2010	.000v	.026	.010
1370	625	375	0	2.2010	.000v	.026	.010
1371	650	375	0	2.2010	.000v	.026	.011
1372	675	375	0	2.2010	.000v	.026	.011
1373	700	375	0	2.2010	.000v	.026	.011
1374	725	375	0	2.2009	.000v	.026	.011
1375	750	375	0	2.2009	.000v	.025	.010
1376	775	375	0	2.2009	.000v	.025	.010
1377	800	375	0	2.2009	.000v	.026	.010
1378	825	375	0	2.2009	.000v	.025	.010
1379	850	375	0	2.2009	.000v	.025	.010
1380	875	375	0	2.2009	.000v	.024	.009
1381	900	375	0	2.2008	.000v	.024	.010
1382	925	375	0	2.2008	.000v	.023	.009
1383	950	375	0	2.2008	.000v	.023	.009
1384	975	375	0	2.2008	.000v	.023	.009
1385	1000	375	0	2.2008	.000v	.023	.009
1386	1025	375	0	2.2008	.000v	.022	.009
1387	1050	375	0	2.2008	.000v	.022	.009
1388	1075	375	0	2.2008	.000v	.022	.008
1389	1100	375	0	2.2007	.000v	.022	.008
1390	1125	375	0	2.2007	.000v	.022	.008
1391	1150	375	0	2.2007	.000v	.021	.008
1392	1175	375	0	2.2007	.000v	.021	.007
1393	1200	375	0	2.2007	.000v	.021	.007

1394	1225	375	0	2.2007	.000v	.021	.007
1395	1250	375	0	2.2007	.000v	.020	.007
1396	1275	375	0	2.2007	.000v	.020	.007
1397	1300	375	0	2.2007	.000v	.021	.007
1398	1325	375	0	2.2007	.000v	.021	.007
1399	1350	375	0	2.2006	.000v	.020	.007
1400	1375	375	0	2.2006	.000v	.020	.007
1401	1400	375	0	2.2006	.000v	.020	.007
1402	1425	375	0	2.2006	.000v	.020	.007
1403	1450	375	0	2.2006	.000v	.020	.007
1404	1475	375	0	2.2006	.000v	.019	.006
1405	1500	375	0	2.2005	.000v	.019	.006
1406	1525	375	0	2.2005	.000v	.019	.006
1407	1550	375	0	2.2005	.000v	.019	.006
1408	1575	375	0	2.2005	.000v	.019	.006
1409	1600	375	0	2.2005	.000v	.019	.006
1410	1625	375	0	2.2005	.000v	.019	.006
1411	1650	375	0	2.2004	.000v	.019	.006
1412	1675	375	0	2.2004	.000v	.019	.006
1413	1700	375	0	2.2004	.000v	.019	.006
1414	1725	375	0	2.2004	.000v	.019	.006
1415	1750	375	0	2.2004	.000v	.019	.006
1416	1775	375	0	2.2003	.000v	.018	.006
1417	1800	375	0	2.2003	.000v	.018	.006
1418	1825	375	0	2.2003	.000v	.019	.006
1419	1850	375	0	2.2003	.000v	.019	.006
1420	1875	375	0	2.2003	.000v	.018	.006
1421	1900	375	0	2.2002	.000v	.018	.006
1422	1925	375	0	2.2002	.000v	.018	.006
	wartosci srednie			2.2017	.000	.049	.025

Wyniki obliczen w wezlach swobodnych

ZANIECZYSZCZENIE NR 1 - Ditlenek azotu NO2

dopuszczalne D1 = 200.00 [ug/m3] Da = 40.000 [ug/m3]

tlo stezenia R = 28.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1725	14	0	32.114	.000v	147.76	73.55
2	1725	14	1	32.109	.000v	147.54	73.47
3	1725	14	2	32.094	.000v	146.87	73.19
4	1725	14	3	32.069	.000v	145.77	72.77
5	1725	14	4	32.032	.000v	144.23	71.87
6	1725	14	5	31.983	.000v	142.27	70.68
7	1725	14	6	31.919	.000v	139.90	69.41
8	1725	14	7	31.842	.000v	137.14	68.15
9	1725	14	8	31.750	.000v	134.01	65.95
10	1725	14	9	31.644	.000v	130.53	63.53
11	1725	14	10	31.526v	.000v	126.74	61.55v
12	165	230	0	34.221	.000v	127.36	92.47
13	165	230	1	34.277	.000v	127.86	92.82
14	165	230	2	34.437	.000v	129.22	94.91
15	165	230	3	34.673	.000v	131.10	98.18
16	165	230	4	34.939	.000v	132.91	100.72
17	165	230	5	35.169	.000v	133.92	103.45
18	165	230	6	35.293	.000v	133.40	104.47
19	165	230	7	35.250	.000v	130.78	102.53
20	165	230	8	35.015	.000v	125.81	98.89
21	165	230	9	34.607	.000v	118.66	93.65
22	165	230	10	34.080	.000v	109.81	85.37
23	126	277	0	36.522	.000v	103.04v	89.51
24	126	277	1	36.674	.000v	106.05	90.79
25	126	277	2	37.109	.000v	114.74	94.64
26	126	277	3	37.760	.000v	128.54	100.79
27	126	277	4	38.508	.000v	145.24	105.80
28	126	277	5	39.193	.000v	161.15	109.48
29	126	277	6	39.633	.000v	172.01	112.10^
30	126	277	7	39.678^	.000v	174.74^	112.00
31	126	277	8	39.262	.000v	168.19	107.72
32	126	277	9	38.440	.000v	153.22	102.54
33	126	277	10	37.350	.000v	132.39	93.69
	wartosci srednie			34.945	.000	136.45	89.41

ZANIECZYSZCZENIE NR 2 - Ditlenek siarki SO2

dopuszczalne D1 = 350.00 [ug/m3] Da = 30.000 [ug/m3]
tlo stezenia R = 14.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.726 [ug/m3]
1	1725	14	0	14.044	.000v	1.58	.74
2	1725	14	1	14.044	.000v	1.58	.74
3	1725	14	2	14.044	.000v	1.57	.74
4	1725	14	3	14.043	.000v	1.56	.73
5	1725	14	4	14.043	.000v	1.54	.73
6	1725	14	5	14.043	.000v	1.52	.71
7	1725	14	6	14.042	.000v	1.50	.70
8	1725	14	7	14.041	.000v	1.47	.68
9	1725	14	8	14.040	.000v	1.43	.65
10	1725	14	9	14.039	.000v	1.40	.64
11	1725	14	10	14.038v	.000v	1.35	.60v
12	165	230	0	14.066	.000v	1.36	.86
13	165	230	1	14.067	.000v	1.37	.87
14	165	230	2	14.069	.000v	1.38	.89
15	165	230	3	14.071	.000v	1.40	.90
16	165	230	4	14.074	.000v	1.42	.93
17	165	230	5	14.077	.000v	1.43	.97
18	165	230	6	14.078	.000v	1.43	.98
19	165	230	7	14.077	.000v	1.40	.98
20	165	230	8	14.075	.000v	1.34	.95
21	165	230	9	14.071	.000v	1.27	.90
22	165	230	10	14.065	.000v	1.17	.80
23	126	277	0	14.091	.000v	1.10v	.85
24	126	277	1	14.093	.000v	1.13	.86
25	126	277	2	14.097	.000v	1.23	.89
26	126	277	3	14.104	.000v	1.37	.93
27	126	277	4	14.112	.000v	1.55	1.01
28	126	277	5	14.120	.000v	1.72	1.09
29	126	277	6	14.124	.000v	1.84	1.14
30	126	277	7	14.125^	.000v	1.87^	1.14^
31	126	277	8	14.120	.000v	1.80	1.10
32	126	277	9	14.112	.000v	1.64	1.02
33	126	277	10	14.100	.000v	1.42	.91
	wartosci srednie			14.074	.000	1.46	.87

ZANIECZYSZCZENIE NR 3 - Pyl zawiezony PM10

dopuszczalne D1 = 280.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 38.00 [ug/m3]

numer wezla -	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1725	14	0	38.496v	.000v	17.82	8.87v
2	1725	14	1	38.518	.000v	18.34	9.38
3	1725	14	2	38.538	.000v	18.81	10.36
4	1725	14	3	38.556	.000v	19.20	11.05
5	1725	14	4	38.570	.000v	19.52	11.69
6	1725	14	5	38.581	.000v	19.75	12.24
7	1725	14	6	38.588	.000v	19.89	12.43
8	1725	14	7	38.590	.000v	19.93	12.54
9	1725	14	8	38.588	.000v	19.89	12.43
10	1725	14	9	38.581	.000v	19.75	12.24
11	1725	14	10	38.570	.000v	19.52	11.69
12	165	230	0	38.750	.000v	15.36	11.15
13	165	230	1	38.851	.000v	17.33	12.83
14	165	230	2	38.964	.000v	19.38	14.30
15	165	230	3	39.084	.000v	21.39	16.07
16	165	230	4	39.203	.000v	23.24	17.77
17	165	230	5	39.306	.000v	24.74	19.11
18	165	230	6	39.377	.000v	25.73	20.15
19	165	230	7	39.402	.000v	26.08	20.48
20	165	230	8	39.377	.000v	25.73	20.15
21	165	230	9	39.306	.000v	24.74	19.11
22	165	230	10	39.203	.000v	23.24	17.77
23	126	277	0	39.028	.000v	12.42v	10.79
24	126	277	1	39.220	.000v	16.00	12.51

25	126	277	2	39.449	.000v	20.55	14.35
26	126	277	3	39.706	.000v	25.84	16.23
27	126	277	4	39.967	.000v	31.31	18.61
28	126	277	5	40.199 *	.000v	36.16	20.92
29	126	277	6	40.361 *	.000v	39.56	22.55
30	126	277	7	40.420^*	.000v	40.77^	23.06^
31	126	277	8	40.361 *	.000v	39.56	22.55
32	126	277	9	40.199 *	.000v	36.16	20.92
33	126	277	10	39.967	.000v	31.31	18.61
wartosci srednie				39.208	.000	23.91	15.60

ZANIECZYSZCZENIE NR 4 - Tlenek wegla CO

dopuszczalne D1 = 30000. [ug/m3] Da = 5000.0 [ug/m3]
tlo stezenia R = 550. [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1725	14	0	556.9	.000v	248.	123.
2	1725	14	1	556.9	.000v	247.	123.
3	1725	14	2	556.9	.000v	246.	123.
4	1725	14	3	556.8	.000v	244.	122.
5	1725	14	4	556.8	.000v	242.	120.
6	1725	14	5	556.7	.000v	238.	118.
7	1725	14	6	556.6	.000v	234.	116.
8	1725	14	7	556.4	.000v	230.	114.
9	1725	14	8	556.3	.000v	225.	111.
10	1725	14	9	556.1	.000v	219.	106.
11	1725	14	10	555.9v	.000v	212.	103.v
12	165	230	0	560.4	.000v	213.	155.
13	165	230	1	560.5	.000v	214.	156.
14	165	230	2	560.8	.000v	217.	159.
15	165	230	3	561.2	.000v	220.	165.
16	165	230	4	561.6	.000v	223.	169.
17	165	230	5	562.0	.000v	224.	173.
18	165	230	6	562.2	.000v	224.	175.
19	165	230	7	562.1	.000v	219.	172.
20	165	230	8	561.8	.000v	211.	166.
21	165	230	9	561.1	.000v	199.	157.
22	165	230	10	560.2	.000v	184.	143.
23	126	277	0	564.3	.000v	173.v	150.
24	126	277	1	564.5	.000v	178.	152.
25	126	277	2	565.3	.000v	192.	159.
26	126	277	3	566.4	.000v	215.	169.
27	126	277	4	567.6	.000v	243.	177.
28	126	277	5	568.8	.000v	270.	183.
29	126	277	6	569.5	.000v	288.	188.^
30	126	277	7	569.6^	.000v	293.^	188.
31	126	277	8	568.9	.000v	282.	181.
32	126	277	9	567.5	.000v	257.	172.
33	126	277	10	565.7	.000v	222.	157.
wartosci srednie				561.6	.000	229.	150.

ZANIECZYSZCZENIE NR 5 - Benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.200 [ug/m3]

numer wezla	wspolrzedne wezla x [m]	y [m]	z [m]	stezenie srednie+R [ug/m3]	czestosc przekr. [%]	stezenia 1-godz. Smax [ug/m3]	S99.8 [ug/m3]
1	1725	14	0	2.2022	.000v	.080	.040
2	1725	14	1	2.2022	.000v	.080	.040
3	1725	14	2	2.2022	.000v	.080	.040
4	1725	14	3	2.2022	.000v	.079	.039
5	1725	14	4	2.2022	.000v	.078	.039
6	1725	14	5	2.2022	.000v	.077	.038
7	1725	14	6	2.2021	.000v	.076	.038
8	1725	14	7	2.2021	.000v	.074	.037
9	1725	14	8	2.2020	.000v	.073	.036
10	1725	14	9	2.2020	.000v	.071	.034
11	1725	14	10	2.2019v	.000v	.069	.033v
12	165	230	0	2.2034	.000v	.069	.050
13	165	230	1	2.2034	.000v	.069	.050

14	165	230	2	2.2035	.000v	.070	.051
15	165	230	3	2.2036	.000v	.071	.053
16	165	230	4	2.2038	.000v	.072	.055
17	165	230	5	2.2039	.000v	.073	.056
18	165	230	6	2.2040	.000v	.072	.057
19	165	230	7	2.2039	.000v	.071	.056
20	165	230	8	2.2038	.000v	.068	.054
21	165	230	9	2.2036	.000v	.064	.051
22	165	230	10	2.2033	.000v	.060	.046
23	126	277	0	2.2046	.000v	.056v	.049
24	126	277	1	2.2047	.000v	.057	.049
25	126	277	2	2.2049	.000v	.062	.051
26	126	277	3	2.2053	.000v	.070	.055
27	126	277	4	2.2057	.000v	.079	.057
28	126	277	5	2.2061	.000v	.087	.059
29	126	277	6	2.2063	.000v	.093	.061^
30	126	277	7	2.2063^	.000v	.095^	.061
31	126	277	8	2.2061	.000v	.091	.058
32	126	277	9	2.2057	.000v	.083	.056
33	126	277	10	2.2051	.000v	.072	.051
wartosci srednie				2.2038	.000	.074	.048

* - przekroczenie wartosci dopuszczalnej
^ - wartosc maksymalna
v - wartosc minimalna