Załącznik 1 - Standardy i inne przywołane dokumenty

Akty prawne

- Ustawa z dnia 27 kwietnia 2001 r. Prawo ochrony środowiska (Dz. U. Nr 62 poz. 627 z późn. zm.); Obwieszczenie Marszałka Sejmu Rzeczypospolitej Polskiej z dnia 4 lipca 2006 r. w sprawie ogłoszenia jednolitego tekstu ustawy - Prawo ochrony środowiska (Dz. U. Nr 129 poz. 902),
- Ustawa z dnia 18 maja 2005 r. o zmianie ustawy – Prawo ochrony środowiska oraz niektórych innych ustaw (Dz. U. Nr 113, poz. 954)
- Ustawa z dnia 27 lipca 2001 r. o wprowadzeniu ustawy – Prawo ochrony środowiska, ustawy o odpadach oraz o zmianie niektórych ustaw (Dz. U. Nr 100, poz. 1085),
- Ustawa z dnia 28 marca 2003 r. o transporcie kolejowym (Dz. U. Nr 86, poz. 789 wraz z późn. zm.)
- Ustawa z dnia 16 kwietnia 2004 r. o ochronie przyrody (Dz. U. Nr 92, poz. 880)
- Ustawa z dnia 23 lipca 2003 r. o ochronie zabytków i opiece nad zabytkami (Dz. U. Nr 162, poz. 1568 wraz z późn. zm.),
- Ustawa z dnia 27 marca 2003 r. o planowaniu i zagospodarowaniu przestrzennym (Dz. U. Nr 80, poz. 717),
- Ustawa z dnia z dnia 7 lipca 1994 r. Prawo budowlane (Dz. U. Nr 89 poz. 414 z póź. zm.); Obwieszczenie Marszałka Sejmu Rzeczpospolitej Polskiej z dnia 17 sierpnia 2006 r. w sprawie jednolitego tekstu ustawy – Prawo budowlane (Dz. U. Nr 156, poz. 1118),
- Ustawa z dnia 27 kwietnia 2001 r. o odpadach (Dz. U. Nr 62, poz. 628 wraz z późn. zm.),
- Ustawa z dnia 19 grudnia 2002 r. o zmianie ustawy o odpadach oraz niektórych innych ustaw (Dz. U. Nr 7, poz. 78),
- Ustawa z dnia 4 lutego 1994 r. Prawo geologiczne i górnicze (Dz. U. Nr 27 poz. 96 z późn. zm.); Obwieszczenie Marszałka Sejmu Rzeczypospolitej Polskiej z dnia 14 listopada 2005 r. w sprawie ogłoszenia jednolitego tekstu ustawy - Prawo geologiczne i górnicze (Dz. U. Nr 228 poz. 1947),
- Ustawa z dnia 18 lipca 2001 r. Prawo wodne (Dz. U. Nr 115, poz. 1229 wraz z późn. zm.); Obwieszczenie Marszałka Sejmu Rzeczypospolitej Polskiej z dnia 18 listopada 2005 r. w sprawie ogłoszenia jednolitego tekstu - Prawo wodne (Dz. U. Nr 239 poz. 2019),
- Ustawa z dnia 17 maja 1989 r. Prawo geodezyjne i kartograficzne (Dz. U. Nr 30 poz. 163); Obwieszczenie Marszałka Sejmu Rzeczypospolitej Polskiej z dnia 24 listopada 2005 r. w sprawie ogłoszenia jednolitego tekstu ustawy - Prawo geodezyjne i kartograficzne (Dz. U. Nr 240 poz. 2027),
- Rozporządzenie Ministra Infrastruktury z dnia 10 listopada 2004 r. w sprawie wymagań w zakresie odległości i warunków dopuszczających usytuowanie budowli i budynków, drzew lub krzewów, elementów ochrony akustycznej i wykonywania robót ziemnych w sąsiedztwie linii kolejowej, a także sposobu

urządzania i utrzymywania zasłon odśnieżnych oraz pasów przeciwpożarowych (Dz. U. Nr 249, poz. 2500),

- Rozporządzenie Rady Ministrów z dnia 9 listopada 2004 r. w sprawie określenia rodzajów przedsięwzięć mogących znacząco oddziaływać na środowisko oraz szczegółowych uwarunkowań związanych z kwalifikowaniem przedsięwzięcia do sporządzenia raportu o oddziaływaniu na środowisko (Dz. U. Nr 257, poz. 2573),
- Rozporządzenie Rady Ministrów z dnia 10 maja 2005 r. zmieniające rozporządzenie w sprawie określenia rodzajów przedsięwzięć mogących znacząco oddziaływać na środowisko oraz szczegółowych uwarunkowań związanych z kwalifikowaniem przedsięwzięcia do sporządzenia raportu o oddziaływaniu na środowisko (Dz. U. Nr 92, poz. 769),
- Rozporządzenie Rady Ministrów z dnia 7 grudnia 2004 w sprawie wykazu linii kolejowych o znaczeniu państwowym (Dz. U. Nr 273, poz. 2704),
- Rozporządzenie Ministra Środowiska z dnia 29 lipca 2004 r. w sprawie dopuszczalnych poziomów hałasu w środowisku (Dz. U. Nr 178, poz. 1841),
- Rozporządzenie Ministra Środowiska z dnia 21 lipca 2004 r. w sprawie obszarów specjalnej ochrony ptaków Natura 2000 (Dz. U. Nr 229, poz. 2313),
- Rozporządzenie Ministra Środowiska z dnia 24 lipca 2006 r. w sprawie warunków, jakie należy spełnić przy wprowadzaniu ścieków do wód lub ziemi, oraz w sprawie substancji szczególnie szkodliwych dla środowiska wodnego (Dz. U. Nr 137, poz. 984),
- Rozporządzenie Ministra Środowiska z 11 lutego 2004r w sprawie klasyfikacji oraz prezentowania stanu wód powierzchniowych i podziemnych sposobu prowadzenia monitoringu oraz sposobu interpretacji i prezentacji stanu tych wód (Dz. U. Nr 32 poz. 284) – nieobowiązujący /brak nowego rozporządzenia/,
- Rozporządzenie Ministra Środowiska z dnia 23 stycznia 2003 r. w sprawie wymagań w zakresie prowadzenia pomiarów poziomów w środowisku substancji lub energii przez zarządzającego drogą, linią kolejową, linią tramwajową, lotniskiem, portem (Dz. U. Nr 35, poz. 308),
- Rozporządzenie Ministra Środowiska z dnia 17 stycznia 2003 r. w sprawie wyników pomiarów prowadzonych w związku z eksploatacją dróg, linii kolejowych, linii tramwajowych, lotnisk oraz portów, które powinny być przekazywane właściwym organom ochrony środowiska, oraz terminów i sposobów ich prezentacji (Dz. U. Nr 18, poz. 164),
- Rozporządzenie Ministra Środowiska z dnia 5 grudnia 2002 r. w sprawie wartości odniesienia dla niektórych substancji w powietrzu (Dz. U. Nr 1 z 2003 r., poz.12),
- Rozporządzenie Ministra Środowiska z dnia 27 listopada 2002 r. w sprawie wymagań, jakim powinny odpowiadać wody powierzchniowe wykorzystywane do zaopatrzenia ludności w wodę przeznaczoną do spożycia (Dz. U. Nr 204, poz. 1728),
- Rozporządzenia Ministra Środowiska z dnia 14 października 2002 r. w sprawie szczegółowych wymagań, jakim powinien odpowiadać program ochrony środowiska przed hałasem. (Dz. U. Nr 179, poz. 1498),

- Rozporządzenie Ministerstwa Środowiska z dnia 4 października 2002 r. w sprawie wymagań, jakim powinny odpowiadać wody śródlądowe będące środowiskiem życia ryb w warunkach naturalnych (Dz. U. Nr 176, poz. 1455),
- Rozporządzenie Ministra Środowiska, z dnia 6 czerwca 2002 r. w sprawie dopuszczalnych poziomów niektórych substancji w powietrzu, alarmowych poziomów niektórych substancji w powietrzu oraz marginesów tolerancji dla dopuszczalnych poziomów niektórych substancji (D. U. Nr 87 z 2002 r., poz.796),
- Rozporządzenie Ministra Środowiska z dnia 9 stycznia 2002 r. w sprawie wartości progowych poziomów hałasu. (Dz. U. Nr 8, poz. 81),
- Rozporządzenie Ministra Infrastruktury z dnia 26 września 2003 r. w sprawie wykazu typów budowli i urządzeń przeznaczonych do prowadzenia ruchu kolejowego oraz typów pojazdów kolejowych, na które wydawane są świadectwa dopuszczenia do eksploatacji (Dz. U. Nr 175 poz. 1706),
- Rozporządzenie Ministra Transportu i Gospodarki Morskiej z dnia 10 września 1998 r. w sprawie warunków technicznych, jakim powinny odpowiadać budowle kolejowe i ich usytuowanie (Dz. U. Nr 151, poz. 987),
- Rozporządzenie Ministra Środowiska z dnia 21 kwietnia 2006 r. w sprawie listy rodzajów odpadów, które posiadacz odpadów może przekazywać osobom fizycznym lub jednostkom organizacyjnym niebędącym przedsiębiorcami, oraz dopuszczalnych metod ich odzysku (Dz. U. Nr 75 poz. 527),
- Rozporządzenie Ministra Infrastruktury z dnia 3 lipca 2003 r. w sprawie szczegółowego zakresu i formy projektu budowlanego (Dz. U. Nr 120 poz. 1133),

Normy – wibroakustyka

- PN ISO 9613 –2. Akustyka. Tłumienie dźwięku wynikające z propagacji w przestrzeni otwartej. Ogólna metoda obliczania
- PN ISO 1996-1. Akustyka. Opis i pomiar hałasu środowiskowego. Podstawowe wielkości i procedury
- PN ISO1996-2. Akustyka. Opis i pomiar hałasu środowiskowego. Uzyskanie danych w zakresie zagospodarowania przestrzennego
- PN ISO 1996-3. Akustyka. Opis i pomiar hałasu środowiskowego. Wytyczne dotyczące dopuszczalnych poziomów hałasu
- Norma Polska PN-87/B-02151/02 Akustyka budowlana. Ochrona przed hałasem pomieszczeń w budynkach. Dopuszczalne wartości poziomu dźwięku w pomieszczeniach
- Norma Polska PN-85/B-02170 Ocena szkodliwości drgań przekazywanych przez podłoże na budynki
- Norma Polska PN-88/B02171 Ocena wpływu drgań na ludzi w budynkach, przy użyciu progów odczuwalności

Pozostałe materiały

- Raport Etapu 1 z Modernizacji linii kolejowej na odcinku Siedlce – Terespol, Faza I, zlokalizowanego w Polsce opracowany przez grupę konsultingowa Atkins (zeszyty branżowe)
- Atlas Hydrologiczny Polski IMGW, Wydawnictwa Geologiczne, Warszawa 1987
- Biernacki A., Józwiak M., Szymczyk J.: Zintegrowany pakiet programów do rutynowych obliczeń stanu zanieczyszczenia powietrza atmosferycznego. ZANAT wer. 6. Instrukcja użytkowania. Zakład Ochrony Środowiska, Informatyki i Elektroniki EKO-KOM, Warszawa 2003
- Budowa geologiczna Polski. Tom VII Hydrogeologia, red. J. Malinowski, Wydawnictwa Geologiczne, Warszawa 1991
- Chlebowski B., Walewski Wł., Szulmierski T., *Słownik geograficzny Królestwa Polskiego i innych krajów słowiańskich*, T. X, Warszawa 1887.
- CORINAIR Working Group on Emission Factors for Calculating Emissions from Road Traffic. Emission Inventory Guidebook. EEA 15 February 1996
- Dmowski R., Siedlecki węzeł kolejowy w latach 1866 – 1939. Zarys problematyki badawczej, Prace Archiwalno – Konserwatorskie, R. 2002, z. 13, s. 55 – 77.
- Dokumentacja określająca warunki hydrogeologiczne dla ustanowienia stref ochronnych zbiornika wód podziemnych w utworach czwartorzędowych - GZWP nr 223 - Doliny Kopalnej Górnego Liwca, H. Oficjalska i inni, 1996,
- Ekologiczne przejścia dla zwierząt wolno żyjących i przydrożne pasowe zadrzewienia – niezbędnymi składnikami nowoczesnych inwestycji transportowych, red. J. Kurzydło, Międzynarodowe Seminarium, Kraków (7-10 IX 1999) 1999
- Filipek F., Kolej Warszawsko – Terespolska, Warszawa 1972
- Galicka I., Sygietyńska H., *Katalog zabytków sztuki w Polsce. T. X, Powiat Siedlecki*, Warszawa 1965.
- Gautier P.E.: Nouvelles methodes et nouveaux moyens pour l'acoustique dans le domaine ferroviaire. Revue Generale des chemins de fer. Janvier 1995
- Głowacka – Maksymiuk U., Ulice Siedlec, Siedlce 1997.
- Hnatków R.: Hałas kolejowy. Materiały XXIX Zimowej Szkoły Zwalczania Zagrożeń Wibroakustycznych, Wisła 2001
- Karty ewidencyjne zabytków architektury i budownictwa, Ośrodek Dokumentacji Zabytków w Warszawie 2005
- Koncepcja krajowej sieci ekologicznej ECONET-POLSKA. red. A. Liro, Fundacja IUCN Poland, Warszawa 1995
- Kondracki J.: Geografia regionalna Polski, Wyd. Naukowe PWN, Warszawa 1998
- Koziarski S., *Sieć kolejowa w Polsce w latach 1842 – 1918*, Opole 1993
- Kwiatek J.*, Leksykon miast polskich,* Warszawa 2002

- Leeuwen H.van: Railway noise prediction models – a comparison 1999
- Liro A., Szacki J.: Korytarz ekologiczny: przegląd problematyki, w: Człowiek i Środowisko, t.17, nr 4, 1993
- Mapa Geologiczna w skali 1:200000 arkusz Siedlce, J. Nowak, 1970,
- Mapa Geologiczna Podstawowa w skali 1:50000 arkusz Siedlce Pd. do mapy geologicznej w skali 1:200000 ark. Siedlce, M. Słobodzian, 1970
- Mapa obszarów Głównych Zbiorników Wód podziemnych (GZWP) w Polsce wymagających szczególnej ochrony 1:500 000, red. A.S. Kleczkowski, IHiGI AG-H Kraków 1990
- Mapa obszarów głównych zbiorników wód podziemnych (...) PIG, Warszawa 2000
- Mapa topograficzne Polski w skali 1:10 000, układ „1992”, Siedlce – Os.Warszawska, GGK, Warszawa 2000
- Mapa topograficzne Polski w skali 1:10 000, Układ „65”, Siedlce GGK, Warszawa 2000
- Mapa hydrogeologiczna Polski w skali 1:50000 arkusz Siedlce Południe, E. Madejska, C. Madejski, 2000
- Mapa hydrogeologiczna Polski w skali 1:50000 arkusz Siedlce Północ, E. Madejska, C. Madejski, 2000
- Mapa hydrogeologiczna w skali 1:200000 arkusz Siedlce, B. Witkowska, 1979,
- NATURA 2000 – europejska sieć ekologiczna, Ministerstwo Ochrony Środowiska, Zasobów Naturalnych i Leśnictwa, Warszawa 1999
- Obszary Chronione w Polsce, Instytut Ochrony Środowiska, Warszawa 2001
- Pietrzak Pawłowska I., *Industrializacja opóźnionych regionów Europy w XIX i XX wieku*, Kwartalnik Historyczny, R. 74, nr 3,
- Pismo Mazowieckiego Wojewódzkiego Inspektora Ochrony Środowiska w Warszawie, sygn. MM-MO. Mk.4401/26/06, z dnia 07.03.2006 r., w sprawie aktualnego stanu jakości powietrza
- Projekt korytarzy ekologicznych łączących Europejską Sieć Natura 2000 w Polsce, pod kier. W. Jędrzejewskiego, Zakład Badania Ssaków PAN, Białowieża (maszynopis) 2005
- Przeglądowa Mapa Geomorfologiczna Polski 1:500 000, L. Galon,
- Raport Wojewódzkiego Inspektoratu Ochrony Środowiska w Warszawie. Stan środowiska w województwie mazowieckim w roku 2004, Warszawa 2005
- Ringheim M.: Railway traffic noise 1999
- Sawicka – Siarkiewicz H.: Jakość wód i ścieków opadowych z elementarnych zlewni o różnym zagospodarowaniu. IX Konferencja i II Międzynarodowa Konferencja Naukowo – Techniczna nt. Ochrona jakości i zasobów wód. Zakopane – Kościelisko, maj 2000
- Węch – Tchórzewska W., Plany Siedlec 1780 – 1912, Siedlce 1998.

- Zwierzęta a drogi. Metody ograniczania negatywnego wpływu dróg na populacje dzikich zwierząt, Zakład Badania Ssaków PAN, Białowieża 2004

Dokumentacja historyczna i konserwatorska

Materiały w zbiorach Wojewódzkiego Urzędu Ochrony Zabytków w Warszawie Delegatury w Siedlcach, Krajowego Ośrodka Badania i Dokumentacji Zabytków w Warszawie, Instytutu Sztuki Polskiej Akademii Nauk w Warszawie.

Załącznik 2.1 – Mapy modernizowanych stacji kolejowych

MODERNIZACJA LINII KOLEJOWEJ E20
NA ODCINKU SIEDLCE – TERESPOL
W GRANICACH WOJEWÓDZTWA LUBELSKIEGO

WYBRANE ELEMENTY INFRASTRUKTURY KOLEJOWEJ I ZABYTKI CHRONIONE

skala 1 : 25 000



wybrane elementy infrastruktury kolejowej



lokalizacji i numer obiektu zabytkowego (zgodnie z tabelą w tekście)



lokalizacja i numer zdjęcia



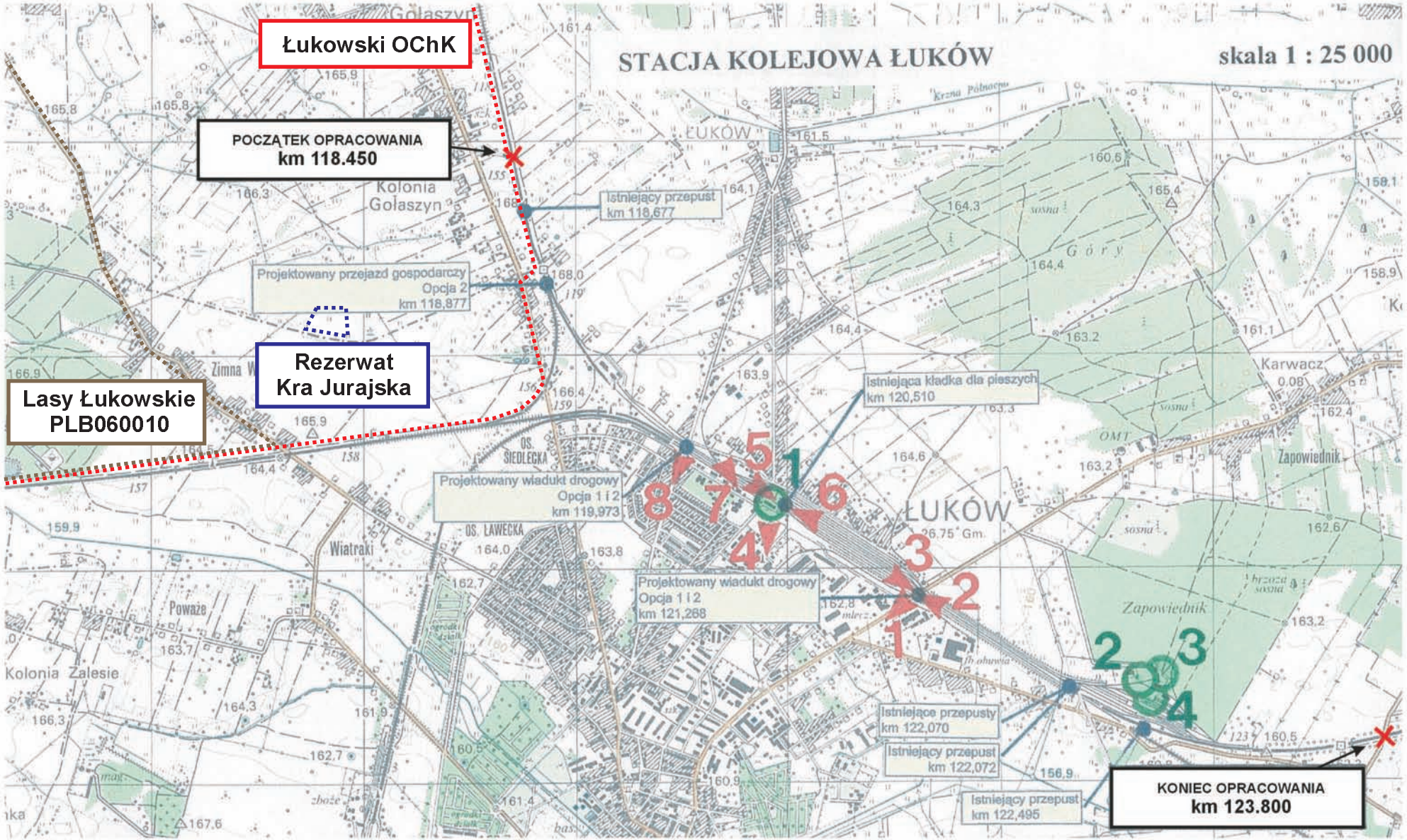
Granice obszarów chronionego krajobrazu (OChK)

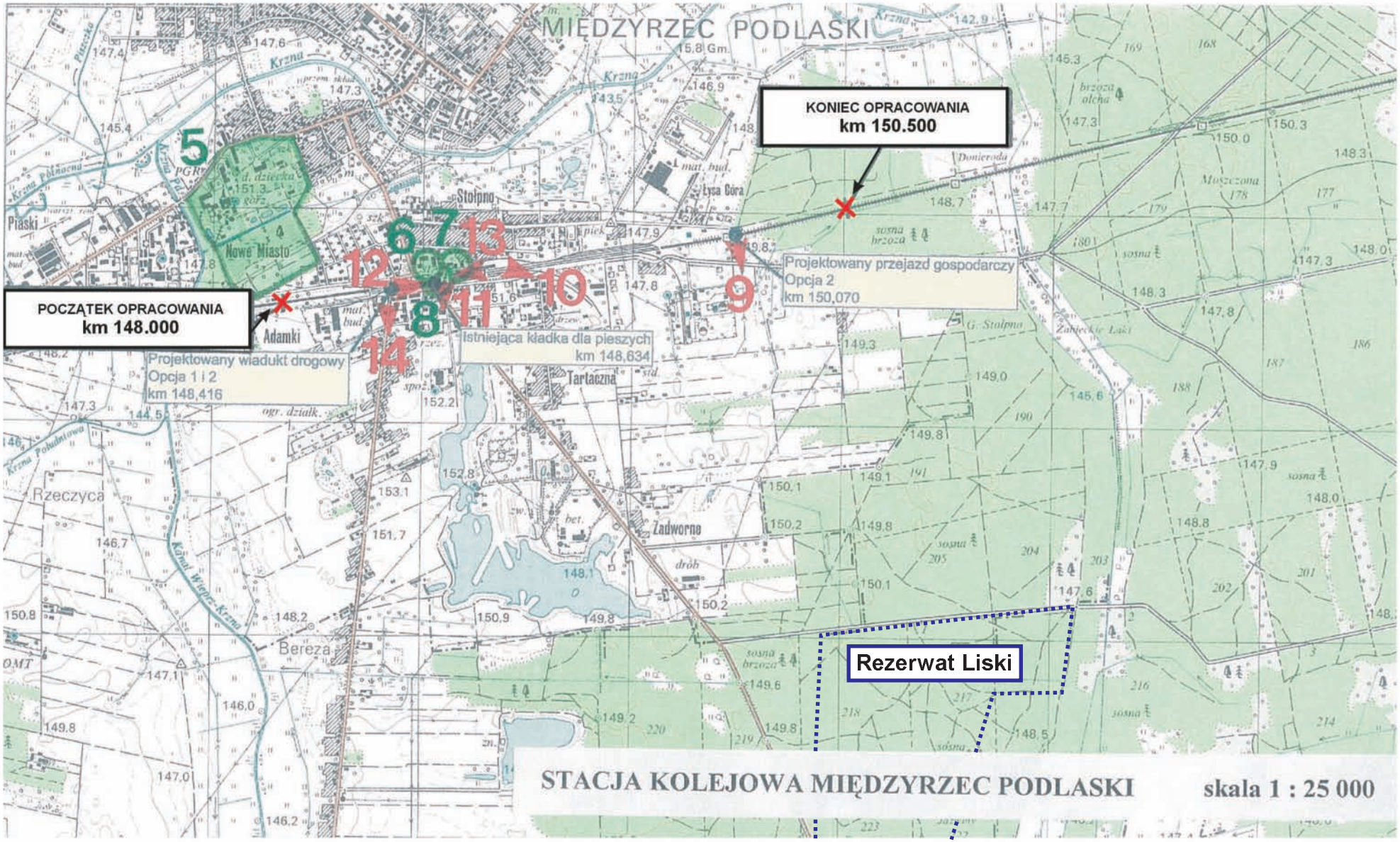


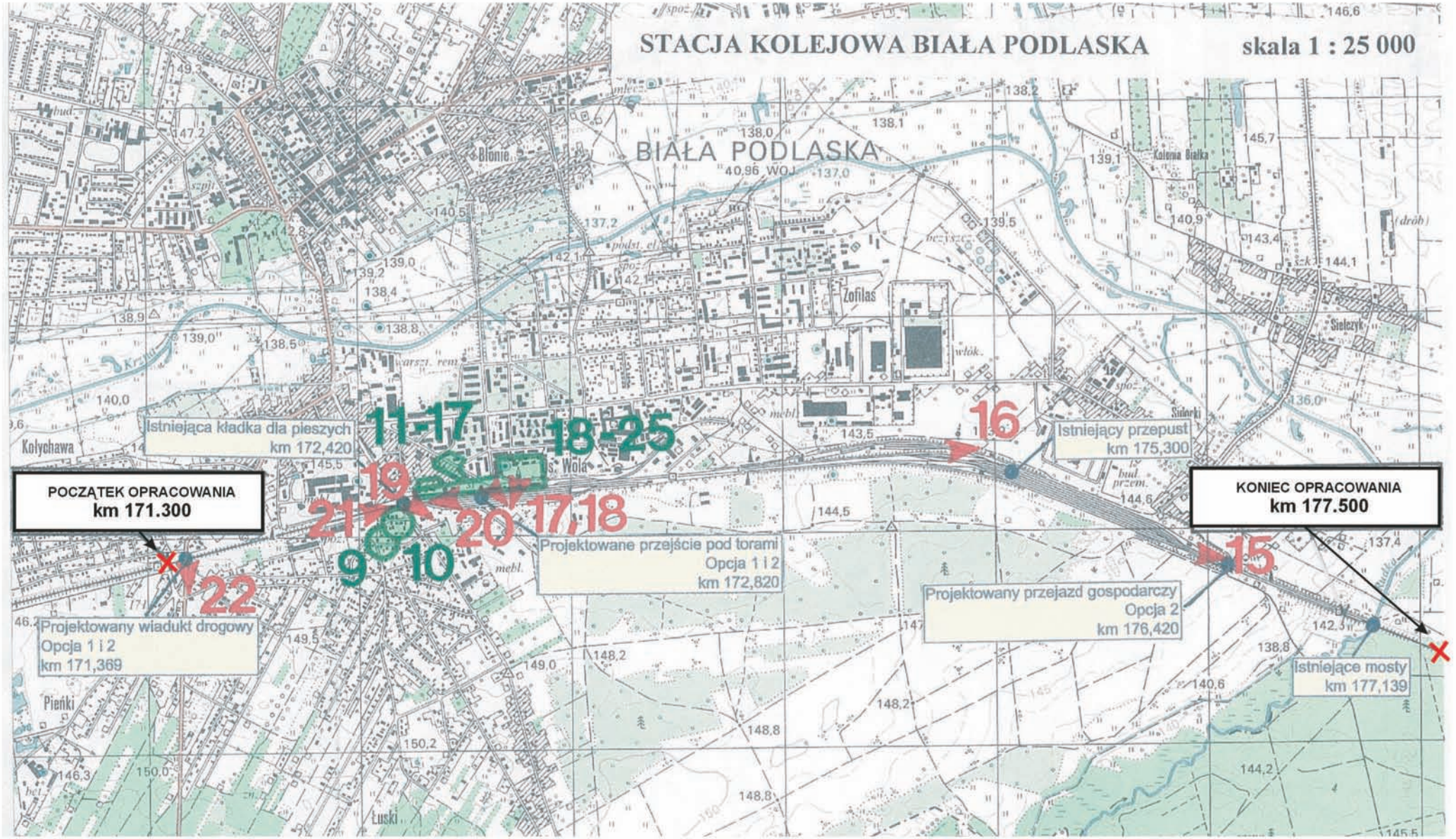
Granice rezerwatów

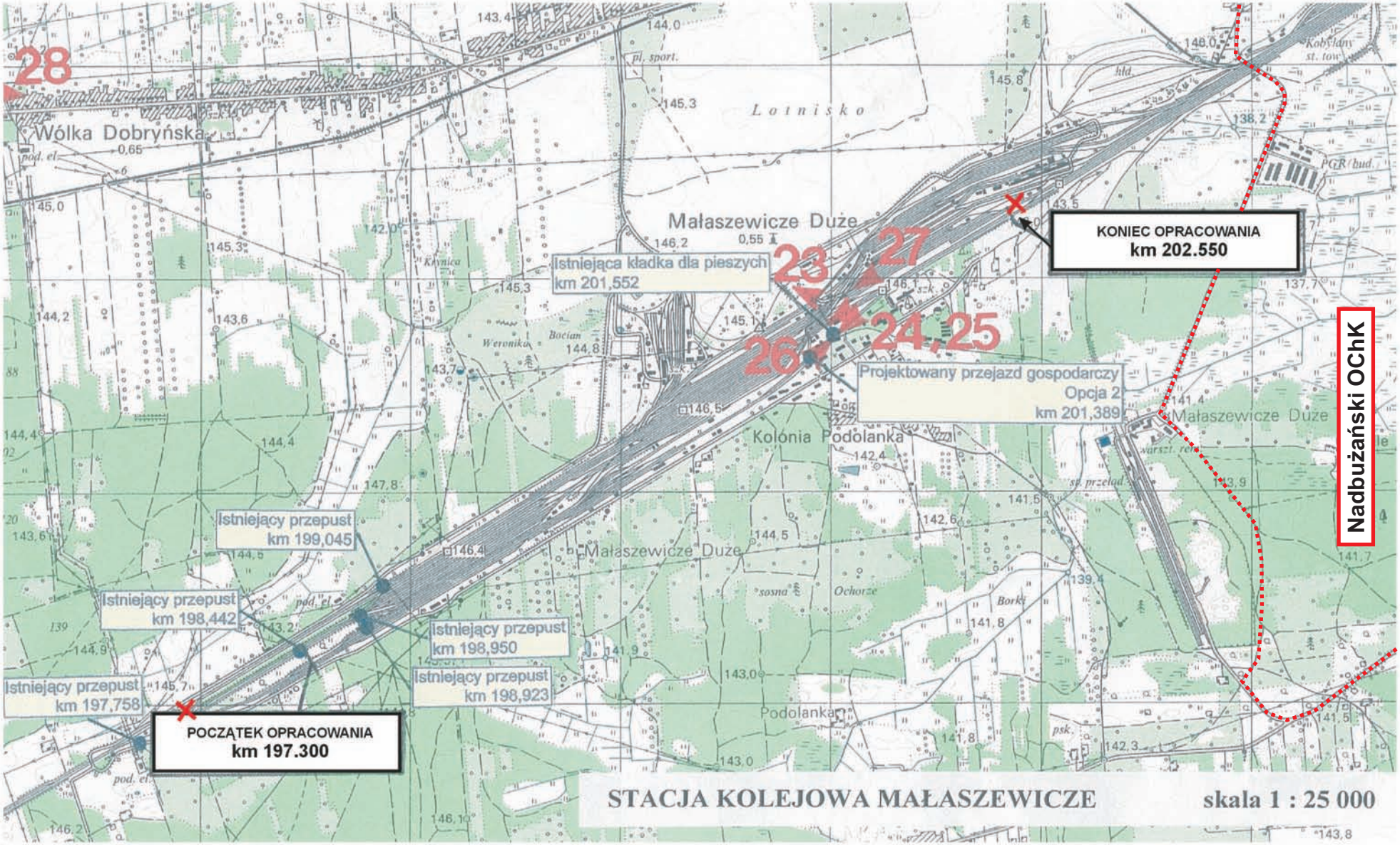


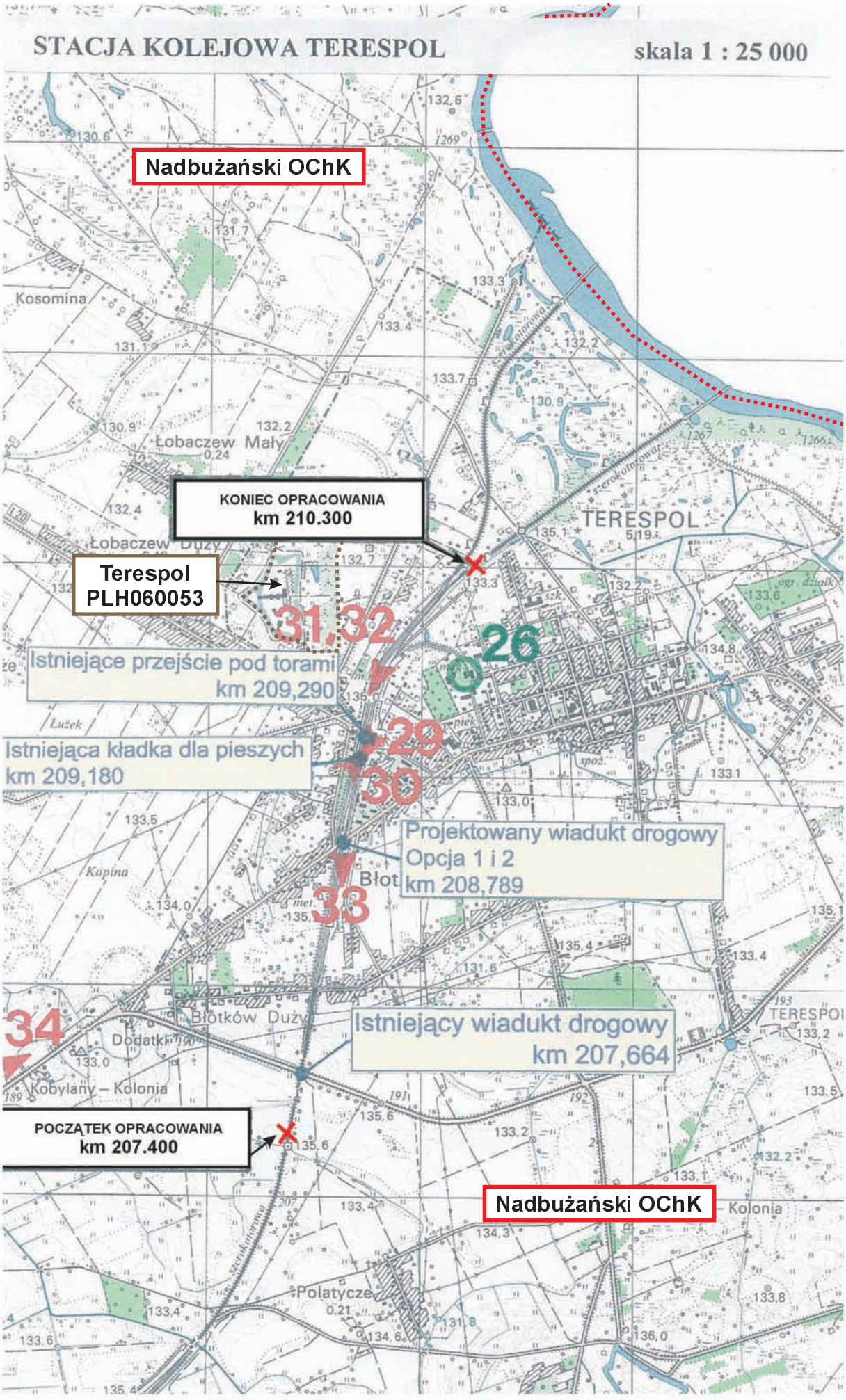
Granice obszarów NATURA 2000


STACJA KOLEJOWA ŁUKÓW
skala 1 : 25 000
Łukowski OChK
POCZĄTEK OPRACOWANIA
km 118.450
Istniejący przepust
km 118,677
Projektowany przejazd gospodarczy
Opcja 2
km 118,877
Rezerwat
Kra Jurajska
Lasy Łukowskie
PLB060010
Istniejąca kładka dla pieszych
km 120,510
Projektowany wiadukt drogowy
Opcja 1 i 2
km 119,973
Projektowany wiadukt drogowy
Opcja 1 i 2
km 121,268
Istniejące przepusty
km 122,070
Istniejący przepust
km 122,072
Istniejący przepust
km 122,495
KONIEC OPRACOWANIA
km 123.800
ŁUKÓW
Kolonia Golaszyn
Kolonia Zalesie
Karwacz
Zapowiednik
Wiatraki
Poważe
OS. SIEDLECKA
OS. ŁAWECKA


MIĘDZYRZEC PODLASKI
KONIEC OPRACOWANIA
km 150.500
POCZĄTEK OPRACOWANIA
km 148.000
Projektowany przejazd gospodarczy
Opcja 2
km 150,070
Istniejąca kładka dla pieszych
km 148,634
Projektowany wiadukt drogowy
Opcja 1 i 2
km 148,416
Rezerwat Liski
Nowe Miasto
Stolpno
Adamki
Tartaczna
Rzeczyca
Zadworno
Bereza
Łysa Góra
5
6
7
8
9
10
11
12
13
14
STACJA KOLEJOWA MIĘDZYRZEC PODLASKI
skala 1 : 25 000


STACJA KOLEJOWA BIAŁA PODLASKA
skala 1 : 25 000
BIAŁA PODLASKA
POCZĄTEK OPRACOWANIA
km 171.300
KONIEC OPRACOWANIA
km 177.500
Istniejąca kładka dla pieszych
km 172,420
Projektowane przejście pod torami
Opcja 1 i 2
km 172,820
Istniejący przepust
km 175,300
Projektowany przejazd gospodarczy
Opcja 2
km 176,420
Projektowany wiadukt drogowy
Opcja 1 i 2
km 171,369
Istniejące mosty
km 177,139
11-17
18-25
16
19
21
20
17,18
9
10
22
15
Zofiłas
Kołychawa
Pieńki
Łuski
Sielczyk
Kolonia Białka


28
Wólka Dobryńska
Małaszewicze Duże
Lotnisko
Istniejąca kładka dla pieszych
km 201,552
23
27
24,25
26
KONIEC OPRACOWANIA
km 202.550
Nadbużański OChK
Projektowany przejazd gospodarczy
Opcja 2
km 201,389
Kolonia Podolanka
Małaszewicze Duże
Istniejący przepust
km 199,045
Istniejący przepust
km 198,442
Istniejący przepust
km 198,950
Istniejący przepust
km 198,923
Istniejący przepust
km 197,758
POCZĄTEK OPRACOWANIA
km 197.300
Podolanka
STACJA KOLEJOWA MAŁASZEWICZE
skala 1 : 25 000


STACJA KOLEJOWA TERESPOL
skala 1 : 25 000
Nadbużański OChK
KONIEC OPRACOWANIA
km 210.300
Terespol
PLH060053
31,32
26
Istniejące przejście pod torami
km 209,290
29
Istniejąca kładka dla pieszych
km 209,180
30
Projektowany wiadukt drogowy
Opcja 1 i 2
km 208,789
33
34
Istniejący wiadukt drogowy
km 207,664
POCZĄTEK OPRACOWANIA
km 207.400
Nadbużański OChK
Kosomina
Łobaczew Mały
Łobaczew Duży
TERESPOL
Błotków Duży
Kobylany – Kolonia
Polatycze
Kolonia
Kopina
Błot
Łużek

Załącznik 2.2 – Dokumentacja fotograficzna

1. Lokalizacja projektowanego wiaduktu drogowego w Łukowie
2. Widok stacji Łuków kierunku Siedlec
3. Widok stacji Łuków kierunku Międzyrzeca Podlaskiego
4. Zabytkowy budynek dworca kolejowego w Łukowie
5. Budynek dworca kolejowego w Łukowie od strony torowiska
6. Perony na dworcu kolejowym w Łukowie
7. Tory odstawcze na stacji w Łukowie
8. Strzeżony przejazd drogowy w Łukowie
9. Projektowany przejazd gospodarczy w Międzyrzecu Podlaskim
10. Wiaty na peronach dworca w Międzyrzecu Podlaskim
11. Budynek dworca kolejowego w Międzyrzecu Podlaskim
12. Widok stacji Międzyrzec Podlaski w kierunku Łukowa
13. Widok stacji Międzyrzec Podlaski w kierunku Białej Podlaskiej
14. Lokalizacja projektowanego wiaduktu drogowego w Międzyrzecu Podlaskim
15. Wschodnia część stacji Biała Podlaska
16. Środkowo-wschodnia część stacji Biała Podlaska
17. Zabytkowa wieża ciśnień w Białej Podlaskiej
18. Zabytkowy budynek dworca kolejowego w Białej Podlaskiej
19. Kładka dla pieszych w Białej Podlaskiej
20. Widok stacji Biała Podlaska w kierunku Małaszewicz
21. Widok stacji Biała Podlaska w kierunku Międzyrzeca Podlaskiego
22. Lokalizacja projektowanego wiaduktu drogowego w Białej Podlaskiej
23. Wieża ciśnień i kładka dla pieszych w Małaszewiczach
24. Budynek dworca kolejowego w Małaszewiczach
25. Widok głównego peronu w Małaszewiczach w kierunku Terespola
26. Widok głównego peronu w Małaszewiczach w kierunku Białej Podlaskiej
27. Widok stacji Małaszewicze w kierunku Terespola
28. Projektowany obszar chroniony Natura 2000 Dobryń PLH060004 na północny zachód od Małaszewicz
29. Dworzec kolejowy w Terespolu
30. Nieczynna kładka dla pieszych w Terespolu
31. Perony dworca kolejowego w Terespolu
32. Widok stacji Terespol w kierunku granicy państwa
33. Zdewastowany magazyn na stacji Terespol w rejonie Błotkowa Dużego
34. Ruiny fortu Twierdzy Brzeskiej na zachód od Terespola


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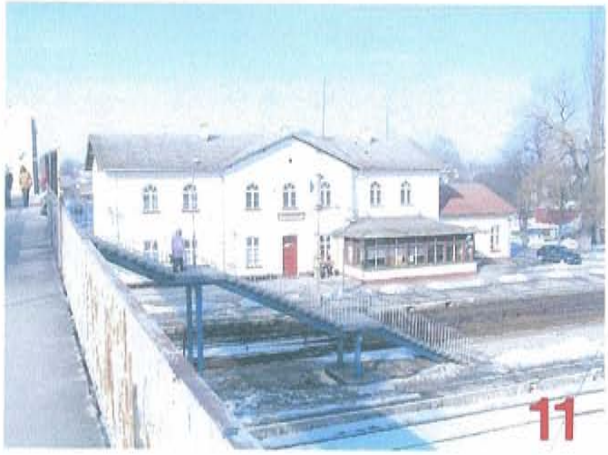

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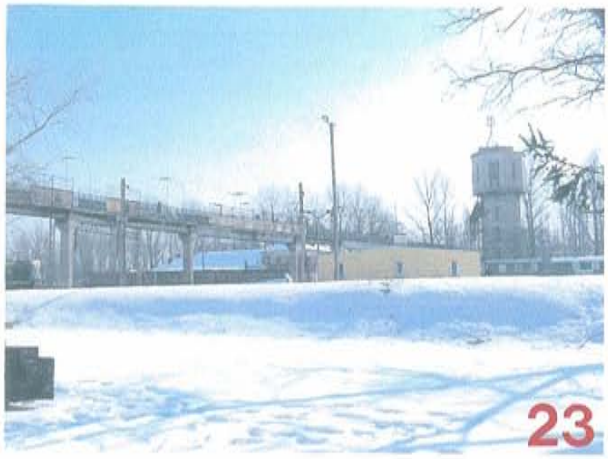

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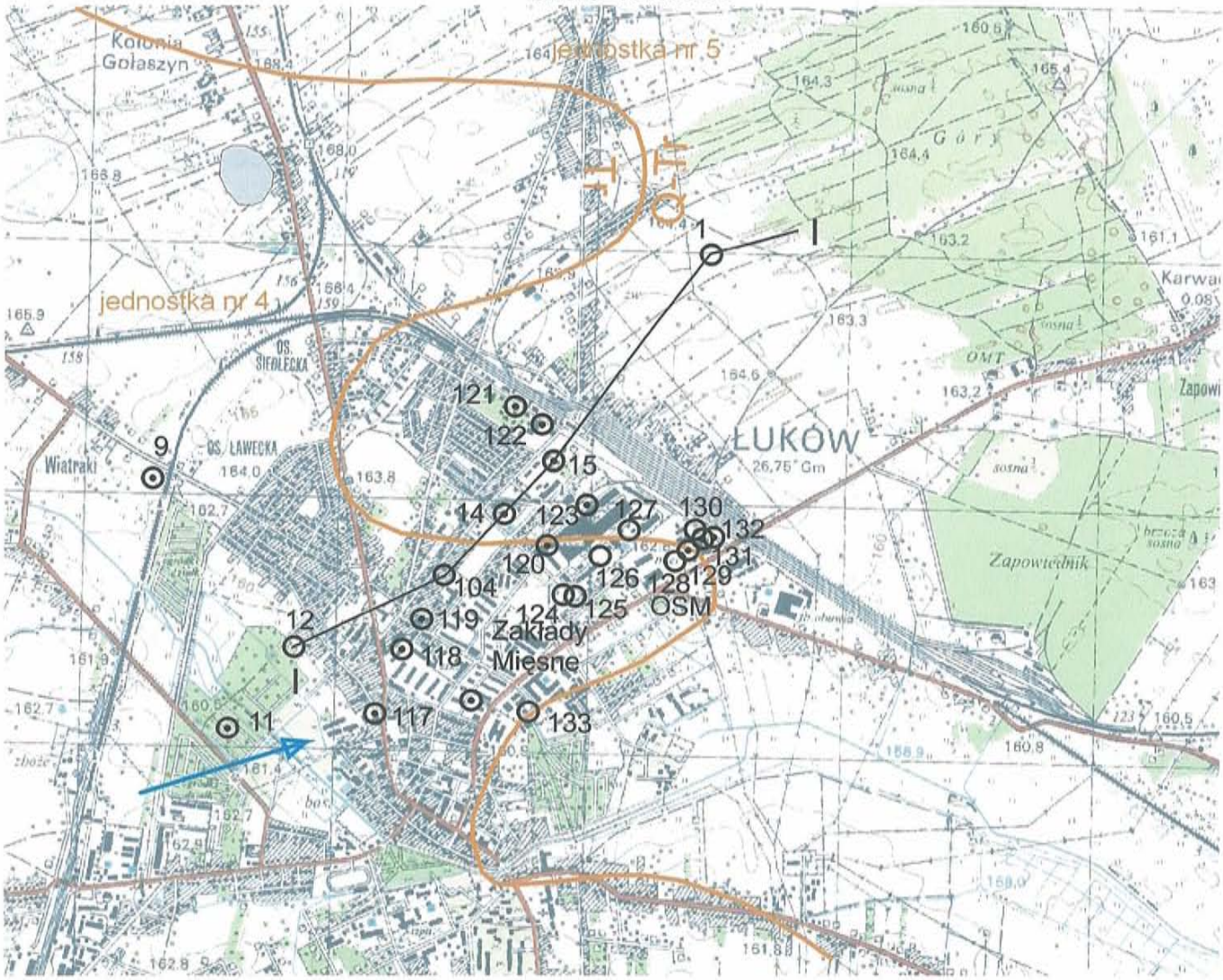

33


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Załącznik 3.1 – Mapy warunków hydrogeologicznych

MAPA WARUNKÓW HYDROGEOLOGICZNYCH

skala 1: 25000



Objaśnienia:

104 ○ studnia ujmująca czwartorzedowy poziom wodonośny (numeracja wg MhP 1:50000 ark. 602 Łuków))

123 ⊙ studnia ujmująca trzeciorzedowy poziom wodonośny (numeracja wg MhP 1:50000 ark. 602 Łuków)

kierunek przepływu wód w głównym poziomie użytkowym

Q-Tr główny użytkowy poziom wodonośny w osadach czwartorzedowo-trzeciorzedowych

Tr główny użytkowy poziom wodonośny w osadach trzeciorzedowych

granica jednostki hydrogeologicznej

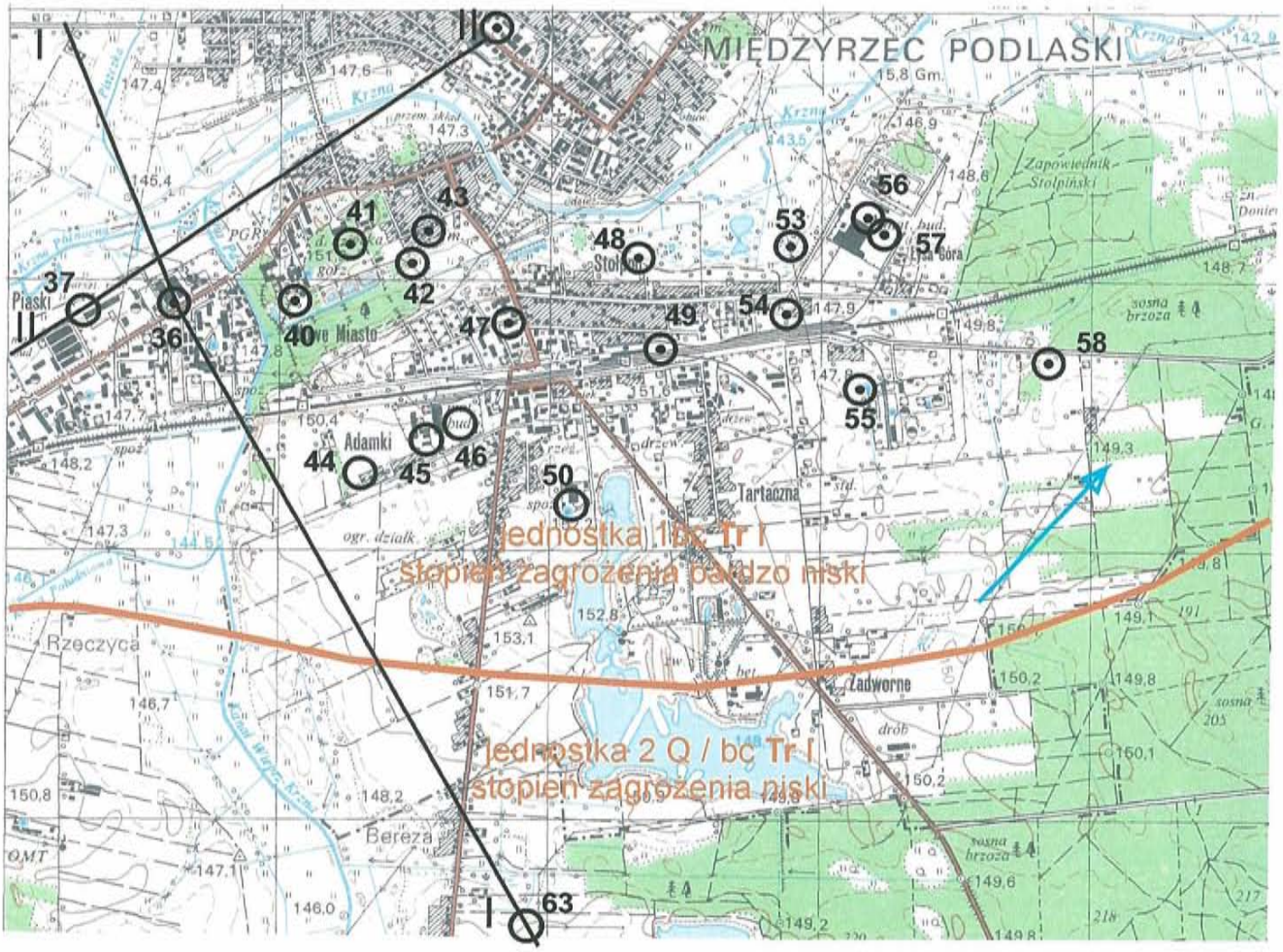
złoże surowców ilastych Gołaszyn

I — I linia przekroju hydrogeologicznego

Opracowano na podstawie:
Mapy hydrogeologicznej Polski w skali 1:50000 ark. 602 Łuków,
PAŃSTWOWY INSTYTUT GEOLOGICZNY, A. Dobkowska, 2000

MAPA WARUNKÓW HYDROGEOLOGICZNYCH

skala 1: 25000



Objaśnienia:

46 ○ studnia ujmująca czwartorzedowy poziom wodonośny (numeracja wg MhP 1:50000 ark. Międzyrzec Podl.)

47 ⊙ studnia ujmująca trzeciorzedowy poziom wodonośny (numeracja wg MhP 1:50000 ark. Międzyrzec Podl.)

← kierunek przepływu wód w głównym poziomie użytkowym

jednostka 1bc Tr I — jednostka hydrogeologiczna

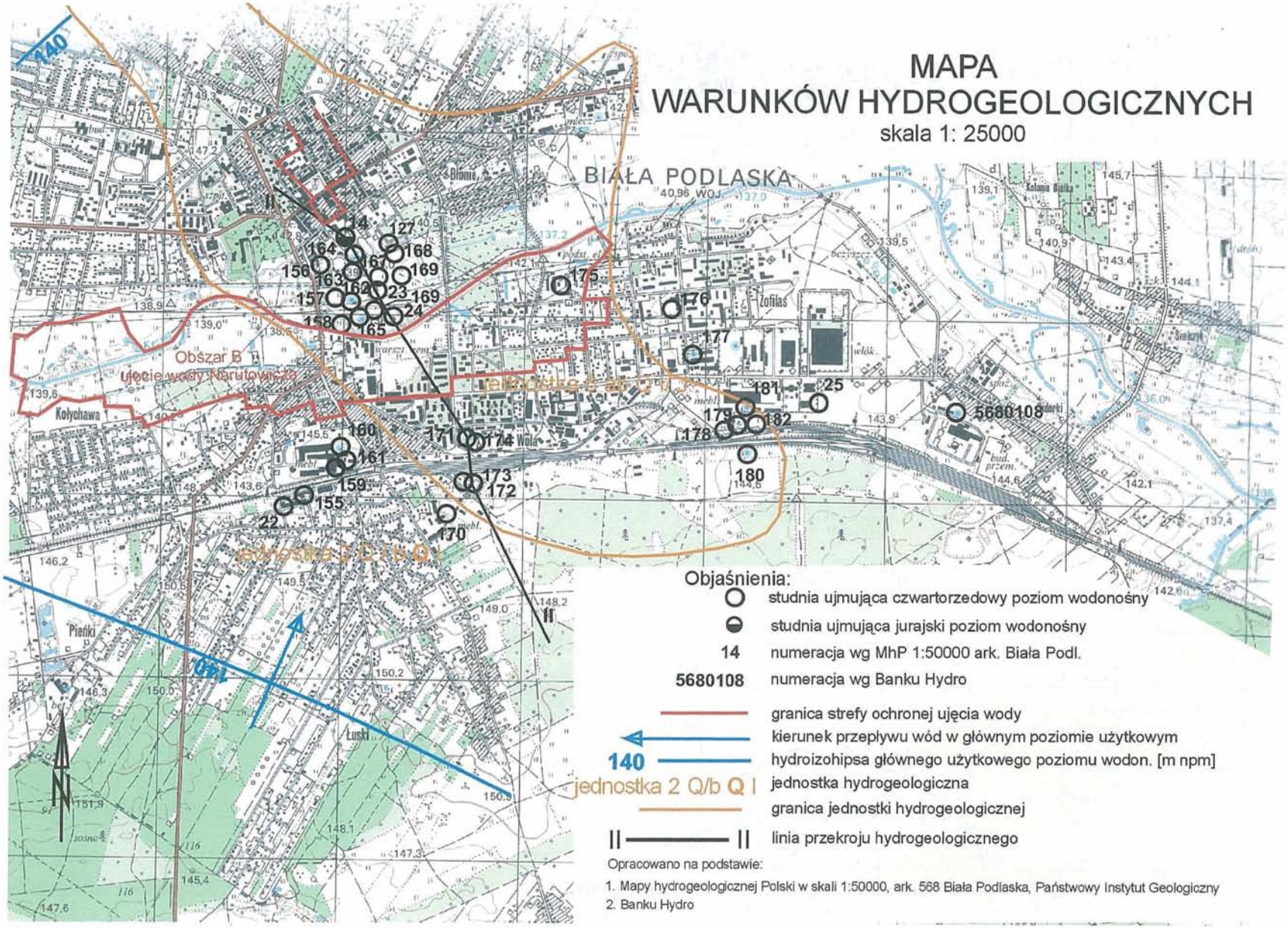
granica jednostki hydrogeologicznej

Tr — główny użytkowy poziom wodonośny w osadach trzeciorzedowych

I —— I linia przekroju hydrogeologicznego

Opracowano na podstawie:
Mapy hydrogeologicznej Polski w skali 1:50000 ark. 604 Międzyrzec Podl.,
PAŃSTWOWY INSTYTUT GEOLOGICZNY, J. Chowaniec, 2004

MAPA
WARUNKÓW HYDROGEOLOGICZNYCH
skala 1: 25000

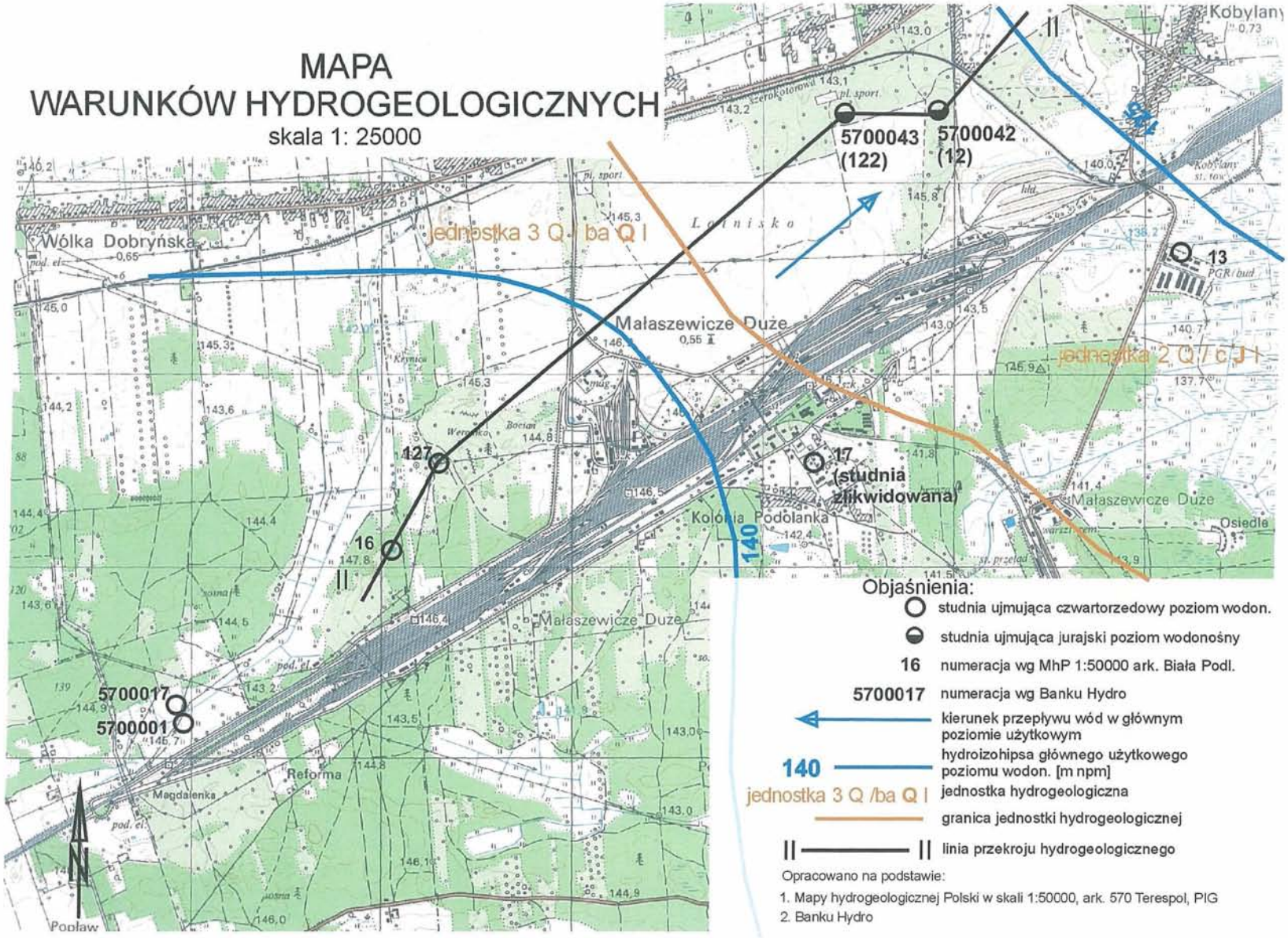


Opracowano na podstawie:

1. Mapy hydrogeologicznej Polski w skali 1:50000, ark. 568 Biała Podlaska, Państwowy Instytut Geologiczny
2. Banku Hydro

MAPA
WARUNKÓW HYDROGEOLOGICZNYCH

skala 1: 25000



Objaśnienia:

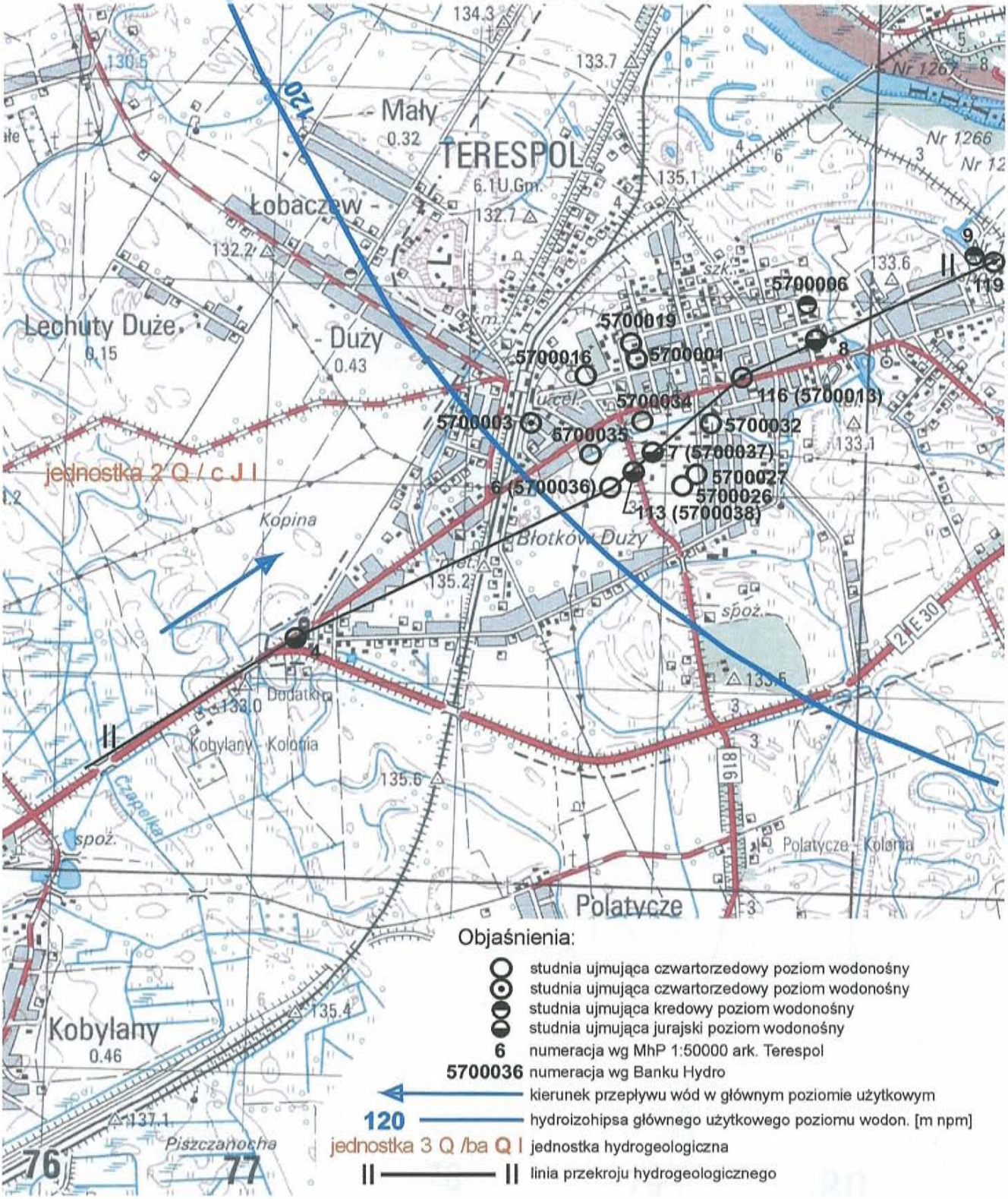
- studnia ujmująca czwartorzedowy poziom wodon.
- studnia ujmująca jurajski poziom wodonośny
- **16** numeracja wg MhP 1:50000 ark. Biała Podl.
- **5700017** numeracja wg Banku Hydro
- kierunek przepływu wód w głównym poziomie użytkowym
- **140** hydroizohipsa głównego użytkowego poziomu wodon. [m npm]
- jednostka 3 Q /ba Q I jednostka hydrogeologiczna
- granica jednostki hydrogeologicznej
- II — II linia przekroju hydrogeologicznego

Opracowano na podstawie:

1. Mapy hydrogeologicznej Polski w skali 1:50000, ark. 570 Terespol, PIG
2. Banku Hydro

MAPA
WARUNKÓW HYDROGEOLOGICZNYCH

skala 1: 25000



Objaśnienia:

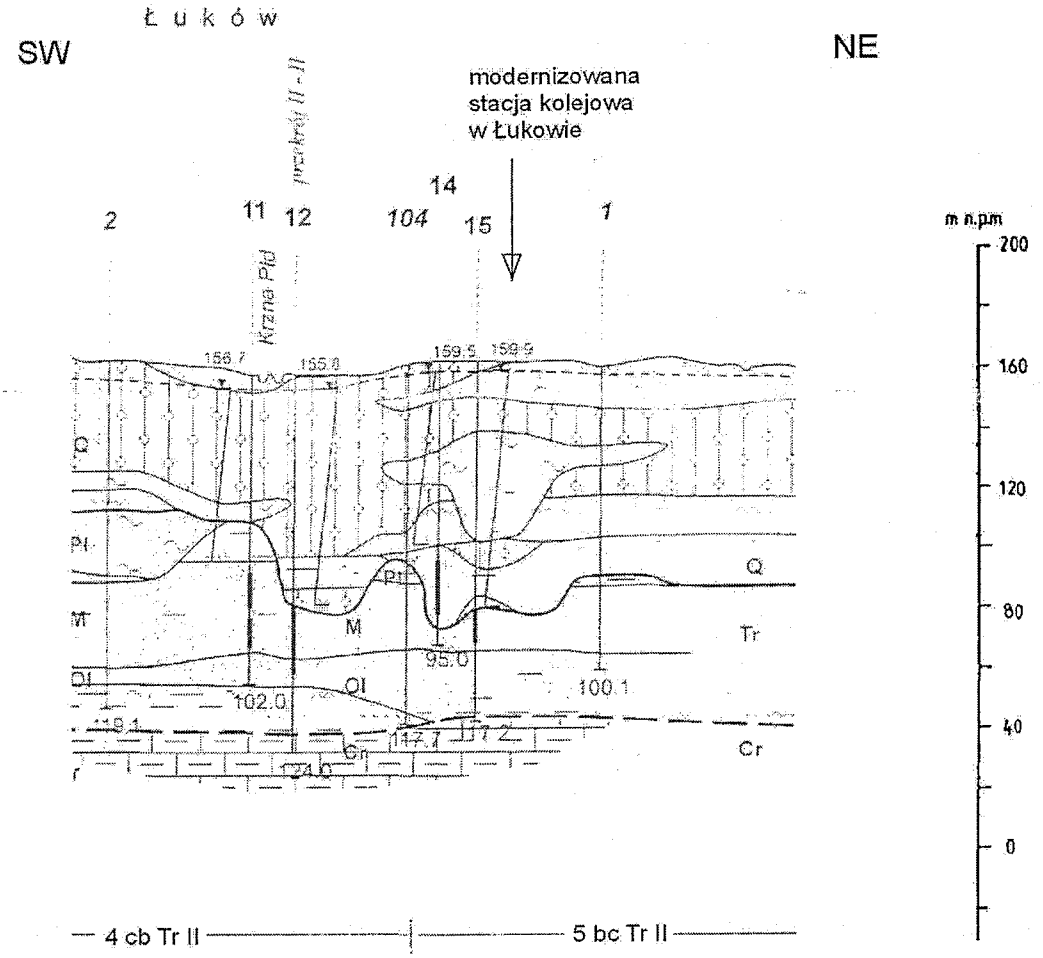
- studnia ujmująca czwartorzedowy poziom wodonośny
- studnia ujmująca czwartorzedowy poziom wodonośny
- studnia ujmująca kredowy poziom wodonośny
- studnia ujmująca jurajski poziom wodonośny
- **6** numeracja wg MhP 1:50000 ark. Terespol
- **5700036** numeracja wg Banku Hydro
- kierunek przepływu wód w głównym poziomie użytkowym
- **120** hydroizohipsa głównego użytkowego poziomu wodon. [m npm]
- jednostka 3 Q /ba Q I jednostka hydrogeologiczna
- II — II linia przekroju hydrogeologicznego

Opracowano na podstawie: 1. Mapy hydrogeologicznej Polski w skali 1:50000, ark. 570 Terespol, PIG, 2. Banku Hydro

Załącznik 3.2 – Przekroje hydrogeologiczne

PRZEKRÓJ HYDROGEOLOGICZNY I - I

arkusz Łuków (602)
fragment



Przepływ w ośrodku porowym

- piaski, żwiry, otoczaki
- piaski pylaste
- piaski pylaste z węglem

Przepływ ograniczony, brak przepływu w ośrodku słaboprzepuszczalnym

- piaski zailone
- mułki
- pyły
- gliny
- iły
- margle

- Granice stratygraficzna
- Przypuszczalna granica stratygraficzna
- Ujęta część warstwy wodonośnej
- 60.0 Głębokość otworu
- a. ustalone
- Zwierciadło wody podziemnej:
- b. nawiercone
- Zwierciadło piezometryczne głównego poziomu użytkowego

Stratygrafia utworów:

- Q - czwartorzęd
- Tr - trzeciorzęd (nierozdzielony)
- Pl - trzeciorzęd-pliocen
- M - trzeciorzęd-miocen
- Ol - trzeciorzęd-oligocen

14 *numer otworu studziennego*

1 *numer otworu badawczego*

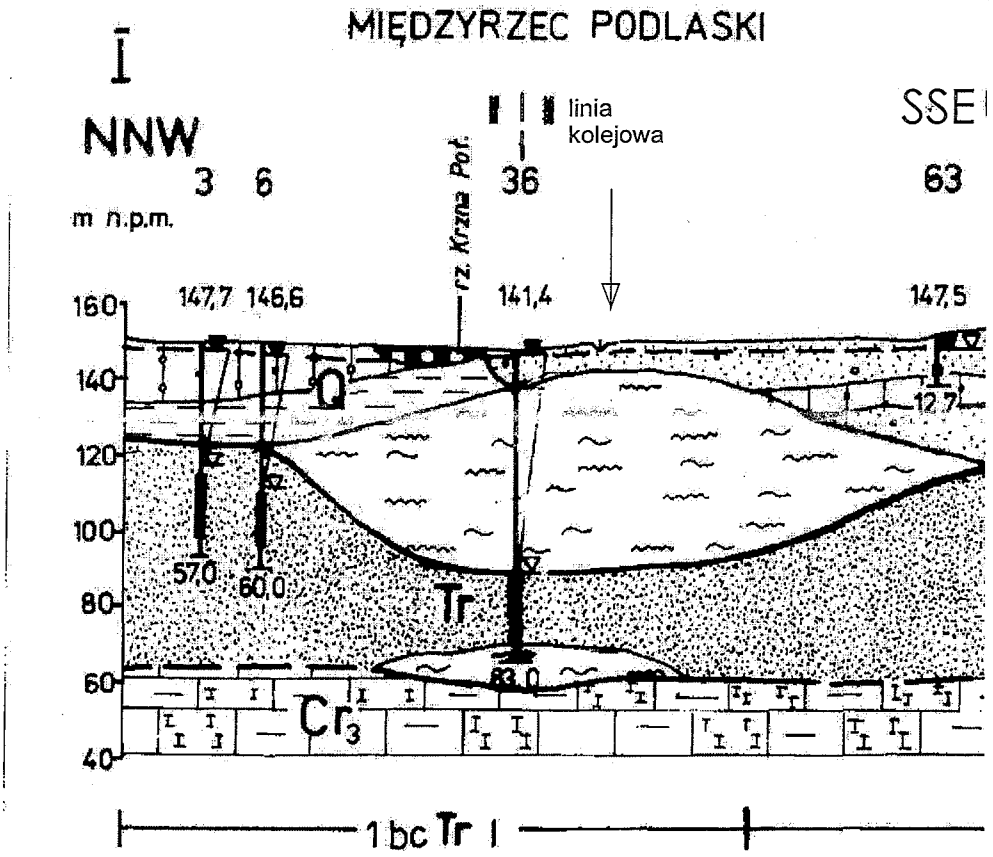
5 bc Tr II *granice i symbole jednostek*

Wycinek Przekroju hydrogeologicznego - Mapa hydrogeologiczna Polski w skali 1:50000 ark. 602 Łuków, PIG, A. Dobkowska.

PRZEKRÓJ HYDROGEOLOGICZNY I-I

fragment

Arkusz: MIĘDZYRZEC PODLASKI (604)



Przepływ w ośrodku porowym

- piaski, żwiry
- piaski

Przepływ ograniczony, brak przepływu

- torfy
- pyły, mułki
- gliny, mułki
- iły
- margle, kreda piszqca

6 nr otworu studziennego

146,6 rzędna zwierciadła wody w m n.p.m.

ujęta część warstwy wodonośnej

60,0 głębokość otworu

ustalone zwierciadło wody podziemnej

nawiercone

— — — zwierciadło głównego poziomu wodonośnego

——— granica stratygraficzna

Q czwartorzęd

Tr trzeciorzęd

Cr_3 kreda górna

1 bc Tr I symbol jednostki hydrogeologicznej

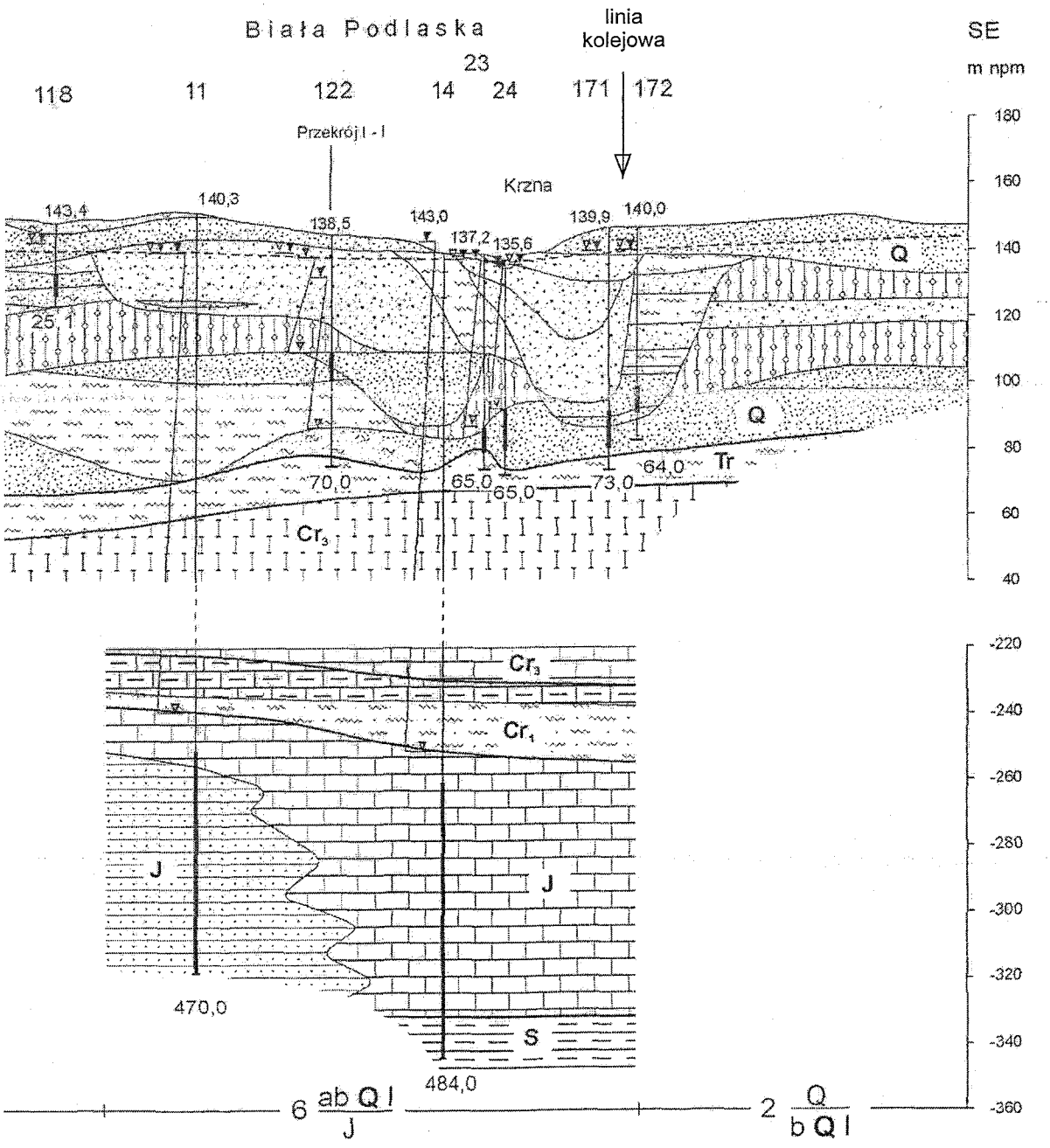
II – II miejsce przecięcia przekrojów

Wycinek Przekroju hydrogeologicznego - Mapa hydrogeologiczna Polski w skali 1:50000 ark. 604 Międzyrzec Podl. PIG, J.Chowaniec, 2004.

PRZEKRÓJ HYDROGEOLOGICZNY II-II

fragment

Zaklęsłość Łomaska



Przepływ w ośrodku porowym

- piaski i żwiry
- piaski

Przepływ w ośrodku szczelinowym

- wapienie
- piaskowce

Przepływ ograniczony, brak przepływu

- piaski pylaste
- mułki, mułki piaszczyste
- mułki ilaste
- gliny
- kreda pisząca
- margle
- iłowce

150,7 / 95,0 — rzędna zwierciadła wody w m npm. / ujęta część warstwy wodonośnej / głębokość otworu w m

zwierciadło wody podziemnej: a-ustalone, b-nawiercone

zwierciadło głównego poziomu użytkowego

granica stratygraficzna

Stratygrafia utworów

Q	czwartorzęd
Tr	trzeciorzęd
Cr_3	kreda górna
Cr_1	kreda dolna
J	jura
S	sylur

5 bc Q I — symbol jednostki hydrogeologicznej

Przekrój I - I — miejsce przecięcia się przekrojów

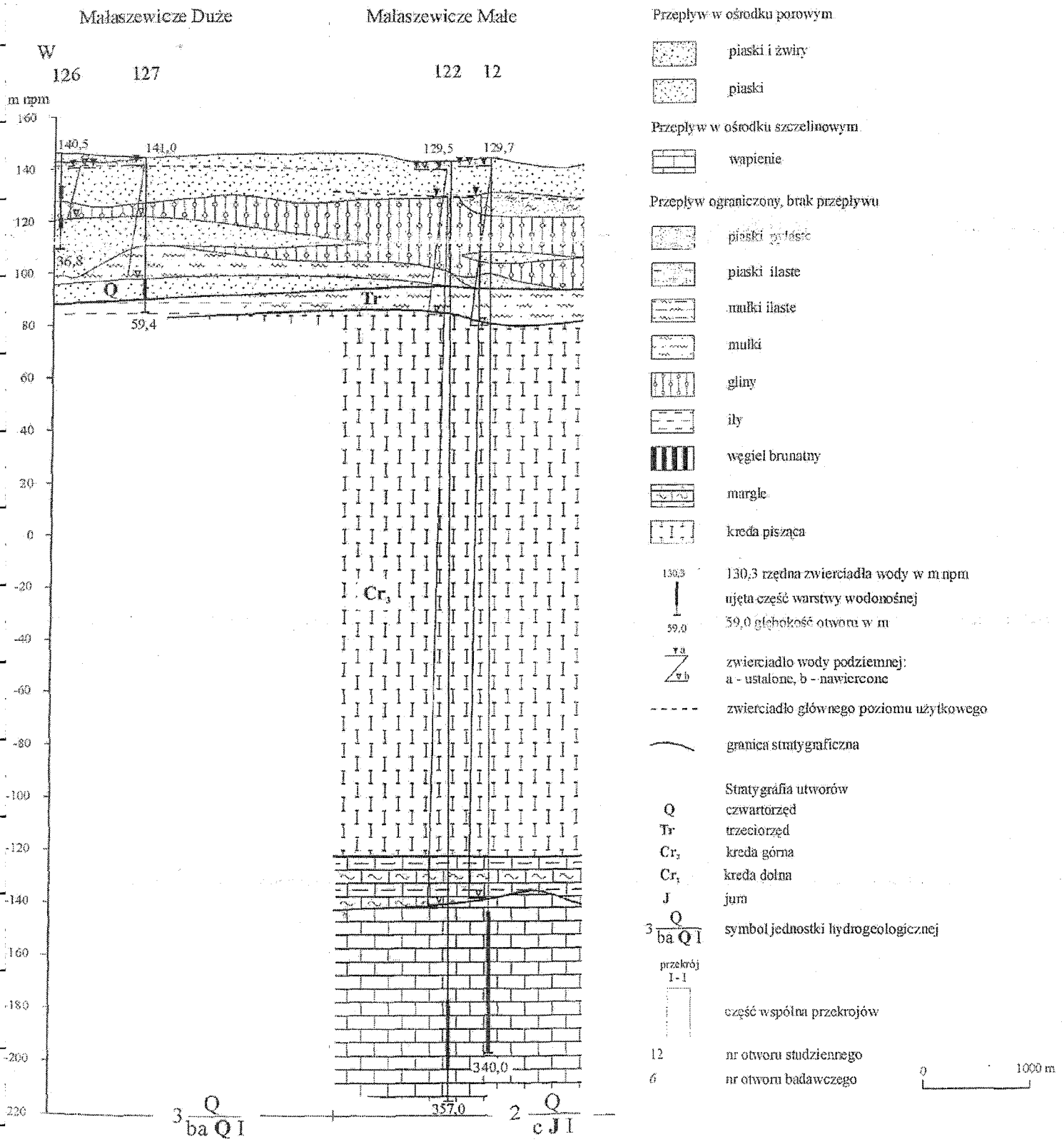
0 1000 m

Wycinek Przekroju hydrogeologicznego - Mapa hydrogeologiczna Polski w skali 1:50000 ark. 568 Biała Podlaska, Państwowy Instytut Geologiczny

PRZEKRÓJ HYDROGEOLOGICZNY II-II

fragment

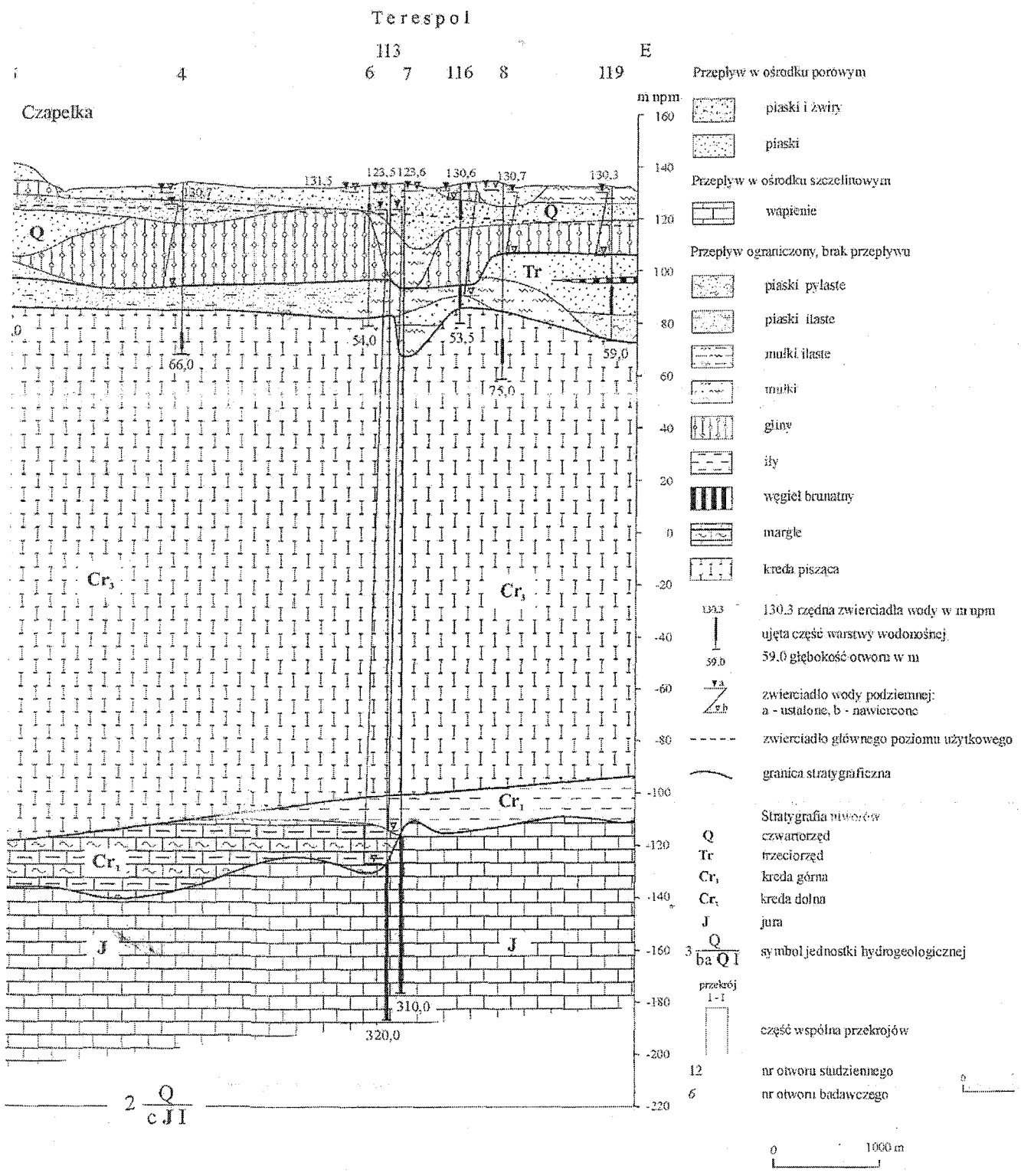
Równina Kodeńska



Wycinek Przekroju hydrogeologicznego - Mapa hydrogeologiczna Polski w skali 1:50000 ark. 570 Terespol, Państwowy Instytut Geologiczny

PRZEKRÓJ HYDROGEOLOGICZNY II-II

fragment

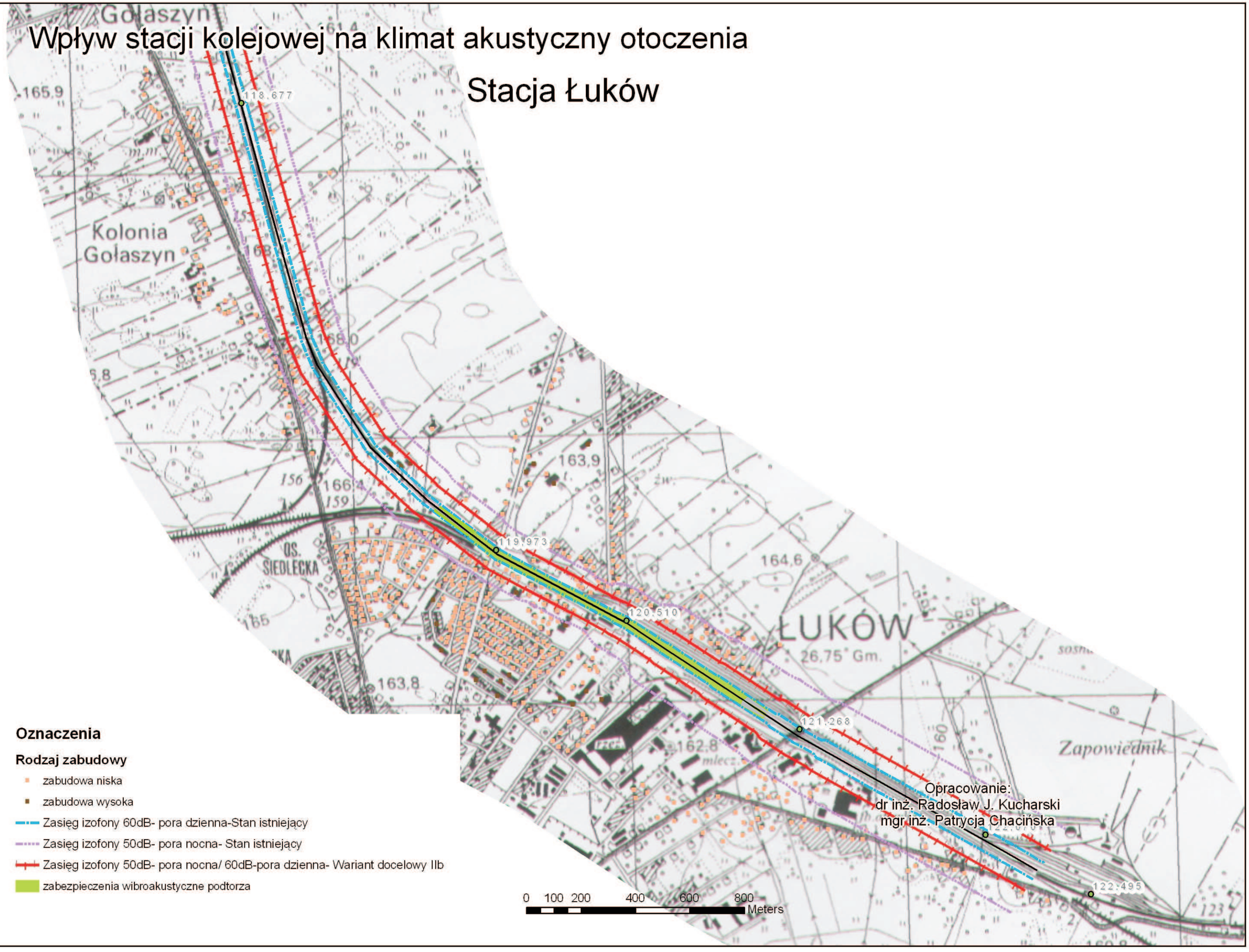


Wycinek Przekroju hydrogeologicznego - Mapa hydrogeologiczna Polski w skali 1:50000
ark. 570 Terespol, Państwowy Instytut Geologiczny

Załącznik 4 – Wpływ stacji kolejowych na klimat akustyczny otoczenia. Mapy.

Wpływ stacji kolejowej na klimat akustyczny otoczenia

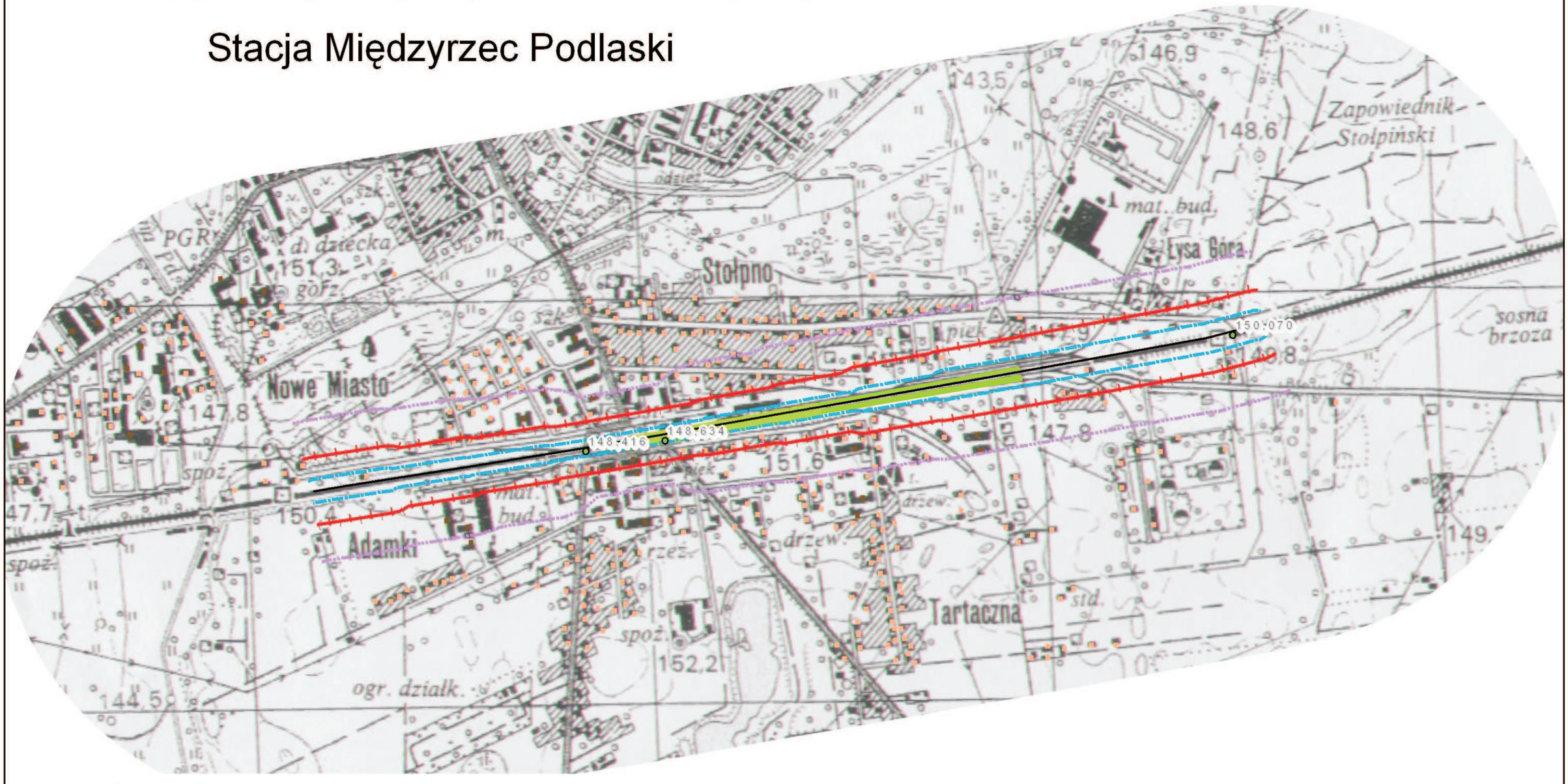
Stacja Łuków



Opracowanie:
dr inż. Radosław J. Kucharski
mgr inż. Patrycja Chacińska

Wpływ stacji kolejowej na klimat akustyczny otoczenia

Stacja Międzyrzec Podlaski



Oznaczenia

Rodzaj zabudowy

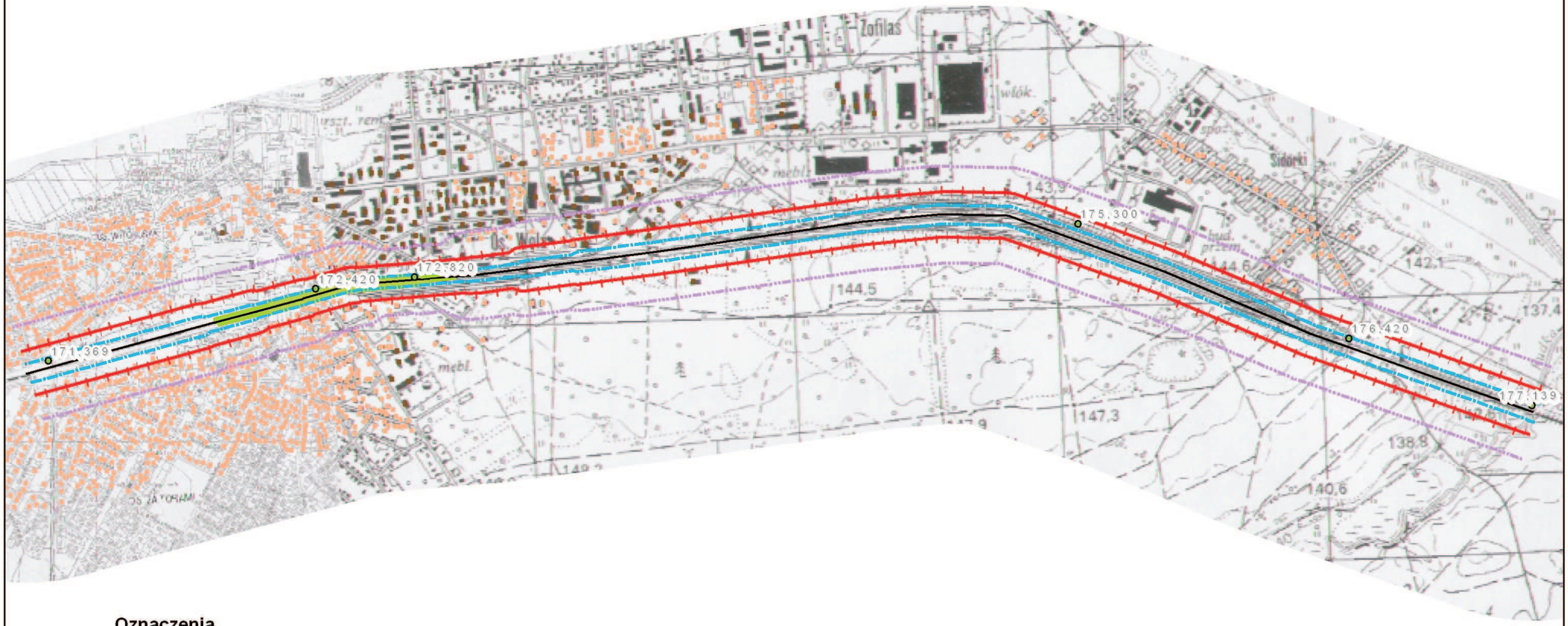
- zabudowa niska
- zabudowa wysoka
- Zasięg izofony 60dB- pora dzienna-Stan istniejący
- Zasięg izofony 50dB- pora nocna- Stan istniejący
- Zasięg izofony 50dB- pora nocna/ 60dB-pora dzienna- Wariant docelowy IIb
- zabezpieczenia wibroakustyczne podtorza

0 100 200 400 600 800 Meters

Opracowanie:
dr inż. Radosław J. Kucharski
mgr inż. Patrycja Chacińska

Wpływ stacji kolejowej na klimat akustyczny otoczenia

Stacja Biała Podlaska



Oznaczenia

Rodzaj zabudowy

- zabudowa niska
- zabudowa wysoka
- Zasięg izofony 60dB- pora dzienna-Stan istniejący
- Zasięg izofony 50dB- pora nocna- Stan istniejący
- Zasięg izofony 50dB- pora nocna/ 60dB-pora dzienna- Wariant docelowy IIb
- zabezpieczenia wibroakustyczne podtorza

0 100 200 400 600 800 Meters

Opracowanie:
dr inż. Radosław J. Kucharski
mgr inż. Patrycja Chacińska

Załącznik 5.1 –

Aktualny stan jakości powietrza

WOJEWÓDZKI INSPEKTORAT OCHRONY ŚRODOWISKA
w Lublinie
DELEGATURA W BIAŁEJ PODLASKIEJ
21-500 Biała Podlaska, ul. Brzegowa 2
tel./fa 342 19 50, tel. 342 11 70

Biała Podlaska dnia 02 marca 2006r.

DBP-DMŚ-07/Z/09/318 /06

GEOS consulting
Zakład Ochrony Środowiska
ul. Ruskowy Bród 28
03-289 WARSZAWA

Informacja
o aktualnym stanie zanieczyszczenia powietrza

Działając na podstawie art. 19 ust. 1, ust. 3 pkt 1, ust. 4 ustawy z dnia 27 kwietnia 2001 roku – Prawo ochrony środowiska (Dz.U. z 2001r. Nr 62, poz. 627 z późn. zmianami), § 2 rozporządzenia Ministra Środowiska z dnia 6 czerwca 2002r. w sprawie dopuszczalnych poziomów niektórych substancji w powietrzu, alarmowych poziomów niektórych substancji w powietrzu oraz marginesów tolerancji dla dopuszczalnych poziomów niektórych substancji (Dz.U. Nr 87 z 2002r., poz. 796) oraz załącznika nr 4 do rozporządzenia Ministra Środowiska z dnia 5 grudnia 2002r. w sprawie wartości odniesienia dla niektórych substancji w powietrzu (Dz.U. z 2003r. Nr 1, poz. 12), a także w oparciu o wyjaśnienia Głównego Inspektoratu Ochrony Środowiska zawarte w piśmie z dnia 05.06.2003r. znak: DM-07-35/2003/SR/RJ w sprawie udzielania informacji o aktualnym stanie zanieczyszczenia powietrza

w odpowiedzi na pismo z dnia 01.03.2006 roku w sprawie podania aktualnego stanu zanieczyszczenia powietrza dla miejscowości Łuków, Międzyrzec Podlaski, Biała Podlaska, Małaszewicze i Terespol

o k r e ś l a m

wartości średnioroczne stężeń zanieczyszczeń dla miejscowości:

1. Biała Podlaska

Lp.	Substancja	Jednostka	Stężenia średnioroczne (S_a)	Dopuszczalne stężenia średnioroczne (D_a)	S_a/D_a[%]
1.	Dwutlenek azotu	$\mu g/m^3$	13,6	40	34,0
2.	Pył zawieszony PM10*	$\mu g/m^3$	17,5	40	43,8
3.	Benzen	$\mu g/m^3$	2,0	5,0	40,0
4.	Ołów	$\mu g/m^3$	0,0062	0,5	1,24

2. Międzyrzec Podlaski

Lp.	Substancja	Jednostka	Stężenia średnioroczne (S_a)	Dopuszczalne stężenia średnioroczne (D_a)	S_a/D_a[%]
5.	Dwutlenek azotu	$\mu g/m^3$	15,4	40	38,5
6.	Pył zawieszony PM10*	$\mu g/m^3$	20,2	40	50,5
7.	Benzen	$\mu g/m^3$	2,1	5,0	42,0
8.	Ołów	$\mu g/m^3$	0,0063	0,5	1,26

3. Małaszewicze

Lp.	Substancja	Jednostka	Stężenia średnioroczne (S_a)	Dopuszczalne stężenia średnioroczne (D_a)	S_a/D_a[%]
9.	Dwutlenek azotu	$\mu g/m^3$	15,6	40	39,0
10.	Pył zawieszony PM10*	$\mu g/m^3$	20,5	40	51,3
11.	Benzen	$\mu g/m^3$	2,3	5,0	46,0
12.	Ołów	$\mu g/m^3$	0,0064	0,5	1,28

4. Terespol

Lp.	Substancja	Jednostka	Stężenia średnioroczne (S_a)	Dopuszczalne stężenia średnioroczne (D_a)	S_a/D_a[%]
13.	Dwutlenek azotu	$\mu g/m^3$	15,7	40	39,3
14.	Pył zawieszony PM10*	$\mu g/m^3$	20,7	40	51,8
15.	Benzen	$\mu g/m^3$	2,4	5,0	48,0
16.	Ołów	$\mu g/m^3$	0,0063	0,5	1,26

5. Łuków

Lp.	Substancja	Jednostka	Stężenia średnioroczne (S_a)	Dopuszczalne stężenia średnioroczne (D_a)	S_a/D_a[%]
17.	Dwutlenek azotu	$\mu g/m^3$	20,2	40	50,5
18.	Pył zawieszony PM10*	$\mu g/m^3$	25,5	40	63,8
19.	Benzen	$\mu g/m^3$	2,5	5,0	50,0
20.	Ołów	$\mu g/m^3$	0,0065	0,5	1,3

Objaśnienia:

*- stężenie pyłu o średnicy aerodynamicznej ziaren do 10 μm (PM10) mierzone metodą wagową z separacją frakcji lub metodami uznanymi za równorzędne

Aktualne wartości stężeń średniorocznych określono na podstawie:

- wyników pomiarów prowadzonych przez Powiatową Stację Sanitarno-Epidemiologiczną w Białej Podlaskiej i Wojewódzki Inspektorat Ochrony Środowiska w Lublinie Delegaturę w Białej Podlaskiej,
- szacunku poziomu emisji na terenach o podobnym charakterze.

Ponadto informuję, że nie są prowadzone badania pozostałych substancji zanieczyszczających wymienionych we wniosku.

Jednocześnie informuję, że aktualny stan zanieczyszczenia powietrza określa się dla substancji, które wymienione są w liczbie porządkowej od 1 do 7 załącznika nr 1 do cytowanego na wstępie rozporządzenia Ministra Środowiska z dnia 6 czerwca 2002r., dla których określone są dopuszczalne stężenia średnioroczne.

W załączeniu przesyłam rachunek za udostępnianie informacji o środowisku i jego ochronie.

Z poważaniem

KIEROWNIK DELEGATURY
w Białej Podlaskiej
mgr Edward Dec

Otrzymują:
1. Adresat
2. A/a

Załącznik 5.2 – Obliczenia rozprzestrzeniania się zanieczyszczeń powietrza w granicach stacji kolejowych wraz z prezentacją graficzną

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 6.02 @@@@@@@@@@@

DANE ZANIECZYSZCZEN :

numer	typ	czestosc	nazwa zanieczyszczenia
1	gaz	.20	dwutlenek azotu
2	pyl	.20	pyl PM10
3	gaz	.20	benzen

DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :

zanieczyszczenie nr 1 [ug/m3] - dwutlenek azotu
d1 = 200.00| da = 40.000| tlo = 20.200

zanieczyszczenie nr 2 [ug/m3] - pyl PM10
d1 = 280.00| da = 40.000| tlo = 25.500

zanieczyszczenie nr 3 [ug/m3] - benzen
d1 = 30.000| da = 5.0000| tlo = 2.5000

DANE PODOKRESOW EMISJI :

numer podokresu	numer sezonu	udzial podokresu w sezonie
1	1	.0580

SZORSTKOSC AERODYNAMICZNA :
z0 [m] = 1.000

DANE EMITOROW :

EMITOR NR 1 - POWIERZCHNIOWY "

wysokosc hp[m]	liczba okresow emisji	liczba wierzcholkow	modul podzialu [m]
.5	1	8	20.0

wspolrzedne wierzcholkow emitora :

xp[m]	yp[m]	xp[m]	yp[m]	xp[m]	yp[m]
-50.0	970.0	1750.0	-80.0	1770.0	-30.0
1120.0	365.0	980.0	490.0	460.0	800.0
220.0	850.0	-40.0	1020.0		

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

NUMER OKRESU 1 | sezon 1

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

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
emisja [kg/h]	14.490	1.6800	.063000

SUMA EMISJI W PODOKRESACH [kg/h]

numery podokresow	numery zanieczyszczen 1	2	3
1	14.490	1.6800	.063000

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 6.02 @@@

EKO-KOM tel. 602 48 99 66
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W y n i k i o b l i c z e n d l a z a n i e c z y s z c z e n g a z o w y c h z t l e m

Uzytkownik : Jan Szymczyk
Licencja nr : autorski
data obliczen : 2006-04-09
identyfikator : lukow
opis projektu :
Naprawa torowiska na stacji kolejowej w Lukowie
Zan 1 - NO2, Zan 2 - pyl PM10, Zan 3 - benzen

Wyniki obliczen w wezlach siatki prostokatnej

ZANIECZYSZCZENIE NR 1 - dwutlenek azotu

dopuszczalne D1 = 200.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 20.20 [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	20.200v	.000v	.00v	.00v
2	50	0	0	20.200v	.000v	.00v	.00v
3	100	0	0	20.200v	.000v	.00v	.00v
4	150	0	0	20.200v	.000v	.00v	.00v
5	200	0	0	20.200v	.000v	.00v	.00v
6	250	0	0	20.200v	.000v	.00v	.00v
7	300	0	0	20.200v	.000v	.00v	.00v
8	350	0	0	20.200v	.000v	.00v	.00v
9	400	0	0	20.200v	.000v	.00v	.00v
10	450	0	0	20.200v	.000v	.00v	.00v
11	500	0	0	20.200v	.000v	.00v	.00v
12	550	0	0	20.200v	.000v	.00v	.00v
13	600	0	0	20.200	.000v	1.87	.00v
14	650	0	0	20.205	.000v	9.01	.00v
15	700	0	0	20.217	.000v	23.23	.00v
16	750	0	0	20.238	.000v	43.64	.00v
17	800	0	0	20.260	.000v	64.72	.00v
18	850	0	0	20.282	.000v	82.80	.00v
19	900	0	0	20.301	.000v	94.63	.00v
20	950	0	0	20.322	.000v	107.70	.18
21	1000	0	0	20.346	.000v	114.64	9.63
22	1050	0	0	20.376	.000v	127.88	28.64
23	1100	0	0	20.413	.000v	129.29	56.12
24	1150	0	0	20.460	.000v	140.82	75.74

25	1200	0	0	20.510	.000v	144.40	89.77
26	1250	0	0	20.577	.000v	155.24	108.65
27	1300	0	0	20.663	.000v	170.81	133.61
28	1350	0	0	20.775	.000v	191.39	158.74
29	1400	0	0	20.946	.057	227.17	183.07
30	1450	0	0	21.217	.241 *	275.80	207.09 *
31	1500	0	0	21.675	.288 *	334.25	246.37 *
32	0	50	0	20.200v	.000v	.00v	.00v
33	50	50	0	20.200v	.000v	.00v	.00v
34	100	50	0	20.200v	.000v	.00v	.00v
35	150	50	0	20.200v	.000v	.00v	.00v
36	200	50	0	20.200v	.000v	.00v	.00v
37	250	50	0	20.200v	.000v	.00v	.00v
38	300	50	0	20.200v	.000v	.00v	.00v
39	350	50	0	20.200v	.000v	.00v	.00v
40	400	50	0	20.200v	.000v	.00v	.00v
41	450	50	0	20.200v	.000v	.00v	.00v
42	500	50	0	20.200	.000v	.60	.00v
43	550	50	0	20.203	.000v	6.15	.00v
44	600	50	0	20.214	.000v	21.04	.00v
45	650	50	0	20.230	.000v	40.40	.00v
46	700	50	0	20.255	.000v	61.17	.00v
47	750	50	0	20.280	.000v	81.24	.00v
48	800	50	0	20.304	.000v	95.80	.00v
49	850	50	0	20.324	.000v	117.56	.00v
50	900	50	0	20.349	.000v	128.48	3.22
51	950	50	0	20.376	.000v	139.98	17.14
52	1000	50	0	20.413	.000v	141.55	46.78
53	1050	50	0	20.457	.000v	159.98	70.00
54	1100	50	0	20.507	.000v	170.75	89.01
55	1150	50	0	20.573	.000v	177.24	112.58
56	1200	50	0	20.653	.000v	197.62	137.21
57	1250	50	0	20.769	.014	215.25	159.15
58	1300	50	0	20.930	.053	236.45	180.43
59	1350	50	0	21.178	.237 *	265.19	204.33 *
60	1400	50	0	21.581	.286 *	325.82	239.55 *
61	1450	50	0	22.324	.381 *	413.41	298.90 *
62	1500	50	0	24.116	.682 *	621.96	416.65 *
63	0	100	0	20.200v	.000v	.00v	.00v
64	50	100	0	20.200v	.000v	.00v	.00v
65	100	100	0	20.200v	.000v	.00v	.00v
66	150	100	0	20.200v	.000v	.00v	.00v
67	200	100	0	20.200v	.000v	.00v	.00v
68	250	100	0	20.200v	.000v	.00v	.00v
69	300	100	0	20.200v	.000v	.00v	.00v
70	350	100	0	20.200v	.000v	.00v	.00v
71	400	100	0	20.200v	.000v	.00v	.00v
72	450	100	0	20.201	.000v	3.92	.00v
73	500	100	0	20.210	.000v	15.46	.00v
74	550	100	0	20.225	.000v	31.22	.00v
75	600	100	0	20.247	.000v	55.87	.00v
76	650	100	0	20.277	.000v	77.13	.00v
77	700	100	0	20.304	.000v	94.14	.00v
78	750	100	0	20.332	.000v	115.26	.00v
79	800	100	0	20.355	.000v	128.56	1.32
80	850	100	0	20.384	.000v	144.24	13.60
81	900	100	0	20.418	.000v	154.32	43.60
82	950	100	0	20.461	.000v	170.86	66.57
83	1000	100	0	20.507	.000v	183.00	87.68
84	1050	100	0	20.570	.000v	197.81	102.88
85	1100	100	0	20.649	.020	214.72	124.59

86	1150	100	0	20.754	.032	236.06	155.09
87	1200	100	0	20.904	.049	266.94	178.95
88	1250	100	0	21.131	.232 *	300.45	203.62 *
89	1300	100	0	21.492	.283 *	342.29	235.40 *
90	1350	100	0	22.113	.367 *	419.35	288.82 *
91	1400	100	0	23.443	.584 *	571.56	386.82 *
92	1450	100	0	27.576	1.165 *	1171.21	554.99 *
93	1500	100	0	29.505	1.571 *	1119.37	504.60 *
94	0	150	0	20.200v	.000v	.00v	.00v
95	50	150	0	20.200v	.000v	.00v	.00v
96	100	150	0	20.200v	.000v	.00v	.00v
97	150	150	0	20.200v	.000v	.00v	.00v
98	200	150	0	20.200v	.000v	.00v	.00v
99	250	150	0	20.200v	.000v	.00v	.00v
100	300	150	0	20.200v	.000v	.00v	.00v
101	350	150	0	20.200	.000v	2.54	.00v
102	400	150	0	20.207	.000v	13.62	.00v
103	450	150	0	20.219	.000v	29.20	.00v
104	500	150	0	20.241	.000v	49.08	.00v
105	550	150	0	20.267	.000v	71.90	.00v
106	600	150	0	20.298	.000v	92.63	.00v
107	650	150	0	20.328	.000v	109.84	.00v
108	700	150	0	20.357	.000v	125.35	.00v
109	750	150	0	20.389	.000v	140.56	9.80
110	800	150	0	20.426	.000v	154.10	30.06
111	850	150	0	20.469	.000v	174.46	54.30
112	900	150	0	20.516	.000v	186.38	83.22
113	950	150	0	20.576	.011	204.37	104.43
114	1000	150	0	20.645	.037	223.55	128.25
115	1050	150	0	20.748	.051	246.71	157.60
116	1100	150	0	20.885	.058	278.00	175.93
117	1150	150	0	21.092	.207 *	328.84	202.91 *
118	1200	150	0	21.405	.279 *	366.63	233.69 *
119	1250	150	0	21.941	.353 *	434.70	277.79 *
120	1300	150	0	22.996	.533 *	564.26	365.81 *
121	1350	150	0	25.853	.891 *	874.47	547.22 *
122	1400	150	0	27.503	1.002 *	1007.70	476.59 *
123	1450	150	0	29.210	1.452 *	1055.79	570.73 *
124	1500	150	0	25.482	.913 *	673.59	479.81 *
125	0	200	0	20.200v	.000v	.00v	.00v
126	50	200	0	20.200v	.000v	.00v	.00v
127	100	200	0	20.200v	.000v	.00v	.00v
128	150	200	0	20.200v	.000v	.00v	.00v
129	200	200	0	20.200v	.000v	.00v	.00v
130	250	200	0	20.200	.000v	.61	.00v
131	300	200	0	20.204	.000v	8.32	.00v
132	350	200	0	20.215	.000v	22.62	.00v
133	400	200	0	20.233	.000v	40.84	.00v
134	450	200	0	20.261	.000v	63.32	.00v
135	500	200	0	20.289	.000v	86.28	.00v
136	550	200	0	20.323	.000v	108.86	.00v
137	600	200	0	20.353	.000v	119.40	.00v
138	650	200	0	20.388	.000v	137.64	7.34
139	700	200	0	20.427	.000v	154.37	26.11
140	750	200	0	20.474	.000v	171.53	51.02
141	800	200	0	20.526	.000v	183.12	79.40
142	850	200	0	20.589	.002	201.77	103.22
143	900	200	0	20.658	.058	223.77	126.26
144	950	200	0	20.751	.072	249.21	147.85
145	1000	200	0	20.876	.078	272.07	176.82
146	1050	200	0	21.063	.198	316.07	198.17

147	1100	200	0	21.347	.273 *	373.75	226.42 *
148	1150	200	0	21.811	.338 *	458.25	267.74 *
149	1200	200	0	22.669	.414 *	561.79	329.26 *
150	1250	200	0	25.053	.824 *	847.93	504.10 *
151	1300	200	0	28.721	1.366 *	1116.13	519.30 *
152	1350	200	0	31.226	1.778 *	1270.61	589.09 *
153	1400	200	0	27.118	1.103 *	828.41	570.63 *
154	1450	200	0	23.785	.593 *	480.74	340.67 *
155	1500	200	0	22.437	.413 *	351.16	261.05 *
156	0	250	0	20.200v	.000v	.00v	.00v
157	50	250	0	20.200v	.000v	.00v	.00v
158	100	250	0	20.200v	.000v	.00v	.00v
159	150	250	0	20.200v	.000v	.00v	.00v
160	200	250	0	20.202	.000v	5.59	.00v
161	250	250	0	20.211	.000v	18.38	.00v
162	300	250	0	20.227	.000v	36.74	.00v
163	350	250	0	20.251	.000v	59.55	.00v
164	400	250	0	20.281	.000v	80.19	.00v
165	450	250	0	20.312	.000v	100.77	.00v
166	500	250	0	20.344	.000v	117.10	.00v
167	550	250	0	20.378	.000v	133.56	3.53
168	600	250	0	20.421	.000v	151.17	16.78
169	650	250	0	20.467	.000v	167.28	41.48
170	700	250	0	20.523	.000v	183.08	73.60
171	750	250	0	20.590	.000v	198.28	99.75
172	800	250	0	20.663	.077	217.45	123.05
173	850	250	0	20.763	.128	242.56	150.58
174	900	250	0	20.886	.146	268.75	176.30
175	950	250	0	21.060	.224 *	312.27	203.64 *
176	1000	250	0	21.316	.275 *	363.70	233.72 *
177	1050	250	0	21.722	.329 *	434.07	270.18 *
178	1100	250	0	22.435	.399 *	545.72	321.71 *
179	1150	250	0	24.060	.659 *	761.24	450.81 *
180	1200	250	0	26.230	.944 *	1051.20	513.37 *
181	1250	250	0	30.196	1.390 *	1117.46	658.86 *
182	1300	250	0	27.129	1.136 *	942.99	509.86 *
183	1350	250	0	24.757	.810 *	574.72	408.67 *
184	1400	250	0	22.871	.494 *	389.33	293.96 *
185	1450	250	0	21.987	.371 *	305.65	238.63 *
186	1500	250	0	21.458	.185	244.67	198.64
187	0	300	0	20.200v	.000v	.00v	.00v
188	50	300	0	20.200v	.000v	.00v	.00v
189	100	300	0	20.201	.000v	3.56	.00v
190	150	300	0	20.208	.000v	12.57	.00v
191	200	300	0	20.222	.000v	29.49	.00v
192	250	300	0	20.245	.000v	49.63	.00v
193	300	300	0	20.272	.000v	74.89	.00v
194	350	300	0	20.306	.000v	98.70	.00v
195	400	300	0	20.335	.000v	112.32	.00v
196	450	300	0	20.370	.000v	130.04	1.14
197	500	300	0	20.410	.000v	149.32	14.49
198	550	300	0	20.458	.000v	164.19	38.48
199	600	300	0	20.513	.000v	175.65	73.50
200	650	300	0	20.582	.000v	195.61	99.59
201	700	300	0	20.656	.103	211.91	125.51
202	750	300	0	20.755	.142	236.82	152.66
203	800	300	0	20.882	.162	266.02	177.22
204	850	300	0	21.051	.215 *	293.61	203.03 *
205	900	300	0	21.303	.273 *	348.73	236.26 *
206	950	300	0	21.680	.336 *	414.20	281.65 *
207	1000	300	0	22.311	.389 *	512.93	341.13 *

208	1050	300	0	23.558	.581 *	695.27	437.23 *
209	1100	300	0	26.675	.990 *	1012.07	572.35 *
210	1150	300	0	31.429	1.795 *	1421.92	619.33 *
211	1200	300	0	29.744	1.510 *	1196.86	593.92 *
212	1250	300	0	26.409	1.060 *	719.39	524.30 *
213	1300	300	0	23.419	.559 *	454.32	331.46 *
214	1350	300	0	22.300	.409 *	335.90	263.88 *
215	1400	300	0	21.666	.352 *	266.60	215.60 *
216	1450	300	0	21.267	.052	227.89	183.19
217	1500	300	0	21.004	.000v	186.03	160.09
218	0	350	0	20.200	.000v	2.20	.00v
219	50	350	0	20.205	.000v	9.95	.00v
220	100	350	0	20.218	.000v	25.28	.00v
221	150	350	0	20.236	.000v	46.14	.00v
222	200	350	0	20.262	.000v	67.43	.00v
223	250	350	0	20.292	.000v	91.39	.00v
224	300	350	0	20.324	.000v	110.01	.00v
225	350	350	0	20.357	.000v	124.48	.00v
226	400	350	0	20.396	.000v	143.33	8.74
227	450	350	0	20.441	.000v	158.91	24.72
228	500	350	0	20.498	.000v	173.83	55.68
229	550	350	0	20.567	.000v	193.15	89.22
230	600	350	0	20.643	.065	208.89	124.08
231	650	350	0	20.742	.146	230.21	157.21
232	700	350	0	20.861	.175	255.01	175.76
233	750	350	0	21.029	.213 *	290.51	205.52 *
234	800	350	0	21.265	.275 *	331.84	245.95 *
235	850	350	0	21.626	.330 *	399.72	288.96 *
236	900	350	0	22.199	.380 *	483.29	344.87 *
237	950	350	0	23.260	.541 *	616.39	428.52 *
238	1000	350	0	25.615	.883 *	919.34	580.31 *
239	1050	350	0	29.931	1.477 *	1137.33	688.17 *
240	1100	350	0	28.965	1.355 *	1132.95	520.92 *
241	1150	350	0	27.736	1.177 *	1038.58	589.78 *
242	1200	350	0	24.182	.733 *	610.56	394.63 *
243	1250	350	0	22.688	.487 *	428.55	292.73 *
244	1300	350	0	21.905	.375 *	326.64	236.84 *
245	1350	350	0	21.433	.200 *	255.75	200.20 *
246	1400	350	0	21.121	.000v	199.88	171.55
247	1450	350	0	20.911	.000v	170.24	150.40
248	1500	350	0	20.754	.000v	151.84	131.92
249	0	400	0	20.213	.000v	19.09	.00v
250	50	400	0	20.228	.000v	35.57	.00v
251	100	400	0	20.248	.000v	58.51	.00v
252	150	400	0	20.276	.000v	85.37	.00v
253	200	400	0	20.305	.000v	102.48	.00v
254	250	400	0	20.339	.000v	121.48	.00v
255	300	400	0	20.376	.000v	137.30	5.93
256	350	400	0	20.421	.000v	156.83	19.34
257	400	400	0	20.474	.000v	171.17	46.35
258	450	400	0	20.541	.000v	186.32	80.46
259	500	400	0	20.618	.022	204.14	113.85
260	550	400	0	20.718	.140	225.80	151.97
261	600	400	0	20.839	.179	252.24	173.61
262	650	400	0	20.995	.210 *	280.89	220.17 *
263	700	400	0	21.217	.268 *	319.13	260.70 *
264	750	400	0	21.547	.325 *	371.66	314.96 *
265	800	400	0	22.068	.378 *	450.21	368.32 *
266	850	400	0	22.985	.512 *	586.22	439.71 *
267	900	400	0	25.036	.800 *	817.51	586.97 *
268	950	400	0	30.285	1.425 *	1414.72	703.06 *

269	1000	400	0	31.699	1.934 *	1237.82	628.79 *
270	1050	400	0	32.541	1.886 *	1373.96	690.62 *
271	1100	400	0	26.360	1.008 *	939.43	525.48 *
272	1150	400	0	23.368	.549 *	601.39	334.42 *
273	1200	400	0	22.258	.411 *	444.44	264.54 *
274	1250	400	0	21.645	.358 *	334.85	218.12 *
275	1300	400	0	21.262	.073	269.77	186.16
276	1350	400	0	21.011	.017	213.78	161.18
277	1400	400	0	20.832	.000v	167.93	142.35
278	1450	400	0	20.703	.000v	141.96	123.58
279	1500	400	0	20.605	.000v	124.02	108.29
280	0	450	0	20.236	.000v	48.24	.00v
281	50	450	0	20.254	.000v	60.86	.00v
282	100	450	0	20.280	.000v	96.10	.00v
283	150	450	0	20.310	.000v	108.08	.00v
284	200	450	0	20.348	.000v	129.71	.64
285	250	450	0	20.391	.000v	147.39	12.58
286	300	450	0	20.444	.000v	168.51	33.98
287	350	450	0	20.505	.000v	182.84	59.16
288	400	450	0	20.580	.012	201.41	84.48
289	450	450	0	20.676	.121	218.44	130.14
290	500	450	0	20.791	.162	245.12	166.76
291	550	450	0	20.951	.199	271.94	198.85
292	600	450	0	21.159	.261 *	307.76	263.79 *
293	650	450	0	21.466	.312 *	359.13	313.67 *
294	700	450	0	21.930	.368 *	432.89	357.04 *
295	750	450	0	22.720	.476 *	532.10	425.60 *
296	800	450	0	24.338	.642 *	730.53	557.26 *
297	850	450	0	28.301	1.180 *	1130.23	734.30 *
298	900	450	0	29.898	1.543 *	1135.25	626.98 *
299	950	450	0	32.716	2.088 *	1212.41	756.34 *
300	1000	450	0	29.506	1.422 *	1157.87	617.84 *
301	1050	450	0	26.041	.910 *	899.65	514.28 *
302	1100	450	0	23.179	.539 *	592.62	320.91 *
303	1150	450	0	22.063	.395 *	450.97	244.64 *
304	1200	450	0	21.486	.235 *	353.87	203.12 *
305	1250	450	0	21.153	.068	281.71	175.59
306	1300	450	0	20.927	.031	221.00	151.55
307	1350	450	0	20.774	.000v	182.11	134.14
308	1400	450	0	20.658	.000v	144.59	117.21
309	1450	450	0	20.572	.000v	119.13	100.76
310	1500	450	0	20.498	.000v	110.33	84.97
311	0	500	0	20.257	.000v	69.91	.00v
312	50	500	0	20.282	.000v	89.19	.00v
313	100	500	0	20.311	.000v	115.91	.00v
314	150	500	0	20.352	.000v	138.85	9.25
315	200	500	0	20.402	.000v	160.36	31.19
316	250	500	0	20.464	.000v	177.29	54.40
317	300	500	0	20.535	.000v	194.41	68.51
318	350	500	0	20.626	.082	215.75	102.29
319	400	500	0	20.733	.139	235.84	143.19
320	450	500	0	20.880	.172	259.55	182.12
321	500	500	0	21.077	.240 *	295.87	227.21 *
322	550	500	0	21.362	.298 *	337.43	298.58 *
323	600	500	0	21.786	.357 *	400.95	348.49 *
324	650	500	0	22.468	.399 *	498.10	404.65 *
325	700	500	0	23.762	.572 *	653.13	500.49 *
326	750	500	0	27.406	1.061 *	1138.75	718.63 *
327	800	500	0	31.153	1.690 *	1203.51	716.06 *
328	850	500	0	34.153	2.287^*	1412.51	732.00 *
329	900	500	0	32.681	2.048 *	1276.61	710.15 *

330	950	500	0	31.366	1.616 *	1242.65	781.04 *
331	1000	500	0	25.504	.846 *	740.41	515.00 *
332	1050	500	0	23.076	.521 *	537.07	346.76 *
333	1100	500	0	22.003	.397 *	423.94	254.63 *
334	1150	500	0	21.419	.190	350.74	197.39
335	1200	500	0	21.086	.085	284.89	165.23
336	1250	500	0	20.872	.042	237.00	144.47
337	1300	500	0	20.729	.000v	193.96	128.27
338	1350	500	0	20.626	.000v	156.03	111.26
339	1400	500	0	20.540	.000v	125.10	93.63
340	1450	500	0	20.473	.000v	101.40	76.20
341	1500	500	0	20.418	.000v	91.76	62.32
342	0	550	0	20.279	.000v	90.36	.00v
343	50	550	0	20.308	.000v	112.70	.64
344	100	550	0	20.350	.000v	149.69	20.55
345	150	550	0	20.407	.000v	159.41	43.76
346	200	550	0	20.475	.000v	191.62	63.97
347	250	550	0	20.563	.032	207.15	79.15
348	300	550	0	20.663	.095	229.54	113.92
349	350	550	0	20.804	.147	253.61	155.70
350	400	550	0	20.980	.189	285.12	196.07
351	450	550	0	21.241	.267 *	320.41	259.49 *
352	500	550	0	21.622	.326 *	376.90	328.48 *
353	550	550	0	22.227	.386 *	465.88	387.03 *
354	600	550	0	23.285	.532 *	581.99	473.95 *
355	650	550	0	25.791	.875 *	920.05	636.98 *
356	700	550	0	28.407	1.184 *	1079.39	679.01 *
357	750	550	0	32.666	1.994 *	1174.97	810.17^*
358	800	550	0	31.198	1.810 *	1152.62	655.10 *
359	850	550	0	31.688	1.775 *	1277.47	757.53 *
360	900	550	0	27.343	1.102 *	922.27	689.68 *
361	950	550	0	24.301	.715 *	598.19	474.97 *
362	1000	550	0	22.801	.507 *	461.16	365.31 *
363	1050	550	0	21.922	.387 *	372.03	277.13 *
364	1100	550	0	21.379	.229 *	321.49	215.23 *
365	1150	550	0	21.056	.125	270.84	161.86
366	1200	550	0	20.841	.055	237.26	139.49
367	1250	550	0	20.703	.000v	197.36	123.26
368	1300	550	0	20.596	.000v	163.47	106.29
369	1350	550	0	20.516	.000v	133.20	88.93
370	1400	550	0	20.450	.000v	103.09	70.73
371	1450	550	0	20.396	.000v	87.22	58.00
372	1500	550	0	20.352	.000v	74.90	44.80
373	0	600	0	20.308	.000v	117.26	6.78
374	50	600	0	20.348	.000v	142.60	24.14
375	100	600	0	20.403	.000v	166.03	47.40
376	150	600	0	20.481	.000v	196.01	73.10
377	200	600	0	20.575	.030	216.13	87.97
378	250	600	0	20.704	.086	251.18	116.64
379	300	600	0	20.869	.149	276.48	159.20
380	350	600	0	21.102	.218 *	310.04	211.45 *
381	400	600	0	21.446	.283 *	362.57	261.81 *
382	450	600	0	21.976	.366 *	441.32	362.00 *
383	500	600	0	22.879	.492 *	549.92	441.21 *
384	550	600	0	24.853	.734 *	747.97	587.37 *
385	600	600	0	28.910	1.178 *	1173.73	718.41 *
386	650	600	0	33.578	2.118 *	1345.21	734.21 *
387	700	600	0	33.081	2.159 *	1262.41	694.09 *
388	750	600	0	33.800	2.059 *	1430.76^	761.19 *
389	800	600	0	29.110	1.297 *	1024.20	798.20 *
390	850	600	0	25.140	.777 *	656.32	516.77 *

391	900	600	0	23.380	.547 *	498.64	413.64 *
392	950	600	0	22.387	.465 *	408.15	342.13 *
393	1000	600	0	21.750	.380 *	333.56	290.35 *
394	1050	600	0	21.318	.242 *	287.67	228.12 *
395	1100	600	0	21.027	.145	257.67	173.22
396	1150	600	0	20.826	.066	224.65	138.18
397	1200	600	0	20.682	.000v	195.75	114.82
398	1250	600	0	20.580	.000v	165.93	101.22
399	1300	600	0	20.496	.000v	136.39	85.52
400	1350	600	0	20.433	.000v	111.42	66.64
401	1400	600	0	20.380	.000v	82.90	53.97
402	1450	600	0	20.338	.000v	71.67	38.17
403	1500	600	0	20.297	.000v	57.75	25.15
404	0	650	0	20.351	.000v	139.74	28.08
405	50	650	0	20.405	.000v	173.03	53.60
406	100	650	0	20.478	.004	204.58	75.86
407	150	650	0	20.587	.036	234.51	92.72
408	200	650	0	20.731	.073	267.19	116.18
409	250	650	0	20.939	.154	297.55	158.36
410	300	650	0	21.239	.221 *	351.99	221.88 *
411	350	650	0	21.706	.311 *	410.41	288.71 *
412	400	650	0	22.476	.429 *	514.34	390.49 *
413	450	650	0	23.983	.615 *	687.10	524.70 *
414	500	650	0	26.663	.993 *	1080.36	704.99 *
415	550	650	0	31.643	1.636 *	1239.19	774.21 *
416	600	650	0	31.202	1.893 *	1131.98	662.21 *
417	650	650	0	32.969	1.938 *	1225.43	782.93 *
418	700	650	0	28.983	1.299 *	1127.15	707.92 *
419	750	650	0	26.178	.902 *	758.60	586.45 *
420	800	650	0	23.875	.664 *	543.39	446.74 *
421	850	650	0	22.738	.519 *	430.29	372.79 *
422	900	650	0	22.027	.437 *	357.57	316.93 *
423	950	650	0	21.552	.342 *	299.35	278.74 *
424	1000	650	0	21.219	.242 *	267.11	236.67 *
425	1050	650	0	20.985	.179	236.97	183.55
426	1100	650	0	20.804	.051	213.94	141.33
427	1150	650	0	20.672	.000v	187.31	112.76
428	1200	650	0	20.565	.000v	171.75	91.32
429	1250	650	0	20.483	.000v	142.73	76.17
430	1300	650	0	20.418	.000v	119.74	62.57
431	1350	650	0	20.363	.000v	91.39	45.38
432	1400	650	0	20.318	.000v	68.80	33.28
433	1450	650	0	20.280	.000v	54.35	16.41
434	1500	650	0	20.246	.000v	39.32	3.52
435	0	700	0	20.413	.000v	173.31	54.65
436	50	700	0	20.492	.007	208.87	77.82
437	100	700	0	20.601	.043	252.34	93.91
438	150	700	0	20.757	.073	285.82	113.69
439	200	700	0	21.003	.117	333.93	153.40
440	250	700	0	21.383	.211 *	401.31	208.85 *
441	300	700	0	22.024	.356 *	484.01	298.33 *
442	350	700	0	23.224	.520 *	625.21	424.51 *
443	400	700	0	26.078	.934 *	919.31	601.37 *
444	450	700	0	31.873	1.700 *	1292.91	749.38 *
445	500	700	0	32.708	2.133 *	1277.65	661.31 *
446	550	700	0	34.463^	2.277 *	1425.02	761.49 *
447	600	700	0	31.640	1.707 *	1179.38	783.36 *
448	650	700	0	27.827	1.129 *	867.16	709.52 *
449	700	700	0	24.432	.716 *	602.50	483.24 *
450	750	700	0	23.065	.543 *	467.22	396.96 *
451	800	700	0	22.268	.461 *	377.13	336.61 *

452	850	700	0	21.739	.390 *	325.57	293.44 *
453	900	700	0	21.377	.294 *	282.01	259.00 *
454	950	700	0	21.119	.241 *	248.68	228.25 *
455	1000	700	0	20.919	.184	220.41	191.30
456	1050	700	0	20.773	.016	205.09	146.14
457	1100	700	0	20.652	.000v	181.04	118.98
458	1150	700	0	20.554	.000v	163.88	92.30
459	1200	700	0	20.474	.000v	142.13	72.21
460	1250	700	0	20.408	.000v	121.04	55.59
461	1300	700	0	20.353	.000v	96.34	42.95
462	1350	700	0	20.306	.000v	75.20	26.12
463	1400	700	0	20.264	.000v	46.14	9.63
464	1450	700	0	20.229	.000v	26.03	.46
465	1500	700	0	20.208	.000v	10.87	.00v
466	0	750	0	20.506	.011	203.05	82.26
467	50	750	0	20.634	.044	257.40	100.84
468	100	750	0	20.812	.076	309.53	115.77
469	150	750	0	21.085	.105	371.56	145.42
470	200	750	0	21.548	.195	453.08	195.40
471	250	750	0	22.432	.376 *	586.82	288.05 *
472	300	750	0	24.534	.688 *	861.49	450.44 *
473	350	750	0	29.069	1.303 *	1276.36	635.33 *
474	400	750	0	30.101	1.557 *	1151.15	603.68 *
475	450	750	0	32.936	2.097 *	1183.40	785.18 *
476	500	750	0	30.455	1.588 *	1123.46	652.51 *
477	550	750	0	28.846	1.292 *	1127.97	701.76 *
478	600	750	0	25.084	.776 *	645.97	542.38 *
479	650	750	0	23.404	.552 *	499.42	424.79 *
480	700	750	0	22.482	.490 *	403.57	356.22 *
481	750	750	0	21.903	.429 *	339.15	309.15 *
482	800	750	0	21.505	.336 *	295.49	271.17 *
483	850	750	0	21.232	.282 *	256.44	242.42 *
484	900	750	0	21.018	.228 *	232.08	213.74 *
485	950	750	0	20.860	.102	207.45	182.97
486	1000	750	0	20.729	.000v	189.78	145.35
487	1050	750	0	20.623	.000v	168.97	116.88
488	1100	750	0	20.534	.000v	156.36	92.22
489	1150	750	0	20.458	.000v	134.62	64.29
490	1200	750	0	20.395	.000v	115.22	48.04
491	1250	750	0	20.339	.000v	95.00	30.54
492	1300	750	0	20.291	.000v	78.36	11.66
493	1350	750	0	20.248	.000v	43.90	2.07
494	1400	750	0	20.218	.000v	20.34	.00v
495	1450	750	0	20.202	.000v	4.21	.00v
496	1500	750	0	20.200v	.000v	.00v	.00v
497	0	800	0	20.660	.027	250.98	114.92
498	50	800	0	20.891	.061	335.72	130.80
499	100	800	0	21.238	.114	412.02	154.33
500	150	800	0	21.815	.205 *	527.49	204.55 *
501	200	800	0	23.081	.426 *	725.01	311.39 *
502	250	800	0	27.340	1.104 *	1121.25	575.80 *
503	300	800	0	29.986	1.620 *	1273.12	541.84 *
504	350	800	0	32.422	1.979 *	1394.20	631.77 *
505	400	800	0	30.640	1.493 *	1219.20	712.01 *
506	450	800	0	30.011	1.386 *	1361.62	753.03 *
507	500	800	0	25.705	.842 *	727.53	578.10 *
508	550	800	0	23.716	.643 *	539.31	447.46 *
509	600	800	0	22.677	.506 *	420.02	372.05 *
510	650	800	0	22.035	.434 *	354.61	323.60 *
511	700	800	0	21.607	.371 *	312.37	285.38 *
512	750	800	0	21.313	.290 *	271.80	251.97 *

513	800	800	0	21.096	.259 *	242.90	225.35 *
514	850	800	0	20.931	.187	219.40	199.07
515	900	800	0	20.795	.000v	194.80	169.53
516	950	800	0	20.684	.000v	178.84	139.71
517	1000	800	0	20.589	.000v	160.36	110.51
518	1050	800	0	20.511	.000v	146.00	92.70
519	1100	800	0	20.441	.000v	125.25	62.73
520	1150	800	0	20.384	.000v	110.89	39.91
521	1200	800	0	20.325	.000v	91.46	21.62
522	1250	800	0	20.278	.000v	72.79	7.43
523	1300	800	0	20.235	.000v	39.89	.00v
524	1350	800	0	20.210	.000v	18.08	.00v
525	1400	800	0	20.200	.000v	.80	.00v
526	1450	800	0	20.200v	.000v	.00v	.00v
527	1500	800	0	20.200v	.000v	.00v	.00v
528	0	850	0	20.980	.053	314.01	151.69
529	50	850	0	21.478	.135	423.20	185.23
530	100	850	0	22.389	.348 *	600.59	247.42 *
531	150	850	0	24.862	.676 *	1054.12	426.92 *
532	200	850	0	25.315	.597 *	1071.56	384.76 *
533	250	850	0	25.954	.951 *	1036.05	452.95 *
534	300	850	0	25.179	.833 *	945.56	468.29 *
535	350	850	0	24.451	.711 *	855.14	408.96 *
536	400	850	0	23.881	.623 *	741.99	411.65 *
537	450	850	0	23.327	.547 *	576.29	406.27 *
538	500	850	0	22.669	.475 *	456.26	381.48 *
539	550	850	0	22.095	.418 *	376.80	335.48 *
540	600	850	0	21.665	.363 *	315.59	295.28 *
541	650	850	0	21.368	.288 *	280.94	264.23 *
542	700	850	0	21.142	.258 *	256.41	230.92 *
543	750	850	0	20.977	.217 *	223.64	206.94 *
544	800	850	0	20.842	.032	206.41	182.40
545	850	850	0	20.732	.000v	182.70	155.59
546	900	850	0	20.635	.000v	171.44	124.27
547	950	850	0	20.551	.000v	148.56	103.11
548	1000	850	0	20.479	.000v	133.49	82.99
549	1050	850	0	20.415	.000v	116.55	57.35
550	1100	850	0	20.359	.000v	100.02	32.31
551	1150	850	0	20.307	.000v	80.99	10.28
552	1200	850	0	20.261	.000v	54.46	1.44
553	1250	850	0	20.225	.000v	35.12	.00v
554	1300	850	0	20.207	.000v	11.51	.00v
555	1350	850	0	20.200	.000v	.32	.00v
556	1400	850	0	20.200v	.000v	.00v	.00v
557	1450	850	0	20.200v	.000v	.00v	.00v
558	1500	850	0	20.200v	.000v	.00v	.00v
559	0	900	0	21.880	.263 *	421.09	236.57 *
560	50	900	0	24.097	.695 *	686.99	367.68 *
561	100	900	0	27.038	1.750 *	1048.77	375.93 *
562	150	900	0	26.480	1.019 *	827.23	453.61 *
563	200	900	0	23.046	.432 *	601.72	244.68 *
564	250	900	0	22.337	.244 *	589.45	220.73 *
565	300	900	0	22.176	.267 *	576.55	243.66 *
566	350	900	0	22.093	.314 *	545.51	259.51 *
567	400	900	0	21.971	.340 *	475.10	269.64 *
568	450	900	0	21.799	.346 *	394.45	280.91 *
569	500	900	0	21.577	.330 *	332.70	275.62 *
570	550	900	0	21.349	.286 *	290.81	258.14 *
571	600	900	0	21.154	.246 *	258.95	237.14 *
572	650	900	0	20.992	.218 *	236.78	206.56 *
573	700	900	0	20.863	.121	210.92	181.46

574	750	900	0	20.758	.000v	194.48	159.90
575	800	900	0	20.665	.000v	172.27	129.75
576	850	900	0	20.586	.000v	157.88	109.71
577	900	900	0	20.513	.000v	140.16	92.16
578	950	900	0	20.450	.000v	122.16	73.05
579	1000	900	0	20.389	.000v	103.53	50.70
580	1050	900	0	20.336	.000v	88.34	26.68
581	1100	900	0	20.283	.000v	65.04	8.07
582	1150	900	0	20.244	.000v	39.59	.07
583	1200	900	0	20.217	.000v	20.38	.00v
584	1250	900	0	20.203	.000v	6.48	.00v
585	1300	900	0	20.200v	.000v	.00v	.00v
586	1350	900	0	20.200v	.000v	.00v	.00v
587	1400	900	0	20.200v	.000v	.00v	.00v
588	1450	900	0	20.200v	.000v	.00v	.00v
589	1500	900	0	20.200v	.000v	.00v	.00v
590	0	950	0	24.616	.552 *	828.02	332.66 *
591	50	950	0	27.342	.999 *	804.10	469.89 *
592	100	950	0	24.003	.642 *	445.52	334.20 *
593	150	950	0	22.265	.213 *	406.03	202.64 *
594	200	950	0	21.643	.106	403.11	166.93
595	250	950	0	21.396	.129	414.03	157.61
596	300	950	0	21.313	.155	403.66	163.02
597	350	950	0	21.282	.174	377.41	183.38
598	400	950	0	21.235	.185	346.44	193.91
599	450	950	0	21.163	.201 *	305.48	202.49 *
600	500	950	0	21.061	.182	265.84	190.26
601	550	950	0	20.959	.187	239.91	186.06
602	600	950	0	20.853	.145	218.29	167.47
603	650	950	0	20.759	.000v	199.14	145.79
604	700	950	0	20.674	.000v	179.71	127.33
605	750	950	0	20.599	.000v	161.91	113.47
606	800	950	0	20.531	.000v	147.14	98.25
607	850	950	0	20.468	.000v	126.37	78.23
608	900	950	0	20.410	.000v	110.97	57.76
609	950	950	0	20.355	.000v	94.30	35.35
610	1000	950	0	20.303	.000v	71.00	17.17
611	1050	950	0	20.259	.000v	49.69	3.17
612	1100	950	0	20.228	.000v	27.83	.00v
613	1150	950	0	20.208	.000v	11.91	.00v
614	1200	950	0	20.201	.000v	2.81	.00v
615	1250	950	0	20.200v	.000v	.00v	.00v
616	1300	950	0	20.200v	.000v	.00v	.00v
617	1350	950	0	20.200v	.000v	.00v	.00v
618	1400	950	0	20.200v	.000v	.00v	.00v
619	1450	950	0	20.200v	.000v	.00v	.00v
620	1500	950	0	20.200v	.000v	.00v	.00v
621	0	1000	0	25.197	.826 *	584.57	416.64 *
622	50	1000	0	22.702	.397 *	305.34	248.75 *
623	100	1000	0	21.752	.053	277.41	184.27
624	150	1000	0	21.299	.049	292.95	143.06
625	200	1000	0	21.062	.067	292.11	122.00
626	250	1000	0	20.963	.080	308.11	119.19
627	300	1000	0	20.919	.103	291.03	116.66
628	350	1000	0	20.895	.100	283.32	133.45
629	400	1000	0	20.867	.100	264.16	134.45
630	450	1000	0	20.828	.101	242.76	146.92
631	500	1000	0	20.775	.085	221.80	140.88
632	550	1000	0	20.719	.005	201.71	139.17
633	600	1000	0	20.656	.000v	182.94	125.20
634	650	1000	0	20.595	.000v	170.94	110.87

635	700	1000	0	20.536	.000v	153.84	98.34
636	750	1000	0	20.480	.000v	135.68	84.06
637	800	1000	0	20.426	.000v	116.81	61.85
638	850	1000	0	20.376	.000v	102.18	41.61
639	900	1000	0	20.320	.000v	79.44	26.04
640	950	1000	0	20.275	.000v	53.99	8.07
641	1000	1000	0	20.236	.000v	33.49	1.24
642	1050	1000	0	20.214	.000v	15.19	.00v
643	1100	1000	0	20.202	.000v	4.39	.00v
644	1150	1000	0	20.200v	.000v	.00v	.00v
645	1200	1000	0	20.200v	.000v	.00v	.00v
646	1250	1000	0	20.200v	.000v	.00v	.00v
647	1300	1000	0	20.200v	.000v	.00v	.00v
648	1350	1000	0	20.200v	.000v	.00v	.00v
649	1400	1000	0	20.200v	.000v	.00v	.00v
650	1450	1000	0	20.200v	.000v	.00v	.00v
651	1500	1000	0	20.200v	.000v	.00v	.00v
	wartosci srednie			21.928	.273	313.44	184.66

ZANIECZYSZCZENIE NR 2 - pyl PM10

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

tlo stezenia R = 25.50 [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	25.500v	.000v	.00v	.00v
2	50	0	0	25.500v	.000v	.00v	.00v
3	100	0	0	25.500v	.000v	.00v	.00v
4	150	0	0	25.500v	.000v	.00v	.00v
5	200	0	0	25.500v	.000v	.00v	.00v
6	250	0	0	25.500v	.000v	.00v	.00v
7	300	0	0	25.500v	.000v	.00v	.00v
8	350	0	0	25.500v	.000v	.00v	.00v
9	400	0	0	25.500v	.000v	.00v	.00v
10	450	0	0	25.500v	.000v	.00v	.00v
11	500	0	0	25.500v	.000v	.00v	.00v
12	550	0	0	25.500v	.000v	.00v	.00v
13	600	0	0	25.500	.000v	.11	.00v
14	650	0	0	25.500	.000v	.52	.00v
15	700	0	0	25.501	.000v	1.35	.00v
16	750	0	0	25.502	.000v	2.53	.00v
17	800	0	0	25.503	.000v	3.75	.00v
18	850	0	0	25.505	.000v	4.80	.00v
19	900	0	0	25.506	.000v	5.49	.00v
20	950	0	0	25.507	.000v	6.24	.01
21	1000	0	0	25.508	.000v	6.65	.56
22	1050	0	0	25.510	.000v	7.41	1.66
23	1100	0	0	25.512	.000v	7.50	3.25
24	1150	0	0	25.515	.000v	8.16	4.39
25	1200	0	0	25.518	.000v	8.37	5.20
26	1250	0	0	25.522	.000v	9.00	6.30
27	1300	0	0	25.527	.000v	9.90	7.75
28	1350	0	0	25.533	.000v	11.09	9.20
29	1400	0	0	25.543	.000v	13.17	10.61
30	1450	0	0	25.559	.000v	15.99	12.01
31	1500	0	0	25.586	.000v	19.38	14.28
32	0	50	0	25.500v	.000v	.00v	.00v
33	50	50	0	25.500v	.000v	.00v	.00v

34	100	50	0	25.500v	.000v	.00v	.00v
35	150	50	0	25.500v	.000v	.00v	.00v
36	200	50	0	25.500v	.000v	.00v	.00v
37	250	50	0	25.500v	.000v	.00v	.00v
38	300	50	0	25.500v	.000v	.00v	.00v
39	350	50	0	25.500v	.000v	.00v	.00v
40	400	50	0	25.500v	.000v	.00v	.00v
41	450	50	0	25.500v	.000v	.00v	.00v
42	500	50	0	25.500	.000v	.04	.00v
43	550	50	0	25.500	.000v	.36	.00v
44	600	50	0	25.501	.000v	1.22	.00v
45	650	50	0	25.502	.000v	2.34	.00v
46	700	50	0	25.503	.000v	3.55	.00v
47	750	50	0	25.505	.000v	4.71	.00v
48	800	50	0	25.506	.000v	5.55	.00v
49	850	50	0	25.507	.000v	6.82	.00v
50	900	50	0	25.509	.000v	7.45	.19
51	950	50	0	25.510	.000v	8.11	.99
52	1000	50	0	25.512	.000v	8.21	2.71
53	1050	50	0	25.515	.000v	9.27	4.06
54	1100	50	0	25.518	.000v	9.90	5.16
55	1150	50	0	25.522	.000v	10.27	6.53
56	1200	50	0	25.526	.000v	11.46	7.95
57	1250	50	0	25.533	.000v	12.48	9.23
58	1300	50	0	25.542	.000v	13.71	10.46
59	1350	50	0	25.557	.000v	15.37	11.85
60	1400	50	0	25.580	.000v	18.89	13.89
61	1450	50	0	25.623	.000v	23.97	17.33
62	1500	50	0	25.727	.000v	36.06	24.15
63	0	100	0	25.500v	.000v	.00v	.00v
64	50	100	0	25.500v	.000v	.00v	.00v
65	100	100	0	25.500v	.000v	.00v	.00v
66	150	100	0	25.500v	.000v	.00v	.00v
67	200	100	0	25.500v	.000v	.00v	.00v
68	250	100	0	25.500v	.000v	.00v	.00v
69	300	100	0	25.500v	.000v	.00v	.00v
70	350	100	0	25.500v	.000v	.00v	.00v
71	400	100	0	25.500v	.000v	.00v	.00v
72	450	100	0	25.500	.000v	.23	.00v
73	500	100	0	25.501	.000v	.90	.00v
74	550	100	0	25.501	.000v	1.81	.00v
75	600	100	0	25.503	.000v	3.24	.00v
76	650	100	0	25.504	.000v	4.47	.00v
77	700	100	0	25.506	.000v	5.46	.00v
78	750	100	0	25.508	.000v	6.68	.00v
79	800	100	0	25.509	.000v	7.45	.08
80	850	100	0	25.511	.000v	8.36	.79
81	900	100	0	25.513	.000v	8.95	2.53
82	950	100	0	25.515	.000v	9.90	3.86
83	1000	100	0	25.518	.000v	10.61	5.08
84	1050	100	0	25.521	.000v	11.47	5.96
85	1100	100	0	25.526	.000v	12.45	7.22
86	1150	100	0	25.532	.000v	13.68	8.99
87	1200	100	0	25.541	.000v	15.47	10.37
88	1250	100	0	25.554	.000v	17.42	11.80
89	1300	100	0	25.575	.000v	19.84	13.65
90	1350	100	0	25.611	.000v	24.31	16.74
91	1400	100	0	25.688	.000v	33.13	22.42
92	1450	100	0	25.928	.000v	67.90	32.17
93	1500	100	0	26.039	.000v	64.89	29.25
94	0	150	0	25.500v	.000v	.00v	.00v

95	50	150	0	25.500v	.000v	.00v	.00v
96	100	150	0	25.500v	.000v	.00v	.00v
97	150	150	0	25.500v	.000v	.00v	.00v
98	200	150	0	25.500v	.000v	.00v	.00v
99	250	150	0	25.500v	.000v	.00v	.00v
100	300	150	0	25.500v	.000v	.00v	.00v
101	350	150	0	25.500	.000v	.15	.00v
102	400	150	0	25.500	.000v	.79	.00v
103	450	150	0	25.501	.000v	1.69	.00v
104	500	150	0	25.502	.000v	2.85	.00v
105	550	150	0	25.504	.000v	4.17	.00v
106	600	150	0	25.506	.000v	5.37	.00v
107	650	150	0	25.507	.000v	6.37	.00v
108	700	150	0	25.509	.000v	7.27	.00v
109	750	150	0	25.511	.000v	8.15	.57
110	800	150	0	25.513	.000v	8.93	1.74
111	850	150	0	25.516	.000v	10.11	3.15
112	900	150	0	25.518	.000v	10.80	4.82
113	950	150	0	25.522	.000v	11.85	6.05
114	1000	150	0	25.526	.000v	12.96	7.44
115	1050	150	0	25.532	.000v	14.30	9.14
116	1100	150	0	25.540	.000v	16.12	10.20
117	1150	150	0	25.552	.000v	19.06	11.76
118	1200	150	0	25.570	.000v	21.25	13.55
119	1250	150	0	25.601	.000v	25.20	16.10
120	1300	150	0	25.662	.000v	32.71	21.21
121	1350	150	0	25.828	.000v	50.69	31.72
122	1400	150	0	25.923	.000v	58.42	27.63
123	1450	150	0	26.022	.000v	61.21	33.09
124	1500	150	0	25.806	.000v	39.05	27.82
125	0	200	0	25.500v	.000v	.00v	.00v
126	50	200	0	25.500v	.000v	.00v	.00v
127	100	200	0	25.500v	.000v	.00v	.00v
128	150	200	0	25.500v	.000v	.00v	.00v
129	200	200	0	25.500v	.000v	.00v	.00v
130	250	200	0	25.500	.000v	.04	.00v
131	300	200	0	25.500	.000v	.48	.00v
132	350	200	0	25.501	.000v	1.31	.00v
133	400	200	0	25.502	.000v	2.37	.00v
134	450	200	0	25.504	.000v	3.67	.00v
135	500	200	0	25.505	.000v	5.00	.00v
136	550	200	0	25.507	.000v	6.31	.00v
137	600	200	0	25.509	.000v	6.92	.00v
138	650	200	0	25.511	.000v	7.98	.43
139	700	200	0	25.513	.000v	8.95	1.51
140	750	200	0	25.516	.000v	9.94	2.96
141	800	200	0	25.519	.000v	10.62	4.60
142	850	200	0	25.523	.000v	11.70	5.98
143	900	200	0	25.527	.000v	12.97	7.32
144	950	200	0	25.532	.000v	14.45	8.57
145	1000	200	0	25.539	.000v	15.77	10.25
146	1050	200	0	25.550	.000v	18.32	11.49
147	1100	200	0	25.566	.000v	21.67	13.13
148	1150	200	0	25.593	.000v	26.57	15.52
149	1200	200	0	25.643	.000v	32.57	19.09
150	1250	200	0	25.781	.000v	49.16	29.22
151	1300	200	0	25.994	.000v	64.70	30.10
152	1350	200	0	26.139	.000v	73.66	34.15
153	1400	200	0	25.901	.000v	48.02	33.08
154	1450	200	0	25.708	.000v	27.87	19.75
155	1500	200	0	25.630	.000v	20.36	15.13

156	0	250	0	25.500v	.000v	.00v	.00v
157	50	250	0	25.500v	.000v	.00v	.00v
158	100	250	0	25.500v	.000v	.00v	.00v
159	150	250	0	25.500v	.000v	.00v	.00v
160	200	250	0	25.500	.000v	.32	.00v
161	250	250	0	25.501	.000v	1.07	.00v
162	300	250	0	25.502	.000v	2.13	.00v
163	350	250	0	25.503	.000v	3.45	.00v
164	400	250	0	25.505	.000v	4.65	.00v
165	450	250	0	25.506	.000v	5.84	.00v
166	500	250	0	25.508	.000v	6.79	.00v
167	550	250	0	25.510	.000v	7.74	.20
168	600	250	0	25.513	.000v	8.76	.97
169	650	250	0	25.515	.000v	9.70	2.40
170	700	250	0	25.519	.000v	10.61	4.27
171	750	250	0	25.523	.000v	11.49	5.78
172	800	250	0	25.527	.000v	12.61	7.13
173	850	250	0	25.533	.000v	14.06	8.73
174	900	250	0	25.540	.000v	15.58	10.22
175	950	250	0	25.550	.000v	18.10	11.81
176	1000	250	0	25.565	.000v	21.08	13.55
177	1050	250	0	25.588	.000v	25.16	15.66
178	1100	250	0	25.630	.000v	31.64	18.65
179	1150	250	0	25.724	.000v	44.13	26.13
180	1200	250	0	25.850	.000v	60.94	29.76
181	1250	250	0	26.079	.000v	64.78	38.20
182	1300	250	0	25.902	.000v	54.67	29.56
183	1350	250	0	25.764	.000v	33.32	23.69
184	1400	250	0	25.655	.000v	22.57	17.04
185	1450	250	0	25.604	.000v	17.72	13.83
186	1500	250	0	25.573	.000v	14.18	11.52
187	0	300	0	25.500v	.000v	.00v	.00v
188	50	300	0	25.500v	.000v	.00v	.00v
189	100	300	0	25.500	.000v	.21	.00v
190	150	300	0	25.500	.000v	.73	.00v
191	200	300	0	25.501	.000v	1.71	.00v
192	250	300	0	25.503	.000v	2.88	.00v
193	300	300	0	25.504	.000v	4.34	.00v
194	350	300	0	25.506	.000v	5.72	.00v
195	400	300	0	25.508	.000v	6.51	.00v
196	450	300	0	25.510	.000v	7.54	.07
197	500	300	0	25.512	.000v	8.66	.84
198	550	300	0	25.515	.000v	9.52	2.23
199	600	300	0	25.518	.000v	10.18	4.26
200	650	300	0	25.522	.000v	11.34	5.77
201	700	300	0	25.526	.000v	12.28	7.28
202	750	300	0	25.532	.000v	13.73	8.85
203	800	300	0	25.540	.000v	15.42	10.27
204	850	300	0	25.549	.000v	17.02	11.77
205	900	300	0	25.564	.000v	20.22	13.70
206	950	300	0	25.586	.000v	24.01	16.33
207	1000	300	0	25.622	.000v	29.73	19.78
208	1050	300	0	25.695	.000v	40.31	25.35
209	1100	300	0	25.875	.000v	58.67	33.18
210	1150	300	0	26.151	.000v	82.43	35.90
211	1200	300	0	26.053	.000v	69.38	34.43
212	1250	300	0	25.860	.000v	41.70	30.39
213	1300	300	0	25.687	.000v	26.34	19.22
214	1350	300	0	25.622	.000v	19.47	15.30
215	1400	300	0	25.585	.000v	15.45	12.50
216	1450	300	0	25.562	.000v	13.21	10.62

217	1500	300	0	25.547	.000v	10.78	9.28
218	0	350	0	25.500	.000v	.13	.00v
219	50	350	0	25.500	.000v	.58	.00v
220	100	350	0	25.501	.000v	1.47	.00v
221	150	350	0	25.502	.000v	2.67	.00v
222	200	350	0	25.504	.000v	3.91	.00v
223	250	350	0	25.505	.000v	5.30	.00v
224	300	350	0	25.507	.000v	6.38	.00v
225	350	350	0	25.509	.000v	7.22	.00v
226	400	350	0	25.511	.000v	8.31	.51
227	450	350	0	25.514	.000v	9.21	1.43
228	500	350	0	25.517	.000v	10.08	3.23
229	550	350	0	25.521	.000v	11.20	5.17
230	600	350	0	25.526	.000v	12.11	7.19
231	650	350	0	25.531	.000v	13.35	9.11
232	700	350	0	25.538	.000v	14.78	10.19
233	750	350	0	25.548	.000v	16.84	11.91
234	800	350	0	25.562	.000v	19.24	14.26
235	850	350	0	25.583	.000v	23.17	16.75
236	900	350	0	25.616	.000v	28.02	19.99
237	950	350	0	25.677	.000v	35.73	24.84
238	1000	350	0	25.814	.000v	53.29	33.64
239	1050	350	0	26.064	.000v	65.93	39.89
240	1100	350	0	26.008	.000v	65.68	30.20
241	1150	350	0	25.937	.000v	60.21	34.19
242	1200	350	0	25.731	.000v	35.39	22.88
243	1250	350	0	25.644	.000v	24.84	16.97
244	1300	350	0	25.599	.000v	18.94	13.73
245	1350	350	0	25.571	.000v	14.83	11.61
246	1400	350	0	25.553	.000v	11.59	9.95
247	1450	350	0	25.541	.000v	9.87	8.72
248	1500	350	0	25.532	.000v	8.80	7.65
249	0	400	0	25.501	.000v	1.11	.00v
250	50	400	0	25.502	.000v	2.06	.00v
251	100	400	0	25.503	.000v	3.39	.00v
252	150	400	0	25.504	.000v	4.95	.00v
253	200	400	0	25.506	.000v	5.94	.00v
254	250	400	0	25.508	.000v	7.04	.00v
255	300	400	0	25.510	.000v	7.96	.34
256	350	400	0	25.513	.000v	9.09	1.12
257	400	400	0	25.516	.000v	9.92	2.69
258	450	400	0	25.520	.000v	10.80	4.66
259	500	400	0	25.524	.000v	11.83	6.60
260	550	400	0	25.530	.000v	13.09	8.81
261	600	400	0	25.537	.000v	14.62	10.06
262	650	400	0	25.546	.000v	16.28	12.76
263	700	400	0	25.559	.000v	18.50	15.11
264	750	400	0	25.578	.000v	21.55	18.26
265	800	400	0	25.608	.000v	26.10	21.35
266	850	400	0	25.661	.000v	33.98	25.49
267	900	400	0	25.780	.000v	47.39	34.03
268	950	400	0	26.085	.000v	82.01	40.76
269	1000	400	0	26.167	.000v	71.76	36.45
270	1050	400	0	26.215	.000v	79.65	40.04
271	1100	400	0	25.857	.000v	54.46	30.46
272	1150	400	0	25.684	.000v	34.86	19.39
273	1200	400	0	25.619	.000v	25.76	15.34
274	1250	400	0	25.584	.000v	19.41	12.64
275	1300	400	0	25.562	.000v	15.64	10.79
276	1350	400	0	25.547	.000v	12.39	9.34
277	1400	400	0	25.537	.000v	9.73	8.25

278	1450	400	0	25.529	.000v	8.23	7.16
279	1500	400	0	25.523	.000v	7.19	6.28
280	0	450	0	25.502	.000v	2.80	.00v
281	50	450	0	25.503	.000v	3.53	.00v
282	100	450	0	25.505	.000v	5.57	.00v
283	150	450	0	25.506	.000v	6.27	.00v
284	200	450	0	25.509	.000v	7.52	.04
285	250	450	0	25.511	.000v	8.54	.73
286	300	450	0	25.514	.000v	9.77	1.97
287	350	450	0	25.518	.000v	10.60	3.43
288	400	450	0	25.522	.000v	11.68	4.90
289	450	450	0	25.528	.000v	12.66	7.54
290	500	450	0	25.534	.000v	14.21	9.67
291	550	450	0	25.544	.000v	15.76	11.53
292	600	450	0	25.556	.000v	17.84	15.29
293	650	450	0	25.573	.000v	20.82	18.18
294	700	450	0	25.600	.000v	25.10	20.70
295	750	450	0	25.646	.000v	30.85	24.67
296	800	450	0	25.740	.000v	42.35	32.30
297	850	450	0	25.970	.000v	65.52	42.57
298	900	450	0	26.062	.000v	65.81	36.35
299	950	450	0	26.226	.000v	70.28	43.85
300	1000	450	0	26.039	.000v	67.12	35.82
301	1050	450	0	25.839	.000v	52.15	29.81
302	1100	450	0	25.673	.000v	34.35	18.60
303	1150	450	0	25.608	.000v	26.14	14.18
304	1200	450	0	25.575	.000v	20.51	11.77
305	1250	450	0	25.555	.000v	16.33	10.18
306	1300	450	0	25.542	.000v	12.81	8.79
307	1350	450	0	25.533	.000v	10.56	7.78
308	1400	450	0	25.527	.000v	8.38	6.79
309	1450	450	0	25.522	.000v	6.91	5.84
310	1500	450	0	25.517	.000v	6.40	4.93
311	0	500	0	25.503	.000v	4.05	.00v
312	50	500	0	25.505	.000v	5.17	.00v
313	100	500	0	25.506	.000v	6.72	.00v
314	150	500	0	25.509	.000v	8.05	.54
315	200	500	0	25.512	.000v	9.30	1.81
316	250	500	0	25.515	.000v	10.28	3.15
317	300	500	0	25.519	.000v	11.27	3.97
318	350	500	0	25.525	.000v	12.51	5.93
319	400	500	0	25.531	.000v	13.67	8.30
320	450	500	0	25.539	.000v	15.05	10.56
321	500	500	0	25.551	.000v	17.15	13.17
322	550	500	0	25.567	.000v	19.56	17.31
323	600	500	0	25.592	.000v	23.24	20.20
324	650	500	0	25.631	.000v	28.88	23.46
325	700	500	0	25.707	.000v	37.86	29.01
326	750	500	0	25.918	.000v	66.01	41.66
327	800	500	0	26.135	.000v	69.77	41.51
328	850	500	0	26.309	.000v	81.88	42.43
329	900	500	0	26.224	.000v	74.01	41.17
330	950	500	0	26.147	.000v	72.04	45.28
331	1000	500	0	25.807	.000v	42.92	29.86
332	1050	500	0	25.667	.000v	31.13	20.10
333	1100	500	0	25.605	.000v	24.58	14.76
334	1150	500	0	25.571	.000v	20.33	11.44
335	1200	500	0	25.551	.000v	16.52	9.58
336	1250	500	0	25.539	.000v	13.74	8.38
337	1300	500	0	25.531	.000v	11.24	7.44
338	1350	500	0	25.525	.000v	9.05	6.45

339	1400	500	0	25.520	.000v	7.25	5.43
340	1450	500	0	25.516	.000v	5.88	4.42
341	1500	500	0	25.513	.000v	5.32	3.61
342	0	550	0	25.505	.000v	5.24	.00v
343	50	550	0	25.506	.000v	6.53	.04
344	100	550	0	25.509	.000v	8.68	1.19
345	150	550	0	25.512	.000v	9.24	2.54
346	200	550	0	25.516	.000v	11.11	3.71
347	250	550	0	25.521	.000v	12.01	4.59
348	300	550	0	25.527	.000v	13.31	6.60
349	350	550	0	25.535	.000v	14.70	9.03
350	400	550	0	25.545	.000v	16.53	11.37
351	450	550	0	25.560	.000v	18.57	15.04
352	500	550	0	25.582	.000v	21.85	19.04
353	550	550	0	25.618	.000v	27.01	22.44
354	600	550	0	25.679	.000v	33.74	27.48
355	650	550	0	25.824	.000v	53.34	36.93
356	700	550	0	25.976	.000v	62.57	39.36
357	750	550	0	26.223	.000v	68.11	46.97^
358	800	550	0	26.138	.000v	66.82	37.98
359	850	550	0	26.166	.000v	74.06	43.92
360	900	550	0	25.914	.000v	53.47	39.98
361	950	550	0	25.738	.000v	34.68	27.53
362	1000	550	0	25.651	.000v	26.73	21.18
363	1050	550	0	25.600	.000v	21.57	16.07
364	1100	550	0	25.568	.000v	18.64	12.48
365	1150	550	0	25.550	.000v	15.70	9.38
366	1200	550	0	25.537	.000v	13.75	8.09
367	1250	550	0	25.529	.000v	11.44	7.15
368	1300	550	0	25.523	.000v	9.48	6.16
369	1350	550	0	25.518	.000v	7.72	5.16
370	1400	550	0	25.514	.000v	5.98	4.10
371	1450	550	0	25.511	.000v	5.06	3.36
372	1500	550	0	25.509	.000v	4.34	2.60
373	0	600	0	25.506	.000v	6.80	.39
374	50	600	0	25.509	.000v	8.27	1.40
375	100	600	0	25.512	.000v	9.62	2.75
376	150	600	0	25.516	.000v	11.36	4.24
377	200	600	0	25.522	.000v	12.53	5.10
378	250	600	0	25.529	.000v	14.56	6.76
379	300	600	0	25.539	.000v	16.03	9.23
380	350	600	0	25.552	.000v	17.97	12.26
381	400	600	0	25.572	.000v	21.02	15.18
382	450	600	0	25.603	.000v	25.58	20.99
383	500	600	0	25.655	.000v	31.88	25.58
384	550	600	0	25.770	.000v	43.36	34.05
385	600	600	0	26.005	.000v	68.04	41.65
386	650	600	0	26.276	.000v	77.98	42.56
387	700	600	0	26.247	.000v	73.18	40.24
388	750	600	0	26.288	.000v	82.94^	44.13
389	800	600	0	26.017	.000v	59.37	46.27
390	850	600	0	25.786	.000v	38.05	29.96
391	900	600	0	25.684	.000v	28.91	23.98
392	950	600	0	25.627	.000v	23.66	19.83
393	1000	600	0	25.590	.000v	19.34	16.83
394	1050	600	0	25.565	.000v	16.68	13.22
395	1100	600	0	25.548	.000v	14.94	10.04
396	1150	600	0	25.536	.000v	13.02	8.01
397	1200	600	0	25.528	.000v	11.35	6.66
398	1250	600	0	25.522	.000v	9.62	5.87
399	1300	600	0	25.517	.000v	7.91	4.96

400	1350	600	0	25.513	.000v	6.46	3.86
401	1400	600	0	25.510	.000v	4.81	3.13
402	1450	600	0	25.508	.000v	4.16	2.21
403	1500	600	0	25.506	.000v	3.35	1.46
404	0	650	0	25.509	.000v	8.10	1.63
405	50	650	0	25.512	.000v	10.03	3.11
406	100	650	0	25.516	.000v	11.86	4.40
407	150	650	0	25.522	.000v	13.59	5.38
408	200	650	0	25.531	.000v	15.49	6.74
409	250	650	0	25.543	.000v	17.25	9.18
410	300	650	0	25.560	.000v	20.41	12.86
411	350	650	0	25.587	.000v	23.79	16.74
412	400	650	0	25.632	.000v	29.82	22.64
413	450	650	0	25.719	.000v	39.83	30.42
414	500	650	0	25.875	.000v	62.63	40.87
415	550	650	0	26.163	.000v	71.84	44.88
416	600	650	0	26.138	.000v	65.62	38.39
417	650	650	0	26.240	.000v	71.04	45.39
418	700	650	0	26.009	.000v	65.34	41.04
419	750	650	0	25.847	.000v	43.98	34.00
420	800	650	0	25.713	.000v	31.50	25.90
421	850	650	0	25.647	.000v	24.94	21.61
422	900	650	0	25.606	.000v	20.73	18.37
423	950	650	0	25.578	.000v	17.35	16.16
424	1000	650	0	25.559	.000v	15.48	13.72
425	1050	650	0	25.545	.000v	13.74	10.64
426	1100	650	0	25.535	.000v	12.40	8.19
427	1150	650	0	25.527	.000v	10.86	6.54
428	1200	650	0	25.521	.000v	9.96	5.29
429	1250	650	0	25.516	.000v	8.27	4.42
430	1300	650	0	25.513	.000v	6.94	3.63
431	1350	650	0	25.509	.000v	5.30	2.63
432	1400	650	0	25.507	.000v	3.99	1.93
433	1450	650	0	25.505	.000v	3.15	.95
434	1500	650	0	25.503	.000v	2.28	.20
435	0	700	0	25.512	.000v	10.05	3.17
436	50	700	0	25.517	.000v	12.11	4.51
437	100	700	0	25.523	.000v	14.63	5.44
438	150	700	0	25.532	.000v	16.57	6.59
439	200	700	0	25.547	.000v	19.36	8.89
440	250	700	0	25.569	.000v	23.26	12.11
441	300	700	0	25.606	.000v	28.06	17.29
442	350	700	0	25.675	.000v	36.24	24.61
443	400	700	0	25.841	.000v	53.29	34.86
444	450	700	0	26.177	.000v	74.95	43.44
445	500	700	0	26.225	.000v	74.07	38.34
446	550	700	0	26.327^	.000v	82.61	44.14
447	600	700	0	26.163	.000v	68.37	45.41
448	650	700	0	25.942	.000v	50.27	41.13
449	700	700	0	25.745	.000v	34.93	28.01
450	750	700	0	25.666	.000v	27.09	23.01
451	800	700	0	25.620	.000v	21.86	19.51
452	850	700	0	25.589	.000v	18.87	17.01
453	900	700	0	25.568	.000v	16.35	15.01
454	950	700	0	25.553	.000v	14.42	13.23
455	1000	700	0	25.542	.000v	12.78	11.09
456	1050	700	0	25.533	.000v	11.89	8.47
457	1100	700	0	25.526	.000v	10.49	6.90
458	1150	700	0	25.521	.000v	9.50	5.35
459	1200	700	0	25.516	.000v	8.24	4.19
460	1250	700	0	25.512	.000v	7.02	3.22

461	1300	700	0	25.509	.000v	5.58	2.49
462	1350	700	0	25.506	.000v	4.36	1.51
463	1400	700	0	25.504	.000v	2.67	.56
464	1450	700	0	25.502	.000v	1.51	.03
465	1500	700	0	25.500	.000v	.63	.00v
466	0	750	0	25.518	.000v	11.77	4.77
467	50	750	0	25.525	.000v	14.92	5.85
468	100	750	0	25.535	.000v	17.94	6.71
469	150	750	0	25.551	.000v	21.54	8.43
470	200	750	0	25.578	.000v	26.27	11.33
471	250	750	0	25.629	.000v	34.02	16.70
472	300	750	0	25.751	.000v	49.94	26.11
473	350	750	0	26.014	.000v	73.99	36.83
474	400	750	0	26.074	.000v	66.73	35.00
475	450	750	0	26.238	.000v	68.60	45.52
476	500	750	0	26.095	.000v	65.13	37.83
477	550	750	0	26.001	.000v	65.39	40.68
478	600	750	0	25.783	.000v	37.45	31.44
479	650	750	0	25.686	.000v	28.95	24.63
480	700	750	0	25.632	.000v	23.40	20.65
481	750	750	0	25.599	.000v	19.66	17.92
482	800	750	0	25.576	.000v	17.13	15.72
483	850	750	0	25.560	.000v	14.87	14.05
484	900	750	0	25.547	.000v	13.45	12.39
485	950	750	0	25.538	.000v	12.03	10.61
486	1000	750	0	25.531	.000v	11.00	8.43
487	1050	750	0	25.525	.000v	9.80	6.78
488	1100	750	0	25.519	.000v	9.06	5.35
489	1150	750	0	25.515	.000v	7.80	3.73
490	1200	750	0	25.511	.000v	6.68	2.78
491	1250	750	0	25.508	.000v	5.51	1.77
492	1300	750	0	25.505	.000v	4.54	.68
493	1350	750	0	25.503	.000v	2.54	.12
494	1400	750	0	25.501	.000v	1.18	.00v
495	1450	750	0	25.500	.000v	.24	.00v
496	1500	750	0	25.500v	.000v	.00v	.00v
497	0	800	0	25.527	.000v	14.55	6.66
498	50	800	0	25.540	.000v	19.46	7.58
499	100	800	0	25.560	.000v	23.89	8.95
500	150	800	0	25.594	.000v	30.58	11.86
501	200	800	0	25.667	.000v	42.03	18.05
502	250	800	0	25.914	.000v	65.00	33.38
503	300	800	0	26.067	.000v	73.80	31.41
504	350	800	0	26.208	.000v	80.82	36.62
505	400	800	0	26.105	.000v	70.68	41.28
506	450	800	0	26.069	.000v	78.93	43.65
507	500	800	0	25.819	.000v	42.18	33.51
508	550	800	0	25.704	.000v	31.26	25.94
509	600	800	0	25.644	.000v	24.35	21.57
510	650	800	0	25.606	.000v	20.56	18.76
511	700	800	0	25.582	.000v	18.11	16.54
512	750	800	0	25.565	.000v	15.76	14.61
513	800	800	0	25.552	.000v	14.08	13.06
514	850	800	0	25.542	.000v	12.72	11.54
515	900	800	0	25.535	.000v	11.29	9.83
516	950	800	0	25.528	.000v	10.37	8.10
517	1000	800	0	25.523	.000v	9.30	6.41
518	1050	800	0	25.518	.000v	8.46	5.37
519	1100	800	0	25.514	.000v	7.26	3.64
520	1150	800	0	25.511	.000v	6.43	2.31
521	1200	800	0	25.507	.000v	5.30	1.25

522	1250	800	0	25.505	.000v	4.22	.43
523	1300	800	0	25.502	.000v	2.31	.00v
524	1350	800	0	25.501	.000v	1.05	.00v
525	1400	800	0	25.500	.000v	.05	.00v
526	1450	800	0	25.500v	.000v	.00v	.00v
527	1500	800	0	25.500v	.000v	.00v	.00v
528	0	850	0	25.545	.000v	18.20	8.79
529	50	850	0	25.574	.000v	24.53	10.74
530	100	850	0	25.627	.000v	34.82	14.34
531	150	850	0	25.770	.000v	61.11	24.75
532	200	850	0	25.797	.000v	62.12	22.30
533	250	850	0	25.834	.000v	60.06	26.26
534	300	850	0	25.789	.000v	54.81	27.15
535	350	850	0	25.746	.000v	49.57	23.71
536	400	850	0	25.713	.000v	43.01	23.86
537	450	850	0	25.681	.000v	33.41	23.55
538	500	850	0	25.643	.000v	26.45	22.11
539	550	850	0	25.610	.000v	21.84	19.45
540	600	850	0	25.585	.000v	18.29	17.12
541	650	850	0	25.568	.000v	16.29	15.32
542	700	850	0	25.555	.000v	14.86	13.39
543	750	850	0	25.545	.000v	12.96	12.00
544	800	850	0	25.537	.000v	11.97	10.57
545	850	850	0	25.531	.000v	10.59	9.02
546	900	850	0	25.525	.000v	9.94	7.20
547	950	850	0	25.520	.000v	8.61	5.98
548	1000	850	0	25.516	.000v	7.74	4.81
549	1050	850	0	25.512	.000v	6.76	3.32
550	1100	850	0	25.509	.000v	5.80	1.87
551	1150	850	0	25.506	.000v	4.70	.60
552	1200	850	0	25.504	.000v	3.16	.08
553	1250	850	0	25.501	.000v	2.04	.00v
554	1300	850	0	25.500	.000v	.67	.00v
555	1350	850	0	25.500	.000v	.02	.00v
556	1400	850	0	25.500v	.000v	.00v	.00v
557	1450	850	0	25.500v	.000v	.00v	.00v
558	1500	850	0	25.500v	.000v	.00v	.00v
559	0	900	0	25.597	.000v	24.41	13.71
560	50	900	0	25.726	.000v	39.83	21.31
561	100	900	0	25.896	.000v	60.80	21.79
562	150	900	0	25.864	.000v	47.96	26.30
563	200	900	0	25.665	.000v	34.88	14.18
564	250	900	0	25.624	.000v	34.17	12.80
565	300	900	0	25.615	.000v	33.42	14.13
566	350	900	0	25.610	.000v	31.62	15.04
567	400	900	0	25.603	.000v	27.54	15.63
568	450	900	0	25.593	.000v	22.87	16.28
569	500	900	0	25.580	.000v	19.29	15.98
570	550	900	0	25.567	.000v	16.86	14.96
571	600	900	0	25.555	.000v	15.01	13.75
572	650	900	0	25.546	.000v	13.73	11.97
573	700	900	0	25.538	.000v	12.23	10.52
574	750	900	0	25.532	.000v	11.27	9.27
575	800	900	0	25.527	.000v	9.99	7.52
576	850	900	0	25.522	.000v	9.15	6.36
577	900	900	0	25.518	.000v	8.13	5.34
578	950	900	0	25.514	.000v	7.08	4.24
579	1000	900	0	25.511	.000v	6.00	2.94
580	1050	900	0	25.508	.000v	5.12	1.55
581	1100	900	0	25.505	.000v	3.77	.47
582	1150	900	0	25.503	.000v	2.29	.00

583	1200	900	0	25.501	.000v	1.18	.00v
584	1250	900	0	25.500	.000v	.38	.00v
585	1300	900	0	25.500v	.000v	.00v	.00v
586	1350	900	0	25.500v	.000v	.00v	.00v
587	1400	900	0	25.500v	.000v	.00v	.00v
588	1450	900	0	25.500v	.000v	.00v	.00v
589	1500	900	0	25.500v	.000v	.00v	.00v
590	0	950	0	25.756	.000v	48.00	19.28
591	50	950	0	25.914	.000v	46.61	27.24
592	100	950	0	25.720	.000v	25.83	19.37
593	150	950	0	25.620	.000v	23.54	11.75
594	200	950	0	25.584	.000v	23.37	9.68
595	250	950	0	25.569	.000v	24.00	9.14
596	300	950	0	25.565	.000v	23.40	9.45
597	350	950	0	25.563	.000v	21.88	10.63
598	400	950	0	25.560	.000v	20.08	11.24
599	450	950	0	25.556	.000v	17.71	11.74
600	500	950	0	25.550	.000v	15.41	11.03
601	550	950	0	25.544	.000v	13.91	10.79
602	600	950	0	25.538	.000v	12.65	9.71
603	650	950	0	25.532	.000v	11.54	8.45
604	700	950	0	25.527	.000v	10.42	7.38
605	750	950	0	25.523	.000v	9.39	6.58
606	800	950	0	25.519	.000v	8.53	5.70
607	850	950	0	25.516	.000v	7.33	4.53
608	900	950	0	25.512	.000v	6.43	3.35
609	950	950	0	25.509	.000v	5.47	2.05
610	1000	950	0	25.506	.000v	4.12	1.00
611	1050	950	0	25.503	.000v	2.88	.18
612	1100	950	0	25.502	.000v	1.61	.00v
613	1150	950	0	25.500	.000v	.69	.00v
614	1200	950	0	25.500	.000v	.16	.00v
615	1250	950	0	25.500v	.000v	.00v	.00v
616	1300	950	0	25.500v	.000v	.00v	.00v
617	1350	950	0	25.500v	.000v	.00v	.00v
618	1400	950	0	25.500v	.000v	.00v	.00v
619	1450	950	0	25.500v	.000v	.00v	.00v
620	1500	950	0	25.500v	.000v	.00v	.00v
621	0	1000	0	25.790	.000v	33.89	24.15
622	50	1000	0	25.645	.000v	17.70	14.42
623	100	1000	0	25.590	.000v	16.08	10.68
624	150	1000	0	25.564	.000v	16.98	8.29
625	200	1000	0	25.550	.000v	16.93	7.07
626	250	1000	0	25.544	.000v	17.86	6.91
627	300	1000	0	25.542	.000v	16.87	6.76
628	350	1000	0	25.540	.000v	16.42	7.74
629	400	1000	0	25.539	.000v	15.31	7.79
630	450	1000	0	25.536	.000v	14.07	8.52
631	500	1000	0	25.533	.000v	12.86	8.17
632	550	1000	0	25.530	.000v	11.69	8.07
633	600	1000	0	25.526	.000v	10.61	7.26
634	650	1000	0	25.523	.000v	9.91	6.43
635	700	1000	0	25.519	.000v	8.92	5.70
636	750	1000	0	25.516	.000v	7.87	4.87
637	800	1000	0	25.513	.000v	6.77	3.59
638	850	1000	0	25.510	.000v	5.92	2.41
639	900	1000	0	25.507	.000v	4.61	1.51
640	950	1000	0	25.504	.000v	3.13	.47
641	1000	1000	0	25.502	.000v	1.94	.07
642	1050	1000	0	25.501	.000v	.88	.00v
643	1100	1000	0	25.500	.000v	.25	.00v

644	1150	1000	0	25.500v	.000v	.00v	.00v
645	1200	1000	0	25.500v	.000v	.00v	.00v
646	1250	1000	0	25.500v	.000v	.00v	.00v
647	1300	1000	0	25.500v	.000v	.00v	.00v
648	1350	1000	0	25.500v	.000v	.00v	.00v
649	1400	1000	0	25.500v	.000v	.00v	.00v
650	1450	1000	0	25.500v	.000v	.00v	.00v
651	1500	1000	0	25.500v	.000v	.00v	.00v
	wartosci srednie			25.600	.000	18.17	10.70

ZANIECZYSZCZENIE NR 3 - benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.500 [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	2.5000v	.000v	.000v	.000v
2	50	0	0	2.5000v	.000v	.000v	.000v
3	100	0	0	2.5000v	.000v	.000v	.000v
4	150	0	0	2.5000v	.000v	.000v	.000v
5	200	0	0	2.5000v	.000v	.000v	.000v
6	250	0	0	2.5000v	.000v	.000v	.000v
7	300	0	0	2.5000v	.000v	.000v	.000v
8	350	0	0	2.5000v	.000v	.000v	.000v
9	400	0	0	2.5000v	.000v	.000v	.000v
10	450	0	0	2.5000v	.000v	.000v	.000v
11	500	0	0	2.5000v	.000v	.000v	.000v
12	550	0	0	2.5000v	.000v	.000v	.000v
13	600	0	0	2.5000	.000v	.008	.000v
14	650	0	0	2.5000	.000v	.039	.000v
15	700	0	0	2.5001	.000v	.101	.000v
16	750	0	0	2.5002	.000v	.190	.000v
17	800	0	0	2.5003	.000v	.281	.000v
18	850	0	0	2.5004	.000v	.360	.000v
19	900	0	0	2.5004	.000v	.411	.000v
20	950	0	0	2.5005	.000v	.468	.001
21	1000	0	0	2.5006	.000v	.498	.042
22	1050	0	0	2.5008	.000v	.556	.125
23	1100	0	0	2.5009	.000v	.562	.244
24	1150	0	0	2.5011	.000v	.612	.329
25	1200	0	0	2.5013	.000v	.628	.390
26	1250	0	0	2.5016	.000v	.675	.472
27	1300	0	0	2.5020	.000v	.743	.581
28	1350	0	0	2.5025	.000v	.832	.690
29	1400	0	0	2.5032	.000v	.988	.796
30	1450	0	0	2.5044	.000v	1.199	.900
31	1500	0	0	2.5064	.000v	1.453	1.071
32	0	50	0	2.5000v	.000v	.000v	.000v
33	50	50	0	2.5000v	.000v	.000v	.000v
34	100	50	0	2.5000v	.000v	.000v	.000v
35	150	50	0	2.5000v	.000v	.000v	.000v
36	200	50	0	2.5000v	.000v	.000v	.000v
37	250	50	0	2.5000v	.000v	.000v	.000v
38	300	50	0	2.5000v	.000v	.000v	.000v
39	350	50	0	2.5000v	.000v	.000v	.000v
40	400	50	0	2.5000v	.000v	.000v	.000v
41	450	50	0	2.5000v	.000v	.000v	.000v
42	500	50	0	2.5000	.000v	.003	.000v

43	550	50	0	2.5000	.000v	.027	.000v
44	600	50	0	2.5001	.000v	.091	.000v
45	650	50	0	2.5001	.000v	.176	.000v
46	700	50	0	2.5002	.000v	.266	.000v
47	750	50	0	2.5003	.000v	.353	.000v
48	800	50	0	2.5005	.000v	.417	.000v
49	850	50	0	2.5005	.000v	.511	.000v
50	900	50	0	2.5006	.000v	.559	.014
51	950	50	0	2.5008	.000v	.609	.075
52	1000	50	0	2.5009	.000v	.615	.203
53	1050	50	0	2.5011	.000v	.696	.304
54	1100	50	0	2.5013	.000v	.742	.387
55	1150	50	0	2.5016	.000v	.771	.489
56	1200	50	0	2.5020	.000v	.859	.597
57	1250	50	0	2.5025	.000v	.936	.692
58	1300	50	0	2.5032	.000v	1.028	.784
59	1350	50	0	2.5043	.000v	1.153	.888
60	1400	50	0	2.5060	.000v	1.417	1.042
61	1450	50	0	2.5092	.000v	1.797	1.300
62	1500	50	0	2.5170	.000v	2.704	1.812
63	0	100	0	2.5000v	.000v	.000v	.000v
64	50	100	0	2.5000v	.000v	.000v	.000v
65	100	100	0	2.5000v	.000v	.000v	.000v
66	150	100	0	2.5000v	.000v	.000v	.000v
67	200	100	0	2.5000v	.000v	.000v	.000v
68	250	100	0	2.5000v	.000v	.000v	.000v
69	300	100	0	2.5000v	.000v	.000v	.000v
70	350	100	0	2.5000v	.000v	.000v	.000v
71	400	100	0	2.5000v	.000v	.000v	.000v
72	450	100	0	2.5000	.000v	.017	.000v
73	500	100	0	2.5000	.000v	.067	.000v
74	550	100	0	2.5001	.000v	.136	.000v
75	600	100	0	2.5002	.000v	.243	.000v
76	650	100	0	2.5003	.000v	.335	.000v
77	700	100	0	2.5005	.000v	.409	.000v
78	750	100	0	2.5006	.000v	.501	.000v
79	800	100	0	2.5007	.000v	.559	.006
80	850	100	0	2.5008	.000v	.627	.059
81	900	100	0	2.5009	.000v	.671	.190
82	950	100	0	2.5011	.000v	.743	.289
83	1000	100	0	2.5013	.000v	.796	.381
84	1050	100	0	2.5016	.000v	.860	.447
85	1100	100	0	2.5020	.000v	.934	.542
86	1150	100	0	2.5024	.000v	1.026	.674
87	1200	100	0	2.5031	.000v	1.161	.778
88	1250	100	0	2.5040	.000v	1.306	.885
89	1300	100	0	2.5056	.000v	1.488	1.023
90	1350	100	0	2.5083	.000v	1.823	1.256
91	1400	100	0	2.5141	.000v	2.485	1.682
92	1450	100	0	2.5321	.000v	5.092	2.413
93	1500	100	0	2.5405	.000v	4.867	2.194
94	0	150	0	2.5000v	.000v	.000v	.000v
95	50	150	0	2.5000v	.000v	.000v	.000v
96	100	150	0	2.5000v	.000v	.000v	.000v
97	150	150	0	2.5000v	.000v	.000v	.000v
98	200	150	0	2.5000v	.000v	.000v	.000v
99	250	150	0	2.5000v	.000v	.000v	.000v
100	300	150	0	2.5000v	.000v	.000v	.000v
101	350	150	0	2.5000	.000v	.011	.000v
102	400	150	0	2.5000	.000v	.059	.000v
103	450	150	0	2.5001	.000v	.127	.000v

104	500	150	0	2.5002	.000v	.213	.000v
105	550	150	0	2.5003	.000v	.313	.000v
106	600	150	0	2.5004	.000v	.403	.000v
107	650	150	0	2.5006	.000v	.478	.000v
108	700	150	0	2.5007	.000v	.545	.000v
109	750	150	0	2.5008	.000v	.611	.043
110	800	150	0	2.5010	.000v	.670	.131
111	850	150	0	2.5012	.000v	.759	.236
112	900	150	0	2.5014	.000v	.810	.362
113	950	150	0	2.5016	.000v	.889	.454
114	1000	150	0	2.5019	.000v	.972	.558
115	1050	150	0	2.5024	.000v	1.073	.685
116	1100	150	0	2.5030	.000v	1.209	.765
117	1150	150	0	2.5039	.000v	1.430	.882
118	1200	150	0	2.5052	.000v	1.594	1.016
119	1250	150	0	2.5076	.000v	1.890	1.208
120	1300	150	0	2.5122	.000v	2.453	1.590
121	1350	150	0	2.5246	.000v	3.802	2.379
122	1400	150	0	2.5318	.000v	4.381	2.072
123	1450	150	0	2.5392	.000v	4.590	2.481
124	1500	150	0	2.5230	.000v	2.929	2.086
125	0	200	0	2.5000v	.000v	.000v	.000v
126	50	200	0	2.5000v	.000v	.000v	.000v
127	100	200	0	2.5000v	.000v	.000v	.000v
128	150	200	0	2.5000v	.000v	.000v	.000v
129	200	200	0	2.5000v	.000v	.000v	.000v
130	250	200	0	2.5000	.000v	.003	.000v
131	300	200	0	2.5000	.000v	.036	.000v
132	350	200	0	2.5001	.000v	.098	.000v
133	400	200	0	2.5001	.000v	.178	.000v
134	450	200	0	2.5003	.000v	.275	.000v
135	500	200	0	2.5004	.000v	.375	.000v
136	550	200	0	2.5005	.000v	.473	.000v
137	600	200	0	2.5007	.000v	.519	.000v
138	650	200	0	2.5008	.000v	.598	.032
139	700	200	0	2.5010	.000v	.671	.114
140	750	200	0	2.5012	.000v	.746	.222
141	800	200	0	2.5014	.000v	.796	.345
142	850	200	0	2.5017	.000v	.877	.449
143	900	200	0	2.5020	.000v	.973	.549
144	950	200	0	2.5024	.000v	1.084	.643
145	1000	200	0	2.5029	.000v	1.183	.769
146	1050	200	0	2.5038	.000v	1.374	.862
147	1100	200	0	2.5050	.000v	1.625	.984
148	1150	200	0	2.5070	.000v	1.992	1.164
149	1200	200	0	2.5107	.000v	2.443	1.432
150	1250	200	0	2.5211	.000v	3.687	2.192
151	1300	200	0	2.5370	.000v	4.853	2.258
152	1350	200	0	2.5479	.000v	5.524	2.561
153	1400	200	0	2.5301	.000v	3.602	2.481
154	1450	200	0	2.5156	.000v	2.090	1.481
155	1500	200	0	2.5097	.000v	1.527	1.135
156	0	250	0	2.5000v	.000v	.000v	.000v
157	50	250	0	2.5000v	.000v	.000v	.000v
158	100	250	0	2.5000v	.000v	.000v	.000v
159	150	250	0	2.5000v	.000v	.000v	.000v
160	200	250	0	2.5000	.000v	.024	.000v
161	250	250	0	2.5000	.000v	.080	.000v
162	300	250	0	2.5001	.000v	.160	.000v
163	350	250	0	2.5002	.000v	.259	.000v
164	400	250	0	2.5004	.000v	.349	.000v

165	450	250	0	2.5005	.000v	.438	.000v
166	500	250	0	2.5006	.000v	.509	.000v
167	550	250	0	2.5008	.000v	.581	.015
168	600	250	0	2.5010	.000v	.657	.073
169	650	250	0	2.5012	.000v	.727	.180
170	700	250	0	2.5014	.000v	.796	.320
171	750	250	0	2.5017	.000v	.862	.434
172	800	250	0	2.5020	.000v	.945	.535
173	850	250	0	2.5024	.000v	1.055	.655
174	900	250	0	2.5030	.000v	1.168	.767
175	950	250	0	2.5037	.000v	1.358	.885
176	1000	250	0	2.5049	.000v	1.581	1.016
177	1050	250	0	2.5066	.000v	1.887	1.175
178	1100	250	0	2.5097	.000v	2.373	1.399
179	1150	250	0	2.5168	.000v	3.310	1.960
180	1200	250	0	2.5262	.000v	4.570	2.232
181	1250	250	0	2.5435	.000v	4.858	2.865
182	1300	250	0	2.5301	.000v	4.100	2.217
183	1350	250	0	2.5198	.000v	2.499	1.777
184	1400	250	0	2.5116	.000v	1.693	1.278
185	1450	250	0	2.5078	.000v	1.329	1.038
186	1500	250	0	2.5055	.000v	1.064	.864
187	0	300	0	2.5000v	.000v	.000v	.000v
188	50	300	0	2.5000v	.000v	.000v	.000v
189	100	300	0	2.5000	.000v	.015	.000v
190	150	300	0	2.5000	.000v	.055	.000v
191	200	300	0	2.5001	.000v	.128	.000v
192	250	300	0	2.5002	.000v	.216	.000v
193	300	300	0	2.5003	.000v	.326	.000v
194	350	300	0	2.5005	.000v	.429	.000v
195	400	300	0	2.5006	.000v	.488	.000v
196	450	300	0	2.5007	.000v	.565	.005
197	500	300	0	2.5009	.000v	.649	.063
198	550	300	0	2.5011	.000v	.714	.167
199	600	300	0	2.5014	.000v	.764	.320
200	650	300	0	2.5017	.000v	.850	.433
201	700	300	0	2.5020	.000v	.921	.546
202	750	300	0	2.5024	.000v	1.030	.664
203	800	300	0	2.5030	.000v	1.157	.771
204	850	300	0	2.5037	.000v	1.277	.883
205	900	300	0	2.5048	.000v	1.516	1.027
206	950	300	0	2.5064	.000v	1.801	1.225
207	1000	300	0	2.5092	.000v	2.230	1.483
208	1050	300	0	2.5146	.000v	3.023	1.901
209	1100	300	0	2.5282	.000v	4.400	2.488
210	1150	300	0	2.5488	.000v	6.182	2.693
211	1200	300	0	2.5415	.000v	5.204	2.582
212	1250	300	0	2.5270	.000v	3.128	2.280
213	1300	300	0	2.5140	.000v	1.975	1.441
214	1350	300	0	2.5091	.000v	1.460	1.147
215	1400	300	0	2.5064	.000v	1.159	.937
216	1450	300	0	2.5046	.000v	.991	.796
217	1500	300	0	2.5035	.000v	.809	.696
218	0	350	0	2.5000	.000v	.010	.000v
219	50	350	0	2.5000	.000v	.043	.000v
220	100	350	0	2.5001	.000v	.110	.000v
221	150	350	0	2.5002	.000v	.201	.000v
222	200	350	0	2.5003	.000v	.293	.000v
223	250	350	0	2.5004	.000v	.397	.000v
224	300	350	0	2.5005	.000v	.478	.000v
225	350	350	0	2.5007	.000v	.541	.000v

226	400	350	0	2.5009	.000v	.623	.038
227	450	350	0	2.5010	.000v	.691	.107
228	500	350	0	2.5013	.000v	.756	.242
229	550	350	0	2.5016	.000v	.840	.388
230	600	350	0	2.5019	.000v	.908	.539
231	650	350	0	2.5024	.000v	1.001	.684
232	700	350	0	2.5029	.000v	1.109	.764
233	750	350	0	2.5036	.000v	1.263	.894
234	800	350	0	2.5046	.000v	1.443	1.069
235	850	350	0	2.5062	.000v	1.738	1.256
236	900	350	0	2.5087	.000v	2.101	1.499
237	950	350	0	2.5133	.000v	2.680	1.863
238	1000	350	0	2.5235	.000v	3.997	2.523
239	1050	350	0	2.5423	.000v	4.945	2.992
240	1100	350	0	2.5381	.000v	4.926	2.265
241	1150	350	0	2.5328	.000v	4.516	2.564
242	1200	350	0	2.5173	.000v	2.655	1.716
243	1250	350	0	2.5108	.000v	1.863	1.273
244	1300	350	0	2.5074	.000v	1.420	1.030
245	1350	350	0	2.5054	.000v	1.112	.870
246	1400	350	0	2.5040	.000v	.869	.746
247	1450	350	0	2.5031	.000v	.740	.654
248	1500	350	0	2.5024	.000v	.660	.574
249	0	400	0	2.5001	.000v	.083	.000v
250	50	400	0	2.5001	.000v	.155	.000v
251	100	400	0	2.5002	.000v	.254	.000v
252	150	400	0	2.5003	.000v	.371	.000v
253	200	400	0	2.5005	.000v	.446	.000v
254	250	400	0	2.5006	.000v	.528	.000v
255	300	400	0	2.5008	.000v	.597	.026
256	350	400	0	2.5010	.000v	.682	.084
257	400	400	0	2.5012	.000v	.744	.202
258	450	400	0	2.5015	.000v	.810	.350
259	500	400	0	2.5018	.000v	.888	.495
260	550	400	0	2.5023	.000v	.982	.661
261	600	400	0	2.5028	.000v	1.097	.755
262	650	400	0	2.5035	.000v	1.221	.957
263	700	400	0	2.5044	.000v	1.388	1.133
264	750	400	0	2.5059	.000v	1.616	1.369
265	800	400	0	2.5081	.000v	1.957	1.601
266	850	400	0	2.5121	.000v	2.549	1.912
267	900	400	0	2.5210	.000v	3.554	2.552
268	950	400	0	2.5438	.000v	6.151	3.057
269	1000	400	0	2.5500	.000v	5.382	2.734
270	1050	400	0	2.5537	.000v	5.974	3.003
271	1100	400	0	2.5268	.000v	4.084	2.285
272	1150	400	0	2.5138	.000v	2.615	1.454
273	1200	400	0	2.5089	.000v	1.932	1.150
274	1250	400	0	2.5063	.000v	1.456	.948
275	1300	400	0	2.5046	.000v	1.173	.809
276	1350	400	0	2.5035	.000v	.929	.701
277	1400	400	0	2.5027	.000v	.730	.619
278	1450	400	0	2.5022	.000v	.617	.537
279	1500	400	0	2.5018	.000v	.539	.471
280	0	450	0	2.5002	.000v	.210	.000v
281	50	450	0	2.5002	.000v	.265	.000v
282	100	450	0	2.5003	.000v	.418	.000v
283	150	450	0	2.5005	.000v	.470	.000v
284	200	450	0	2.5006	.000v	.564	.003
285	250	450	0	2.5008	.000v	.641	.055
286	300	450	0	2.5011	.000v	.733	.148

287	350	450	0	2.5013	.000v	.795	.257
288	400	450	0	2.5017	.000v	.876	.367
289	450	450	0	2.5021	.000v	.950	.566
290	500	450	0	2.5026	.000v	1.066	.725
291	550	450	0	2.5033	.000v	1.182	.865
292	600	450	0	2.5042	.000v	1.338	1.147
293	650	450	0	2.5055	.000v	1.561	1.364
294	700	450	0	2.5075	.000v	1.882	1.552
295	750	450	0	2.5110	.000v	2.313	1.850
296	800	450	0	2.5180	.000v	3.176	2.423
297	850	450	0	2.5352	.000v	4.914	3.193
298	900	450	0	2.5422	.000v	4.936	2.726
299	950	450	0	2.5544	.000v	5.271	3.288
300	1000	450	0	2.5405	.000v	5.034	2.686
301	1050	450	0	2.5254	.000v	3.912	2.236
302	1100	450	0	2.5130	.000v	2.577	1.395
303	1150	450	0	2.5081	.000v	1.961	1.064
304	1200	450	0	2.5056	.000v	1.539	.883
305	1250	450	0	2.5041	.000v	1.225	.763
306	1300	450	0	2.5032	.000v	.961	.659
307	1350	450	0	2.5025	.000v	.792	.583
308	1400	450	0	2.5020	.000v	.629	.510
309	1450	450	0	2.5016	.000v	.518	.438
310	1500	450	0	2.5013	.000v	.480	.369
311	0	500	0	2.5002	.000v	.304	.000v
312	50	500	0	2.5004	.000v	.388	.000v
313	100	500	0	2.5005	.000v	.504	.000v
314	150	500	0	2.5007	.000v	.604	.040
315	200	500	0	2.5009	.000v	.697	.136
316	250	500	0	2.5011	.000v	.771	.237
317	300	500	0	2.5015	.000v	.845	.298
318	350	500	0	2.5019	.000v	.938	.445
319	400	500	0	2.5023	.000v	1.025	.623
320	450	500	0	2.5030	.000v	1.128	.792
321	500	500	0	2.5038	.000v	1.286	.988
322	550	500	0	2.5051	.000v	1.467	1.298
323	600	500	0	2.5069	.000v	1.743	1.515
324	650	500	0	2.5099	.000v	2.166	1.759
325	700	500	0	2.5155	.000v	2.840	2.176
326	750	500	0	2.5313	.000v	4.951	3.124
327	800	500	0	2.5476	.000v	5.233	3.113
328	850	500	0	2.5607	.000v	6.141	3.183
329	900	500	0	2.5543	.000v	5.550	3.088
330	950	500	0	2.5485	.000v	5.403	3.396
331	1000	500	0	2.5231	.000v	3.219	2.239
332	1050	500	0	2.5125	.000v	2.335	1.508
333	1100	500	0	2.5078	.000v	1.843	1.107
334	1150	500	0	2.5053	.000v	1.525	.858
335	1200	500	0	2.5039	.000v	1.239	.718
336	1250	500	0	2.5029	.000v	1.030	.628
337	1300	500	0	2.5023	.000v	.843	.558
338	1350	500	0	2.5019	.000v	.678	.484
339	1400	500	0	2.5015	.000v	.544	.407
340	1450	500	0	2.5012	.000v	.441	.331
341	1500	500	0	2.5009	.000v	.399	.271
342	0	550	0	2.5003	.000v	.393	.000v
343	50	550	0	2.5005	.000v	.490	.003
344	100	550	0	2.5007	.000v	.651	.089
345	150	550	0	2.5009	.000v	.693	.190
346	200	550	0	2.5012	.000v	.833	.278
347	250	550	0	2.5016	.000v	.901	.344

348	300	550	0	2.5020	.000v	.998	.495
349	350	550	0	2.5026	.000v	1.103	.677
350	400	550	0	2.5034	.000v	1.240	.852
351	450	550	0	2.5045	.000v	1.393	1.128
352	500	550	0	2.5062	.000v	1.639	1.428
353	550	550	0	2.5088	.000v	2.026	1.683
354	600	550	0	2.5134	.000v	2.530	2.061
355	650	550	0	2.5243	.000v	4.000	2.769
356	700	550	0	2.5357	.000v	4.693	2.952
357	750	550	0	2.5542	.000v	5.109	3.522^
358	800	550	0	2.5478	.000v	5.011	2.848
359	850	550	0	2.5499	.000v	5.554	3.294
360	900	550	0	2.5311	.000v	4.010	2.999
361	950	550	0	2.5178	.000v	2.601	2.065
362	1000	550	0	2.5113	.000v	2.005	1.588
363	1050	550	0	2.5075	.000v	1.618	1.205
364	1100	550	0	2.5051	.000v	1.398	.936
365	1150	550	0	2.5037	.000v	1.178	.704
366	1200	550	0	2.5028	.000v	1.032	.606
367	1250	550	0	2.5022	.000v	.858	.536
368	1300	550	0	2.5017	.000v	.711	.462
369	1350	550	0	2.5014	.000v	.579	.387
370	1400	550	0	2.5011	.000v	.448	.308
371	1450	550	0	2.5009	.000v	.379	.252
372	1500	550	0	2.5007	.000v	.326	.195
373	0	600	0	2.5005	.000v	.510	.029
374	50	600	0	2.5006	.000v	.620	.105
375	100	600	0	2.5009	.000v	.722	.206
376	150	600	0	2.5012	.000v	.852	.318
377	200	600	0	2.5016	.000v	.940	.382
378	250	600	0	2.5022	.000v	1.092	.507
379	300	600	0	2.5029	.000v	1.202	.692
380	350	600	0	2.5039	.000v	1.348	.919
381	400	600	0	2.5054	.000v	1.576	1.138
382	450	600	0	2.5077	.000v	1.919	1.574
383	500	600	0	2.5116	.000v	2.391	1.918
384	550	600	0	2.5202	.000v	3.252	2.554
385	600	600	0	2.5379	.000v	5.103	3.124
386	650	600	0	2.5582	.000v	5.849	3.192
387	700	600	0	2.5560	.000v	5.489	3.018
388	750	600	0	2.5591	.000v	6.221^	3.310
389	800	600	0	2.5387	.000v	4.453	3.470
390	850	600	0	2.5215	.000v	2.854	2.247
391	900	600	0	2.5138	.000v	2.168	1.798
392	950	600	0	2.5095	.000v	1.775	1.488
393	1000	600	0	2.5067	.000v	1.450	1.262
394	1050	600	0	2.5049	.000v	1.251	.992
395	1100	600	0	2.5036	.000v	1.120	.753
396	1150	600	0	2.5027	.000v	.977	.601
397	1200	600	0	2.5021	.000v	.851	.499
398	1250	600	0	2.5017	.000v	.721	.440
399	1300	600	0	2.5013	.000v	.593	.372
400	1350	600	0	2.5010	.000v	.484	.290
401	1400	600	0	2.5008	.000v	.360	.235
402	1450	600	0	2.5006	.000v	.312	.166
403	1500	600	0	2.5004	.000v	.251	.109
404	0	650	0	2.5007	.000v	.608	.122
405	50	650	0	2.5009	.000v	.752	.233
406	100	650	0	2.5012	.000v	.889	.330
407	150	650	0	2.5017	.000v	1.020	.403
408	200	650	0	2.5023	.000v	1.162	.505

409	250	650	0	2.5032	.000v	1.294	.689
410	300	650	0	2.5045	.000v	1.530	.965
411	350	650	0	2.5065	.000v	1.784	1.255
412	400	650	0	2.5099	.000v	2.236	1.698
413	450	650	0	2.5164	.000v	2.987	2.281
414	500	650	0	2.5281	.000v	4.697	3.065
415	550	650	0	2.5498	.000v	5.388	3.366
416	600	650	0	2.5478	.000v	4.922	2.879
417	650	650	0	2.5555	.000v	5.328	3.404
418	700	650	0	2.5382	.000v	4.901	3.078
419	750	650	0	2.5260	.000v	3.298	2.550
420	800	650	0	2.5160	.000v	2.363	1.942
421	850	650	0	2.5110	.000v	1.871	1.621
422	900	650	0	2.5079	.000v	1.555	1.378
423	950	650	0	2.5059	.000v	1.302	1.212
424	1000	650	0	2.5044	.000v	1.161	1.029
425	1050	650	0	2.5034	.000v	1.030	.798
426	1100	650	0	2.5026	.000v	.930	.614
427	1150	650	0	2.5021	.000v	.814	.490
428	1200	650	0	2.5016	.000v	.747	.397
429	1250	650	0	2.5012	.000v	.621	.331
430	1300	650	0	2.5009	.000v	.521	.272
431	1350	650	0	2.5007	.000v	.397	.197
432	1400	650	0	2.5005	.000v	.299	.145
433	1450	650	0	2.5003	.000v	.236	.071
434	1500	650	0	2.5002	.000v	.171	.015
435	0	700	0	2.5009	.000v	.754	.238
436	50	700	0	2.5013	.000v	.908	.338
437	100	700	0	2.5017	.000v	1.097	.408
438	150	700	0	2.5024	.000v	1.243	.494
439	200	700	0	2.5035	.000v	1.452	.667
440	250	700	0	2.5051	.000v	1.745	.908
441	300	700	0	2.5079	.000v	2.104	1.297
442	350	700	0	2.5131	.000v	2.718	1.846
443	400	700	0	2.5256	.000v	3.997	2.615
444	450	700	0	2.5508	.000v	5.621	3.258
445	500	700	0	2.5544	.000v	5.555	2.875
446	550	700	0	2.5620^	.000v	6.196	3.311
447	600	700	0	2.5497	.000v	5.128	3.406
448	650	700	0	2.5332	.000v	3.770	3.085
449	700	700	0	2.5184	.000v	2.620	2.101
450	750	700	0	2.5125	.000v	2.031	1.726
451	800	700	0	2.5090	.000v	1.640	1.464
452	850	700	0	2.5067	.000v	1.416	1.276
453	900	700	0	2.5051	.000v	1.226	1.126
454	950	700	0	2.5040	.000v	1.081	.992
455	1000	700	0	2.5031	.000v	.958	.832
456	1050	700	0	2.5025	.000v	.892	.635
457	1100	700	0	2.5020	.000v	.787	.517
458	1150	700	0	2.5015	.000v	.713	.401
459	1200	700	0	2.5012	.000v	.618	.314
460	1250	700	0	2.5009	.000v	.526	.242
461	1300	700	0	2.5007	.000v	.419	.187
462	1350	700	0	2.5005	.000v	.327	.114
463	1400	700	0	2.5003	.000v	.201	.042
464	1450	700	0	2.5001	.000v	.113	.002
465	1500	700	0	2.5000	.000v	.047	.000v
466	0	750	0	2.5013	.000v	.883	.358
467	50	750	0	2.5019	.000v	1.119	.438
468	100	750	0	2.5027	.000v	1.346	.503
469	150	750	0	2.5038	.000v	1.615	.632

470	200	750	0	2.5059	.000v	1.970	.850
471	250	750	0	2.5097	.000v	2.551	1.252
472	300	750	0	2.5188	.000v	3.746	1.958
473	350	750	0	2.5386	.000v	5.549	2.762
474	400	750	0	2.5430	.000v	5.005	2.625
475	450	750	0	2.5554	.000v	5.145	3.414
476	500	750	0	2.5446	.000v	4.885	2.837
477	550	750	0	2.5376	.000v	4.904	3.051
478	600	750	0	2.5212	.000v	2.809	2.358
479	650	750	0	2.5139	.000v	2.171	1.847
480	700	750	0	2.5099	.000v	1.755	1.549
481	750	750	0	2.5074	.000v	1.475	1.344
482	800	750	0	2.5057	.000v	1.285	1.179
483	850	750	0	2.5045	.000v	1.115	1.054
484	900	750	0	2.5036	.000v	1.009	.929
485	950	750	0	2.5029	.000v	.902	.796
486	1000	750	0	2.5023	.000v	.825	.632
487	1050	750	0	2.5018	.000v	.735	.508
488	1100	750	0	2.5015	.000v	.680	.401
489	1150	750	0	2.5011	.000v	.585	.280
490	1200	750	0	2.5008	.000v	.501	.209
491	1250	750	0	2.5006	.000v	.413	.133
492	1300	750	0	2.5004	.000v	.341	.051
493	1350	750	0	2.5002	.000v	.191	.009
494	1400	750	0	2.5001	.000v	.088	.000v
495	1450	750	0	2.5000	.000v	.018	.000v
496	1500	750	0	2.5000v	.000v	.000v	.000v
497	0	800	0	2.5020	.000v	1.091	.500
498	50	800	0	2.5030	.000v	1.460	.569
499	100	800	0	2.5045	.000v	1.791	.671
500	150	800	0	2.5070	.000v	2.293	.889
501	200	800	0	2.5125	.000v	3.152	1.354
502	250	800	0	2.5310	.000v	4.875	2.503
503	300	800	0	2.5425	.000v	5.535	2.356
504	350	800	0	2.5531	.000v	6.062	2.747
505	400	800	0	2.5454	.000v	5.301	3.096
506	450	800	0	2.5427	.000v	5.920	3.274
507	500	800	0	2.5239	.000v	3.163	2.513
508	550	800	0	2.5153	.000v	2.345	1.945
509	600	800	0	2.5108	.000v	1.826	1.618
510	650	800	0	2.5080	.000v	1.542	1.407
511	700	800	0	2.5061	.000v	1.358	1.241
512	750	800	0	2.5048	.000v	1.182	1.096
513	800	800	0	2.5039	.000v	1.056	.980
514	850	800	0	2.5032	.000v	.954	.866
515	900	800	0	2.5026	.000v	.847	.737
516	950	800	0	2.5021	.000v	.778	.607
517	1000	800	0	2.5017	.000v	.697	.480
518	1050	800	0	2.5014	.000v	.635	.403
519	1100	800	0	2.5010	.000v	.545	.273
520	1150	800	0	2.5008	.000v	.482	.174
521	1200	800	0	2.5005	.000v	.398	.094
522	1250	800	0	2.5003	.000v	.316	.032
523	1300	800	0	2.5002	.000v	.173	.000v
524	1350	800	0	2.5000	.000v	.079	.000v
525	1400	800	0	2.5000	.000v	.003	.000v
526	1450	800	0	2.5000v	.000v	.000v	.000v
527	1500	800	0	2.5000v	.000v	.000v	.000v
528	0	850	0	2.5034	.000v	1.365	.660
529	50	850	0	2.5056	.000v	1.840	.805
530	100	850	0	2.5095	.000v	2.611	1.076

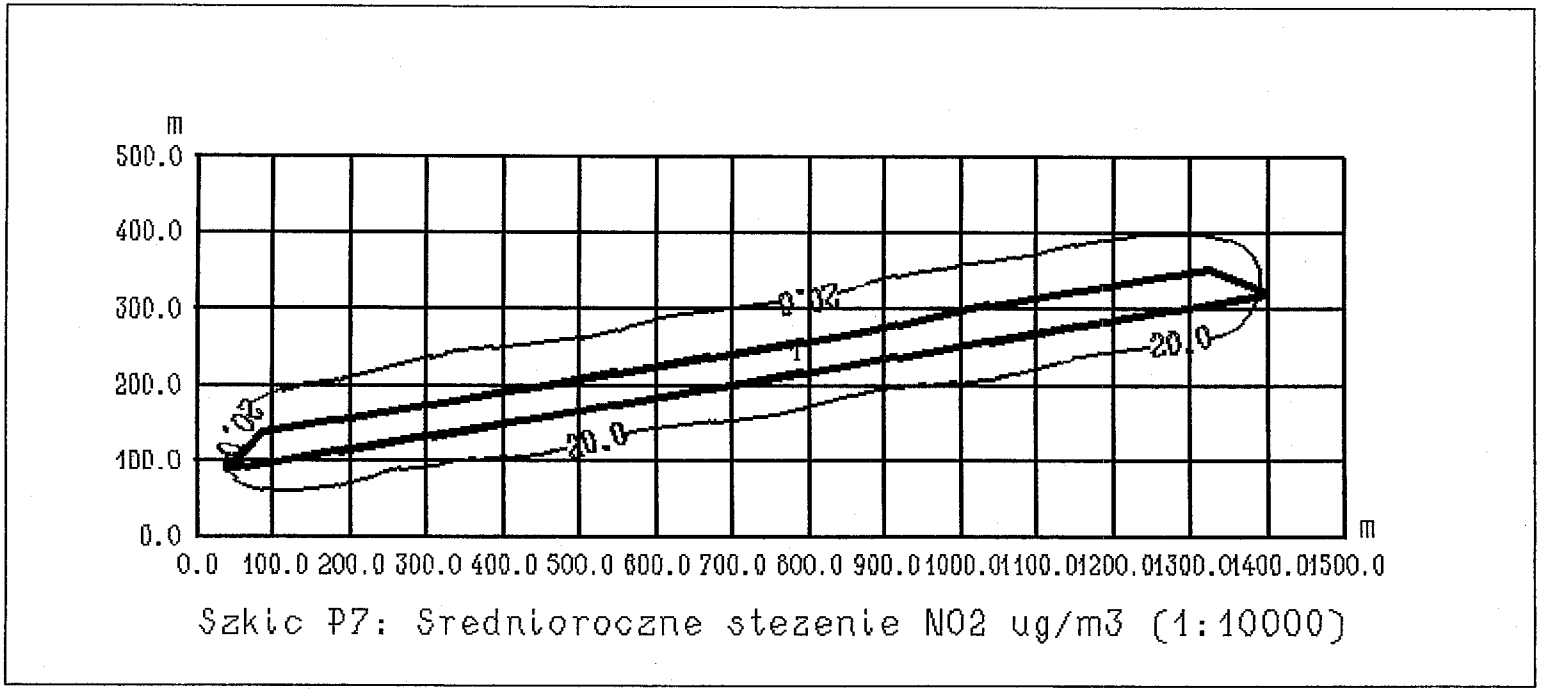
531	150	850	0	2.5203	.000v	4.583	1.856
532	200	850	0	2.5222	.000v	4.659	1.673
533	250	850	0	2.5250	.000v	4.505	1.969
534	300	850	0	2.5216	.000v	4.111	2.036
535	350	850	0	2.5185	.000v	3.718	1.778
536	400	850	0	2.5160	.000v	3.226	1.790
537	450	850	0	2.5136	.000v	2.506	1.766
538	500	850	0	2.5107	.000v	1.984	1.659
539	550	850	0	2.5082	.000v	1.638	1.459
540	600	850	0	2.5064	.000v	1.372	1.284
541	650	850	0	2.5051	.000v	1.221	1.149
542	700	850	0	2.5041	.000v	1.115	1.004
543	750	850	0	2.5034	.000v	.972	.900
544	800	850	0	2.5028	.000v	.897	.793
545	850	850	0	2.5023	.000v	.794	.676
546	900	850	0	2.5019	.000v	.745	.540
547	950	850	0	2.5015	.000v	.646	.448
548	1000	850	0	2.5012	.000v	.580	.361
549	1050	850	0	2.5009	.000v	.507	.249
550	1100	850	0	2.5007	.000v	.435	.140
551	1150	850	0	2.5005	.000v	.352	.045
552	1200	850	0	2.5003	.000v	.237	.006
553	1250	850	0	2.5001	.000v	.153	.000v
554	1300	850	0	2.5000	.000v	.050	.000v
555	1350	850	0	2.5000	.000v	.001	.000v
556	1400	850	0	2.5000v	.000v	.000v	.000v
557	1450	850	0	2.5000v	.000v	.000v	.000v
558	1500	850	0	2.5000v	.000v	.000v	.000v
559	0	900	0	2.5073	.000v	1.831	1.029
560	50	900	0	2.5169	.000v	2.987	1.599
561	100	900	0	2.5297	.000v	4.560	1.634
562	150	900	0	2.5273	.000v	3.597	1.972
563	200	900	0	2.5124	.000v	2.616	1.064
564	250	900	0	2.5093	.000v	2.563	.960
565	300	900	0	2.5086	.000v	2.507	1.059
566	350	900	0	2.5082	.000v	2.372	1.128
567	400	900	0	2.5077	.000v	2.066	1.172
568	450	900	0	2.5070	.000v	1.715	1.221
569	500	900	0	2.5060	.000v	1.447	1.198
570	550	900	0	2.5050	.000v	1.264	1.122
571	600	900	0	2.5041	.000v	1.126	1.031
572	650	900	0	2.5034	.000v	1.029	.898
573	700	900	0	2.5029	.000v	.917	.789
574	750	900	0	2.5024	.000v	.846	.695
575	800	900	0	2.5020	.000v	.749	.564
576	850	900	0	2.5017	.000v	.686	.477
577	900	900	0	2.5014	.000v	.609	.401
578	950	900	0	2.5011	.000v	.531	.318
579	1000	900	0	2.5008	.000v	.450	.220
580	1050	900	0	2.5006	.000v	.384	.116
581	1100	900	0	2.5004	.000v	.283	.035
582	1150	900	0	2.5002	.000v	.172	.000
583	1200	900	0	2.5001	.000v	.089	.000v
584	1250	900	0	2.5000	.000v	.028	.000v
585	1300	900	0	2.5000v	.000v	.000v	.000v
586	1350	900	0	2.5000v	.000v	.000v	.000v
587	1400	900	0	2.5000v	.000v	.000v	.000v
588	1450	900	0	2.5000v	.000v	.000v	.000v
589	1500	900	0	2.5000v	.000v	.000v	.000v
590	0	950	0	2.5192	.000v	3.600	1.446
591	50	950	0	2.5311	.000v	3.496	2.043

592	100	950	0	2.5165	.000v	1.937	1.453
593	150	950	0	2.5090	.000v	1.765	.881
594	200	950	0	2.5063	.000v	1.753	.726
595	250	950	0	2.5052	.000v	1.800	.685
596	300	950	0	2.5048	.000v	1.755	.709
597	350	950	0	2.5047	.000v	1.641	.797
598	400	950	0	2.5045	.000v	1.506	.843
599	450	950	0	2.5042	.000v	1.328	.880
600	500	950	0	2.5037	.000v	1.156	.827
601	550	950	0	2.5033	.000v	1.043	.809
602	600	950	0	2.5028	.000v	.949	.728
603	650	950	0	2.5024	.000v	.866	.634
604	700	950	0	2.5021	.000v	.781	.554
605	750	950	0	2.5017	.000v	.704	.493
606	800	950	0	2.5014	.000v	.640	.427
607	850	950	0	2.5012	.000v	.549	.340
608	900	950	0	2.5009	.000v	.482	.251
609	950	950	0	2.5007	.000v	.410	.154
610	1000	950	0	2.5004	.000v	.309	.075
611	1050	950	0	2.5003	.000v	.216	.014
612	1100	950	0	2.5001	.000v	.121	.000v
613	1150	950	0	2.5000	.000v	.052	.000v
614	1200	950	0	2.5000	.000v	.012	.000v
615	1250	950	0	2.5000v	.000v	.000v	.000v
616	1300	950	0	2.5000v	.000v	.000v	.000v
617	1350	950	0	2.5000v	.000v	.000v	.000v
618	1400	950	0	2.5000v	.000v	.000v	.000v
619	1450	950	0	2.5000v	.000v	.000v	.000v
620	1500	950	0	2.5000v	.000v	.000v	.000v
621	0	1000	0	2.5217	.000v	2.542	1.811
622	50	1000	0	2.5109	.000v	1.328	1.082
623	100	1000	0	2.5067	.000v	1.206	.801
624	150	1000	0	2.5048	.000v	1.274	.622
625	200	1000	0	2.5037	.000v	1.270	.530
626	250	1000	0	2.5033	.000v	1.340	.518
627	300	1000	0	2.5031	.000v	1.265	.507
628	350	1000	0	2.5030	.000v	1.232	.580
629	400	1000	0	2.5029	.000v	1.149	.585
630	450	1000	0	2.5027	.000v	1.055	.639
631	500	1000	0	2.5025	.000v	.964	.613
632	550	1000	0	2.5023	.000v	.877	.605
633	600	1000	0	2.5020	.000v	.795	.544
634	650	1000	0	2.5017	.000v	.743	.482
635	700	1000	0	2.5015	.000v	.669	.428
636	750	1000	0	2.5012	.000v	.590	.365
637	800	1000	0	2.5010	.000v	.508	.269
638	850	1000	0	2.5008	.000v	.444	.181
639	900	1000	0	2.5005	.000v	.345	.113
640	950	1000	0	2.5003	.000v	.235	.035
641	1000	1000	0	2.5002	.000v	.146	.005
642	1050	1000	0	2.5001	.000v	.066	.000v
643	1100	1000	0	2.5000	.000v	.019	.000v
644	1150	1000	0	2.5000v	.000v	.000v	.000v
645	1200	1000	0	2.5000v	.000v	.000v	.000v
646	1250	1000	0	2.5000v	.000v	.000v	.000v
647	1300	1000	0	2.5000v	.000v	.000v	.000v
648	1350	1000	0	2.5000v	.000v	.000v	.000v
649	1400	1000	0	2.5000v	.000v	.000v	.000v
650	1450	1000	0	2.5000v	.000v	.000v	.000v
651	1500	1000	0	2.5000v	.000v	.000v	.000v

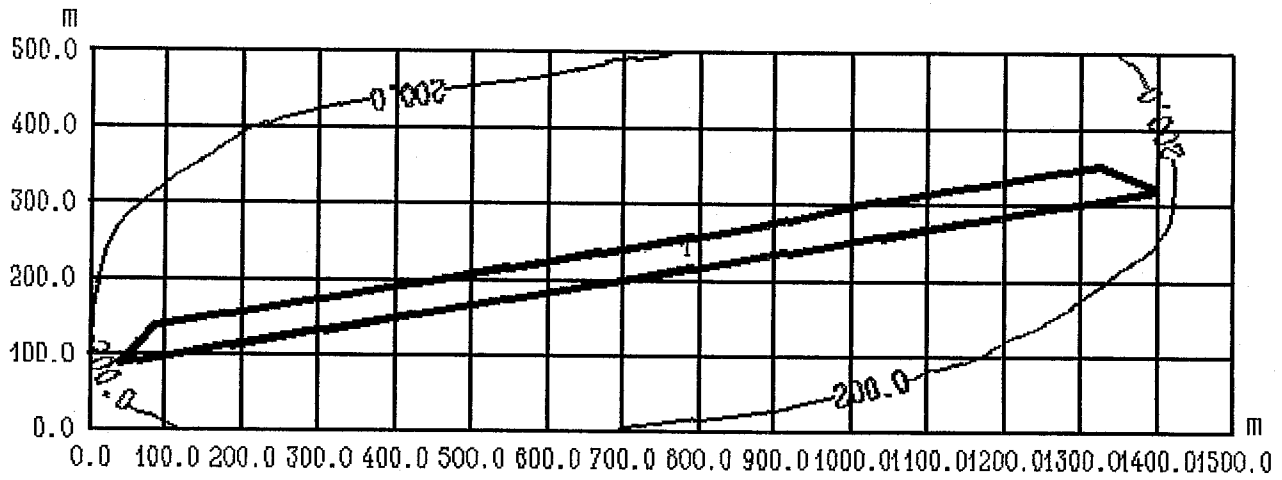
wartosci srednie	2.5075	.000	1.363	.803

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

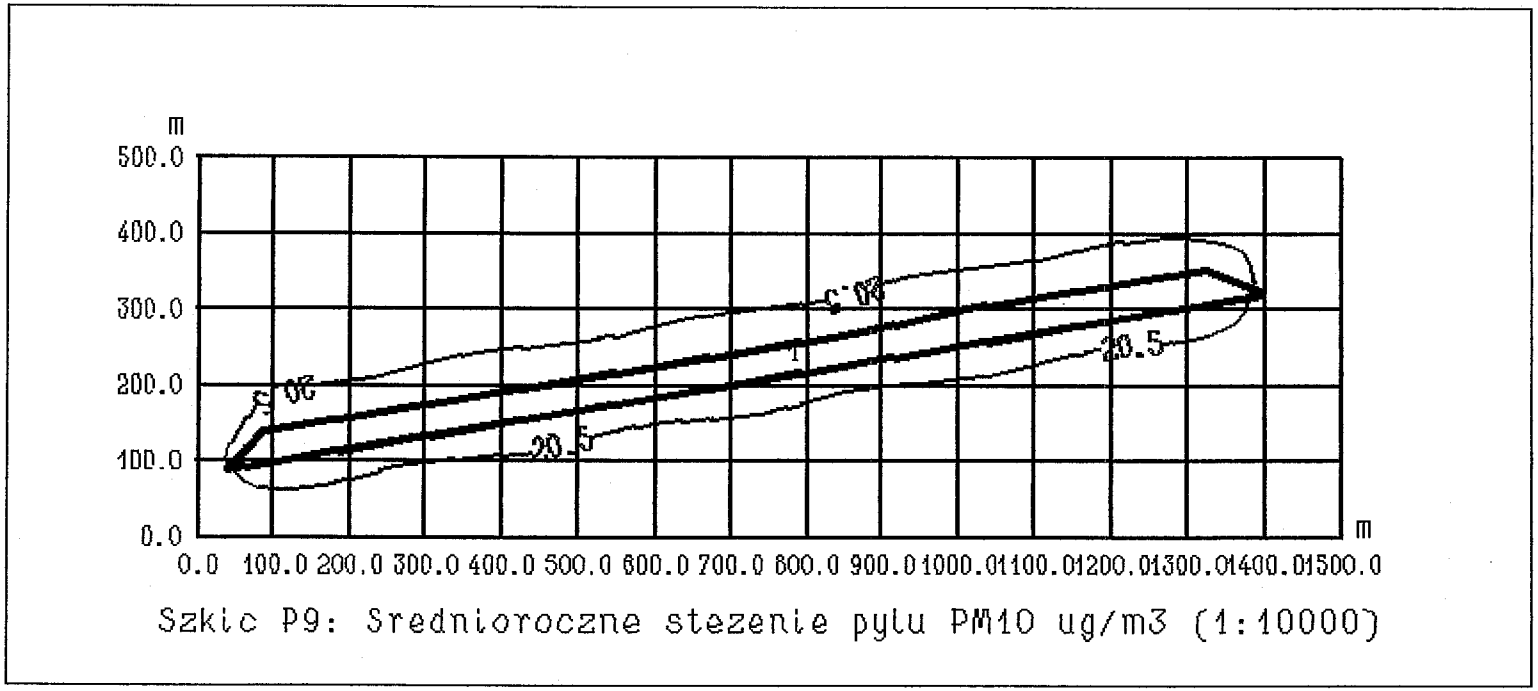
Stacja
MIĘDZYRZEC PODLASKI



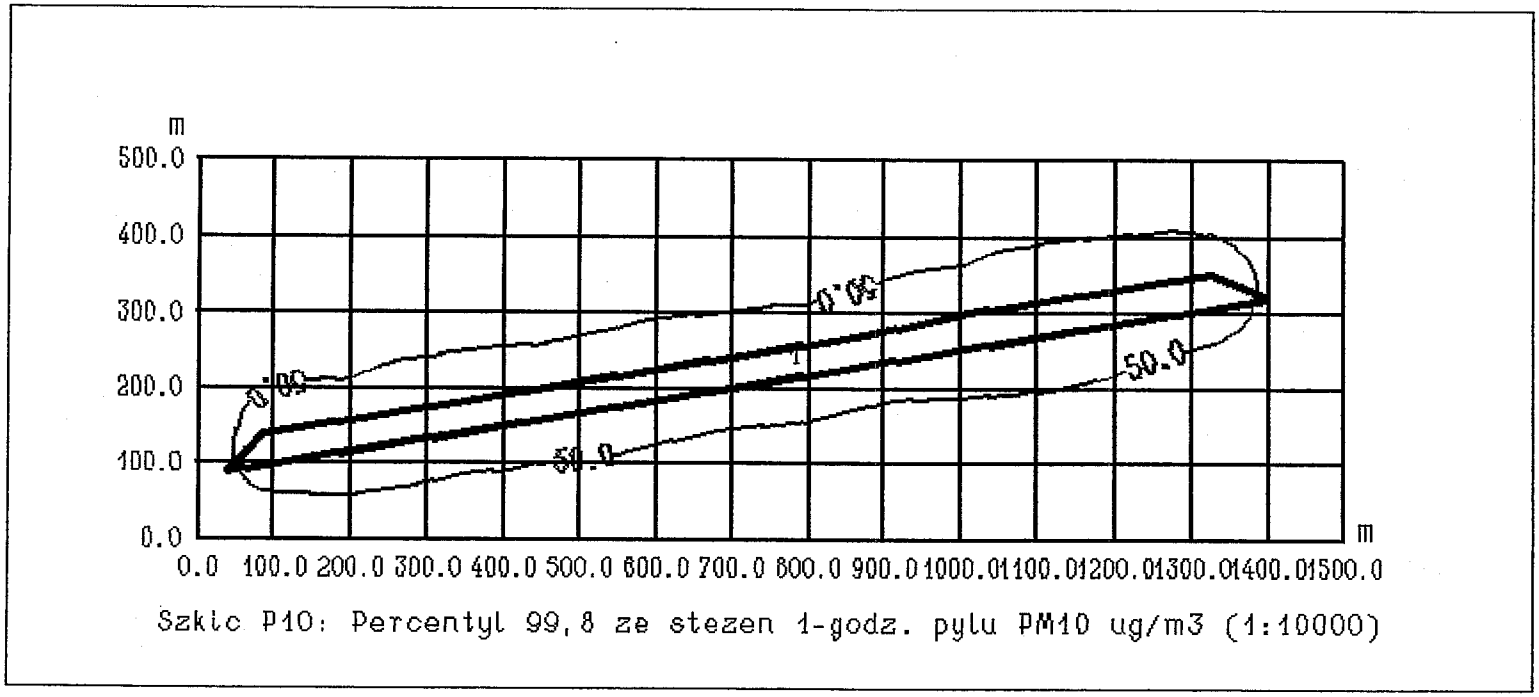
Szkic P7: Srednioroczne stezenie NO2 ug/m3 (1:10000)



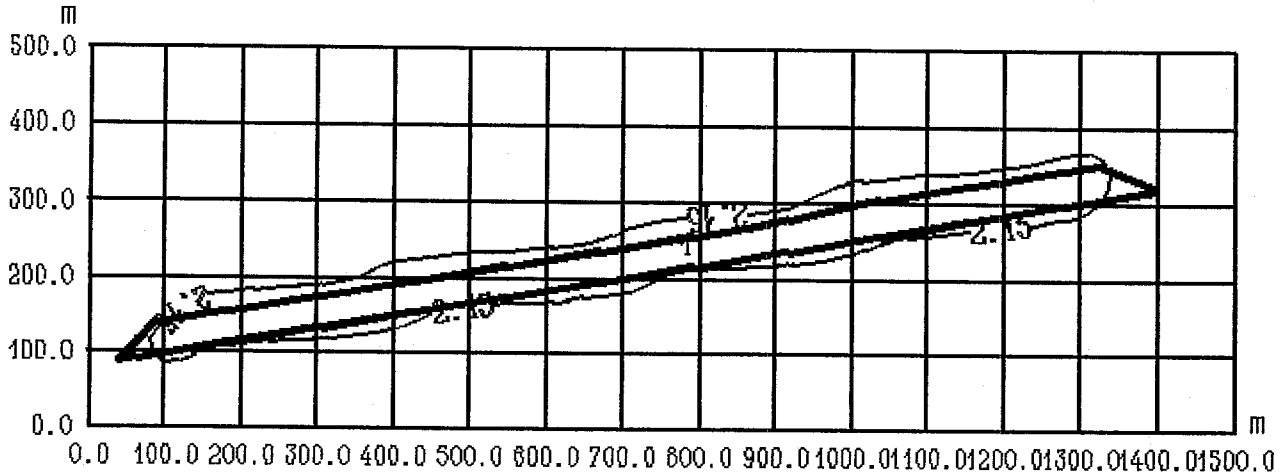
Szkic P8: Percentyl 99,8 ze stezen 1-godz. NO2 ug/m3 (1:10000)



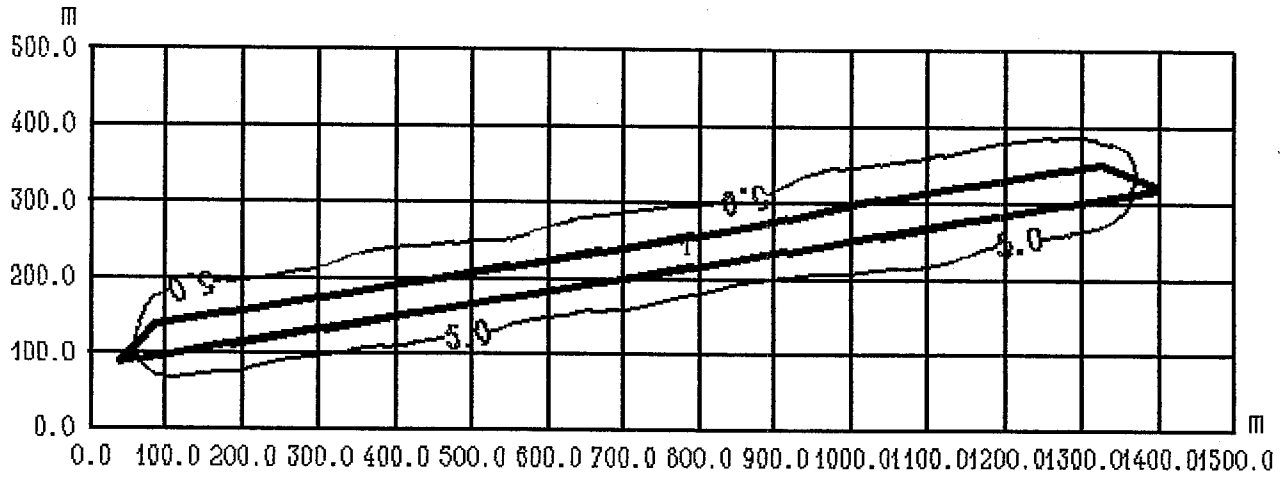
Szkic P9: Sredniroczne stezenie pylu PM10 ug/m3 (1:10000)



Szkic P10: Percentyl 99,8 ze stezen 1-godz. pylu PM10 ug/m3 (1:10000)



Szkic P11: Sredniroczne stezenie benzenu ug/m3 (1:10000)



Szkic P12: Percentyl 99,8 ze stezen 1-godz. benzenu ug/m3 (1:10000)

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 6.02 @@@@@@@@@@@

```
==========================================================================
DANE ZANIECZYSZCZEN :
  numer | typ | czestosc |  nazwa zanieczyszczenia
 ----------------------------------------
    1   | gaz |     .20  | dwutlenek azotu
    2   | pyl |     .20  | pyl PM10
    3   | gaz |     .20  | benzen

==========================================================================
 DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :
 ------------------------------------------------------------------------
 zanieczyszczenie nr 1  [ug/m3] - dwutlenek azotu
  d1 =   200.00| da =   40.000| tlo =   15.400
 ------------------------------------------------------------------------
 zanieczyszczenie nr 2  [ug/m3] - pyl PM10
  d1 =   280.00| da =   40.000| tlo =   20.200
 ------------------------------------------------------------------------
 zanieczyszczenie nr 3  [ug/m3] - benzen
  d1 =   30.000| da =   5.0000| tlo =   2.1000

==========================================================================
DANE PODOKRESOW EMISJI :
     numer    |    numer   | udzial podokresu
   podokresu  |    sezonu  |     w sezonie
  ------------------------------------------------------
        1     |      1     |       .0580

==========================================================================
 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  1.000

==========================================================================
  DANE EMITOROW :
==========================================================================
 EMITOR NR   1 - POWIERZCHNIOWY "                                       "
 ------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba     |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
      .5    |        1       |      6       |  20.0
 ------------------------------------------------------------------------
              wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|      38.0      88.0 |    1400.0     320.0 |    1325.0     350.0 |
|    1013.0     300.0 |     875.0     269.0 |      87.0     138.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 ------------------------------------------------------------------------
 NUMER OKRESU  1 | sezon  1
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        1
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      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  |
emisja [kg/h]|   14.490|   1.6800|  .063000
 ========================================================================
                      SUMA EMISJI W PODOKRESACH [kg/h]

  numery                    numery zanieczyszczen
podokresow  |      1  |      2  |      3  |
    1       |   14.490|   1.6800|  .063000
```

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 6.02 @@@

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fax. 22 842 06 54
Andrzej Biernacki 22 784 42 19
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W y n i k i o b l i c z e n d l a z a n i e c z y s z c z e n g a z o w y c h z t l e m

Uzytkownik : Jan Szymczyk
Licencja nr : autorski
data obliczen : 2006-04-08
identyfikator : miedzy
opis projektu :
Naprawa torowiska na stacji kolejowej w Miedzyrzeczu Podlaskim
Zan 1 - NO2, Zan 2 - pyl PM10, Zan 3 - benzen

Wyniki obliczen w wezlach siatki prostokatnej

ZANIECZYSZCZENIE NR 1 - dwutlenek azotu

dopuszczalne D1 = 200.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 15.40 [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	15.932	.096		553.44	38.41	
2	50	0	0	16.214	.145		512.81	124.57	
3	100	0	0	16.432	.188		473.43	167.61	
4	150	0	0	16.576	.228	*	460.72	243.69	*
5	200	0	0	16.598	.248	*	424.45	267.73	*
6	250	0	0	16.560	.251	*	398.46	265.77	*
7	300	0	0	16.503	.254	*	375.12	261.74	*
8	350	0	0	16.443	.255	*	356.28	262.32	*
9	400	0	0	16.380	.250	*	349.50	267.06	*
10	450	0	0	16.323	.240	*	331.23	269.22	*
11	500	0	0	16.262	.235	*	319.88	256.93	*
12	550	0	0	16.208	.232	*	300.78	249.08	*
13	600	0	0	16.153	.214	*	288.50	230.00	*
14	650	0	0	16.105	.204	*	277.38	211.77	*
15	700	0	0	16.066	.196		269.20	194.04	
16	750	0	0	16.029	.192		259.59	180.22	
17	800	0	0	15.997	.182		269.33	175.24	
18	850	0	0	15.965	.177		259.38	162.48	
19	900	0	0	15.936	.167		258.58	157.15	
20	950	0	0	15.903	.147		255.79	148.82	
21	1000	0	0	15.874	.104		236.78	138.29	
22	1050	0	0	15.838	.098		232.55	110.61	
23	1100	0	0	15.797	.088		224.65	87.52	
24	1150	0	0	15.754	.063		219.96	47.46	

25	1200	0	0	15.707	.036	213.54	21.15
26	1250	0	0	15.660	.013	211.59	11.50
27	1300	0	0	15.621	.004	202.26	9.56
28	1350	0	0	15.588	.000v	192.31	6.64
29	1400	0	0	15.556	.000v	179.70	2.48
30	1450	0	0	15.523	.000v	164.29	.77
31	1500	0	0	15.488v	.000v	153.38	.00v
32	0	50	0	16.137	.105	966.83	71.44
33	50	50	0	17.219	.304 *	883.34	279.62 *
34	100	50	0	17.961	.574 *	780.97	361.15 *
35	150	50	0	18.150	.434 *	697.95	438.07 *
36	200	50	0	17.998	.450 *	638.40	454.77 *
37	250	50	0	17.754	.431 *	583.16	445.21 *
38	300	50	0	17.545	.397 *	534.26	431.82 *
39	350	50	0	17.325	.329 *	498.05	402.60 *
40	400	50	0	17.145	.329 *	459.40	389.74 *
41	450	50	0	16.974	.321 *	437.96	363.97 *
42	500	50	0	16.830	.310 *	422.35	350.46 *
43	550	50	0	16.696	.296 *	408.40	337.81 *
44	600	50	0	16.586	.286 *	384.45	317.67 *
45	650	50	0	16.485	.275 *	365.43	305.75 *
46	700	50	0	16.407	.259 *	342.03	287.70 *
47	750	50	0	16.328	.248 *	339.09	273.51 *
48	800	50	0	16.273	.242 *	331.53	256.33 *
49	850	50	0	16.215	.229 *	321.51	252.56 *
50	900	50	0	16.169	.210 *	321.14	232.91 *
51	950	50	0	16.124	.207 *	306.87	213.76 *
52	1000	50	0	16.078	.199	290.78	196.85
53	1050	50	0	16.034	.181	280.67	184.17
54	1100	50	0	15.979	.165	274.48	158.41
55	1150	50	0	15.920	.138	265.01	132.24
56	1200	50	0	15.850	.118	266.83	91.96
57	1250	50	0	15.782	.099	246.92	45.97
58	1300	50	0	15.718	.085	245.36	17.09
59	1350	50	0	15.670	.075	237.82	13.78
60	1400	50	0	15.622	.045	223.03	11.28
61	1450	50	0	15.574	.014	216.62	6.10
62	1500	50	0	15.523	.004	201.73	1.88
63	0	100	0	16.860	.165	1543.52	149.79
64	50	100	0	22.124	1.518 *	2466.18	522.40 *
65	100	100	0	29.523	2.045 *	2316.22	1210.66 *
66	150	100	0	26.335	3.106 *	1798.97	919.87 *
67	200	100	0	24.182	1.322 *	1370.76	884.12 *
68	250	100	0	21.993	1.001 *	1117.78	741.42 *
69	300	100	0	20.855	.865 *	961.23	687.00 *
70	350	100	0	19.884	.737 *	828.53	599.27 *
71	400	100	0	19.238	.605 *	757.80	570.05 *
72	450	100	0	18.686	.538 *	675.56	511.60 *
73	500	100	0	18.270	.511 *	657.62	495.49 *
74	550	100	0	17.908	.465 *	584.08	456.07 *
75	600	100	0	17.611	.375 *	548.10	429.84 *
76	650	100	0	17.355	.346 *	511.58	405.57 *
77	700	100	0	17.144	.338 *	487.56	381.86 *
78	750	100	0	16.959	.326 *	470.80	363.33 *
79	800	100	0	16.819	.310 *	455.15	338.52 *
80	850	100	0	16.705	.296 *	434.77	328.02 *
81	900	100	0	16.604	.288 *	402.01	314.77 *
82	950	100	0	16.518	.278 *	387.73	305.14 *
83	1000	100	0	16.430	.261 *	366.56	287.20 *
84	1050	100	0	16.356	.247 *	352.63	260.81 *
85	1100	100	0	16.271	.232 *	335.50	232.12 *

86	1150	100	0	16.182	.209 *	328.40	208.76 *
87	1200	100	0	16.079	.179	311.86	169.33
88	1250	100	0	15.966	.143	306.90	122.49
89	1300	100	0	15.865	.117	290.96	59.57
90	1350	100	0	15.785	.095	281.31	22.15
91	1400	100	0	15.714	.077	264.48	17.66
92	1450	100	0	15.638	.056	260.20	12.96
93	1500	100	0	15.564	.031	235.25	5.95
94	0	150	0	16.837	.192	978.60	182.04
95	50	150	0	19.096	.514 *	1216.83	487.71 *
96	100	150	0	26.185	1.544 *	1735.42	965.07 *
97	150	150	0	31.812	2.447 *	2268.15	1173.15 *
98	200	150	0	35.346	2.882 *	3197.70	1506.47 *
99	250	150	0	36.800	3.098 *	2679.98	1564.37 *
100	300	150	0	35.996	2.903 *	3112.03	1593.45^*
101	350	150	0	34.469	3.034 *	2409.83	1204.11 *
102	400	150	0	30.473	2.255 *	2502.51	1082.02 *
103	450	150	0	26.390	1.554 *	1656.10	958.52 *
104	500	150	0	24.109	1.254 *	1296.25	953.68 *
105	550	150	0	22.078	.970 *	1105.81	739.87 *
106	600	150	0	20.699	.850 *	966.72	662.31 *
107	650	150	0	19.844	.716 *	863.40	594.73 *
108	700	150	0	19.128	.592 *	764.64	541.06 *
109	750	150	0	18.617	.530 *	721.75	509.38 *
110	800	150	0	18.202	.498 *	674.10	472.18 *
111	850	150	0	17.868	.453 *	625.48	435.56 *
112	900	150	0	17.627	.369 *	575.64	420.59 *
113	950	150	0	17.388	.348 *	538.60	398.35 *
114	1000	150	0	17.201	.333 *	489.88	403.22 *
115	1050	150	0	17.017	.321 *	453.24	395.14 *
116	1100	150	0	16.852	.310 *	428.52	364.05 *
117	1150	150	0	16.682	.290 *	403.75	313.90 *
118	1200	150	0	16.515	.250 *	406.82	260.74 *
119	1250	150	0	16.321	.209 *	385.01	211.96 *
120	1300	150	0	16.139	.166	375.09	153.08
121	1350	150	0	15.979	.134	355.77	74.96
122	1400	150	0	15.853	.108	333.05	29.16
123	1450	150	0	15.720	.076	320.01	19.92
124	1500	150	0	15.612	.046	295.75	11.26
125	0	200	0	16.373	.176	581.74	146.94
126	50	200	0	17.220	.332 *	634.46	352.03 *
127	100	200	0	18.525	.522 *	664.80	514.57 *
128	150	200	0	20.012	.752 *	736.37	570.90 *
129	200	200	0	21.116	.905 *	816.82	601.23 *
130	250	200	0	22.435	1.111 *	880.27	703.96 *
131	300	200	0	23.903	1.222 *	1040.02	781.34 *
132	350	200	0	26.093	1.534 *	1317.62	926.34 *
133	400	200	0	30.247	2.116 *	1679.66	1291.97 *
134	450	200	0	32.993	2.503 *	2030.26	1356.53 *
135	500	200	0	36.824	3.271 *	2303.97	1420.96 *
136	550	200	0	36.531	3.385 *	2410.00	1193.56 *
137	600	200	0	38.234	3.578 *	2442.62	1299.93 *
138	650	200	0	32.435	2.586 *	2502.19	1128.89 *
139	700	200	0	30.826	2.209 *	2218.21	1351.23 *
140	750	200	0	26.222	1.582 *	1716.13	937.84 *
141	800	200	0	23.547	1.229 *	1351.69	841.73 *
142	850	200	0	21.796	.928 *	1149.39	716.93 *
143	900	200	0	20.677	.837 *	1007.22	645.75 *
144	950	200	0	19.859	.703 *	866.56	594.81 *
145	1000	200	0	19.275	.604 *	791.33	591.89 *
146	1050	200	0	18.745	.530 *	685.87	551.64 *

147	1100	200	0	18.320	.506 *	619.47	538.00 *
148	1150	200	0	17.913	.459 *	572.28	491.10 *
149	1200	200	0	17.554	.389 *	555.72	440.00 *
150	1250	200	0	17.177	.303 *	525.47	335.61 *
151	1300	200	0	16.780	.279 *	504.72	261.74 *
152	1350	200	0	16.415	.196	483.53	164.71
153	1400	200	0	16.121	.137	444.04	106.61
154	1450	200	0	15.852	.093	418.35	37.88
155	1500	200	0	15.674	.058	389.41	16.13
156	0	250	0	16.090	.160	394.70	135.59
157	50	250	0	16.467	.245 *	411.78	256.32 *
158	100	250	0	16.951	.338 *	439.83	343.37 *
159	150	250	0	17.497	.435 *	466.48	395.15 *
160	200	250	0	18.014	.510 *	491.31	417.14 *
161	250	250	0	18.449	.589 *	529.73	450.91 *
162	300	250	0	18.873	.675 *	569.17	466.85 *
163	350	250	0	19.346	.734 *	618.24	503.81 *
164	400	250	0	19.911	.768 *	677.15	539.97 *
165	450	250	0	20.537	.832 *	748.33	561.66 *
166	500	250	0	21.414	.970 *	828.09	635.54 *
167	550	250	0	22.415	1.114 *	944.98	664.13 *
168	600	250	0	23.973	1.226 *	1064.59	787.20 *
169	650	250	0	26.105	1.547 *	1289.41	927.80 *
170	700	250	0	28.497	1.811 *	1699.39	1087.66 *
171	750	250	0	32.138	2.448 *	2241.12	1284.20 *
172	800	250	0	35.163	2.838 *	3209.80	1522.73 *
173	850	250	0	36.247	3.020 *	2773.90	1548.05 *
174	900	250	0	35.663	2.855 *	3448.22^	1556.99 *
175	950	250	0	33.792	2.875 *	2600.59	1117.93 *
176	1000	250	0	29.985	2.130 *	2403.38	1165.06 *
177	1050	250	0	26.079	1.533 *	1563.76	999.41 *
178	1100	250	0	23.989	1.211 *	1223.38	966.74 *
179	1150	250	0	21.900	.921 *	1095.21	771.05 *
180	1200	250	0	20.629	.820 *	946.55	693.36 *
181	1250	250	0	19.623	.695 *	846.97	600.97 *
182	1300	250	0	18.614	.505 *	797.93	459.09 *
183	1350	250	0	17.599	.463 *	731.35	326.84 *
184	1400	250	0	16.702	.216 *	653.61	197.70
185	1450	250	0	16.065	.097	606.97	48.99
186	1500	250	0	15.778	.065	552.64	25.45
187	0	300	0	15.903	.126	303.35	98.69
188	50	300	0	16.111	.187	312.53	178.53
189	100	300	0	16.339	.244 *	327.14	228.88 *
190	150	300	0	16.605	.314 *	345.28	300.65 *
191	200	300	0	16.869	.373 *	346.30	322.06 *
192	250	300	0	17.110	.423 *	375.86	334.68 *
193	300	300	0	17.322	.461 *	388.88	352.81 *
194	350	300	0	17.518	.502 *	434.30	368.68 *
195	400	300	0	17.745	.531 *	448.78	379.99 *
196	450	300	0	17.979	.553 *	474.30	405.08 *
197	500	300	0	18.256	.569 *	501.50	425.05 *
198	550	300	0	18.557	.593 *	526.87	440.28 *
199	600	300	0	18.917	.681 *	578.48	466.82 *
200	650	300	0	19.358	.731 *	616.59	486.12 *
201	700	300	0	19.852	.787 *	675.16	512.99 *
202	750	300	0	20.555	.845 *	760.29	573.48 *
203	800	300	0	21.330	.913 *	867.71	600.80 *
204	850	300	0	22.562	1.139 *	1017.79	695.40 *
205	900	300	0	24.337	1.255 *	1278.30	790.47 *
206	950	300	0	28.186	1.763 *	1608.74	1077.52 *
207	1000	300	0	34.085	2.629 *	1960.20	1541.48 *

208	1050	300	0	36.144	2.976 *	2309.40	1406.85 *
209	1100	300	0	40.106^*	3.849^*	2381.32	1397.94 *
210	1150	300	0	38.182	3.676 *	2411.18	1228.65 *
211	1200	300	0	38.029	3.572 *	2273.74	1406.87 *
212	1250	300	0	31.945	2.387 *	2072.55	1133.79 *
213	1300	300	0	29.432	2.119 *	1829.77	1244.06 *
214	1350	300	0	23.407	1.187 *	1647.50	771.36 *
215	1400	300	0	18.296	.503 *	1339.16	329.64 *
216	1450	300	0	16.396	.117	1018.03	77.16
217	1500	300	0	15.900	.071	808.56	32.22
218	0	350	0	15.780	.095	244.53	59.53
219	50	350	0	15.907	.134	249.36	131.58
220	100	350	0	16.038	.171	258.54	176.24
221	150	350	0	16.187	.203 *	271.02	207.72 *
222	200	350	0	16.342	.241 *	277.52	254.92 *
223	250	350	0	16.493	.288 *	294.52	265.17 *
224	300	350	0	16.630	.344 *	302.00	277.52 *
225	350	350	0	16.751	.381 *	309.58	288.05 *
226	400	350	0	16.864	.409 *	331.32	301.72 *
227	450	350	0	16.981	.429 *	335.44	310.46 *
228	500	350	0	17.101	.453 *	360.54	323.52 *
229	550	350	0	17.223	.466 *	365.03	333.26 *
230	600	350	0	17.379	.485 *	390.00	346.19 *
231	650	350	0	17.540	.507 *	412.78	363.52 *
232	700	350	0	17.757	.540 *	459.61	379.10 *
233	750	350	0	17.983	.557 *	500.08	393.67 *
234	800	350	0	18.280	.572 *	559.51	418.81 *
235	850	350	0	18.640	.597 *	625.44	442.75 *
236	900	350	0	19.114	.698 *	657.48	481.28 *
237	950	350	0	19.789	.758 *	735.72	545.64 *
238	1000	350	0	20.616	.823 *	778.20	607.75 *
239	1050	350	0	21.607	1.001 *	807.32	676.22 *
240	1100	350	0	22.596	1.111 *	964.36	732.07 *
241	1150	350	0	23.921	1.211 *	1119.12	793.49 *
242	1200	350	0	25.874	1.495 *	1328.21	934.87 *
243	1250	350	0	27.675	1.763 *	1581.83	982.37 *
244	1300	350	0	29.926	2.220 *	2073.34	995.02 *
245	1350	350	0	25.871	1.626 *	2190.00	827.15 *
246	1400	350	0	18.947	.424 *	1785.72	361.45 *
247	1450	350	0	16.474	.117	1356.03	77.76
248	1500	350	0	15.910	.064	954.62	34.05
249	0	400	0	15.690	.018	205.45	29.75
250	50	400	0	15.770	.046	204.82	81.46
251	100	400	0	15.861	.094	221.46	132.89
252	150	400	0	15.954	.157	224.89	153.82
253	200	400	0	16.059	.187	232.98	188.27
254	250	400	0	16.157	.221 *	240.55	212.37 *
255	300	400	0	16.254	.246 *	243.28	222.46 *
256	350	400	0	16.334	.274 *	254.48	231.63 *
257	400	400	0	16.413	.289 *	265.29	239.49 *
258	450	400	0	16.473	.302 *	270.14	246.79 *
259	500	400	0	16.543	.312 *	282.70	255.02 *
260	550	400	0	16.608	.328 *	290.03	264.80 *
261	600	400	0	16.684	.362 *	295.16	272.99 *
262	650	400	0	16.777	.396 *	313.51	283.58 *
263	700	400	0	16.872	.416 *	324.21	292.88 *
264	750	400	0	16.991	.428 *	373.75	304.25 *
265	800	400	0	17.122	.454 *	397.15	318.20 *
266	850	400	0	17.286	.479 *	435.45	337.29 *
267	900	400	0	17.488	.495 *	443.02	358.49 *
268	950	400	0	17.720	.524 *	471.26	382.87 *

269	1000	400	0	18.007	.538 *	479.01	426.78 *
270	1050	400	0	18.295	.547 *	508.88	460.06 *
271	1100	400	0	18.569	.610 *	550.46	474.49 *
272	1150	400	0	18.848	.643 *	603.59	500.13 *
273	1200	400	0	19.121	.669 *	674.08	521.14 *
274	1250	400	0	19.348	.665 *	726.33	538.47 *
275	1300	400	0	19.352	.635 *	798.76	560.75 *
276	1350	400	0	18.539	.449 *	859.21	448.51 *
277	1400	400	0	17.166	.241 *	920.16	226.26 *
278	1450	400	0	16.233	.098	884.51	78.19
279	1500	400	0	15.825	.060	769.25	29.71
280	0	450	0	15.612	.000v	166.79	6.97
281	50	450	0	15.674	.000v	176.00	39.21
282	100	450	0	15.732	.000v	192.02	93.77
283	150	450	0	15.799	.000v	184.84	121.60
284	200	450	0	15.864	.000v	193.37	132.76
285	250	450	0	15.933	.000v	195.31	153.96
286	300	450	0	15.998	.006	200.26	172.27
287	350	450	0	16.058	.069	205.96	184.82
288	400	450	0	16.114	.115	216.16	191.20
289	450	450	0	16.162	.171	223.28	198.42
290	500	450	0	16.205	.226 *	229.72	203.40 *
291	550	450	0	16.249	.248 *	235.58	210.85 *
292	600	450	0	16.297	.273 *	242.73	216.30 *
293	650	450	0	16.353	.293 *	248.82	226.20 *
294	700	450	0	16.411	.302 *	262.77	235.18 *
295	750	450	0	16.479	.309 *	284.17	242.86 *
296	800	450	0	16.557	.324 *	310.06	252.32 *
297	850	450	0	16.651	.349 *	315.48	262.82 *
298	900	450	0	16.757	.379 *	334.41	278.91 *
299	950	450	0	16.865	.403 *	348.19	296.56 *
300	1000	450	0	16.985	.419 *	360.76	326.98 *
301	1050	450	0	17.093	.426 *	374.52	344.79 *
302	1100	450	0	17.202	.437 *	392.21	361.63 *
303	1150	450	0	17.280	.445 *	422.05	374.44 *
304	1200	450	0	17.354	.446 *	444.13	381.89 *
305	1250	450	0	17.351	.420 *	477.35	387.62 *
306	1300	450	0	17.211	.359 *	495.45	343.99 *
307	1350	450	0	16.882	.269 *	535.30	294.89 *
308	1400	450	0	16.445	.183	558.47	178.62
309	1450	450	0	16.022	.103	573.35	63.48
310	1500	450	0	15.751	.056	541.46	23.13
311	0	500	0	15.551	.000v	135.11v	.00v
312	50	500	0	15.593	.000v	151.21	18.81
313	100	500	0	15.640	.000v	155.34	49.94
314	150	500	0	15.683	.000v	157.02	83.17
315	200	500	0	15.727	.000v	159.31	98.82
316	250	500	0	15.773	.000v	164.63	112.55
317	300	500	0	15.821	.000v	164.50	123.02
318	350	500	0	15.863	.000v	173.44	132.73
319	400	500	0	15.899	.000v	180.96	143.38
320	450	500	0	15.933	.000v	191.16	146.40
321	500	500	0	15.961	.000v	186.63	158.45
322	550	500	0	15.996	.000v	191.05	166.77
323	600	500	0	16.030	.000v	196.68	171.78
324	650	500	0	16.071	.000v	196.18	182.91
325	700	500	0	16.119	.076	214.43	191.39
326	750	500	0	16.167	.168	229.01	196.03
327	800	500	0	16.227	.226 *	249.37	203.86 *
328	850	500	0	16.287	.250 *	262.74	211.35 *
329	900	500	0	16.359	.274 *	276.37	220.44 *

330	950	500	0	16.417	.290 *	285.20	235.16 *
331	1000	500	0	16.481	.313 *	291.50	251.22 *
332	1050	500	0	16.532	.333 *	296.86	276.37 *
333	1100	500	0	16.580	.337 *	306.06	287.34 *
334	1150	500	0	16.611	.335 *	334.40	296.38 *
335	1200	500	0	16.610	.331 *	336.47	297.96 *
336	1250	500	0	16.562	.292 *	356.03	285.01 *
337	1300	500	0	16.439	.246 *	357.47	245.69 *
338	1350	500	0	16.278	.200	391.47	199.12
339	1400	500	0	16.084	.155	390.07	121.77
340	1450	500	0	15.877	.097	413.14	48.22
341	1500	500	0	15.698	.057	402.36	17.69
	wartosci srednie			19.037	.605	692.29	407.46

ZANIECZYSZCZENIE NR 2 - pyl PM10

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

tlo stezenia R = 20.20 [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	20.231	.000v	32.08	2.23
2	50	0	0	20.247	.000v	29.73	7.22
3	100	0	0	20.260	.000v	27.45	9.72
4	150	0	0	20.268	.000v	26.71	14.13
5	200	0	0	20.269	.000v	24.61	15.52
6	250	0	0	20.267	.000v	23.10	15.41
7	300	0	0	20.264	.000v	21.75	15.17
8	350	0	0	20.260	.000v	20.65	15.21
9	400	0	0	20.257	.000v	20.26	15.48
10	450	0	0	20.254	.000v	19.20	15.61
11	500	0	0	20.250	.000v	18.54	14.89
12	550	0	0	20.247	.000v	17.44	14.44
13	600	0	0	20.244	.000v	16.72	13.33
14	650	0	0	20.241	.000v	16.08	12.28
15	700	0	0	20.239	.000v	15.61	11.25
16	750	0	0	20.236	.000v	15.05	10.45
17	800	0	0	20.235	.000v	15.61	10.16
18	850	0	0	20.233	.000v	15.04	9.42
19	900	0	0	20.231	.000v	14.99	9.11
20	950	0	0	20.229	.000v	14.83	8.63
21	1000	0	0	20.227	.000v	13.73	8.02
22	1050	0	0	20.225	.000v	13.48	6.41
23	1100	0	0	20.223	.000v	13.02	5.07
24	1150	0	0	20.221	.000v	12.75	2.75
25	1200	0	0	20.218	.000v	12.38	1.23
26	1250	0	0	20.215	.000v	12.27	.67
27	1300	0	0	20.213	.000v	11.72	.55
28	1350	0	0	20.211	.000v	11.15	.39
29	1400	0	0	20.209	.000v	10.42	.14
30	1450	0	0	20.207	.000v	9.52	.04
31	1500	0	0	20.205v	.000v	8.89	.00v
32	0	50	0	20.243	.000v	56.05	4.14
33	50	50	0	20.305	.000v	51.21	16.21
34	100	50	0	20.348	.000v	45.27	20.94
35	150	50	0	20.359	.000v	40.46	25.40
36	200	50	0	20.351	.000v	37.01	26.36
37	250	50	0	20.336	.000v	33.81	25.81
38	300	50	0	20.324	.000v	30.97	25.03

39	350	50	0	20.312	.000v	28.87	23.34
40	400	50	0	20.301	.000v	26.63	22.59
41	450	50	0	20.291	.000v	25.39	21.10
42	500	50	0	20.283	.000v	24.48	20.32
43	550	50	0	20.275	.000v	23.68	19.58
44	600	50	0	20.269	.000v	22.29	18.42
45	650	50	0	20.263	.000v	21.18	17.72
46	700	50	0	20.258	.000v	19.83	16.68
47	750	50	0	20.254	.000v	19.66	15.86
48	800	50	0	20.251	.000v	19.22	14.86
49	850	50	0	20.247	.000v	18.64	14.64
50	900	50	0	20.245	.000v	18.62	13.50
51	950	50	0	20.242	.000v	17.79	12.39
52	1000	50	0	20.239	.000v	16.86	11.41
53	1050	50	0	20.237	.000v	16.27	10.68
54	1100	50	0	20.234	.000v	15.91	9.18
55	1150	50	0	20.230	.000v	15.36	7.67
56	1200	50	0	20.226	.000v	15.47	5.33
57	1250	50	0	20.222	.000v	14.31	2.66
58	1300	50	0	20.218	.000v	14.22	.99
59	1350	50	0	20.216	.000v	13.79	.80
60	1400	50	0	20.213	.000v	12.93	.65
61	1450	50	0	20.210	.000v	12.56	.35
62	1500	50	0	20.207	.000v	11.69	.11
63	0	100	0	20.285	.000v	89.48	8.68
64	50	100	0	20.590	.000v	142.97	30.28
65	100	100	0	21.019	.000v	134.27	70.18
66	150	100	0	20.834	.000v	104.29	53.33
67	200	100	0	20.709	.000v	79.46	51.25
68	250	100	0	20.582	.000v	64.80	42.98
69	300	100	0	20.516	.000v	55.72	39.83
70	350	100	0	20.460	.000v	48.03	34.74
71	400	100	0	20.423	.000v	43.93	33.05
72	450	100	0	20.390	.000v	39.16	29.66
73	500	100	0	20.366	.000v	38.12	28.72
74	550	100	0	20.345	.000v	33.86	26.44
75	600	100	0	20.328	.000v	31.77	24.92
76	650	100	0	20.313	.000v	29.66	23.51
77	700	100	0	20.301	.000v	28.26	22.14
78	750	100	0	20.290	.000v	27.29	21.06
79	800	100	0	20.282	.000v	26.39	19.62
80	850	100	0	20.276	.000v	25.20	19.02
81	900	100	0	20.270	.000v	23.30	18.25
82	950	100	0	20.265	.000v	22.48	17.69
83	1000	100	0	20.260	.000v	21.25	16.65
84	1050	100	0	20.255	.000v	20.44	15.12
85	1100	100	0	20.250	.000v	19.45	13.46
86	1150	100	0	20.245	.000v	19.04	12.10
87	1200	100	0	20.239	.000v	18.08	9.82
88	1250	100	0	20.233	.000v	17.79	7.10
89	1300	100	0	20.227	.000v	16.87	3.45
90	1350	100	0	20.222	.000v	16.31	1.28
91	1400	100	0	20.218	.000v	15.33	1.02
92	1450	100	0	20.214	.000v	15.08	.75
93	1500	100	0	20.210	.000v	13.64	.35
94	0	150	0	20.283	.000v	56.73	10.55
95	50	150	0	20.414	.000v	70.54	28.27
96	100	150	0	20.825	.000v	100.60	55.95
97	150	150	0	21.151	.000v	131.49	68.01
98	200	150	0	21.356	.000v	185.37	87.33
99	250	150	0	21.441	.000v	155.36	90.69

100	300	150	0	21.394	.000v	180.41	92.37^
101	350	150	0	21.305	.000v	139.70	69.80
102	400	150	0	21.074	.000v	145.07	62.73
103	450	150	0	20.837	.000v	96.01	55.57
104	500	150	0	20.705	.000v	75.14	55.29
105	550	150	0	20.587	.000v	64.11	42.89
106	600	150	0	20.507	.000v	56.04	38.39
107	650	150	0	20.458	.000v	50.05	34.48
108	700	150	0	20.416	.000v	44.33	31.37
109	750	150	0	20.387	.000v	41.84	29.53
110	800	150	0	20.362	.000v	39.08	27.37
111	850	150	0	20.343	.000v	36.26	25.25
112	900	150	0	20.329	.000v	33.37	24.38
113	950	150	0	20.315	.000v	31.22	23.09
114	1000	150	0	20.304	.000v	28.40	23.37
115	1050	150	0	20.294	.000v	26.27	22.91
116	1100	150	0	20.284	.000v	24.84	21.10
117	1150	150	0	20.274	.000v	23.41	18.20
118	1200	150	0	20.265	.000v	23.58	15.12
119	1250	150	0	20.253	.000v	22.32	12.29
120	1300	150	0	20.243	.000v	21.74	8.87
121	1350	150	0	20.234	.000v	20.62	4.35
122	1400	150	0	20.226	.000v	19.31	1.69
123	1450	150	0	20.219	.000v	18.55	1.15
124	1500	150	0	20.212	.000v	17.15	.65
125	0	200	0	20.256	.000v	33.72	8.52
126	50	200	0	20.306	.000v	36.78	20.41
127	100	200	0	20.381	.000v	38.54	29.83
128	150	200	0	20.467	.000v	42.69	33.10
129	200	200	0	20.531	.000v	47.35	34.85
130	250	200	0	20.608	.000v	51.03	40.81
131	300	200	0	20.693	.000v	60.29	45.29
132	350	200	0	20.820	.000v	76.38	53.70
133	400	200	0	21.061	.000v	97.37	74.90
134	450	200	0	21.220	.000v	117.70	78.64
135	500	200	0	21.442	.000v	133.56	82.37
136	550	200	0	21.425	.000v	139.71	69.19
137	600	200	0	21.524	.000v	141.60	75.36
138	650	200	0	21.188	.000v	145.05	65.44
139	700	200	0	21.094	.000v	128.59	78.33
140	750	200	0	20.827	.000v	99.49	54.37
141	800	200	0	20.672	.000v	78.36	48.80
142	850	200	0	20.571	.000v	66.63	41.56
143	900	200	0	20.506	.000v	58.39	37.43
144	950	200	0	20.459	.000v	50.24	34.48
145	1000	200	0	20.425	.000v	45.87	34.31
146	1050	200	0	20.394	.000v	39.76	31.98
147	1100	200	0	20.369	.000v	35.91	31.19
148	1150	200	0	20.346	.000v	33.18	28.47
149	1200	200	0	20.325	.000v	32.22	25.51
150	1250	200	0	20.303	.000v	30.46	19.46
151	1300	200	0	20.280	.000v	29.26	15.17
152	1350	200	0	20.259	.000v	28.03	9.55
153	1400	200	0	20.242	.000v	25.74	6.18
154	1450	200	0	20.226	.000v	24.25	2.20
155	1500	200	0	20.216	.000v	22.57	.94
156	0	250	0	20.240	.000v	22.88	7.86
157	50	250	0	20.262	.000v	23.87	14.86
158	100	250	0	20.290	.000v	25.50	19.91
159	150	250	0	20.322	.000v	27.04	22.91
160	200	250	0	20.352	.000v	28.48	24.18

161	250	250	0	20.377	.000v	30.71	26.14
162	300	250	0	20.401	.000v	33.00	27.06
163	350	250	0	20.429	.000v	35.84	29.21
164	400	250	0	20.462	.000v	39.25	31.30
165	450	250	0	20.498	.000v	43.38	32.56
166	500	250	0	20.549	.000v	48.01	36.84
167	550	250	0	20.607	.000v	54.78	38.50
168	600	250	0	20.697	.000v	61.72	45.63
169	650	250	0	20.821	.000v	74.75	53.79
170	700	250	0	20.959	.000v	98.52	63.05
171	750	250	0	21.170	.000v	129.92	74.45
172	800	250	0	21.346	.000v	186.08	88.27
173	850	250	0	21.409	.000v	160.81	89.74
174	900	250	0	21.375	.000v	199.90^	90.26
175	950	250	0	21.266	.000v	150.76	64.81
176	1000	250	0	21.045	.000v	139.33	67.54
177	1050	250	0	20.819	.000v	90.65	57.94
178	1100	250	0	20.698	.000v	70.92	56.04
179	1150	250	0	20.577	.000v	63.49	44.70
180	1200	250	0	20.503	.000v	54.87	40.19
181	1250	250	0	20.445	.000v	49.10	34.84
182	1300	250	0	20.386	.000v	46.26	26.61
183	1350	250	0	20.327	.000v	42.40	18.95
184	1400	250	0	20.275	.000v	37.89	11.46
185	1450	250	0	20.239	.000v	35.19	2.84
186	1500	250	0	20.222	.000v	32.04	1.48
187	0	300	0	20.229	.000v	17.59	5.72
188	50	300	0	20.241	.000v	18.12	10.35
189	100	300	0	20.254	.000v	18.96	13.27
190	150	300	0	20.270	.000v	20.02	17.43
191	200	300	0	20.285	.000v	20.08	18.67
192	250	300	0	20.299	.000v	21.79	19.40
193	300	300	0	20.311	.000v	22.54	20.45
194	350	300	0	20.323	.000v	25.18	21.37
195	400	300	0	20.336	.000v	26.02	22.03
196	450	300	0	20.349	.000v	27.50	23.48
197	500	300	0	20.366	.000v	29.07	24.64
198	550	300	0	20.383	.000v	30.54	25.52
199	600	300	0	20.404	.000v	33.53	27.06
200	650	300	0	20.429	.000v	35.74	28.18
201	700	300	0	20.458	.000v	39.14	29.74
202	750	300	0	20.499	.000v	44.07	33.25
203	800	300	0	20.544	.000v	50.30	34.83
204	850	300	0	20.615	.000v	59.00	40.31
205	900	300	0	20.718	.000v	74.10	45.82
206	950	300	0	20.941	.000v	93.26	62.47
207	1000	300	0	21.283	.000v	113.63	89.36
208	1050	300	0	21.403	.000v	133.88	81.56
209	1100	300	0	21.632^	.000v	138.05	81.04
210	1150	300	0	21.521	.000v	139.78	71.23
211	1200	300	0	21.512	.000v	131.81	81.56
212	1250	300	0	21.159	.000v	120.15	65.73
213	1300	300	0	21.013	.000v	106.07	72.12
214	1350	300	0	20.664	.000v	95.51	44.72
215	1400	300	0	20.368	.000v	77.63	19.11
216	1450	300	0	20.258	.000v	59.02	4.47
217	1500	300	0	20.229	.000v	46.87	1.87
218	0	350	0	20.222	.000v	14.18	3.45
219	50	350	0	20.229	.000v	14.46	7.63
220	100	350	0	20.237	.000v	14.99	10.22
221	150	350	0	20.246	.000v	15.71	12.04

222	200	350	0	20.255	.000v	16.09	14.78
223	250	350	0	20.263	.000v	17.07	15.37
224	300	350	0	20.271	.000v	17.51	16.09
225	350	350	0	20.278	.000v	17.95	16.70
226	400	350	0	20.285	.000v	19.21	17.49
227	450	350	0	20.292	.000v	19.45	18.00
228	500	350	0	20.299	.000v	20.90	18.75
229	550	350	0	20.306	.000v	21.16	19.32
230	600	350	0	20.315	.000v	22.61	20.07
231	650	350	0	20.324	.000v	23.93	21.07
232	700	350	0	20.337	.000v	26.64	21.98
233	750	350	0	20.350	.000v	28.99	22.82
234	800	350	0	20.367	.000v	32.44	24.28
235	850	350	0	20.388	.000v	36.26	25.67
236	900	350	0	20.415	.000v	38.11	27.90
237	950	350	0	20.454	.000v	42.65	31.63
238	1000	350	0	20.502	.000v	45.11	35.23
239	1050	350	0	20.560	.000v	46.80	39.20
240	1100	350	0	20.617	.000v	55.90	42.44
241	1150	350	0	20.694	.000v	64.88	46.00
242	1200	350	0	20.807	.000v	77.00	54.20
243	1250	350	0	20.912	.000v	91.70	56.95
244	1300	350	0	21.042	.000v	120.19	57.68
245	1350	350	0	20.807	.000v	126.96	47.95
246	1400	350	0	20.406	.000v	103.52	20.95
247	1450	350	0	20.262	.000v	78.61	4.51
248	1500	350	0	20.230	.000v	55.34	1.97
249	0	400	0	20.217	.000v	11.91	1.72
250	50	400	0	20.221	.000v	11.87	4.72
251	100	400	0	20.227	.000v	12.84	7.70
252	150	400	0	20.232	.000v	13.04	8.92
253	200	400	0	20.238	.000v	13.51	10.91
254	250	400	0	20.244	.000v	13.95	12.31
255	300	400	0	20.250	.000v	14.10	12.90
256	350	400	0	20.254	.000v	14.75	13.43
257	400	400	0	20.259	.000v	15.38	13.88
258	450	400	0	20.262	.000v	15.66	14.31
259	500	400	0	20.266	.000v	16.39	14.78
260	550	400	0	20.270	.000v	16.81	15.35
261	600	400	0	20.274	.000v	17.11	15.83
262	650	400	0	20.280	.000v	18.17	16.44
263	700	400	0	20.285	.000v	18.80	16.98
264	750	400	0	20.292	.000v	21.67	17.64
265	800	400	0	20.300	.000v	23.02	18.45
266	850	400	0	20.309	.000v	25.24	19.55
267	900	400	0	20.321	.000v	25.68	20.78
268	950	400	0	20.334	.000v	27.32	22.20
269	1000	400	0	20.351	.000v	27.77	24.74
270	1050	400	0	20.368	.000v	29.50	26.67
271	1100	400	0	20.384	.000v	31.91	27.51
272	1150	400	0	20.400	.000v	34.99	28.99
273	1200	400	0	20.416	.000v	39.08	30.21
274	1250	400	0	20.429	.000v	42.11	31.22
275	1300	400	0	20.429	.000v	46.31	32.51
276	1350	400	0	20.382	.000v	49.81	26.00
277	1400	400	0	20.302	.000v	53.34	13.12
278	1450	400	0	20.248	.000v	51.28	4.53
279	1500	400	0	20.225	.000v	44.59	1.72
280	0	450	0	20.212	.000v	9.67	.40
281	50	450	0	20.216	.000v	10.20	2.27
282	100	450	0	20.219	.000v	11.13	5.44

283	150	450	0	20.223	.000v	10.72	7.05
284	200	450	0	20.227	.000v	11.21	7.70
285	250	450	0	20.231	.000v	11.32	8.93
286	300	450	0	20.235	.000v	11.61	9.99
287	350	450	0	20.238	.000v	11.94	10.71
288	400	450	0	20.241	.000v	12.53	11.08
289	450	450	0	20.244	.000v	12.94	11.50
290	500	450	0	20.247	.000v	13.32	11.79
291	550	450	0	20.249	.000v	13.66	12.22
292	600	450	0	20.252	.000v	14.07	12.54
293	650	450	0	20.255	.000v	14.42	13.11
294	700	450	0	20.259	.000v	15.23	13.63
295	750	450	0	20.263	.000v	16.47	14.08
296	800	450	0	20.267	.000v	17.97	14.63
297	850	450	0	20.273	.000v	18.29	15.24
298	900	450	0	20.279	.000v	19.39	16.17
299	950	450	0	20.285	.000v	20.18	17.19
300	1000	450	0	20.292	.000v	20.91	18.96
301	1050	450	0	20.298	.000v	21.71	19.99
302	1100	450	0	20.304	.000v	22.74	20.96
303	1150	450	0	20.309	.000v	24.47	21.71
304	1200	450	0	20.313	.000v	25.75	22.14
305	1250	450	0	20.313	.000v	27.67	22.47
306	1300	450	0	20.305	.000v	28.72	19.94
307	1350	450	0	20.286	.000v	31.03	17.10
308	1400	450	0	20.261	.000v	32.38	10.35
309	1450	450	0	20.236	.000v	33.24	3.68
310	1500	450	0	20.220	.000v	31.39	1.34
311	0	500	0	20.209	.000v	7.83v	.00v
312	50	500	0	20.211	.000v	8.77	1.09
313	100	500	0	20.214	.000v	9.01	2.90
314	150	500	0	20.216	.000v	9.10	4.82
315	200	500	0	20.219	.000v	9.24	5.73
316	250	500	0	20.222	.000v	9.54	6.52
317	300	500	0	20.224	.000v	9.54	7.13
318	350	500	0	20.227	.000v	10.05	7.69
319	400	500	0	20.229	.000v	10.49	8.31
320	450	500	0	20.231	.000v	11.08	8.49
321	500	500	0	20.233	.000v	10.82	9.19
322	550	500	0	20.235	.000v	11.08	9.67
323	600	500	0	20.237	.000v	11.40	9.96
324	650	500	0	20.239	.000v	11.37	10.60
325	700	500	0	20.242	.000v	12.43	11.10
326	750	500	0	20.244	.000v	13.28	11.36
327	800	500	0	20.248	.000v	14.46	11.82
328	850	500	0	20.251	.000v	15.23	12.25
329	900	500	0	20.256	.000v	16.02	12.78
330	950	500	0	20.259	.000v	16.53	13.63
331	1000	500	0	20.263	.000v	16.90	14.56
332	1050	500	0	20.266	.000v	17.21	16.02
333	1100	500	0	20.268	.000v	17.74	16.66
334	1150	500	0	20.270	.000v	19.39	17.18
335	1200	500	0	20.270	.000v	19.51	17.27
336	1250	500	0	20.267	.000v	20.64	16.52
337	1300	500	0	20.260	.000v	20.72	14.24
338	1350	500	0	20.251	.000v	22.69	11.54
339	1400	500	0	20.240	.000v	22.61	7.06
340	1450	500	0	20.228	.000v	23.95	2.80
341	1500	500	0	20.217	.000v	23.33	1.03
	wartosci srednie			20.411	.000	40.13	23.62

ZANIECZYSZCZENIE NR 3 - benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.100 [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	2.1023	.000v	2.406	.167
2	50	0	0	2.1035	.000v	2.230	.542
3	100	0	0	2.1045	.000v	2.058	.729
4	150	0	0	2.1051	.000v	2.003	1.060
5	200	0	0	2.1052	.000v	1.845	1.164
6	250	0	0	2.1050	.000v	1.732	1.156
7	300	0	0	2.1048	.000v	1.631	1.138
8	350	0	0	2.1045	.000v	1.549	1.141
9	400	0	0	2.1043	.000v	1.520	1.161
10	450	0	0	2.1040	.000v	1.440	1.171
11	500	0	0	2.1037	.000v	1.391	1.117
12	550	0	0	2.1035	.000v	1.308	1.083
13	600	0	0	2.1033	.000v	1.254	1.000
14	650	0	0	2.1031	.000v	1.206	.921
15	700	0	0	2.1029	.000v	1.170	.844
16	750	0	0	2.1027	.000v	1.129	.784
17	800	0	0	2.1026	.000v	1.171	.762
18	850	0	0	2.1025	.000v	1.128	.706
19	900	0	0	2.1023	.000v	1.124	.683
20	950	0	0	2.1022	.000v	1.112	.647
21	1000	0	0	2.1021	.000v	1.029	.601
22	1050	0	0	2.1019	.000v	1.011	.481
23	1100	0	0	2.1017	.000v	.977	.381
24	1150	0	0	2.1015	.000v	.956	.206
25	1200	0	0	2.1013	.000v	.928	.092
26	1250	0	0	2.1011	.000v	.920	.050
27	1300	0	0	2.1010	.000v	.879	.042
28	1350	0	0	2.1008	.000v	.836	.029
29	1400	0	0	2.1007	.000v	.781	.011
30	1450	0	0	2.1005	.000v	.714	.003
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33	50	50	0	2.1079	.000v	3.841	1.216
34	100	50	0	2.1111	.000v	3.396	1.570
35	150	50	0	2.1120	.000v	3.035	1.905
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39	350	50	0	2.1084	.000v	2.165	1.750
40	400	50	0	2.1076	.000v	1.997	1.695
41	450	50	0	2.1068	.000v	1.904	1.582
42	500	50	0	2.1062	.000v	1.836	1.524
43	550	50	0	2.1056	.000v	1.776	1.469
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45	650	50	0	2.1047	.000v	1.589	1.329
46	700	50	0	2.1044	.000v	1.487	1.251
47	750	50	0	2.1040	.000v	1.474	1.189
48	800	50	0	2.1038	.000v	1.441	1.114
49	850	50	0	2.1035	.000v	1.398	1.098
50	900	50	0	2.1033	.000v	1.396	1.013
51	950	50	0	2.1031	.000v	1.334	.929
52	1000	50	0	2.1029	.000v	1.264	.856

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63	0	100	0	2.1063	.000v	6.711	.651
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69	300	100	0	2.1237	.000v	4.179	2.987
70	350	100	0	2.1195	.000v	3.602	2.606
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72	450	100	0	2.1143	.000v	2.937	2.224
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172	800	250	0	2.1859	.000v	13.956	6.621
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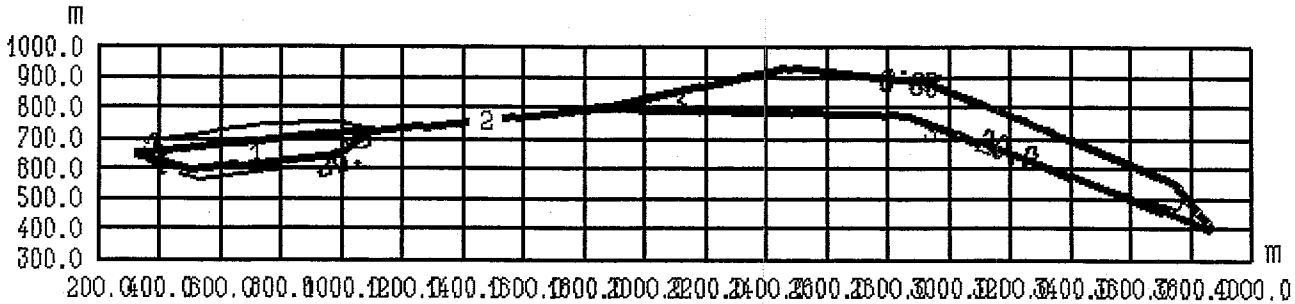
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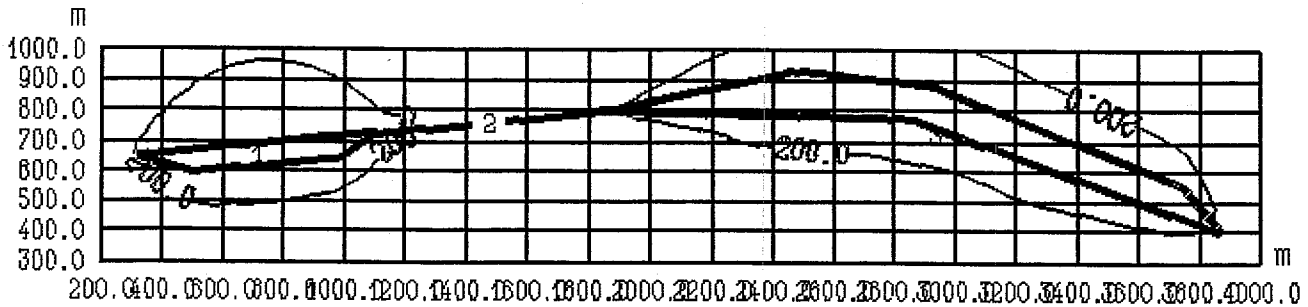
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315	200	500	0	2.1014	.000v	.693	.430
316	250	500	0	2.1016	.000v	.716	.489
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318	350	500	0	2.1020	.000v	.754	.577
319	400	500	0	2.1022	.000v	.787	.623
320	450	500	0	2.1023	.000v	.831	.637
321	500	500	0	2.1024	.000v	.811	.689
322	550	500	0	2.1026	.000v	.831	.725
323	600	500	0	2.1027	.000v	.855	.747
324	650	500	0	2.1029	.000v	.853	.795
325	700	500	0	2.1031	.000v	.932	.832
326	750	500	0	2.1033	.000v	.996	.852
327	800	500	0	2.1036	.000v	1.084	.886
328	850	500	0	2.1039	.000v	1.142	.919
329	900	500	0	2.1042	.000v	1.202	.958
330	950	500	0	2.1044	.000v	1.240	1.022
331	1000	500	0	2.1047	.000v	1.267	1.092
332	1050	500	0	2.1049	.000v	1.291	1.202
333	1100	500	0	2.1051	.000v	1.331	1.249
334	1150	500	0	2.1053	.000v	1.454	1.289
335	1200	500	0	2.1053	.000v	1.463	1.295
336	1250	500	0	2.1051	.000v	1.548	1.239
337	1300	500	0	2.1045	.000v	1.554	1.068
338	1350	500	0	2.1038	.000v	1.702	.866
339	1400	500	0	2.1030	.000v	1.696	.529
340	1450	500	0	2.1021	.000v	1.796	.210
341	1500	500	0	2.1013	.000v	1.749	.077
	wartosci srednie			2.1158	.000	3.010	1.772

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

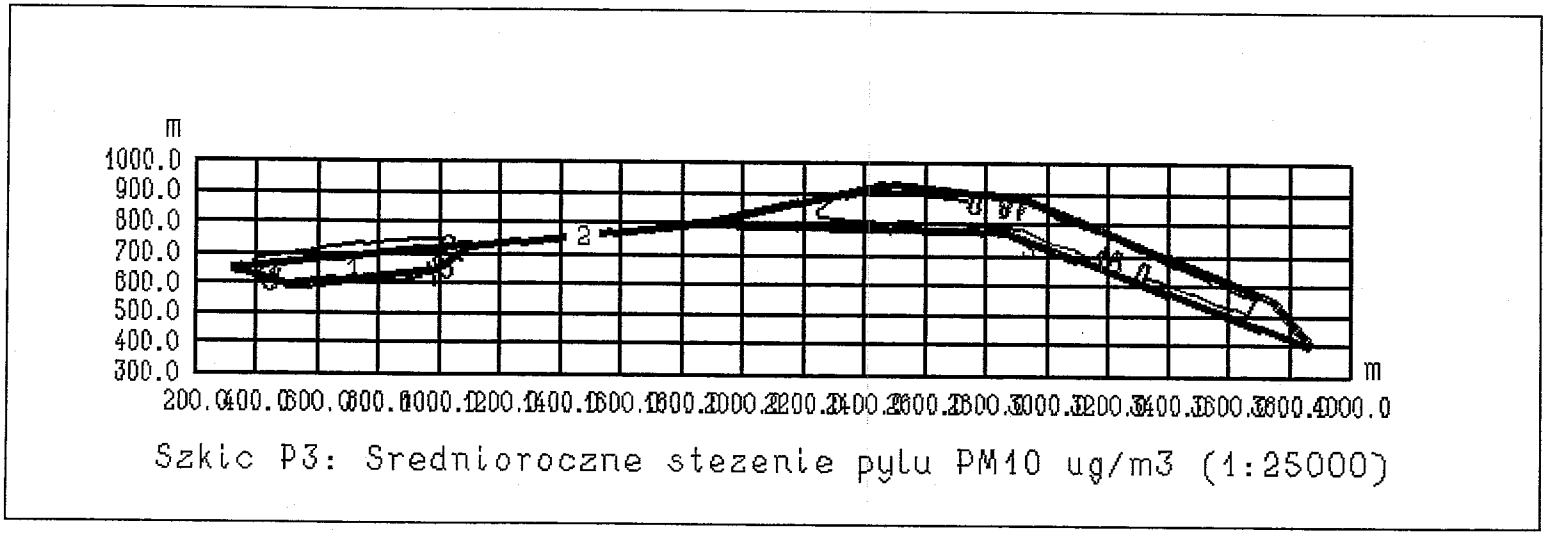
Stacja
BIAŁA PODLASKA



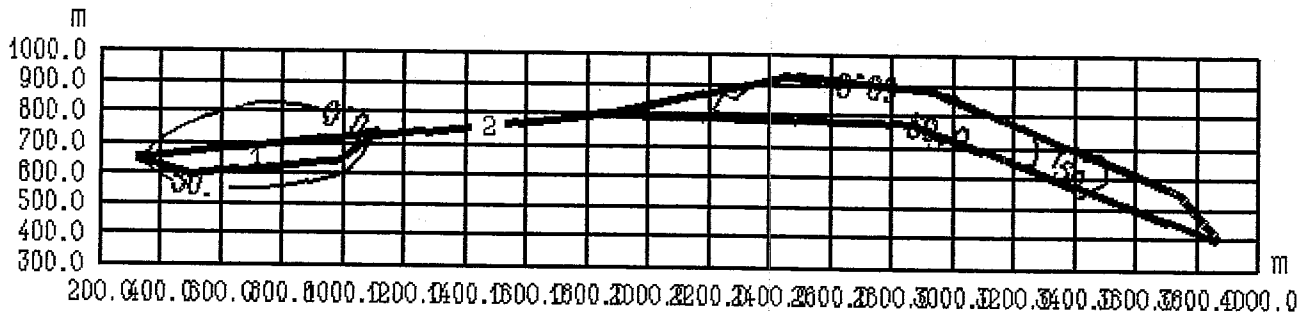
Szkic P1: Srednioroczne stezenie NO2 ug/m3 (1:25000)



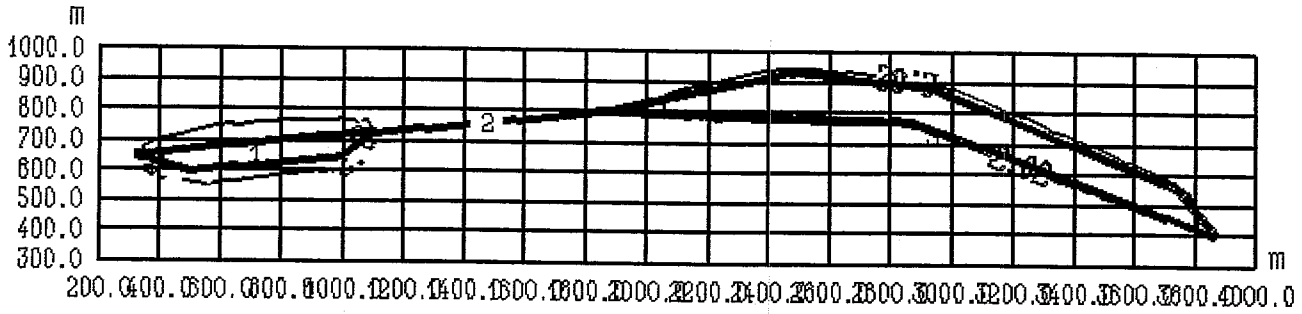
Szkic P2: Percentyl 99,8 ze stezen 1-godz. NO2 ug/m3 (1:25000)



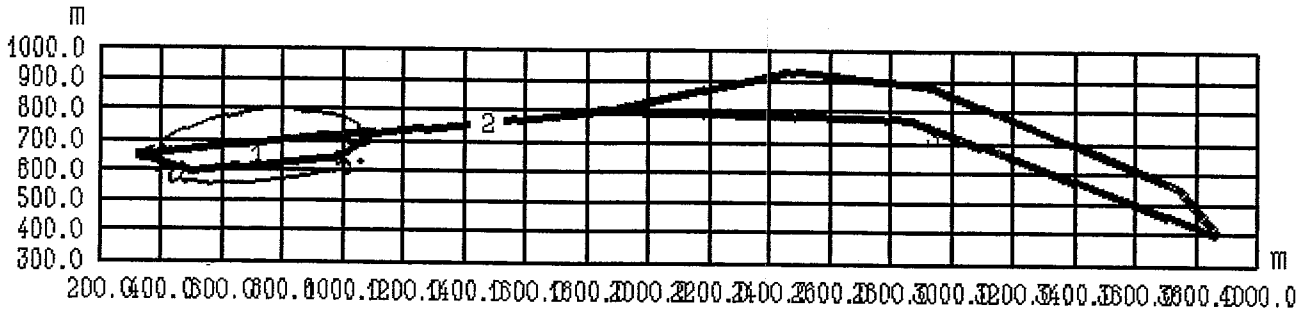
Szkic P3: Sredniroczne stezenie pylu PM10 ug/m3 (1:25000)



Szkic P4: Percentyl 99,8 ze stezen 1-godz. pylu PM10 ug/m3 (1:25000)



Szkic P5: Sredniroczne stezenie benzenu ug/m3 (1:25000)



Szkic P6: Percentyl 99,8 ze stezen 1-godz. benzenu ug/m3 (1:25000)

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 6.02 @@@@@@@@@@@

```
DANE ZANIECZYSZCZEN :
  numer | typ | czestosc |  nazwa zanieczyszczenia
 ----------------------------------------
    1   | gaz |      .20  | dwutlenek azotu
    2   | pyl |      .20  | pyl PM10
    3   | gaz |      .20  | benzen

 DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :
 zanieczyszczenie nr 1  [ug/m3] - dwutlenek azotu
  d1 =   200.00| da =   40.000| tlo =   13.600
 zanieczyszczenie nr 2  [ug/m3] - pyl PM10
  d1 =   280.00| da =   40.000| tlo =   17.500
 zanieczyszczenie nr 3  [ug/m3] - benzen
  d1 =   30.000| da =   5.0000| tlo =   2.0000

DANE PODOKRESOW EMISJI :
     numer     |    numer    | udzial podokresu
   podokresu   |    sezonu   |     w sezonie
  ------------------------------------------------
        1      |      1      |       .0380
        2      |      1      |       .0030
        3      |      1      |       .0580

 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  1.000

  DANE EMITOROW :
 EMITOR NR   1 - POWIERZCHNIOWY "                                    "
  wysokosc | liczba okresow |   liczba     |   modul
   hp[m]   |     emisji     | wierzcholkow | podzialu [m]
     .5    |        1       |      4       |  20.0
              wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|     325.0     650.0 |     500.0     600.0 |    1000.0     650.0 |
|    1100.0     725.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 NUMER OKRESU  1 | sezon  1
     n u m e r y   p o d o k r e s o w   e m i s j i
       1
     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  |
emisja [kg/h]|   14.490|   1.6800|  .063000
EMITOR NR   2 - LINIOWY "                                           "
          wspolrzedne  emitora          |wysokosc| liczba okresow
```

xl1[m]	yl1[m]	xl2[m]	yl2[m]	hl[m]	emisji
1100.0	725.0	1850.0	800.0	.5	1

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

NUMER OKRESU 1 | sezon 1

n u m e r y p o d o k r e s o w e m i s j i
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
emisja [kg/h]	14.490	1.6800	.063000

EMITOR NR 3 - POWIERZCHNIOWY " "

wysokosc hp[m]	liczba okresow emisji	liczba wierzcholkow	modul podzialu [m]
.5	1	6	20.0

wspolrzedne wierzcholkow emitora :

xp[m]	yp[m]	xp[m]	yp[m]	xp[m]	yp[m]
1850.0	800.0	2875.0	775.0	3875.0	400.0
3750.0	550.0	2950.0	875.0	2450.0	925.0

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

NUMER OKRESU 1 | sezon 1

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
emisja [kg/h]	14.490	1.6800	.063000

SUMA EMISJI W PODOKRESACH [kg/h]

numery podokresow	numery zanieczyszczen 1	2	3
1	14.490	1.6800	.063000
2	14.490	1.6800	.063000
3	14.490	1.6800	.063000

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 6.02 @@@@@@@@@@@

25	1400	300	0	13.606	.000	204.22	.00v
26	1450	300	0	13.605	.000	202.09	.00v
27	1500	300	0	13.604	.000v	199.09	.00v
28	1550	300	0	13.604	.000v	196.11	.00v
29	1600	300	0	13.603	.000v	193.87	.00v
30	1650	300	0	13.603	.000v	190.41	.00v
31	1700	300	0	13.603	.000v	188.63	.00v
32	1750	300	0	13.602	.000v	185.89	.00v
33	1800	300	0	13.602	.000	205.71	.00v
34	1850	300	0	13.601	.000	203.98	.00v
35	1900	300	0	13.601	.000	200.20	.00v
36	1950	300	0	13.601	.000v	2.68	.00v
37	2000	300	0	13.601	.000v	2.85	.00v
38	2050	300	0	13.601	.000v	3.06	.00v
39	2100	300	0	13.601	.000v	3.40	.00v
40	2150	300	0	13.601	.000v	3.91	.00v
41	2200	300	0	13.601	.000v	4.60	.00v
42	2250	300	0	13.601	.000v	5.09	.00v
43	2300	300	0	13.601	.000v	5.77	.00v
44	2350	300	0	13.602	.000v	6.27	.00v
45	2400	300	0	13.602	.000v	6.95	.00v
46	2450	300	0	13.602	.000v	7.45	.00v
47	2500	300	0	13.602	.000v	8.12	.00v
48	2550	300	0	13.602	.000v	8.63	.00v
49	2600	300	0	13.603	.000v	9.30	.00v
50	2650	300	0	13.603	.000v	9.81	.00v
51	2700	300	0	13.603	.000v	10.47	.00v
52	2750	300	0	13.605	.000v	10.99	.00v
53	2800	300	0	13.609	.000v	14.31	.00v
54	2850	300	0	13.617	.000v	24.16	.00v
55	2900	300	0	13.626	.000v	34.54	.00v
56	2950	300	0	13.640	.000v	49.04	.00v
57	3000	300	0	13.654	.000v	59.56	.00v
58	3050	300	0	13.672	.000v	72.56	.00v
59	3100	300	0	13.689	.000v	82.01	.24
60	3150	300	0	13.709	.000v	89.92	.84
61	3200	300	0	13.727	.000v	101.27	2.07
62	3250	300	0	13.749	.000v	106.85	4.55
63	3300	300	0	13.770	.000v	114.36	14.65
64	3350	300	0	13.795	.000v	121.40	25.12
65	3400	300	0	13.815	.000v	130.96	29.80
66	3450	300	0	13.841	.000v	139.78	44.05
67	3500	300	0	13.860	.000v	144.54	53.37
68	3550	300	0	13.883	.000v	156.49	63.55
69	3600	300	0	13.899	.000v	165.52	66.11
70	3650	300	0	13.911	.000v	177.07	64.45
71	3700	300	0	13.913	.000v	188.94	58.45
72	3750	300	0	13.904	.021	206.34	41.47
73	3800	300	0	13.884	.049	228.14	28.07
74	3850	300	0	13.848	.044	246.76	17.98
75	3900	300	0	13.793	.032	277.83	13.95
76	3950	300	0	13.721	.020	287.88	5.64
77	4000	300	0	13.674	.010	240.56	1.29
78	200	350	0	13.691	.021	302.96	.00v
79	250	350	0	13.739	.033	353.80	.00v
80	300	350	0	13.791	.050	385.05	.00v
81	350	350	0	13.839	.062	417.31	.00v
82	400	350	0	13.880	.069	436.11	.00v
83	450	350	0	13.918	.078	437.89	.00v
84	500	350	0	13.953	.086	437.53	2.24
85	550	350	0	13.993	.098	428.23	7.21

86	600	350	0	14.025	.109	435.18	13.15
87	650	350	0	14.048	.116	421.01	16.75
88	700	350	0	14.052	.116	421.71	16.84
89	750	350	0	14.039	.116	408.90	15.19
90	800	350	0	14.010	.107	404.74	10.65
91	850	350	0	13.969	.101	388.47	7.69
92	900	350	0	13.921	.084	384.06	3.35
93	950	350	0	13.874	.072	371.88	.00v
94	1000	350	0	13.839	.063	369.53	.00v
95	1050	350	0	13.805	.057	372.72	.00v
96	1100	350	0	13.773	.045	356.64	.00v
97	1150	350	0	13.737	.036	340.85	.00v
98	1200	350	0	13.702	.021	352.22	.00v
99	1250	350	0	13.670	.011	357.11	.00v
100	1300	350	0	13.647	.002	352.53	.00v
101	1350	350	0	13.628	.002	340.68	.00v
102	1400	350	0	13.617	.001	214.91	.00v
103	1450	350	0	13.613	.001	210.84	.00v
104	1500	350	0	13.611	.001	207.81	.00v
105	1550	350	0	13.611	.001	335.41	.00v
106	1600	350	0	13.612	.002	224.22	.00v
107	1650	350	0	13.610	.002	219.89	.00v
108	1700	350	0	13.608	.001	217.33	.00v
109	1750	350	0	13.609	.001	214.03	.00v
110	1800	350	0	13.608	.001	210.47	.00v
111	1850	350	0	13.608	.001	208.08	.00v
112	1900	350	0	13.609	.000	203.68	.00v
113	1950	350	0	13.609	.000v	196.52	.00v
114	2000	350	0	13.610	.000v	187.32	.00v
115	2050	350	0	13.612	.000v	197.91	.00v
116	2100	350	0	13.614	.000v	31.67	.00v
117	2150	350	0	13.615	.000v	33.65	.00v
118	2200	350	0	13.616	.000v	34.08	.00v
119	2250	350	0	13.617	.000v	35.45	.00v
120	2300	350	0	13.618	.000v	35.90	.00v
121	2350	350	0	13.618	.000v	37.24	.00v
122	2400	350	0	13.619	.000v	37.69	.00v
123	2450	350	0	13.620	.000v	39.03	.00v
124	2500	350	0	13.621	.000v	39.47	.00v
125	2550	350	0	13.621	.000v	40.81	.00v
126	2600	350	0	13.622	.000v	41.26	.00v
127	2650	350	0	13.624	.000v	42.60	.00v
128	2700	350	0	13.628	.000v	43.05	.00v
129	2750	350	0	13.634	.000v	44.38	.00v
130	2800	350	0	13.646	.000v	44.84	.00v
131	2850	350	0	13.657	.000v	54.68	.00v
132	2900	350	0	13.674	.000v	68.42	.00v
133	2950	350	0	13.688	.000v	84.75	.27
134	3000	350	0	13.707	.000v	93.23	.97
135	3050	350	0	13.724	.000v	101.10	2.39
136	3100	350	0	13.745	.000v	107.68	3.36
137	3150	350	0	13.766	.000v	117.58	10.77
138	3200	350	0	13.791	.000v	122.80	20.32
139	3250	350	0	13.817	.000v	130.61	34.07
140	3300	350	0	13.848	.000v	138.68	49.84
141	3350	350	0	13.879	.000v	149.47	66.68
142	3400	350	0	13.913	.000v	157.53	76.18
143	3450	350	0	13.945	.000v	169.93	85.36
144	3500	350	0	13.981	.000v	177.89	93.59
145	3550	350	0	14.019	.000v	190.90	104.55
146	3600	350	0	14.061	.034	209.56	111.64

147	3650	350	0	14.104	.089	225.97	116.66
148	3700	350	0	14.146	.089	244.66	113.36
149	3750	350	0	14.179	.083	274.10	92.79
150	3800	350	0	14.172	.085	304.09	76.47
151	3850	350	0	14.088	.073	360.41	62.07
152	3900	350	0	13.911	.047	410.11	22.69
153	3950	350	0	13.763	.029	380.49	9.77
154	4000	350	0	13.699	.019	290.92	3.82
155	200	400	0	13.708	.025	398.56	.00v
156	250	400	0	13.767	.037	486.35	.00v
157	300	400	0	13.848	.058	502.70	.00v
158	350	400	0	13.921	.070	525.86	.00v
159	400	400	0	13.997	.081	542.39	.76
160	450	400	0	14.057	.092	545.63	6.40
161	500	400	0	14.122	.108	545.19	18.22
162	550	400	0	14.179	.120	522.88	27.40
163	600	400	0	14.230	.137	520.06	32.67
164	650	400	0	14.253	.148	501.83	33.44
165	700	400	0	14.257	.149	501.48	33.03
166	750	400	0	14.240	.148	487.45	31.67
167	800	400	0	14.203	.133	481.61	30.07
168	850	400	0	14.148	.121	473.73	27.74
169	900	400	0	14.079	.110	461.83	23.73
170	950	400	0	14.008	.092	448.99	17.76
171	1000	400	0	13.953	.083	446.11	10.63
172	1050	400	0	13.906	.072	426.58	3.55
173	1100	400	0	13.853	.063	407.44	.00v
174	1150	400	0	13.803	.047	406.65	.00v
175	1200	400	0	13.748	.036	371.45	.00v
176	1250	400	0	13.708	.023	379.26	.00v
177	1300	400	0	13.675	.013	384.95	.00v
178	1350	400	0	13.651	.005	368.00	.00v
179	1400	400	0	13.637	.005	365.96	.00v
180	1450	400	0	13.627	.004	364.38	.00v
181	1500	400	0	13.624	.004	357.75	.00v
182	1550	400	0	13.622	.004	364.70	.00v
183	1600	400	0	13.620	.004	366.17	.00v
184	1650	400	0	13.619	.003	366.00	.00v
185	1700	400	0	13.618	.003	363.52	.00v
186	1750	400	0	13.618	.002	358.87	.00v
187	1800	400	0	13.620	.002	346.52	.00v
188	1850	400	0	13.621	.001	344.36	.00v
189	1900	400	0	13.624	.001	212.98	.00v
190	1950	400	0	13.627	.000	340.16	.00v
191	2000	400	0	13.629	.001	213.03	.00v
192	2050	400	0	13.633	.000v	198.75	.00v
193	2100	400	0	13.638	.000v	184.14	.00v
194	2150	400	0	13.642	.000v	56.53	.00v
195	2200	400	0	13.647	.000v	63.99	.00v
196	2250	400	0	13.652	.000v	66.39	.00v
197	2300	400	0	13.655	.000v	70.66	.00v
198	2350	400	0	13.659	.000v	71.67	.00v
199	2400	400	0	13.660	.000v	73.25	.00v
200	2450	400	0	13.663	.000v	73.69	.00v
201	2500	400	0	13.664	.000v	75.46	.00v
202	2550	400	0	13.666	.000v	75.28	.00v
203	2600	400	0	13.667	.000v	76.24	.08
204	2650	400	0	13.673	.000v	77.23	.13
205	2700	400	0	13.679	.000v	76.57	1.85
206	2750	400	0	13.691	.000v	78.09	2.90
207	2800	400	0	13.703	.000v	79.40	2.89

208	2850	400	0	13.719	.000v	90.07	9.44
209	2900	400	0	13.733	.000v	98.63	14.06
210	2950	400	0	13.750	.000v	104.80	15.68
211	3000	400	0	13.767	.000v	117.28	22.64
212	3050	400	0	13.790	.000v	122.25	23.36
213	3100	400	0	13.813	.000v	130.49	30.94
214	3150	400	0	13.844	.000v	140.88	49.67
215	3200	400	0	13.875	.000v	149.28	62.75
216	3250	400	0	13.916	.000v	158.68	81.58
217	3300	400	0	13.958	.000v	167.93	95.43
218	3350	400	0	14.007	.000v	179.17	112.52
219	3400	400	0	14.058	.000v	189.93	126.68
220	3450	400	0	14.117	.027	206.22	134.88
221	3500	400	0	14.185	.100	225.43	146.00
222	3550	400	0	14.273	.170	243.47	157.18
223	3600	400	0	14.389	.177	273.56	167.63
224	3650	400	0	14.534	.185	299.80	183.78
225	3700	400	0	14.718	.196	350.72	195.54
226	3750	400	0	14.932	.182	414.99	189.76
227	3800	400	0	15.197	.152	498.60	184.64
228	3850	400	0	15.295	.167	671.97	169.78
229	3900	400	0	14.140	.057	616.83	48.90
230	3950	400	0	13.844	.036	424.32	17.78
231	4000	400	0	13.740	.021	308.33	8.54
232	200	450	0	13.721	.023	515.90	.00v
233	250	450	0	13.800	.041	606.89	.00v
234	300	450	0	13.905	.064	661.34	.00v
235	350	450	0	14.028	.083	695.97	3.51
236	400	450	0	14.156	.099	713.26	19.38
237	450	450	0	14.285	.120	684.22	37.42
238	500	450	0	14.389	.155	655.65	51.66
239	550	450	0	14.491	.177	641.83	61.76
240	600	450	0	14.545	.189	622.58	57.85
241	650	450	0	14.568	.193	624.90	53.77
242	700	450	0	14.553	.191	602.40	52.15
243	750	450	0	14.534	.190	599.13	50.83
244	800	450	0	14.485	.186	579.74	48.22
245	850	450	0	14.415	.181	570.29	46.47
246	900	450	0	14.315	.162	552.20	43.31
247	950	450	0	14.208	.135	547.63	37.24
248	1000	450	0	14.116	.111	527.80	31.11
249	1050	450	0	14.040	.094	516.55	24.81
250	1100	450	0	13.965	.082	502.62	17.47
251	1150	450	0	13.881	.061	469.54	9.15
252	1200	450	0	13.809	.046	431.19	2.53
253	1250	450	0	13.753	.032	407.53	.00v
254	1300	450	0	13.714	.023	414.53	.00v
255	1350	450	0	13.687	.014	407.47	.00v
256	1400	450	0	13.667	.009	403.59	.00v
257	1450	450	0	13.650	.008	413.23	.00v
258	1500	450	0	13.643	.009	392.08	.00v
259	1550	450	0	13.641	.008	390.90	.00v
260	1600	450	0	13.639	.008	387.74	.00v
261	1650	450	0	13.636	.007	391.02	.00v
262	1700	450	0	13.635	.006	386.19	.00v
263	1750	450	0	13.635	.004	386.68	.00v
264	1800	450	0	13.639	.004	387.52	.00v
265	1850	450	0	13.642	.003	378.12	.00v
266	1900	450	0	13.649	.003	359.87	.00v
267	1950	450	0	13.652	.002	363.58	.00v
268	2000	450	0	13.659	.001	332.81	.45

269	2050	450	0	13.665	.000	203.70	.67
270	2100	450	0	13.675	.000	205.30	1.03
271	2150	450	0	13.683	.000v	186.88	1.48
272	2200	450	0	13.693	.000v	91.06	1.82
273	2250	450	0	13.701	.000v	99.53	3.09
274	2300	450	0	13.711	.000v	104.46	3.96
275	2350	450	0	13.717	.000v	110.26	5.00
276	2400	450	0	13.725	.000v	113.80	4.76
277	2450	450	0	13.727	.000v	111.24	5.76
278	2500	450	0	13.733	.000v	114.04	5.92
279	2550	450	0	13.734	.000v	117.56	7.13
280	2600	450	0	13.739	.000v	112.52	11.38
281	2650	450	0	13.743	.000v	114.58	19.28
282	2700	450	0	13.753	.000v	110.23	21.08
283	2750	450	0	13.761	.000v	110.54	28.28
284	2800	450	0	13.775	.000v	107.75	33.14
285	2850	450	0	13.789	.000v	116.72	37.37
286	2900	450	0	13.806	.000v	124.48	48.04
287	2950	450	0	13.824	.000v	135.14	49.78
288	3000	450	0	13.847	.000v	141.46	55.28
289	3050	450	0	13.875	.000v	150.01	67.75
290	3100	450	0	13.912	.000v	158.44	76.81
291	3150	450	0	13.952	.000v	172.91	93.73
292	3200	450	0	14.003	.000v	180.72	111.03
293	3250	450	0	14.062	.000v	194.16	128.44
294	3300	450	0	14.134	.031	212.19	140.00
295	3350	450	0	14.217	.116	226.86	159.79
296	3400	450	0	14.315	.189	243.42	178.31
297	3450	450	0	14.447	.200	270.14	195.07
298	3500	450	0	14.619	.220 *	293.02	220.70 *
299	3550	450	0	14.857	.253 *	339.64	245.30 *
300	3600	450	0	15.210	.295 *	392.37	282.83 *
301	3650	450	0	15.773	.337 *	473.15	320.92 *
302	3700	450	0	16.880	.556 *	613.95	364.73 *
303	3750	450	0	18.921	.872 *	841.32	412.62 *
304	3800	450	0	19.684	.889 *	947.28	343.81 *
305	3850	450	0	16.389	.278 *	788.70	221.55 *
306	3900	450	0	14.326	.073	527.47	80.86
307	3950	450	0	13.918	.044	383.86	26.45
308	4000	450	0	13.777	.025	285.04	11.02
309	200	500	0	13.740	.023	688.24	.00v
310	250	500	0	13.833	.042	792.40	.74
311	300	500	0	13.988	.067	891.91	12.02
312	350	500	0	14.190	.096	939.16	34.28
313	400	500	0	14.454	.126	965.68	66.39
314	450	500	0	14.752	.227 *	943.22	139.18
315	500	500	0	14.994	.296 *	902.64	223.55 *
316	550	500	0	15.153	.328 *	876.59	257.85 *
317	600	500	0	15.200	.357 *	850.68	258.19 *
318	650	500	0	15.178	.345 *	820.74	236.68 *
319	700	500	0	15.134	.312 *	779.51	229.46 *
320	750	500	0	15.066	.262 *	773.12	211.70 *
321	800	500	0	14.992	.242 *	751.83	185.99
322	850	500	0	14.886	.231 *	732.26	166.17
323	900	500	0	14.746	.219 *	711.40	136.67
324	950	500	0	14.562	.187	682.18	96.18
325	1000	500	0	14.390	.152	668.72	56.91
326	1050	500	0	14.249	.125	642.60	44.52
327	1100	500	0	14.110	.109	634.56	32.91
328	1150	500	0	13.980	.080	600.49	22.99
329	1200	500	0	13.880	.061	542.20	12.69

330	1250	500	0	13.809	.049	482.02	4.05
331	1300	500	0	13.763	.037	466.97	.00v
332	1350	500	0	13.727	.030	491.55	.00v
333	1400	500	0	13.703	.023	449.11	.00v
334	1450	500	0	13.685	.014	485.62	.00v
335	1500	500	0	13.672	.014	458.57	.00v
336	1550	500	0	13.667	.013	464.09	.00v
337	1600	500	0	13.664	.011	466.14	.00v
338	1650	500	0	13.661	.009	407.27	.00v
339	1700	500	0	13.659	.008	416.14	.00v
340	1750	500	0	13.661	.007	407.53	.00v
341	1800	500	0	13.664	.006	408.17	.00v
342	1850	500	0	13.672	.005	405.85	.11
343	1900	500	0	13.678	.004	403.59	.67
344	1950	500	0	13.686	.003	369.49	1.51
345	2000	500	0	13.694	.002	358.73	2.57
346	2050	500	0	13.706	.001	346.10	3.33
347	2100	500	0	13.718	.000	208.26	4.56
348	2150	500	0	13.736	.000	205.58	7.75
349	2200	500	0	13.749	.000v	184.55	13.14
350	2250	500	0	13.766	.000v	130.43	19.54
351	2300	500	0	13.777	.000v	133.22	23.30
352	2350	500	0	13.790	.000v	134.40	27.87
353	2400	500	0	13.797	.000v	140.90	28.26
354	2450	500	0	13.806	.000v	137.97	36.44
355	2500	500	0	13.810	.000v	143.93	32.75
356	2550	500	0	13.817	.000v	144.05	40.26
357	2600	500	0	13.821	.000v	141.72	42.31
358	2650	500	0	13.828	.000v	139.95	50.96
359	2700	500	0	13.834	.000v	137.34	60.17
360	2750	500	0	13.845	.000v	135.49	64.33
361	2800	500	0	13.856	.000v	133.50	72.76
362	2850	500	0	13.876	.000v	140.94	73.84
363	2900	500	0	13.893	.000v	146.80	85.60
364	2950	500	0	13.921	.000v	162.30	90.21
365	3000	500	0	13.954	.000v	167.49	100.75
366	3050	500	0	13.998	.000v	180.78	104.44
367	3100	500	0	14.052	.000v	191.71	126.66
368	3150	500	0	14.122	.029	205.96	141.42
369	3200	500	0	14.204	.133	221.49	167.43
370	3250	500	0	14.310	.197	243.04	192.54
371	3300	500	0	14.446	.219 *	269.50	224.51 *
372	3350	500	0	14.626	.244 *	292.52	245.63 *
373	3400	500	0	14.866	.276 *	335.30	267.09 *
374	3450	500	0	15.205	.330 *	381.53	292.33 *
375	3500	500	0	15.731	.372 *	449.88	333.60 *
376	3550	500	0	16.684	.542 *	569.77	412.20 *
377	3600	500	0	18.368	.805 *	756.46	479.80 *
378	3650	500	0	20.761	1.102 *	1107.73	524.59 *
379	3700	500	0	21.725	1.335 *	977.03	436.15 *
380	3750	500	0	21.890	1.329 *	1207.69	428.45 *
381	3800	500	0	18.366	.748 *	980.25	348.27 *
382	3850	500	0	15.172	.141	575.94	159.25
383	3900	500	0	14.267	.077	424.68	73.93
384	3950	500	0	13.925	.047	318.00	29.25
385	4000	500	0	13.786	.021	239.48	11.16
386	200	550	0	13.815	.036	901.24	.00v
387	250	550	0	13.932	.048	1091.50	3.93
388	300	550	0	14.173	.078	1261.71	39.47
389	350	550	0	14.588	.182	1376.51	94.13
390	400	550	0	15.203	.294 *	1476.64	204.95 *

391	450	550	0	16.018	.548 *	1466.37	387.71 *
392	500	550	0	16.731	.685 *	1395.43	536.41 *
393	550	550	0	17.023	.723 *	1295.29	538.52 *
394	600	550	0	16.918	.704 *	1265.13	541.40 *
395	650	550	0	16.762	.667 *	1185.41	568.48 *
396	700	550	0	16.581	.606 *	1140.20	559.47 *
397	750	550	0	16.398	.522 *	1067.11	531.58 *
398	800	550	0	16.183	.487 *	1057.14	504.08 *
399	850	550	0	15.982	.470 *	995.85	451.17 *
400	900	550	0	15.743	.445 *	977.60	348.61 *
401	950	550	0	15.411	.479 *	914.57	305.97 *
402	1000	550	0	15.006	.351 *	905.42	218.44 *
403	1050	550	0	14.664	.235 *	867.99	120.94
404	1100	550	0	14.363	.151	833.21	64.84
405	1150	550	0	14.128	.108	778.98	37.53
406	1200	550	0	13.980	.083	712.57	23.10
407	1250	550	0	13.892	.070	616.10	10.91
408	1300	550	0	13.830	.061	572.23	3.62
409	1350	550	0	13.787	.057	558.87	.00v
410	1400	550	0	13.755	.042	571.24	.00v
411	1450	550	0	13.730	.021	550.78	.00v
412	1500	550	0	13.712	.019	537.77	.00v
413	1550	550	0	13.703	.018	552.74	.00v
414	1600	550	0	13.699	.016	538.82	.00v
415	1650	550	0	13.694	.014	516.40	.00v
416	1700	550	0	13.691	.012	519.40	.00v
417	1750	550	0	13.689	.010	478.67	.48
418	1800	550	0	13.695	.008	474.28	1.76
419	1850	550	0	13.703	.007	500.51	2.53
420	1900	550	0	13.714	.006	464.87	3.97
421	1950	550	0	13.725	.004	487.50	5.53
422	2000	550	0	13.739	.003	391.46	10.58
423	2050	550	0	13.757	.002	464.24	15.01
424	2100	550	0	13.778	.001	363.57	19.31
425	2150	550	0	13.800	.000	343.55	28.95
426	2200	550	0	13.824	.000v	199.51	36.80
427	2250	550	0	13.844	.000v	177.60	45.06
428	2300	550	0	13.864	.000v	165.95	48.16
429	2350	550	0	13.878	.000v	169.19	59.55
430	2400	550	0	13.892	.000v	169.69	67.93
431	2450	550	0	13.902	.000v	173.86	72.66
432	2500	550	0	13.912	.000v	174.14	77.91
433	2550	550	0	13.919	.000v	178.04	82.05
434	2600	550	0	13.926	.000v	174.71	89.07
435	2650	550	0	13.932	.000v	172.03	89.05
436	2700	550	0	13.939	.000v	171.60	95.64
437	2750	550	0	13.950	.000v	165.81	100.79
438	2800	550	0	13.966	.000v	165.75	108.20
439	2850	550	0	13.989	.000v	161.96	113.59
440	2900	550	0	14.020	.000v	175.59	119.96
441	2950	550	0	14.059	.000v	185.67	129.14
442	3000	550	0	14.116	.004	202.10	139.34
443	3050	550	0	14.191	.119	220.79	151.31
444	3100	550	0	14.287	.177	243.57	176.13
445	3150	550	0	14.417	.211 *	265.26	220.05 *
446	3200	550	0	14.584	.235 *	289.19	246.60 *
447	3250	550	0	14.817	.280 *	322.95	268.96 *
448	3300	550	0	15.140	.331 *	365.84	300.85 *
449	3350	550	0	15.613	.381 *	437.89	328.47 *
450	3400	550	0	16.396	.520 *	531.21	383.25 *
451	3450	550	0	18.113	.727 *	734.37	524.55 *

452	3500	550	0	20.383	.998	*	942.39	532.94 *
453	3550	550	0	22.755	1.498	*	911.26	560.70 *
454	3600	550	0	22.899	1.595	*	944.19	508.15 *
455	3650	550	0	23.483	1.745	*	886.15	526.88 *
456	3700	550	0	22.044	1.262	*	885.95	572.01 *
457	3750	550	0	19.581	.981	*	744.31	477.06 *
458	3800	550	0	15.846	.297	*	540.13	254.60 *
459	3850	550	0	14.659	.118		415.71	138.39
460	3900	550	0	14.139	.067		323.12	74.62
461	3950	550	0	13.895	.035		264.54	31.21
462	4000	550	0	13.774	.010		204.50	10.83
463	200	600	0	13.967	.046		1081.98	.00v
464	250	600	0	14.159	.062		1463.91	11.74
465	300	600	0	14.591	.101		1806.09	74.73
466	350	600	0	15.734	.383	*	2224.05	260.05 *
467	400	600	0	17.920	1.053	*	2609.28	569.27 *
468	450	600	0	21.300	1.901	*	3081.34	995.51 *
469	500	600	0	26.192	3.147	*	3799.71	1417.39 *
470	550	600	0	25.630	2.873	*	2982.21	1444.42 *
471	600	600	0	24.190	2.517	*	2602.76	1369.82 *
472	650	600	0	22.687	2.111	*	2313.91	1277.86 *
473	700	600	0	21.808	1.933	*	2111.75	1194.99 *
474	750	600	0	20.845	1.633	*	1936.46	1095.51 *
475	800	600	0	19.886	1.363	*	1815.49	983.93 *
476	850	600	0	19.109	1.154	*	1676.83	884.06 *
477	900	600	0	18.547	1.057	*	1545.04	814.60 *
478	950	600	0	17.863	.933	*	1480.20	669.64 *
479	1000	600	0	16.760	.689	*	1428.64	521.50 *
480	1050	600	0	15.628	.488	*	1338.22	303.01 *
481	1100	600	0	14.842	.333	*	1256.99	138.64
482	1150	600	0	14.367	.167		1099.00	65.59
483	1200	600	0	14.140	.125		962.53	37.96
484	1250	600	0	14.010	.104		788.81	22.68
485	1300	600	0	13.930	.092		769.87	11.89
486	1350	600	0	13.868	.091		721.57	3.76
487	1400	600	0	13.825	.076		694.17	.00v
488	1450	600	0	13.792	.056		682.50	.00v
489	1500	600	0	13.768	.041		683.97	.00v
490	1550	600	0	13.755	.038		655.87	.00v
491	1600	600	0	13.747	.037		649.39	.00v
492	1650	600	0	13.742	.031		649.57	.00v
493	1700	600	0	13.735	.025		606.34	.51
494	1750	600	0	13.731	.022		604.76	2.16
495	1800	600	0	13.731	.016		581.39	5.71
496	1850	600	0	13.743	.012		579.49	8.54
497	1900	600	0	13.756	.008		566.68	14.94
498	1950	600	0	13.773	.005		535.01	18.22
499	2000	600	0	13.794	.003		537.58	25.71
500	2050	600	0	13.822	.002		511.01	32.33
501	2100	600	0	13.854	.001		478.11	42.97
502	2150	600	0	13.888	.001		364.01	55.55
503	2200	600	0	13.919	.000		330.52	65.41
504	2250	600	0	13.952	.005		203.91	77.75
505	2300	600	0	13.977	.010		204.05	85.66
506	2350	600	0	14.002	.032		210.03	98.61
507	2400	600	0	14.018	.026		207.39	108.32
508	2450	600	0	14.035	.039		208.07	112.85
509	2500	600	0	14.047	.028		210.42	121.39
510	2550	600	0	14.060	.036		212.20	127.34
511	2600	600	0	14.068	.048		210.26	127.86
512	2650	600	0	14.078	.043		214.56	132.58

513	2700	600	0	14.086	.039	213.03	138.36
514	2750	600	0	14.100	.025	209.17	145.95
515	2800	600	0	14.122	.027	207.85	148.63
516	2850	600	0	14.159	.007	203.29	154.37
517	2900	600	0	14.209	.074	211.83	170.79
518	2950	600	0	14.282	.141	226.80	188.64
519	3000	600	0	14.388	.199	247.68	196.66
520	3050	600	0	14.543	.224 *	269.22	232.79 *
521	3100	600	0	14.750	.269 *	310.58	264.21 *
522	3150	600	0	15.045	.324 *	349.99	292.96 *
523	3200	600	0	15.468	.366 *	412.43	328.17 *
524	3250	600	0	16.130	.452 *	497.51	371.05 *
525	3300	600	0	17.334	.624 *	647.64	457.67 *
526	3350	600	0	19.715	.924 *	945.28	556.26 *
527	3400	600	0	21.483	1.099 *	946.53	599.90 *
528	3450	600	0	22.941	1.406 *	1193.77	607.89 *
529	3500	600	0	22.939	1.642 *	1019.83	507.53 *
530	3550	600	0	22.983	1.535 *	1222.82	541.84 *
531	3600	600	0	21.424	1.193 *	1025.58	530.88 *
532	3650	600	0	19.160	.903 *	736.78	491.83 *
533	3700	600	0	17.018	.639 *	503.28	375.99 *
534	3750	600	0	15.738	.375 *	403.43	291.52 *
535	3800	600	0	14.854	.195	338.66	196.72
536	3850	600	0	14.321	.088	285.64	126.01
537	3900	600	0	14.025	.048	247.90	72.32
538	3950	600	0	13.856	.014	210.50	33.11
539	4000	600	0	13.756	.000v	174.46	9.44
540	200	650	0	14.048	.061	1163.23	1.74
541	250	650	0	14.348	.080	1570.47	23.49
542	300	650	0	15.136	.127	2293.92	114.09
543	350	650	0	19.573	1.280 *	3194.93	619.85 *
544	400	650	0	28.323	3.786 *	3607.76	1343.97 *
545	450	650	0	31.894	2.495 *	3579.63	1609.96 *
546	500	650	0	37.153	5.981 *	3728.03	1858.12 *
547	550	650	0	37.580	3.235 *	3660.75	1781.69 *
548	600	650	0	40.011^*	6.656 *	3622.57	1956.80^*
549	650	650	0	38.158	6.452 *	3466.81	1816.18 *
550	700	650	0	39.501	6.728^*	3319.99	1936.84 *
551	750	650	0	37.161	6.251 *	3466.62	1767.03 *
552	800	650	0	38.128	6.334 *	3494.71	1956.14 *
553	850	650	0	34.812	5.585 *	3618.61	1634.69 *
554	900	650	0	33.786	5.358 *	3488.52	1639.12 *
555	950	650	0	29.992	4.183 *	3206.01	1623.22 *
556	1000	650	0	26.402	3.048 *	3018.46	1535.11 *
557	1050	650	0	18.424	1.149 *	2573.08	627.26 *
558	1100	650	0	15.765	.672 *	1994.14	245.24 *
559	1150	650	0	14.767	.377 *	1591.05	97.11
560	1200	650	0	14.375	.262 *	1282.08	57.32
561	1250	650	0	14.187	.213 *	1100.60	35.30
562	1300	650	0	14.069	.196	1041.90	20.10
563	1350	650	0	13.990	.181	987.74	9.89
564	1400	650	0	13.934	.169	938.47	2.39
565	1450	650	0	13.888	.121	944.62	.00v
566	1500	650	0	13.861	.100	896.05	.00v
567	1550	650	0	13.839	.093	840.89	.00v
568	1600	650	0	13.826	.085	808.40	.00v
569	1650	650	0	13.817	.071	781.15	.00v
570	1700	650	0	13.806	.053	792.00	.72
571	1750	650	0	13.794	.037	737.37	3.59
572	1800	650	0	13.789	.026	748.98	13.07
573	1850	650	0	13.800	.019	737.48	20.72

574	1900	650	0	13.818	.012	687.94	28.86
575	1950	650	0	13.843	.007	674.35	34.07
576	2000	650	0	13.882	.008	692.15	45.27
577	2050	650	0	13.926	.019	558.78	57.11
578	2100	650	0	13.977	.033	526.63	73.25
579	2150	650	0	14.024	.044	485.37	89.25
580	2200	650	0	14.076	.074	363.30	104.81
581	2250	650	0	14.119	.094	246.76	120.73
582	2300	650	0	14.163	.105	252.13	133.92
583	2350	650	0	14.196	.118	249.04	144.70
584	2400	650	0	14.226	.145	254.89	157.44
585	2450	650	0	14.249	.159	255.30	169.26
586	2500	650	0	14.272	.176	260.25	173.80
587	2550	650	0	14.289	.182	257.90	175.59
588	2600	650	0	14.307	.185	262.86	184.80
589	2650	650	0	14.319	.187	263.03	185.63
590	2700	650	0	14.337	.188	261.50	185.50
591	2750	650	0	14.356	.196	267.41	196.08
592	2800	650	0	14.389	.212 *	261.81	211.88 *
593	2850	650	0	14.450	.228 *	259.98	219.26 *
594	2900	650	0	14.548	.239 *	268.39	233.89 *
595	2950	650	0	14.711	.263 *	290.81	249.26 *
596	3000	650	0	14.960	.315 *	323.89	289.36 *
597	3050	650	0	15.335	.346 *	370.70	322.18 *
598	3100	650	0	15.912	.397 *	442.28	372.99 *
599	3150	650	0	16.907	.565 *	559.80	440.09 *
600	3200	650	0	18.918	.852 *	797.40	546.55 *
601	3250	650	0	21.887	1.189 *	1025.56	582.68 *
602	3300	650	0	22.794	1.495 *	961.82	524.77 *
603	3350	650	0	23.973	1.827 *	1116.96	569.46 *
604	3400	650	0	23.404	1.707 *	919.14	592.97 *
605	3450	650	0	23.287	1.550 *	1077.37	593.76 *
606	3500	650	0	20.721	1.121 *	776.26	651.53 *
607	3550	650	0	18.202	.778 *	618.48	437.61 *
608	3600	650	0	16.709	.538 *	455.75	357.79 *
609	3650	650	0	15.831	.460 *	380.14	302.63 *
610	3700	650	0	15.221	.307 *	325.48	258.38 *
611	3750	650	0	14.738	.224 *	282.22	221.57 *
612	3800	650	0	14.378	.123	245.32	156.61
613	3850	650	0	14.116	.055	215.58	109.71
614	3900	650	0	13.936	.000v	196.78	60.96
615	3950	650	0	13.818	.000v	167.43	30.38
616	4000	650	0	13.737	.000v	143.90	7.50
617	200	700	0	13.984	.057	968.84	.65
618	250	700	0	14.193	.075	1191.34	14.73
619	300	700	0	14.644	.120	1359.68	77.00
620	350	700	0	15.699	.350 *	1435.19	285.86 *
621	400	700	0	17.499	.854 *	1543.90	547.09 *
622	450	700	0	19.307	.730 *	1600.80	810.47 *
623	500	700	0	20.865	.893 *	1698.57	1065.93 *
624	550	700	0	22.106	1.007 *	1838.29	1273.67 *
625	600	700	0	23.758	1.197 *	2043.71	1385.43 *
626	650	700	0	25.364	1.428 *	2171.91	1476.61 *
627	700	700	0	26.978	1.618 *	2264.82	1641.32 *
628	750	700	0	28.393	1.821 *	2530.58	1681.86 *
629	800	700	0	30.345	2.074 *	2769.71	1862.52 *
630	850	700	0	31.617	2.367 *	3006.83	1660.58 *
631	900	700	0	33.810	2.664 *	3350.30	1754.88 *
632	950	700	0	34.055	5.343 *	3696.25	1580.44 *
633	1000	700	0	34.520	5.481 *	4039.34	1696.22 *
634	1050	700	0	27.192	3.634 *	4154.62	1267.13 *

635	1100	700	0	17.643	1.964 *	3153.37	417.79 *
636	1150	700	0	15.506	1.214 *	2524.66	213.01 *
637	1200	700	0	14.889	.837 *	2236.71	110.83
638	1250	700	0	14.594	.660 *	2018.32	58.62
639	1300	700	0	14.411	.580 *	1861.64	28.83
640	1350	700	0	14.286	.456 *	1764.99	13.45
641	1400	700	0	14.193	.406 *	1647.55	4.48
642	1450	700	0	14.119	.321 *	1490.30	1.24
643	1500	700	0	14.067	.241 *	1391.58	.00v
644	1550	700	0	14.024	.223 *	1280.75	.00v
645	1600	700	0	13.995	.195	1276.71	.00v
646	1650	700	0	13.971	.171	1200.72	.63
647	1700	700	0	13.949	.135	1148.14	2.23
648	1750	700	0	13.926	.099	1089.29	7.34
649	1800	700	0	13.903	.069	1025.16	20.76
650	1850	700	0	13.907	.055	995.71	31.33
651	1900	700	0	13.936	.045	952.91	46.74
652	1950	700	0	13.993	.025	932.36	55.73
653	2000	700	0	14.074	.029	895.34	72.83
654	2050	700	0	14.159	.055	767.39	93.15
655	2100	700	0	14.241	.071	626.73	113.87
656	2150	700	0	14.326	.107	514.25	136.02
657	2200	700	0	14.408	.130	357.63	160.97
658	2250	700	0	14.486	.159	333.41	178.10
659	2300	700	0	14.556	.198	329.22	199.58
660	2350	700	0	14.615	.222 *	328.18	219.33 *
661	2400	700	0	14.666	.235 *	324.10	228.30 *
662	2450	700	0	14.708	.250 *	320.35	238.49 *
663	2500	700	0	14.747	.261 *	316.85	257.52 *
664	2550	700	0	14.780	.267 *	322.29	267.07 *
665	2600	700	0	14.810	.271 *	336.35	285.60 *
666	2650	700	0	14.838	.272 *	342.90	283.97 *
667	2700	700	0	14.867	.281 *	351.93	273.20 *
668	2750	700	0	14.905	.292 *	362.58	275.16 *
669	2800	700	0	14.955	.308 *	365.40	273.30 *
670	2850	700	0	15.064	.338 *	360.84	281.45 *
671	2900	700	0	15.293	.359 *	356.14	307.84 *
672	2950	700	0	15.734	.396 *	418.43	351.30 *
673	3000	700	0	16.538	.540 *	510.61	419.30 *
674	3050	700	0	18.144	.705 *	766.22	504.19 *
675	3100	700	0	20.285	1.000 *	843.44	615.49 *
676	3150	700	0	22.507	1.278 *	1157.06	627.22 *
677	3200	700	0	23.032	1.566 *	1006.61	575.31 *
678	3250	700	0	23.624	1.681 *	1220.91	626.36 *
679	3300	700	0	22.995	1.572 *	1045.97	510.00 *
680	3350	700	0	22.099	1.339 *	1186.64	549.52 *
681	3400	700	0	19.607	.968 *	785.57	560.20 *
682	3450	700	0	17.512	.725 *	527.52	403.61 *
683	3500	700	0	16.375	.530 *	429.90	342.45 *
684	3550	700	0	15.691	.462 *	357.19	295.59 *
685	3600	700	0	15.213	.345 *	306.60	253.70 *
686	3650	700	0	14.849	.294 *	264.99	227.47 *
687	3700	700	0	14.554	.209 *	235.29	201.39 *
688	3750	700	0	14.321	.048	210.21	165.24
689	3800	700	0	14.136	.000v	190.00	124.85
690	3850	700	0	13.988	.000v	172.71	87.81
691	3900	700	0	13.870	.000v	158.06	51.62
692	3950	700	0	13.781	.000v	138.57	23.17
693	4000	700	0	13.716	.000v	124.03	6.21
694	200	750	0	13.879	.049	745.64	.38
695	250	750	0	14.033	.066	822.55	12.99

696	300	750	0	14.313	.108	862.69	55.28
697	350	750	0	14.782	.186	918.80	166.52
698	400	750	0	15.420	.377 *	924.43	300.93 *
699	450	750	0	16.116	.548 *	957.18	476.63 *
700	500	750	0	16.725	.448 *	1012.93	624.13 *
701	550	750	0	17.254	.491 *	1051.58	724.06 *
702	600	750	0	17.705	.539 *	1096.31	853.38 *
703	650	750	0	18.109	.585 *	1123.91	916.89 *
704	700	750	0	18.437	.619 *	1154.79	960.90 *
705	750	750	0	18.763	.645 *	1225.19	973.24 *
706	800	750	0	19.118	.670 *	1323.39	1027.64 *
707	850	750	0	19.532	.724 *	1374.13	1046.30 *
708	900	750	0	19.832	.771 *	1506.79	1093.53 *
709	950	750	0	20.014	.785 *	1572.74	1014.58 *
710	1000	750	0	19.957	1.374 *	1871.70	888.15 *
711	1050	750	0	19.257	1.312 *	2455.95	724.12 *
712	1100	750	0	17.182	1.784 *	2857.50	438.11 *
713	1150	750	0	16.122	1.848 *	3347.86	303.01 *
714	1200	750	0	16.147	1.849 *	3952.77	358.07 *
715	1250	750	0	16.214	1.902 *	5141.62	332.40 *
716	1300	750	0	15.485	1.199 *	7238.01	83.34
717	1350	750	0	15.392	.886 *	12799.70^	28.23
718	1400	750	0	15.195	1.001 *	7346.52	20.68
719	1450	750	0	15.424	1.424 *	5145.87	44.41
720	1500	750	0	15.296	1.219 *	3955.08	23.91
721	1550	750	0	14.928	1.075 *	3384.08	24.47
722	1600	750	0	14.698	.927 *	2857.51	27.33
723	1650	750	0	14.539	.763 *	2513.54	30.72
724	1700	750	0	14.424	.617 *	2282.29	33.33
725	1750	750	0	14.337	.471 *	2032.26	41.43
726	1800	750	0	14.257	.432 *	1896.79	42.19
727	1850	750	0	14.179	.229 *	1774.20	49.52
728	1900	750	0	14.232	.097	1601.75	77.49
729	1950	750	0	14.411	.082	1486.86	98.06
730	2000	750	0	14.617	.092	1207.75	124.47
731	2050	750	0	14.812	.130	989.46	157.43
732	2100	750	0	15.000	.172	818.22	189.02
733	2150	750	0	15.168	.250 *	550.61	217.45 *
734	2200	750	0	15.345	.282 *	474.73	249.51 *
735	2250	750	0	15.505	.317 *	481.90	280.41 *
736	2300	750	0	15.662	.337 *	479.10	315.12 *
737	2350	750	0	15.792	.349 *	481.87	340.24 *
738	2400	750	0	15.912	.397 *	478.01	370.14 *
739	2450	750	0	16.009	.423 *	479.78	397.70 *
740	2500	750	0	16.101	.451 *	476.55	421.20 *
741	2550	750	0	16.175	.467 *	479.07	419.15 *
742	2600	750	0	16.244	.476 *	489.57	417.71 *
743	2650	750	0	16.308	.498 *	513.37	411.87 *
744	2700	750	0	16.374	.506 *	533.81	410.95 *
745	2750	750	0	16.450	.530 *	550.82	403.96 *
746	2800	750	0	16.558	.555 *	560.66	403.12 *
747	2850	750	0	16.770	.584 *	576.20	410.92 *
748	2900	750	0	17.718	.681 *	610.61	478.34 *
749	2950	750	0	20.128	.986 *	872.82	597.02 *
750	3000	750	0	22.128	1.379 *	944.88	565.31 *
751	3050	750	0	23.846	1.681 *	1111.95	610.65 *
752	3100	750	0	23.723	1.740 *	957.93	572.03 *
753	3150	750	0	24.268	1.855 *	1138.96	581.90 *
754	3200	750	0	23.030	1.385 *	919.95	671.14 *
755	3250	750	0	21.509	1.228 *	970.71	634.04 *
756	3300	750	0	18.518	.806 *	640.84	488.64 *

757	3350	750	0	16.961	.566 *	487.24	386.44 *
758	3400	750	0	16.093	.498 *	400.25	328.13 *
759	3450	750	0	15.522	.425 *	344.08	282.76 *
760	3500	750	0	15.129	.348 *	297.82	251.89 *
761	3550	750	0	14.831	.315 *	261.15	224.29 *
762	3600	750	0	14.598	.251 *	233.55	203.74 *
763	3650	750	0	14.406	.024	207.86	182.46
764	3700	750	0	14.242	.000v	184.53	161.79
765	3750	750	0	14.105	.000v	174.09	121.48
766	3800	750	0	13.990	.000v	154.39	101.26
767	3850	750	0	13.895	.000v	145.68	67.31
768	3900	750	0	13.813	.000v	127.67	37.20
769	3950	750	0	13.746	.000v	118.84	15.61
770	4000	750	0	13.695	.000v	100.57	2.85
771	200	800	0	13.808	.038	548.21	.00v
772	250	800	0	13.929	.062	612.36	4.80
773	300	800	0	14.122	.096	654.41	29.66
774	350	800	0	14.380	.142	669.63	74.31
775	400	800	0	14.686	.199	688.99	168.03
776	450	800	0	15.017	.289 *	699.91	294.80 *
777	500	800	0	15.333	.288 *	729.86	396.26 *
778	550	800	0	15.625	.324 *	746.01	484.57 *
779	600	800	0	15.865	.355 *	766.01	526.51 *
780	650	800	0	16.065	.380 *	778.85	574.10 *
781	700	800	0	16.215	.397 *	806.89	661.26 *
782	750	800	0	16.340	.412 *	851.89	712.99 *
783	800	800	0	16.451	.424 *	869.95	713.40 *
784	850	800	0	16.542	.439 *	919.84	657.78 *
785	900	800	0	16.588	.435 *	943.14	635.31 *
786	950	800	0	16.527	.426 *	1052.24	591.55 *
787	1000	800	0	16.329	.614 *	1120.85	520.41 *
788	1050	800	0	15.918	.624 *	1184.03	365.91 *
789	1100	800	0	15.359	.566 *	1260.09	251.23 *
790	1150	800	0	14.811	.430 *	1280.75	127.13
791	1200	800	0	14.556	.413 *	1436.52	88.22
792	1250	800	0	14.470	.449 *	1464.02	77.19
793	1300	800	0	14.451	.492 *	1612.68	74.59
794	1350	800	0	14.462	.554 *	1707.22	61.70
795	1400	800	0	14.504	.665 *	1868.23	57.11
796	1450	800	0	14.573	.660 *	2032.26	52.42
797	1500	800	0	14.672	.810 *	2236.71	33.46
798	1550	800	0	14.817	.989 *	2498.66	43.88
799	1600	800	0	15.013	1.172 *	2857.08	66.59
800	1650	800	0	15.299	1.316 *	3259.97	104.33
801	1700	800	0	15.739	1.445 *	3934.63	152.77
802	1750	800	0	16.244	1.832 *	5158.17	220.40 *
803	1800	800	0	15.347	1.398 *	6869.41	176.74
804	1850	800	0	15.147	.716 *	11501.92	118.74
805	1900	800	0	15.649	.445 *	3521.63	206.39 *
806	1950	800	0	16.883	.592 *	2225.94	286.24 *
807	2000	800	0	17.527	.868 *	1572.85	347.67 *
808	2050	800	0	18.471	1.173 *	1146.37	401.26 *
809	2100	800	0	18.774	.759 *	989.45	458.11 *
810	2150	800	0	19.563	1.673 *	1169.87	476.76 *
811	2200	800	0	19.680	.947 *	997.30	526.01 *
812	2250	800	0	20.356	1.035 *	1164.00	532.27 *
813	2300	800	0	20.383	1.005 *	984.93	593.86 *
814	2350	800	0	20.990	1.088 *	1154.00	572.10 *
815	2400	800	0	20.935	1.049 *	977.58	627.93 *
816	2450	800	0	21.466	1.116 *	1150.28	577.00 *
817	2500	800	0	21.336	1.074 *	967.05	632.61 *

818	2550	800	0	21.808	1.131 *	1124.34	601.22 *
819	2600	800	0	21.620	1.091 *	1018.87	642.44 *
820	2650	800	0	22.063	1.140 *	1162.50	618.42 *
821	2700	800	0	21.856	1.121 *	1052.37	640.39 *
822	2750	800	0	22.299	1.162 *	1196.01	640.31 *
823	2800	800	0	22.101	1.153 *	1073.43	653.39 *
824	2850	800	0	22.621	1.226 *	1211.15	663.63 *
825	2900	800	0	22.823	1.439 *	1080.89	628.76 *
826	2950	800	0	23.710	1.675 *	1210.70	649.11 *
827	3000	800	0	23.554	1.760 *	1077.35	530.08 *
828	3050	800	0	23.583	1.578 *	1199.62	587.55 *
829	3100	800	0	22.123	1.293 *	1069.76	575.22 *
830	3150	800	0	19.939	.969 *	870.04	540.09 *
831	3200	800	0	17.736	.742 *	603.55	444.06 *
832	3250	800	0	16.554	.548 *	474.61	363.96 *
833	3300	800	0	15.840	.483 *	379.55	308.67 *
834	3350	800	0	15.369	.392 *	319.64	274.71 *
835	3400	800	0	15.030	.340 *	283.19	241.93 *
836	3450	800	0	14.777	.317 *	247.00	220.36 *
837	3500	800	0	14.582	.171	225.21	197.86
838	3550	800	0	14.425	.007	201.10	180.95
839	3600	800	0	14.285	.000v	183.02	162.70
840	3650	800	0	14.166	.000v	167.41	147.12
841	3700	800	0	14.060	.000v	157.44	121.41
842	3750	800	0	13.969	.000v	137.71	97.04
843	3800	800	0	13.890	.000v	132.94	80.78
844	3850	800	0	13.821	.000v	116.44	47.00
845	3900	800	0	13.764	.000v	106.70	21.86
846	3950	800	0	13.714	.000v	93.07	9.31
847	4000	800	0	13.674	.000v	81.14	.79
848	200	850	0	13.769	.038	456.49	.00v
849	250	850	0	13.868	.058	481.75	.66
850	300	850	0	14.005	.084	521.40	13.73
851	350	850	0	14.165	.122	541.48	32.88
852	400	850	0	14.341	.155	550.79	85.73
853	450	850	0	14.530	.189	553.53	166.44
854	500	850	0	14.721	.225 *	571.20	259.89 *
855	550	850	0	14.904	.261 *	571.98	326.73 *
856	600	850	0	15.063	.284 *	599.10	391.98 *
857	650	850	0	15.185	.296 *	596.98	417.20 *
858	700	850	0	15.277	.302 *	628.10	432.77 *
859	750	850	0	15.339	.307 *	653.59	444.11 *
860	800	850	0	15.381	.305 *	645.88	452.91 *
861	850	850	0	15.389	.302 *	672.20	459.28 *
862	900	850	0	15.362	.294 *	700.77	444.41 *
863	950	850	0	15.274	.360 *	712.83	396.02 *
864	1000	850	0	15.115	.320 *	796.42	325.46 *
865	1050	850	0	14.911	.280 *	803.63	198.48
866	1100	850	0	14.675	.259 *	858.02	124.16
867	1150	850	0	14.429	.219 *	840.89	70.05
868	1200	850	0	14.236	.219 *	892.69	44.03
869	1250	850	0	14.136	.182	897.58	28.46
870	1300	850	0	14.090	.201 *	996.68	16.31
871	1350	850	0	14.069	.205 *	995.71	7.87
872	1400	850	0	14.063	.187	1030.84	2.67
873	1450	850	0	14.067	.161	1100.60	8.77
874	1500	850	0	14.082	.190	1142.23	14.69
875	1550	850	0	14.109	.218 *	1210.10	15.26
876	1600	850	0	14.141	.236 *	1237.72	34.06
877	1650	850	0	14.185	.258 *	1319.49	46.84
878	1700	850	0	14.232	.253 *	1384.70	63.17

879	1750	850	0	14.292	.276 *	1488.32	82.99
880	1800	850	0	14.354	.389 *	1608.18	103.48
881	1850	850	0	14.407	.324 *	1716.92	100.95
882	1900	850	0	14.614	.196	1930.81	103.30
883	1950	850	0	15.304	.176	1751.80	158.18
884	2000	850	0	16.252	.402 *	1435.89	210.93 *
885	2050	850	0	18.029	.654 *	1127.98	342.77 *
886	2100	850	0	19.502	.996 *	866.11	471.50 *
887	2150	850	0	21.420	1.158 *	934.97	559.28 *
888	2200	850	0	22.139	1.382 *	902.78	534.24 *
889	2250	850	0	23.418	1.654 *	941.41	608.13 *
890	2300	850	0	23.382	1.678 *	902.86	558.32 *
891	2350	850	0	24.368	1.892 *	947.54	625.89 *
892	2400	850	0	24.094	1.887 *	910.60	574.67 *
893	2450	850	0	24.857	1.988 *	961.73	637.33 *
894	2500	850	0	24.354	1.910 *	919.08	584.90 *
895	2550	850	0	24.934	1.973 *	987.96	646.95 *
896	2600	850	0	24.300	1.904 *	942.30	594.50 *
897	2650	850	0	24.789	1.948 *	1018.60	650.73 *
898	2700	850	0	24.104	1.850 *	943.56	602.72 *
899	2750	850	0	24.562	1.844 *	1075.65	649.87 *
900	2800	850	0	23.821	1.735 *	961.69	603.09 *
901	2850	850	0	24.213	1.767 *	1136.47	650.02 *
902	2900	850	0	23.454	1.542 *	945.08	647.39 *
903	2950	850	0	23.626	1.596 *	1130.32	650.55 *
904	3000	850	0	21.327	1.156 *	914.40	705.17 *
905	3050	850	0	18.825	.858 *	798.85	496.56 *
906	3100	850	0	17.128	.649 *	602.52	408.34 *
907	3150	850	0	16.206	.513 *	494.53	344.51 *
908	3200	850	0	15.627	.465 *	403.88	302.75 *
909	3250	850	0	15.221	.358 *	336.20	265.94 *
910	3300	850	0	14.929	.330 *	276.16	239.22 *
911	3350	850	0	14.708	.302 *	244.29	215.57 *
912	3400	850	0	14.541	.119	219.86	195.64
913	3450	850	0	14.403	.003	200.38	177.72
914	3500	850	0	14.285	.000v	178.51	159.72
915	3550	850	0	14.182	.000v	169.29	145.45
916	3600	850	0	14.090	.000v	149.97	127.39
917	3650	850	0	14.007	.000v	141.55	114.02
918	3700	850	0	13.933	.000v	127.36	89.38
919	3750	850	0	13.867	.000v	122.01	76.74
920	3800	850	0	13.812	.000v	105.80	53.90
921	3850	850	0	13.763	.000v	99.39	31.17
922	3900	850	0	13.720	.000v	85.24	14.34
923	3950	850	0	13.684	.000v	74.75	3.82
924	4000	850	0	13.651	.000v	57.90	.00v
925	200	900	0	13.737	.032	346.40	.00v
926	250	900	0	13.815	.054	376.65	.00v
927	300	900	0	13.913	.075	424.56	2.58
928	350	900	0	14.021	.103	451.73	16.09
929	400	900	0	14.136	.127	448.97	29.43
930	450	900	0	14.258	.153	468.34	73.72
931	500	900	0	14.380	.180	466.88	139.36
932	550	900	0	14.503	.205 *	486.71	217.48 *
933	600	900	0	14.613	.226 *	489.04	255.03 *
934	650	900	0	14.704	.247 *	505.08	292.13 *
935	700	900	0	14.766	.255 *	514.35	342.95 *
936	750	900	0	14.811	.259 *	515.15	349.44 *
937	800	900	0	14.823	.259 *	518.86	356.37 *
938	850	900	0	14.813	.254 *	528.60	352.85 *
939	900	900	0	14.763	.241 *	618.64	287.96 *

940	950	900	0	14.681	.252 *	568.90	251.84 *
941	1000	900	0	14.573	.225 *	587.02	169.85
942	1050	900	0	14.456	.198	621.19	109.20
943	1100	900	0	14.333	.174	631.29	64.79
944	1150	900	0	14.199	.158	655.87	39.84
945	1200	900	0	14.076	.124	679.56	29.39
946	1250	900	0	13.984	.114	701.40	18.60
947	1300	900	0	13.932	.094	727.02	8.73
948	1350	900	0	13.906	.100	742.82	3.32
949	1400	900	0	13.893	.087	748.98	.78
950	1450	900	0	13.889	.076	763.36	.50
951	1500	900	0	13.893	.085	784.54	1.80
952	1550	900	0	13.904	.097	806.89	5.26
953	1600	900	0	13.923	.106	800.85	10.84
954	1650	900	0	13.941	.106	850.47	19.34
955	1700	900	0	13.964	.100	882.63	31.50
956	1750	900	0	13.991	.090	939.83	41.58
957	1800	900	0	14.019	.073	1009.45	51.09
958	1850	900	0	14.071	.110	987.74	61.65
959	1900	900	0	14.172	.100	1029.30	80.17
960	1950	900	0	14.372	.071	1148.63	107.58
961	2000	900	0	14.669	.094	1034.63	140.16
962	2050	900	0	15.067	.153	948.80	180.77
963	2100	900	0	15.543	.272 *	699.97	226.25 *
964	2150	900	0	16.182	.452 *	554.96	282.98 *
965	2200	900	0	16.957	.604 *	645.55	336.24 *
966	2250	900	0	18.216	.793 *	741.20	431.24 *
967	2300	900	0	19.561	.983 *	811.32	529.43 *
968	2350	900	0	21.276	1.182 *	954.22	565.89 *
969	2400	900	0	22.315	1.384 *	904.05	568.59 *
970	2450	900	0	23.264	1.480 *	983.01	602.97 *
971	2500	900	0	22.908	1.465 *	891.67	585.88 *
972	2550	900	0	22.953	1.452 *	945.07	611.52 *
973	2600	900	0	22.143	1.334 *	937.61	581.47 *
974	2650	900	0	21.653	1.230 *	896.42	584.60 *
975	2700	900	0	20.745	1.066 *	839.13	571.20 *
976	2750	900	0	20.086	.999 *	835.93	579.35 *
977	2800	900	0	19.367	.913 *	802.17	547.19 *
978	2850	900	0	18.797	.845 *	765.73	521.29 *
979	2900	900	0	18.158	.744 *	686.13	498.79 *
980	2950	900	0	17.430	.676 *	579.16	436.63 *
981	3000	900	0	16.550	.519 *	518.78	380.11 *
982	3050	900	0	15.894	.467 *	462.97	328.90 *
983	3100	900	0	15.422	.433 *	407.12	286.34 *
984	3150	900	0	15.085	.340 *	347.96	259.30 *
985	3200	900	0	14.832	.317 *	294.73	233.09 *
986	3250	900	0	14.640	.295 *	247.01	211.62 *
987	3300	900	0	14.489	.063	213.26	191.35
988	3350	900	0	14.365	.000v	194.66	174.75
989	3400	900	0	14.258	.000v	180.86	158.71
990	3450	900	0	14.171	.000v	160.53	142.43
991	3500	900	0	14.089	.000v	152.51	129.04
992	3550	900	0	14.016	.000v	135.65	110.40
993	3600	900	0	13.951	.000v	124.37	93.38
994	3650	900	0	13.892	.000v	115.39	82.22
995	3700	900	0	13.839	.000v	106.76	71.18
996	3750	900	0	13.791	.000v	95.34	50.73
997	3800	900	0	13.750	.000v	87.94	33.61
998	3850	900	0	13.712	.000v	77.51	14.10
999	3900	900	0	13.680	.000v	67.55	4.71
1000	3950	900	0	13.650	.000v	54.61	.00v

1001	4000	900	0	13.626	.000v	31.32	.00v
1002	200	950	0	13.705	.019	276.11	.00v
1003	250	950	0	13.766	.036	303.66	.00v
1004	300	950	0	13.833	.059	318.07	.00v
1005	350	950	0	13.909	.080	351.82	2.57
1006	400	950	0	13.985	.100	365.32	11.85
1007	450	950	0	14.066	.123	382.09	20.46
1008	500	950	0	14.148	.142	386.54	54.44
1009	550	950	0	14.230	.165	403.41	90.60
1010	600	950	0	14.310	.186	410.44	158.88
1011	650	950	0	14.377	.197	417.13	193.35
1012	700	950	0	14.427	.212 *	423.86	218.49 *
1013	750	950	0	14.455	.217 *	427.86	227.38 *
1014	800	950	0	14.460	.217 *	438.32	227.58 *
1015	850	950	0	14.437	.207 *	444.53	211.29 *
1016	900	950	0	14.396	.192	455.06	165.77
1017	950	950	0	14.335	.174	485.72	123.30
1018	1000	950	0	14.268	.157	508.21	83.49
1019	1050	950	0	14.193	.148	491.81	45.26
1020	1100	950	0	14.119	.126	538.82	29.41
1021	1150	950	0	14.035	.110	552.74	22.71
1022	1200	950	0	13.958	.089	552.27	15.73
1023	1250	950	0	13.888	.078	554.67	9.41
1024	1300	950	0	13.839	.070	562.28	3.95
1025	1350	950	0	13.809	.055	571.70	.26
1026	1400	950	0	13.797	.044	585.24	.00v
1027	1450	950	0	13.792	.045	607.95	.00v
1028	1500	950	0	13.794	.048	598.70	.00v
1029	1550	950	0	13.802	.049	649.57	.00v
1030	1600	950	0	13.811	.049	649.39	2.00
1031	1650	950	0	13.823	.045	651.01	6.70
1032	1700	950	0	13.837	.043	654.65	14.66
1033	1750	950	0	13.853	.039	677.56	21.91
1034	1800	950	0	13.875	.032	697.81	33.97
1035	1850	950	0	13.913	.023	697.26	46.28
1036	1900	950	0	13.977	.014	739.36	62.12
1037	1950	950	0	14.070	.028	752.39	82.19
1038	2000	950	0	14.206	.046	767.26	105.00
1039	2050	950	0	14.382	.070	705.13	130.52
1040	2100	950	0	14.599	.121	604.41	159.55
1041	2150	950	0	14.844	.186	511.54	193.72
1042	2200	950	0	15.135	.259 *	405.35	228.08 *
1043	2250	950	0	15.463	.386 *	462.60	266.14 *
1044	2300	950	0	15.853	.459 *	497.55	300.83 *
1045	2350	950	0	16.308	.514 *	541.95	355.44 *
1046	2400	950	0	16.836	.605 *	580.34	394.83 *
1047	2450	950	0	17.368	.674 *	542.39	463.22 *
1048	2500	950	0	17.352	.677 *	529.68	452.61 *
1049	2550	950	0	17.054	.632 *	543.54	421.56 *
1050	2600	950	0	16.778	.554 *	512.79	397.82 *
1051	2650	950	0	16.547	.545 *	485.35	376.39 *
1052	2700	950	0	16.331	.526 *	469.35	356.80 *
1053	2750	950	0	16.105	.507 *	468.22	335.94 *
1054	2800	950	0	15.921	.483 *	464.56	323.72 *
1055	2850	950	0	15.766	.471 *	442.86	315.92 *
1056	2900	950	0	15.611	.452 *	395.93	315.61 *
1057	2950	950	0	15.406	.424 *	358.89	302.65 *
1058	3000	950	0	15.169	.369 *	336.18	279.01 *
1059	3050	950	0	14.928	.317 *	317.22	250.06 *
1060	3100	950	0	14.726	.303 *	288.50	228.56 *
1061	3150	950	0	14.565	.266 *	258.14	206.38 *

1062	3200	950	0	14.433	.053	226.50	188.37
1063	3250	950	0	14.320	.000v	195.41	172.05
1064	3300	950	0	14.224	.000v	174.30	153.37
1065	3350	950	0	14.141	.000v	163.15	139.23
1066	3400	950	0	14.066	.000v	146.80	119.24
1067	3450	950	0	14.001	.000v	139.95	107.06
1068	3500	950	0	13.943	.000v	124.30	89.97
1069	3550	950	0	13.892	.000v	117.26	79.03
1070	3600	950	0	13.844	.000v	103.53	70.12
1071	3650	950	0	13.801	.000v	94.26	58.61
1072	3700	950	0	13.762	.000v	85.51	47.05
1073	3750	950	0	13.727	.000v	75.93	32.89
1074	3800	950	0	13.693	.000v	66.09	13.47
1075	3850	950	0	13.664	.000v	51.86	1.80
1076	3900	950	0	13.636	.000v	39.58	.00v
1077	3950	950	0	13.618	.000v	25.15	.00v
1078	4000	950	0	13.605	.000v	16.53	.00v
1079	200	1000	0	13.672	.000v	189.15	.00v
1080	250	1000	0	13.712	.016	223.57	.00v
1081	300	1000	0	13.764	.032	255.83	.00v
1082	350	1000	0	13.813	.048	272.97	.00v
1083	400	1000	0	13.871	.069	287.83	.00v
1084	450	1000	0	13.924	.084	322.25	5.16
1085	500	1000	0	13.987	.114	313.90	9.96
1086	550	1000	0	14.043	.130	336.87	29.43
1087	600	1000	0	14.099	.141	338.60	61.21
1088	650	1000	0	14.147	.160	344.85	99.70
1089	700	1000	0	14.184	.170	346.79	126.16
1090	750	1000	0	14.199	.172	353.60	135.07
1091	800	1000	0	14.193	.168	361.00	117.00
1092	850	1000	0	14.174	.154	362.31	90.45
1093	900	1000	0	14.137	.145	378.68	60.49
1094	950	1000	0	14.099	.133	388.47	48.85
1095	1000	1000	0	14.048	.111	406.06	23.19
1096	1050	1000	0	14.006	.099	408.59	16.61
1097	1100	1000	0	13.955	.087	444.27	14.04
1098	1150	1000	0	13.908	.079	430.54	10.22
1099	1200	1000	0	13.853	.058	439.97	5.83
1100	1250	1000	0	13.811	.060	468.92	1.95
1101	1300	1000	0	13.771	.039	505.71	.00v
1102	1350	1000	0	13.746	.027	496.47	.00v
1103	1400	1000	0	13.731	.025	519.94	.00v
1104	1450	1000	0	13.729	.026	495.41	.00v
1105	1500	1000	0	13.732	.026	524.25	.00v
1106	1550	1000	0	13.739	.026	516.40	.00v
1107	1600	1000	0	13.744	.026	538.82	.19
1108	1650	1000	0	13.752	.026	548.25	1.05
1109	1700	1000	0	13.762	.026	535.23	6.07
1110	1750	1000	0	13.771	.022	554.38	14.34
1111	1800	1000	0	13.791	.019	548.93	22.50
1112	1850	1000	0	13.821	.014	593.94	35.73
1113	1900	1000	0	13.864	.011	567.92	48.59
1114	1950	1000	0	13.922	.007	578.94	61.97
1115	2000	1000	0	13.999	.005	568.68	79.90
1116	2050	1000	0	14.096	.023	517.13	101.53
1117	2100	1000	0	14.216	.042	480.13	118.76
1118	2150	1000	0	14.348	.073	357.28	143.65
1119	2200	1000	0	14.498	.125	324.98	165.91
1120	2250	1000	0	14.658	.179	329.20	188.72
1121	2300	1000	0	14.836	.255 *	350.07	216.85 *
1122	2350	1000	0	15.020	.328 *	365.74	249.04 *

1123	2400	1000	0	15.206	.378 *	358.71	276.40 *
1124	2450	1000	0	15.347	.415 *	340.14	313.10 *
1125	2500	1000	0	15.393	.427 *	335.36	316.38 *
1126	2550	1000	0	15.348	.430 *	348.75	300.83 *
1127	2600	1000	0	15.269	.421 *	352.43	288.12 *
1128	2650	1000	0	15.187	.375 *	339.13	276.45 *
1129	2700	1000	0	15.103	.362 *	324.02	264.04 *
1130	2750	1000	0	15.021	.349 *	325.87	254.46 *
1131	2800	1000	0	14.944	.339 *	322.35	249.37 *
1132	2850	1000	0	14.872	.324 *	310.32	244.63 *
1133	2900	1000	0	14.791	.310 *	291.04	235.55 *
1134	2950	1000	0	14.692	.289 *	258.65	230.25 *
1135	3000	1000	0	14.584	.271 *	249.25	219.05 *
1136	3050	1000	0	14.472	.210 *	234.44	201.01 *
1137	3100	1000	0	14.365	.037	220.50	183.03
1138	3150	1000	0	14.269	.000v	198.11	166.84
1139	3200	1000	0	14.184	.000v	179.16	151.80
1140	3250	1000	0	14.110	.000v	155.88	132.37
1141	3300	1000	0	14.040	.000v	148.02	118.72
1142	3350	1000	0	13.981	.000v	132.15	100.95
1143	3400	1000	0	13.927	.000v	123.66	87.25
1144	3450	1000	0	13.877	.000v	111.83	77.82
1145	3500	1000	0	13.832	.000v	104.74	67.56
1146	3550	1000	0	13.792	.000v	92.56	51.85
1147	3600	1000	0	13.756	.000v	85.00	42.95
1148	3650	1000	0	13.720	.000v	69.87	29.81
1149	3700	1000	0	13.689	.000v	63.64	17.85
1150	3750	1000	0	13.661	.000v	49.31	6.94
1151	3800	1000	0	13.638	.000v	34.83	.14
1152	3850	1000	0	13.620	.000v	22.96	.00v
1153	3900	1000	0	13.608	.000v	13.84	.00v
1154	3950	1000	0	13.602	.000v	4.80	.00v
1155	4000	1000	0	13.600v	.000v	.21v	.00v
	wartosci srednie			15.489	.366	684.92	200.49

ZANIECZYSZCZENIE NR 2 - pyl PM10

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

tlo stezenia R = 17.50 [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	200	300	0	17.504	.000v	12.48	.00v
2	250	300	0	17.506	.000v	14.50	.00v
3	300	300	0	17.508	.000v	18.00	.00v
4	350	300	0	17.509	.000v	18.47	.00v
5	400	300	0	17.511	.000v	20.89	.00v
6	450	300	0	17.512	.000v	20.62	.00v
7	500	300	0	17.514	.000v	20.35	.00v
8	550	300	0	17.515	.000v	20.60	.00v
9	600	300	0	17.516	.000v	20.57	.00v
10	650	300	0	17.517	.000v	20.16	.00v
11	700	300	0	17.517	.000v	19.82	.00v
12	750	300	0	17.517	.000v	19.44	.00v
13	800	300	0	17.516	.000v	19.17	.00v
14	850	300	0	17.514	.000v	18.41	.00v
15	900	300	0	17.512	.000v	18.16	.00v
16	950	300	0	17.510	.000v	17.56	.00v
17	1000	300	0	17.509	.000v	17.18	.00v

18	1050	300	0	17.508	.000v	16.66	.00v
19	1100	300	0	17.506	.000v	15.13	.00v
20	1150	300	0	17.505	.000v	13.58	.00v
21	1200	300	0	17.504	.000v	12.85	.00v
22	1250	300	0	17.502	.000v	12.41	.00v
23	1300	300	0	17.501	.000v	12.20	.00v
24	1350	300	0	17.501	.000v	12.06	.00v
25	1400	300	0	17.500	.000v	11.84	.00v
26	1450	300	0	17.500	.000v	11.72	.00v
27	1500	300	0	17.500	.000v	11.54	.00v
28	1550	300	0	17.500	.000v	11.37	.00v
29	1600	300	0	17.500	.000v	11.24	.00v
30	1650	300	0	17.500	.000v	11.04	.00v
31	1700	300	0	17.500	.000v	10.93	.00v
32	1750	300	0	17.500	.000v	10.78	.00v
33	1800	300	0	17.500	.000v	11.93	.00v
34	1850	300	0	17.500	.000v	11.83	.00v
35	1900	300	0	17.500	.000v	11.61	.00v
36	1950	300	0	17.500	.000v	.16	.00v
37	2000	300	0	17.500	.000v	.16	.00v
38	2050	300	0	17.500	.000v	.18	.00v
39	2100	300	0	17.500	.000v	.20	.00v
40	2150	300	0	17.500	.000v	.23	.00v
41	2200	300	0	17.500	.000v	.27	.00v
42	2250	300	0	17.500	.000v	.30	.00v
43	2300	300	0	17.500	.000v	.33	.00v
44	2350	300	0	17.500	.000v	.36	.00v
45	2400	300	0	17.500	.000v	.40	.00v
46	2450	300	0	17.500	.000v	.43	.00v
47	2500	300	0	17.500	.000v	.47	.00v
48	2550	300	0	17.500	.000v	.50	.00v
49	2600	300	0	17.500	.000v	.54	.00v
50	2650	300	0	17.500	.000v	.57	.00v
51	2700	300	0	17.500	.000v	.61	.00v
52	2750	300	0	17.500	.000v	.64	.00v
53	2800	300	0	17.501	.000v	.83	.00v
54	2850	300	0	17.501	.000v	1.40	.00v
55	2900	300	0	17.502	.000v	2.00	.00v
56	2950	300	0	17.502	.000v	2.84	.00v
57	3000	300	0	17.503	.000v	3.45	.00v
58	3050	300	0	17.504	.000v	4.21	.00v
59	3100	300	0	17.505	.000v	4.75	.01
60	3150	300	0	17.506	.000v	5.21	.05
61	3200	300	0	17.507	.000v	5.87	.12
62	3250	300	0	17.509	.000v	6.19	.26
63	3300	300	0	17.510	.000v	6.63	.85
64	3350	300	0	17.511	.000v	7.04	1.46
65	3400	300	0	17.512	.000v	7.59	1.73
66	3450	300	0	17.514	.000v	8.10	2.55
67	3500	300	0	17.515	.000v	8.38	3.09
68	3550	300	0	17.516	.000v	9.07	3.68
69	3600	300	0	17.517	.000v	9.60	3.83
70	3650	300	0	17.518	.000v	10.27	3.74
71	3700	300	0	17.518	.000v	10.95	3.39
72	3750	300	0	17.518	.000v	11.96	2.40
73	3800	300	0	17.516	.000v	13.23	1.63
74	3850	300	0	17.514	.000v	14.31	1.04
75	3900	300	0	17.511	.000v	16.11	.81
76	3950	300	0	17.507	.000v	16.69	.33
77	4000	300	0	17.504	.000v	13.95	.07
78	200	350	0	17.505	.000v	17.56	.00v

79	250	350	0	17.508	.000v	20.51	.00v
80	300	350	0	17.511	.000v	22.32	.00v
81	350	350	0	17.514	.000v	24.19	.00v
82	400	350	0	17.516	.000v	25.28	.00v
83	450	350	0	17.518	.000v	25.38	.00v
84	500	350	0	17.520	.000v	25.36	.13
85	550	350	0	17.523	.000v	24.82	.42
86	600	350	0	17.525	.000v	25.23	.76
87	650	350	0	17.526	.000v	24.41	.97
88	700	350	0	17.526	.000v	24.45	.98
89	750	350	0	17.525	.000v	23.70	.88
90	800	350	0	17.524	.000v	23.46	.62
91	850	350	0	17.521	.000v	22.52	.45
92	900	350	0	17.519	.000v	22.26	.19
93	950	350	0	17.516	.000v	21.56	.00v
94	1000	350	0	17.514	.000v	21.42	.00v
95	1050	350	0	17.512	.000v	21.61	.00v
96	1100	350	0	17.510	.000v	20.67	.00v
97	1150	350	0	17.508	.000v	19.76	.00v
98	1200	350	0	17.506	.000v	20.42	.00v
99	1250	350	0	17.504	.000v	20.70	.00v
100	1300	350	0	17.503	.000v	20.44	.00v
101	1350	350	0	17.502	.000v	19.75	.00v
102	1400	350	0	17.501	.000v	12.46	.00v
103	1450	350	0	17.501	.000v	12.22	.00v
104	1500	350	0	17.501	.000v	12.05	.00v
105	1550	350	0	17.501	.000v	19.44	.00v
106	1600	350	0	17.501	.000v	13.00	.00v
107	1650	350	0	17.501	.000v	12.75	.00v
108	1700	350	0	17.500	.000v	12.60	.00v
109	1750	350	0	17.500	.000v	12.41	.00v
110	1800	350	0	17.500	.000v	12.20	.00v
111	1850	350	0	17.500	.000v	12.06	.00v
112	1900	350	0	17.501	.000v	11.81	.00v
113	1950	350	0	17.501	.000v	11.39	.00v
114	2000	350	0	17.501	.000v	10.86	.00v
115	2050	350	0	17.501	.000v	11.47	.00v
116	2100	350	0	17.501	.000v	1.84	.00v
117	2150	350	0	17.501	.000v	1.95	.00v
118	2200	350	0	17.501	.000v	1.98	.00v
119	2250	350	0	17.501	.000v	2.06	.00v
120	2300	350	0	17.501	.000v	2.08	.00v
121	2350	350	0	17.501	.000v	2.16	.00v
122	2400	350	0	17.501	.000v	2.18	.00v
123	2450	350	0	17.501	.000v	2.26	.00v
124	2500	350	0	17.501	.000v	2.29	.00v
125	2550	350	0	17.501	.000v	2.37	.00v
126	2600	350	0	17.501	.000v	2.39	.00v
127	2650	350	0	17.501	.000v	2.47	.00v
128	2700	350	0	17.502	.000v	2.50	.00v
129	2750	350	0	17.502	.000v	2.57	.00v
130	2800	350	0	17.503	.000v	2.60	.00v
131	2850	350	0	17.503	.000v	3.17	.00v
132	2900	350	0	17.504	.000v	3.97	.00v
133	2950	350	0	17.505	.000v	4.91	.02
134	3000	350	0	17.506	.000v	5.40	.06
135	3050	350	0	17.507	.000v	5.86	.14
136	3100	350	0	17.508	.000v	6.24	.19
137	3150	350	0	17.510	.000v	6.82	.62
138	3200	350	0	17.511	.000v	7.12	1.18
139	3250	350	0	17.513	.000v	7.57	1.97

140	3300	350	0	17.514	.000v	8.04	2.89
141	3350	350	0	17.516	.000v	8.67	3.87
142	3400	350	0	17.518	.000v	9.13	4.42
143	3450	350	0	17.520	.000v	9.85	4.95
144	3500	350	0	17.522	.000v	10.31	5.43
145	3550	350	0	17.524	.000v	11.07	6.06
146	3600	350	0	17.527	.000v	12.15	6.47
147	3650	350	0	17.529	.000v	13.10	6.76
148	3700	350	0	17.532	.000v	14.18	6.57
149	3750	350	0	17.534	.000v	15.89	5.38
150	3800	350	0	17.533	.000v	17.63	4.43
151	3850	350	0	17.528	.000v	20.89	3.60
152	3900	350	0	17.518	.000v	23.77	1.32
153	3950	350	0	17.509	.000v	22.06	.57
154	4000	350	0	17.506	.000v	16.87	.22
155	200	400	0	17.506	.000v	23.11	.00v
156	250	400	0	17.510	.000v	28.19	.00v
157	300	400	0	17.514	.000v	29.14	.00v
158	350	400	0	17.519	.000v	30.48	.00v
159	400	400	0	17.523	.000v	31.44	.04
160	450	400	0	17.527	.000v	31.63	.37
161	500	400	0	17.530	.000v	31.61	1.06
162	550	400	0	17.534	.000v	30.31	1.59
163	600	400	0	17.537	.000v	30.15	1.89
164	650	400	0	17.538	.000v	29.09	1.94
165	700	400	0	17.538	.000v	29.07	1.91
166	750	400	0	17.537	.000v	28.26	1.84
167	800	400	0	17.535	.000v	27.92	1.74
168	850	400	0	17.532	.000v	27.46	1.61
169	900	400	0	17.528	.000v	26.77	1.38
170	950	400	0	17.524	.000v	26.03	1.03
171	1000	400	0	17.520	.000v	25.86	.62
172	1050	400	0	17.518	.000v	24.73	.21
173	1100	400	0	17.515	.000v	23.62	.00v
174	1150	400	0	17.512	.000v	23.57	.00v
175	1200	400	0	17.509	.000v	21.53	.00v
176	1250	400	0	17.506	.000v	21.99	.00v
177	1300	400	0	17.504	.000v	22.32	.00v
178	1350	400	0	17.503	.000v	21.33	.00v
179	1400	400	0	17.502	.000v	21.22	.00v
180	1450	400	0	17.502	.000v	21.12	.00v
181	1500	400	0	17.501	.000v	20.74	.00v
182	1550	400	0	17.501	.000v	21.14	.00v
183	1600	400	0	17.501	.000v	21.23	.00v
184	1650	400	0	17.501	.000v	21.22	.00v
185	1700	400	0	17.501	.000v	21.07	.00v
186	1750	400	0	17.501	.000v	20.80	.00v
187	1800	400	0	17.501	.000v	20.09	.00v
188	1850	400	0	17.501	.000v	19.96	.00v
189	1900	400	0	17.501	.000v	12.35	.00v
190	1950	400	0	17.502	.000v	19.72	.00v
191	2000	400	0	17.502	.000v	12.35	.00v
192	2050	400	0	17.502	.000v	11.52	.00v
193	2100	400	0	17.502	.000v	10.67	.00v
194	2150	400	0	17.502	.000v	3.28	.00v
195	2200	400	0	17.503	.000v	3.71	.00v
196	2250	400	0	17.503	.000v	3.85	.00v
197	2300	400	0	17.503	.000v	4.10	.00v
198	2350	400	0	17.503	.000v	4.16	.00v
199	2400	400	0	17.504	.000v	4.25	.00v
200	2450	400	0	17.504	.000v	4.27	.00v

201	2500	400	0	17.504	.000v	4.37	.00v
202	2550	400	0	17.504	.000v	4.36	.00v
203	2600	400	0	17.504	.000v	4.42	.00
204	2650	400	0	17.504	.000v	4.48	.01
205	2700	400	0	17.505	.000v	4.44	.11
206	2750	400	0	17.505	.000v	4.53	.17
207	2800	400	0	17.506	.000v	4.60	.17
208	2850	400	0	17.507	.000v	5.22	.55
209	2900	400	0	17.508	.000v	5.72	.82
210	2950	400	0	17.509	.000v	6.08	.91
211	3000	400	0	17.510	.000v	6.80	1.31
212	3050	400	0	17.511	.000v	7.09	1.35
213	3100	400	0	17.512	.000v	7.56	1.79
214	3150	400	0	17.514	.000v	8.17	2.88
215	3200	400	0	17.516	.000v	8.65	3.64
216	3250	400	0	17.518	.000v	9.20	4.73
217	3300	400	0	17.521	.000v	9.73	5.53
218	3350	400	0	17.524	.000v	10.39	6.52
219	3400	400	0	17.527	.000v	11.01	7.34
220	3450	400	0	17.530	.000v	11.95	7.82
221	3500	400	0	17.534	.000v	13.07	8.46
222	3550	400	0	17.539	.000v	14.11	9.11
223	3600	400	0	17.546	.000v	15.86	9.72
224	3650	400	0	17.554	.000v	17.38	10.65
225	3700	400	0	17.565	.000v	20.33	11.34
226	3750	400	0	17.577	.000v	24.06	11.00
227	3800	400	0	17.593	.000v	28.90	10.70
228	3850	400	0	17.598	.000v	38.95	9.84
229	3900	400	0	17.531	.000v	35.76	2.83
230	3950	400	0	17.514	.000v	24.60	1.03
231	4000	400	0	17.508	.000v	17.87	.49
232	200	450	0	17.507	.000v	29.91	.00v
233	250	450	0	17.512	.000v	35.18	.00v
234	300	450	0	17.518	.000v	38.34	.00v
235	350	450	0	17.525	.000v	40.35	.20
236	400	450	0	17.532	.000v	41.35	1.12
237	450	450	0	17.540	.000v	39.66	2.17
238	500	450	0	17.546	.000v	38.01	2.99
239	550	450	0	17.552	.000v	37.21	3.58
240	600	450	0	17.555	.000v	36.09	3.35
241	650	450	0	17.556	.000v	36.23	3.12
242	700	450	0	17.555	.000v	34.92	3.02
243	750	450	0	17.554	.000v	34.73	2.95
244	800	450	0	17.551	.000v	33.61	2.80
245	850	450	0	17.547	.000v	33.06	2.69
246	900	450	0	17.541	.000v	32.01	2.51
247	950	450	0	17.535	.000v	31.75	2.16
248	1000	450	0	17.530	.000v	30.60	1.80
249	1050	450	0	17.526	.000v	29.94	1.44
250	1100	450	0	17.521	.000v	29.14	1.01
251	1150	450	0	17.516	.000v	27.22	.53
252	1200	450	0	17.512	.000v	25.00	.15
253	1250	450	0	17.509	.000v	23.62	.00v
254	1300	450	0	17.507	.000v	24.03	.00v
255	1350	450	0	17.505	.000v	23.62	.00v
256	1400	450	0	17.504	.000v	23.40	.00v
257	1450	450	0	17.503	.000v	23.96	.00v
258	1500	450	0	17.502	.000v	22.73	.00v
259	1550	450	0	17.502	.000v	22.66	.00v
260	1600	450	0	17.502	.000v	22.48	.00v
261	1650	450	0	17.502	.000v	22.67	.00v

262	1700	450	0	17.502	.000v	22.39	.00v
263	1750	450	0	17.502	.000v	22.42	.00v
264	1800	450	0	17.502	.000v	22.47	.00v
265	1850	450	0	17.502	.000v	21.92	.00v
266	1900	450	0	17.503	.000v	20.86	.00v
267	1950	450	0	17.503	.000v	21.08	.00v
268	2000	450	0	17.503	.000v	19.29	.03
269	2050	450	0	17.504	.000v	11.81	.04
270	2100	450	0	17.504	.000v	11.90	.06
271	2150	450	0	17.505	.000v	10.83	.09
272	2200	450	0	17.505	.000v	5.28	.11
273	2250	450	0	17.506	.000v	5.77	.18
274	2300	450	0	17.506	.000v	6.06	.23
275	2350	450	0	17.507	.000v	6.39	.29
276	2400	450	0	17.507	.000v	6.60	.28
277	2450	450	0	17.507	.000v	6.45	.33
278	2500	450	0	17.508	.000v	6.61	.34
279	2550	450	0	17.508	.000v	6.81	.41
280	2600	450	0	17.508	.000v	6.52	.66
281	2650	450	0	17.508	.000v	6.64	1.12
282	2700	450	0	17.509	.000v	6.39	1.22
283	2750	450	0	17.509	.000v	6.41	1.64
284	2800	450	0	17.510	.000v	6.25	1.92
285	2850	450	0	17.511	.000v	6.77	2.17
286	2900	450	0	17.512	.000v	7.22	2.78
287	2950	450	0	17.513	.000v	7.83	2.89
288	3000	450	0	17.514	.000v	8.20	3.20
289	3050	450	0	17.516	.000v	8.70	3.93
290	3100	450	0	17.518	.000v	9.19	4.45
291	3150	450	0	17.520	.000v	10.02	5.43
292	3200	450	0	17.523	.000v	10.48	6.44
293	3250	450	0	17.527	.000v	11.26	7.45
294	3300	450	0	17.531	.000v	12.30	8.12
295	3350	450	0	17.536	.000v	13.15	9.26
296	3400	450	0	17.541	.000v	14.11	10.34
297	3450	450	0	17.549	.000v	15.66	11.31
298	3500	450	0	17.559	.000v	16.99	12.79
299	3550	450	0	17.573	.000v	19.69	14.22
300	3600	450	0	17.593	.000v	22.75	16.40
301	3650	450	0	17.626	.000v	27.43	18.60
302	3700	450	0	17.690	.000v	35.59	21.14
303	3750	450	0	17.808	.000v	48.77	23.92
304	3800	450	0	17.853	.000v	54.91	19.93
305	3850	450	0	17.662	.000v	45.72	12.84
306	3900	450	0	17.542	.000v	30.58	4.69
307	3950	450	0	17.518	.000v	22.25	1.53
308	4000	450	0	17.510	.000v	16.52	.64
309	200	500	0	17.508	.000v	39.90	.00v
310	250	500	0	17.513	.000v	45.94	.04
311	300	500	0	17.522	.000v	51.70	.70
312	350	500	0	17.534	.000v	54.44	1.99
313	400	500	0	17.549	.000v	55.98	3.85
314	450	500	0	17.567	.000v	54.68	8.07
315	500	500	0	17.581	.000v	52.33	12.96
316	550	500	0	17.590	.000v	50.82	14.95
317	600	500	0	17.593	.000v	49.31	14.97
318	650	500	0	17.592	.000v	47.58	13.72
319	700	500	0	17.589	.000v	45.19	13.30
320	750	500	0	17.585	.000v	44.82	12.27
321	800	500	0	17.581	.000v	43.58	10.78
322	850	500	0	17.575	.000v	42.45	9.63

323	900	500	0	17.566	.000v	41.24	7.92
324	950	500	0	17.556	.000v	39.55	5.58
325	1000	500	0	17.546	.000v	38.77	3.30
326	1050	500	0	17.538	.000v	37.25	2.58
327	1100	500	0	17.530	.000v	36.79	1.91
328	1150	500	0	17.522	.000v	34.81	1.33
329	1200	500	0	17.516	.000v	31.43	.74
330	1250	500	0	17.512	.000v	27.94	.23
331	1300	500	0	17.509	.000v	27.07	.00v
332	1350	500	0	17.507	.000v	28.50	.00v
333	1400	500	0	17.506	.000v	26.04	.00v
334	1450	500	0	17.505	.000v	28.15	.00v
335	1500	500	0	17.504	.000v	26.58	.00v
336	1550	500	0	17.504	.000v	26.90	.00v
337	1600	500	0	17.504	.000v	27.02	.00v
338	1650	500	0	17.504	.000v	23.61	.00v
339	1700	500	0	17.503	.000v	24.12	.00v
340	1750	500	0	17.504	.000v	23.62	.00v
341	1800	500	0	17.504	.000v	23.66	.00v
342	1850	500	0	17.504	.000v	23.53	.01
343	1900	500	0	17.505	.000v	23.40	.04
344	1950	500	0	17.505	.000v	21.42	.09
345	2000	500	0	17.505	.000v	20.80	.15
346	2050	500	0	17.506	.000v	20.06	.19
347	2100	500	0	17.507	.000v	12.07	.26
348	2150	500	0	17.508	.000v	11.92	.45
349	2200	500	0	17.509	.000v	10.70	.76
350	2250	500	0	17.510	.000v	7.56	1.13
351	2300	500	0	17.510	.000v	7.72	1.35
352	2350	500	0	17.511	.000v	7.79	1.62
353	2400	500	0	17.511	.000v	8.17	1.64
354	2450	500	0	17.512	.000v	8.00	2.11
355	2500	500	0	17.512	.000v	8.34	1.90
356	2550	500	0	17.513	.000v	8.35	2.33
357	2600	500	0	17.513	.000v	8.22	2.45
358	2650	500	0	17.513	.000v	8.11	2.95
359	2700	500	0	17.514	.000v	7.96	3.49
360	2750	500	0	17.514	.000v	7.85	3.73
361	2800	500	0	17.515	.000v	7.74	4.22
362	2850	500	0	17.516	.000v	8.17	4.28
363	2900	500	0	17.517	.000v	8.51	4.96
364	2950	500	0	17.519	.000v	9.41	5.23
365	3000	500	0	17.521	.000v	9.71	5.84
366	3050	500	0	17.523	.000v	10.48	6.05
367	3100	500	0	17.526	.000v	11.11	7.34
368	3150	500	0	17.530	.000v	11.94	8.20
369	3200	500	0	17.535	.000v	12.84	9.71
370	3250	500	0	17.541	.000v	14.09	11.16
371	3300	500	0	17.549	.000v	15.62	13.02
372	3350	500	0	17.559	.000v	16.96	14.24
373	3400	500	0	17.573	.000v	19.44	15.48
374	3450	500	0	17.593	.000v	22.12	16.95
375	3500	500	0	17.624	.000v	26.08	19.34
376	3550	500	0	17.679	.000v	33.03	23.90
377	3600	500	0	17.776	.000v	43.85	27.81
378	3650	500	0	17.915	.000v	64.22	30.41
379	3700	500	0	17.971	.000v	56.64	25.28
380	3750	500	0	17.981	.000v	70.01	24.84
381	3800	500	0	17.776	.000v	56.83	20.19
382	3850	500	0	17.591	.000v	33.39	9.23
383	3900	500	0	17.539	.000v	24.62	4.29

384	3950	500	0	17.519	.000v	18.43	1.70
385	4000	500	0	17.511	.000v	13.88	.65
386	200	550	0	17.512	.000v	52.25	.00v
387	250	550	0	17.519	.000v	63.28	.23
388	300	550	0	17.533	.000v	73.14	2.29
389	350	550	0	17.557	.000v	79.80	5.46
390	400	550	0	17.593	.000v	85.60	11.88
391	450	550	0	17.640	.000v	85.01	22.48
392	500	550	0	17.681	.000v	80.89	31.10
393	550	550	0	17.698	.000v	75.09	31.22
394	600	550	0	17.692	.000v	73.34	31.39
395	650	550	0	17.683	.000v	68.72	32.96
396	700	550	0	17.673	.000v	66.10	32.43
397	750	550	0	17.662	.000v	61.86	30.82
398	800	550	0	17.650	.000v	61.28	29.22
399	850	550	0	17.638	.000v	57.73	26.15
400	900	550	0	17.624	.000v	56.67	20.21
401	950	550	0	17.605	.000v	53.02	17.74
402	1000	550	0	17.582	.000v	52.49	12.66
403	1050	550	0	17.562	.000v	50.32	7.01
404	1100	550	0	17.544	.000v	48.30	3.76
405	1150	550	0	17.531	.000v	45.16	2.18
406	1200	550	0	17.522	.000v	41.31	1.34
407	1250	550	0	17.517	.000v	35.72	.63
408	1300	550	0	17.513	.000v	33.17	.21
409	1350	550	0	17.511	.000v	32.40	.00v
410	1400	550	0	17.509	.000v	33.12	.00v
411	1450	550	0	17.508	.000v	31.93	.00v
412	1500	550	0	17.507	.000v	31.17	.00v
413	1550	550	0	17.506	.000v	32.04	.00v
414	1600	550	0	17.506	.000v	31.24	.00v
415	1650	550	0	17.505	.000v	29.94	.00v
416	1700	550	0	17.505	.000v	30.11	.00v
417	1750	550	0	17.505	.000v	27.75	.03
418	1800	550	0	17.505	.000v	27.49	.10
419	1850	550	0	17.506	.000v	29.02	.15
420	1900	550	0	17.507	.000v	26.95	.23
421	1950	550	0	17.507	.000v	28.26	.32
422	2000	550	0	17.508	.000v	22.69	.61
423	2050	550	0	17.509	.000v	26.91	.87
424	2100	550	0	17.510	.000v	21.08	1.12
425	2150	550	0	17.512	.000v	19.92	1.68
426	2200	550	0	17.513	.000v	11.57	2.13
427	2250	550	0	17.514	.000v	10.30	2.61
428	2300	550	0	17.515	.000v	9.62	2.79
429	2350	550	0	17.516	.000v	9.81	3.45
430	2400	550	0	17.517	.000v	9.84	3.94
431	2450	550	0	17.517	.000v	10.08	4.21
432	2500	550	0	17.518	.000v	10.10	4.52
433	2550	550	0	17.518	.000v	10.32	4.76
434	2600	550	0	17.519	.000v	10.13	5.16
435	2650	550	0	17.519	.000v	9.97	5.16
436	2700	550	0	17.520	.000v	9.95	5.54
437	2750	550	0	17.520	.000v	9.61	5.84
438	2800	550	0	17.521	.000v	9.61	6.27
439	2850	550	0	17.523	.000v	9.39	6.58
440	2900	550	0	17.524	.000v	10.18	6.95
441	2950	550	0	17.527	.000v	10.76	7.49
442	3000	550	0	17.530	.000v	11.72	8.08
443	3050	550	0	17.534	.000v	12.80	8.77
444	3100	550	0	17.540	.000v	14.12	10.21

445	3150	550	0	17.547	.000v	15.38	12.76
446	3200	550	0	17.557	.000v	16.76	14.30
447	3250	550	0	17.571	.000v	18.72	15.59
448	3300	550	0	17.589	.000v	21.21	17.44
449	3350	550	0	17.617	.000v	25.38	19.04
450	3400	550	0	17.662	.000v	30.79	22.22
451	3450	550	0	17.762	.000v	42.57	30.41
452	3500	550	0	17.893	.000v	54.63	30.90
453	3550	550	0	18.031	.000v	52.83	32.50
454	3600	550	0	18.039	.000v	54.74	29.46
455	3650	550	0	18.073	.000v	51.37	30.54
456	3700	550	0	17.990	.000v	51.36	33.16
457	3750	550	0	17.847	.000v	43.15	27.66
458	3800	550	0	17.630	.000v	31.31	14.76
459	3850	550	0	17.561	.000v	24.10	8.02
460	3900	550	0	17.531	.000v	18.73	4.33
461	3950	550	0	17.517	.000v	15.34	1.81
462	4000	550	0	17.510	.000v	11.86	.63
463	200	600	0	17.521	.000v	62.72	.00v
464	250	600	0	17.532	.000v	84.86	.68
465	300	600	0	17.557	.000v	104.70	4.33
466	350	600	0	17.624	.000v	128.93	15.08
467	400	600	0	17.750	.000v	151.26	33.00
468	450	600	0	17.946	.000v	178.63	57.71
469	500	600	0	18.230	.000v	220.27	82.17
470	550	600	0	18.197	.000v	172.88	83.73
471	600	600	0	18.114	.000v	150.88	79.41
472	650	600	0	18.027	.000v	134.14	74.08
473	700	600	0	17.976	.000v	122.42	69.27
474	750	600	0	17.920	.000v	112.26	63.51
475	800	600	0	17.864	.000v	105.25	57.04
476	850	600	0	17.819	.000v	97.21	51.25
477	900	600	0	17.787	.000v	89.57	47.22
478	950	600	0	17.747	.000v	85.81	38.82
479	1000	600	0	17.683	.000v	82.82	30.23
480	1050	600	0	17.618	.000v	77.58	17.57
481	1100	600	0	17.572	.000v	72.87	8.04
482	1150	600	0	17.544	.000v	63.71	3.80
483	1200	600	0	17.531	.000v	55.80	2.20
484	1250	600	0	17.524	.000v	45.73	1.32
485	1300	600	0	17.519	.000v	44.63	.69
486	1350	600	0	17.516	.000v	41.83	.22
487	1400	600	0	17.513	.000v	40.24	.00v
488	1450	600	0	17.511	.000v	39.57	.00v
489	1500	600	0	17.510	.000v	39.65	.00v
490	1550	600	0	17.509	.000v	38.02	.00v
491	1600	600	0	17.509	.000v	37.65	.00v
492	1650	600	0	17.508	.000v	37.66	.00v
493	1700	600	0	17.508	.000v	35.15	.03
494	1750	600	0	17.508	.000v	35.06	.13
495	1800	600	0	17.508	.000v	33.70	.33
496	1850	600	0	17.508	.000v	33.59	.50
497	1900	600	0	17.509	.000v	32.85	.87
498	1950	600	0	17.510	.000v	31.02	1.06
499	2000	600	0	17.511	.000v	31.16	1.49
500	2050	600	0	17.513	.000v	29.62	1.87
501	2100	600	0	17.515	.000v	27.72	2.49
502	2150	600	0	17.517	.000v	21.10	3.22
503	2200	600	0	17.519	.000v	19.16	3.79
504	2250	600	0	17.520	.000v	11.82	4.51
505	2300	600	0	17.522	.000v	11.83	4.97

506	2350	600	0	17.523	.000v	12.18	5.72
507	2400	600	0	17.524	.000v	12.02	6.28
508	2450	600	0	17.525	.000v	12.06	6.54
509	2500	600	0	17.526	.000v	12.20	7.04
510	2550	600	0	17.527	.000v	12.30	7.38
511	2600	600	0	17.527	.000v	12.19	7.41
512	2650	600	0	17.528	.000v	12.44	7.69
513	2700	600	0	17.528	.000v	12.35	8.02
514	2750	600	0	17.529	.000v	12.13	8.46
515	2800	600	0	17.530	.000v	12.05	8.62
516	2850	600	0	17.532	.000v	11.79	8.95
517	2900	600	0	17.535	.000v	12.28	9.90
518	2950	600	0	17.540	.000v	13.15	10.94
519	3000	600	0	17.546	.000v	14.36	11.40
520	3050	600	0	17.555	.000v	15.61	13.50
521	3100	600	0	17.567	.000v	18.00	15.32
522	3150	600	0	17.584	.000v	20.29	16.98
523	3200	600	0	17.608	.000v	23.91	19.02
524	3250	600	0	17.647	.000v	28.84	21.51
525	3300	600	0	17.716	.000v	37.54	26.53
526	3350	600	0	17.854	.000v	54.80	32.25
527	3400	600	0	17.957	.000v	54.87	34.78
528	3450	600	0	18.042	.000v	69.20	35.24
529	3500	600	0	18.041	.000v	59.12	29.42
530	3550	600	0	18.044	.000v	70.89	31.41
531	3600	600	0	17.954	.000v	59.45	30.78
532	3650	600	0	17.822	.000v	42.71	28.51
533	3700	600	0	17.698	.000v	29.18	21.80
534	3750	600	0	17.624	.000v	23.39	16.90
535	3800	600	0	17.573	.000v	19.63	11.40
536	3850	600	0	17.542	.000v	16.56	7.30
537	3900	600	0	17.525	.000v	14.37	4.19
538	3950	600	0	17.515	.000v	12.20	1.92
539	4000	600	0	17.509	.000v	10.11	.55
540	200	650	0	17.526	.000v	67.43	.10
541	250	650	0	17.543	.000v	91.04	1.36
542	300	650	0	17.589	.000v	132.98	6.61
543	350	650	0	17.846	.000v	185.21	35.93
544	400	650	0	18.354	.000v	209.15	77.91
545	450	650	0	18.561	.000v	207.52	93.33
546	500	650	0	18.865	.000v	216.12	107.72
547	550	650	0	18.890	.000v	212.22	103.29
548	600	650	0	19.031^	.000v	210.00	113.44^
549	650	650	0	18.924	.000v	200.97	105.29
550	700	650	0	19.001	.000v	192.46	112.28
551	750	650	0	18.866	.000v	200.96	102.44
552	800	650	0	18.922	.000v	202.59	113.40
553	850	650	0	18.730	.000v	209.77	94.76
554	900	650	0	18.670	.000v	202.23	95.02
555	950	650	0	18.450	.000v	185.86	94.10
556	1000	650	0	18.242	.000v	174.98	88.99
557	1050	650	0	17.780	.000v	149.16	36.36
558	1100	650	0	17.625	.000v	115.60	14.22
559	1150	650	0	17.568	.000v	92.23	5.63
560	1200	650	0	17.545	.000v	74.32	3.32
561	1250	650	0	17.534	.000v	63.80	2.05
562	1300	650	0	17.527	.000v	60.40	1.17
563	1350	650	0	17.523	.000v	57.26	.57
564	1400	650	0	17.519	.000v	54.40	.14
565	1450	650	0	17.517	.000v	54.76	.00v
566	1500	650	0	17.515	.000v	51.94	.00v

567	1550	650	0	17.514	.000v	48.75	.00v
568	1600	650	0	17.513	.000v	46.86	.00v
569	1650	650	0	17.513	.000v	45.28	.00v
570	1700	650	0	17.512	.000v	45.91	.04
571	1750	650	0	17.511	.000v	42.75	.21
572	1800	650	0	17.511	.000v	43.42	.76
573	1850	650	0	17.512	.000v	42.75	1.20
574	1900	650	0	17.513	.000v	39.88	1.67
575	1950	650	0	17.514	.000v	39.09	1.97
576	2000	650	0	17.516	.000v	40.12	2.62
577	2050	650	0	17.519	.000v	32.39	3.31
578	2100	650	0	17.522	.000v	30.53	4.25
579	2150	650	0	17.525	.000v	28.14	5.17
580	2200	650	0	17.528	.000v	21.06	6.08
581	2250	650	0	17.530	.000v	14.30	7.00
582	2300	650	0	17.533	.000v	14.62	7.76
583	2350	650	0	17.535	.000v	14.44	8.39
584	2400	650	0	17.536	.000v	14.78	9.13
585	2450	650	0	17.538	.000v	14.80	9.81
586	2500	650	0	17.539	.000v	15.09	10.08
587	2550	650	0	17.540	.000v	14.95	10.18
588	2600	650	0	17.541	.000v	15.24	10.71
589	2650	650	0	17.542	.000v	15.25	10.76
590	2700	650	0	17.543	.000v	15.16	10.75
591	2750	650	0	17.544	.000v	15.50	11.37
592	2800	650	0	17.546	.000v	15.18	12.28
593	2850	650	0	17.549	.000v	15.07	12.71
594	2900	650	0	17.555	.000v	15.56	13.56
595	2950	650	0	17.564	.000v	16.86	14.45
596	3000	650	0	17.579	.000v	18.78	16.77
597	3050	650	0	17.601	.000v	21.49	18.68
598	3100	650	0	17.634	.000v	25.64	21.62
599	3150	650	0	17.692	.000v	32.45	25.51
600	3200	650	0	17.808	.000v	46.23	31.68
601	3250	650	0	17.980	.000v	59.45	33.78
602	3300	650	0	18.033	.000v	55.76	30.42
603	3350	650	0	18.101	.000v	64.75	33.01
604	3400	650	0	18.068	.000v	53.28	34.38
605	3450	650	0	18.062	.000v	62.46	34.42
606	3500	650	0	17.913	.000v	45.00	37.77
607	3550	650	0	17.767	.000v	35.85	25.37
608	3600	650	0	17.680	.000v	26.42	20.74
609	3650	650	0	17.629	.000v	22.04	17.54
610	3700	650	0	17.594	.000v	18.87	14.98
611	3750	650	0	17.566	.000v	16.36	12.84
612	3800	650	0	17.545	.000v	14.22	9.08
613	3850	650	0	17.530	.000v	12.50	6.36
614	3900	650	0	17.519	.000v	11.41	3.53
615	3950	650	0	17.513	.000v	9.71	1.76
616	4000	650	0	17.508	.000v	8.34	.43
617	200	700	0	17.522	.000v	56.16	.04
618	250	700	0	17.534	.000v	69.06	.85
619	300	700	0	17.561	.000v	78.82	4.46
620	350	700	0	17.622	.000v	83.20	16.57
621	400	700	0	17.726	.000v	89.50	31.72
622	450	700	0	17.831	.000v	92.80	46.98
623	500	700	0	17.921	.000v	98.47	61.79
624	550	700	0	17.993	.000v	106.57	73.84
625	600	700	0	18.089	.000v	118.48	80.31
626	650	700	0	18.182	.000v	125.91	85.60
627	700	700	0	18.276	.000v	131.29	95.15

628	750	700	0	18.358	.000v	146.70	97.50
629	800	700	0	18.471	.000v	160.56	107.97
630	850	700	0	18.544	.000v	174.31	96.27
631	900	700	0	18.672	.000v	194.22	101.73
632	950	700	0	18.686	.000v	214.28	91.62
633	1000	700	0	18.713	.000v	234.16	98.33
634	1050	700	0	18.288	.000v	240.85	73.46
635	1100	700	0	17.734	.000v	182.80	24.22
636	1150	700	0	17.611	.000v	146.36	12.35
637	1200	700	0	17.575	.000v	129.66	6.43
638	1250	700	0	17.558	.000v	117.00	3.40
639	1300	700	0	17.547	.000v	107.92	1.67
640	1350	700	0	17.540	.000v	102.32	.78
641	1400	700	0	17.534	.000v	95.51	.26
642	1450	700	0	17.530	.000v	86.39	.07
643	1500	700	0	17.527	.000v	80.67	.00v
644	1550	700	0	17.525	.000v	74.25	.00v
645	1600	700	0	17.523	.000v	74.01	.00v
646	1650	700	0	17.521	.000v	69.61	.04
647	1700	700	0	17.520	.000v	66.56	.13
648	1750	700	0	17.519	.000v	63.15	.43
649	1800	700	0	17.518	.000v	59.43	1.20
650	1850	700	0	17.518	.000v	57.72	1.82
651	1900	700	0	17.519	.000v	55.24	2.71
652	1950	700	0	17.523	.000v	54.05	3.23
653	2000	700	0	17.527	.000v	51.90	4.22
654	2050	700	0	17.532	.000v	44.49	5.40
655	2100	700	0	17.537	.000v	36.33	6.60
656	2150	700	0	17.542	.000v	29.81	7.89
657	2200	700	0	17.547	.000v	20.73	9.33
658	2250	700	0	17.551	.000v	19.33	10.32
659	2300	700	0	17.555	.000v	19.09	11.57
660	2350	700	0	17.559	.000v	19.03	12.71
661	2400	700	0	17.562	.000v	18.79	13.23
662	2450	700	0	17.564	.000v	18.57	13.83
663	2500	700	0	17.567	.000v	18.37	14.93
664	2550	700	0	17.568	.000v	18.68	15.48
665	2600	700	0	17.570	.000v	19.50	16.56
666	2650	700	0	17.572	.000v	19.88	16.46
667	2700	700	0	17.573	.000v	20.40	15.84
668	2750	700	0	17.576	.000v	21.02	15.95
669	2800	700	0	17.579	.000v	21.18	15.84
670	2850	700	0	17.585	.000v	20.92	16.32
671	2900	700	0	17.598	.000v	20.65	17.85
672	2950	700	0	17.624	.000v	24.26	20.37
673	3000	700	0	17.670	.000v	29.60	24.31
674	3050	700	0	17.763	.000v	44.42	29.23
675	3100	700	0	17.888	.000v	48.90	35.68
676	3150	700	0	18.016	.000v	67.08	36.36
677	3200	700	0	18.047	.000v	58.35	33.35
678	3250	700	0	18.081	.000v	70.78	36.31
679	3300	700	0	18.045	.000v	60.64	29.57
680	3350	700	0	17.993	.000v	68.79	31.86
681	3400	700	0	17.848	.000v	45.54	32.48
682	3450	700	0	17.727	.000v	30.58	23.40
683	3500	700	0	17.661	.000v	24.92	19.85
684	3550	700	0	17.621	.000v	20.71	17.14
685	3600	700	0	17.594	.000v	17.77	14.71
686	3650	700	0	17.572	.000v	15.36	13.19
687	3700	700	0	17.555	.000v	13.64	11.67
688	3750	700	0	17.542	.000v	12.19	9.58

689	3800	700	0	17.531	.000v	11.01	7.24
690	3850	700	0	17.523	.000v	10.01	5.09
691	3900	700	0	17.516	.000v	9.16	2.99
692	3950	700	0	17.510	.000v	8.03	1.34
693	4000	700	0	17.507	.000v	7.19	.36
694	200	750	0	17.516	.000v	43.23	.02
695	250	750	0	17.525	.000v	47.68	.75
696	300	750	0	17.541	.000v	50.01	3.20
697	350	750	0	17.569	.000v	53.26	9.65
698	400	750	0	17.606	.000v	53.59	17.45
699	450	750	0	17.646	.000v	55.49	27.63
700	500	750	0	17.681	.000v	58.72	36.18
701	550	750	0	17.712	.000v	60.96	41.97
702	600	750	0	17.738	.000v	63.55	49.47
703	650	750	0	17.761	.000v	65.15	53.15
704	700	750	0	17.780	.000v	66.94	55.70
705	750	750	0	17.799	.000v	71.03	56.42
706	800	750	0	17.820	.000v	76.72	59.57
707	850	750	0	17.844	.000v	79.66	60.66
708	900	750	0	17.861	.000v	87.35	63.39
709	950	750	0	17.872	.000v	91.17	58.82
710	1000	750	0	17.868	.000v	108.50	51.49
711	1050	750	0	17.828	.000v	142.37	41.98
712	1100	750	0	17.708	.000v	165.65	25.40
713	1150	750	0	17.646	.000v	194.08	17.57
714	1200	750	0	17.648	.000v	229.15	20.76
715	1250	750	0	17.652	.001	298.07	19.27
716	1300	750	0	17.609	.006	419.60	4.83
717	1350	750	0	17.604	.006^	742.01^	1.64
718	1400	750	0	17.592	.004	425.89	1.20
719	1450	750	0	17.606	.001	298.31	2.57
720	1500	750	0	17.598	.000v	229.28	1.39
721	1550	750	0	17.577	.000v	196.18	1.42
722	1600	750	0	17.564	.000v	165.65	1.58
723	1650	750	0	17.554	.000v	145.71	1.78
724	1700	750	0	17.548	.000v	132.31	1.93
725	1750	750	0	17.543	.000v	117.81	2.40
726	1800	750	0	17.538	.000v	109.96	2.45
727	1850	750	0	17.534	.000v	102.85	2.87
728	1900	750	0	17.537	.000v	92.86	4.49
729	1950	750	0	17.547	.000v	86.19	5.68
730	2000	750	0	17.559	.000v	70.01	7.22
731	2050	750	0	17.570	.000v	57.36	9.13
732	2100	750	0	17.581	.000v	47.43	10.96
733	2150	750	0	17.591	.000v	31.92	12.61
734	2200	750	0	17.601	.000v	27.52	14.46
735	2250	750	0	17.610	.000v	27.94	16.26
736	2300	750	0	17.620	.000v	27.77	18.27
737	2350	750	0	17.627	.000v	27.93	19.72
738	2400	750	0	17.634	.000v	27.71	21.46
739	2450	750	0	17.640	.000v	27.81	23.06
740	2500	750	0	17.645	.000v	27.63	24.42
741	2550	750	0	17.649	.000v	27.77	24.30
742	2600	750	0	17.653	.000v	28.38	24.21
743	2650	750	0	17.657	.000v	29.76	23.88
744	2700	750	0	17.661	.000v	30.95	23.82
745	2750	750	0	17.665	.000v	31.93	23.42
746	2800	750	0	17.671	.000v	32.50	23.37
747	2850	750	0	17.684	.000v	33.40	23.82
748	2900	750	0	17.739	.000v	35.40	27.73
749	2950	750	0	17.878	.000v	50.60	34.61

750	3000	750	0	17.994	.000v	54.78	32.77
751	3050	750	0	18.094	.000v	64.46	35.40
752	3100	750	0	18.087	.000v	55.53	33.16
753	3150	750	0	18.118	.000v	66.03	33.73
754	3200	750	0	18.047	.000v	53.33	38.91
755	3250	750	0	17.959	.000v	56.27	36.76
756	3300	750	0	17.785	.000v	37.15	28.33
757	3350	750	0	17.695	.000v	28.25	22.40
758	3400	750	0	17.645	.000v	23.20	19.02
759	3450	750	0	17.611	.000v	19.95	16.39
760	3500	750	0	17.589	.000v	17.26	14.60
761	3550	750	0	17.571	.000v	15.14	13.00
762	3600	750	0	17.558	.000v	13.54	11.81
763	3650	750	0	17.547	.000v	12.05	10.58
764	3700	750	0	17.537	.000v	10.70	9.38
765	3750	750	0	17.529	.000v	10.09	7.04
766	3800	750	0	17.523	.000v	8.95	5.87
767	3850	750	0	17.517	.000v	8.45	3.90
768	3900	750	0	17.512	.000v	7.40	2.16
769	3950	750	0	17.508	.000v	6.89	.90
770	4000	750	0	17.505	.000v	5.83	.17
771	200	800	0	17.512	.000v	31.78	.00v
772	250	800	0	17.519	.000v	35.50	.28
773	300	800	0	17.530	.000v	37.94	1.72
774	350	800	0	17.545	.000v	38.82	4.31
775	400	800	0	17.563	.000v	39.94	9.74
776	450	800	0	17.582	.000v	40.57	17.09
777	500	800	0	17.600	.000v	42.31	22.97
778	550	800	0	17.617	.000v	43.25	28.09
779	600	800	0	17.631	.000v	44.41	30.52
780	650	800	0	17.643	.000v	45.15	33.28
781	700	800	0	17.652	.000v	46.78	38.33
782	750	800	0	17.659	.000v	49.39	41.33
783	800	800	0	17.665	.000v	50.43	41.36
784	850	800	0	17.671	.000v	53.32	38.13
785	900	800	0	17.673	.000v	54.67	36.83
786	950	800	0	17.670	.000v	61.00	34.29
787	1000	800	0	17.658	.000v	64.98	30.17
788	1050	800	0	17.634	.000v	68.64	21.21
789	1100	800	0	17.602	.000v	73.05	14.56
790	1150	800	0	17.570	.000v	74.25	7.37
791	1200	800	0	17.555	.000v	83.28	5.11
792	1250	800	0	17.550	.000v	84.87	4.47
793	1300	800	0	17.549	.000v	93.49	4.32
794	1350	800	0	17.550	.000v	98.97	3.58
795	1400	800	0	17.552	.000v	108.30	3.31
796	1450	800	0	17.556	.000v	117.81	3.04
797	1500	800	0	17.562	.000v	129.66	1.94
798	1550	800	0	17.571	.000v	144.85	2.54
799	1600	800	0	17.582	.000v	165.63	3.86
800	1650	800	0	17.598	.000v	188.98	6.05
801	1700	800	0	17.624	.000v	228.09	8.86
802	1750	800	0	17.653	.001	299.02	12.78
803	1800	800	0	17.601	.002	398.23	10.25
804	1850	800	0	17.590	.003	666.78	6.88
805	1900	800	0	17.619	.000v	204.15	11.96
806	1950	800	0	17.690	.000v	129.04	16.59
807	2000	800	0	17.728	.000v	91.18	20.15
808	2050	800	0	17.782	.000v	66.46	23.26
809	2100	800	0	17.800	.000v	57.36	26.56
810	2150	800	0	17.846	.000v	67.82	27.64

811	2200	800	0	17.852	.000v	57.81	30.49
812	2250	800	0	17.892	.000v	67.48	30.86
813	2300	800	0	17.893	.000v	57.10	34.43
814	2350	800	0	17.928	.000v	66.90	33.17
815	2400	800	0	17.925	.000v	56.67	36.40
816	2450	800	0	17.956	.000v	66.68	33.45
817	2500	800	0	17.948	.000v	56.06	36.67
818	2550	800	0	17.976	.000v	65.18	34.85
819	2600	800	0	17.965	.000v	59.06	37.24
820	2650	800	0	17.991	.000v	67.39	35.85
821	2700	800	0	17.979	.000v	61.01	37.12
822	2750	800	0	18.004	.000v	69.33	37.12
823	2800	800	0	17.993	.000v	62.23	37.88
824	2850	800	0	18.023	.000v	70.21	38.47
825	2900	800	0	18.035	.000v	62.66	36.45
826	2950	800	0	18.086	.000v	70.19	37.63
827	3000	800	0	18.077	.000v	62.45	30.73
828	3050	800	0	18.079	.000v	69.54	34.06
829	3100	800	0	17.994	.000v	62.02	33.35
830	3150	800	0	17.868	.000v	50.44	31.31
831	3200	800	0	17.740	.000v	34.99	25.74
832	3250	800	0	17.671	.000v	27.51	21.10
833	3300	800	0	17.630	.000v	22.00	17.89
834	3350	800	0	17.603	.000v	18.53	15.93
835	3400	800	0	17.583	.000v	16.42	14.02
836	3450	800	0	17.568	.000v	14.32	12.77
837	3500	800	0	17.557	.000v	13.06	11.47
838	3550	800	0	17.548	.000v	11.66	10.49
839	3600	800	0	17.540	.000v	10.61	9.43
840	3650	800	0	17.533	.000v	9.71	8.53
841	3700	800	0	17.527	.000v	9.13	7.04
842	3750	800	0	17.521	.000v	7.98	5.63
843	3800	800	0	17.517	.000v	7.71	4.68
844	3850	800	0	17.513	.000v	6.75	2.72
845	3900	800	0	17.509	.000v	6.19	1.27
846	3950	800	0	17.507	.000v	5.40	.54
847	4000	800	0	17.504	.000v	4.70	.05
848	200	850	0	17.510	.000v	26.46	.00v
849	250	850	0	17.516	.000v	27.93	.04
850	300	850	0	17.523	.000v	30.23	.80
851	350	850	0	17.533	.000v	31.39	1.91
852	400	850	0	17.543	.000v	31.93	4.97
853	450	850	0	17.554	.000v	32.09	9.65
854	500	850	0	17.565	.000v	33.11	15.07
855	550	850	0	17.576	.000v	33.16	18.94
856	600	850	0	17.585	.000v	34.73	22.72
857	650	850	0	17.592	.000v	34.61	24.19
858	700	850	0	17.597	.000v	36.41	25.09
859	750	850	0	17.601	.000v	37.89	25.75
860	800	850	0	17.603	.000v	37.44	26.26
861	850	850	0	17.604	.000v	38.97	26.62
862	900	850	0	17.602	.000v	40.62	25.76
863	950	850	0	17.597	.000v	41.32	22.96
864	1000	850	0	17.588	.000v	46.17	18.87
865	1050	850	0	17.576	.000v	46.59	11.51
866	1100	850	0	17.562	.000v	49.74	7.20
867	1150	850	0	17.548	.000v	48.75	4.06
868	1200	850	0	17.537	.000v	51.75	2.55
869	1250	850	0	17.531	.000v	52.03	1.65
870	1300	850	0	17.528	.000v	57.78	.95
871	1350	850	0	17.527	.000v	57.72	.46

872	1400	850	0	17.527	.000v	59.76	.15
873	1450	850	0	17.527	.000v	63.80	.51
874	1500	850	0	17.528	.000v	66.22	.85
875	1550	850	0	17.530	.000v	70.15	.88
876	1600	850	0	17.531	.000v	71.75	1.97
877	1650	850	0	17.534	.000v	76.49	2.72
878	1700	850	0	17.537	.000v	80.27	3.66
879	1750	850	0	17.540	.000v	86.28	4.81
880	1800	850	0	17.544	.000v	93.23	6.00
881	1850	850	0	17.547	.000v	99.53	5.85
882	1900	850	0	17.559	.000v	111.93	5.99
883	1950	850	0	17.599	.000v	101.55	9.17
884	2000	850	0	17.654	.000v	83.24	12.23
885	2050	850	0	17.757	.000v	65.39	19.87
886	2100	850	0	17.842	.000v	50.21	27.33
887	2150	850	0	17.953	.000v	54.20	32.42
888	2200	850	0	17.995	.000v	52.34	30.97
889	2250	850	0	18.069	.000v	54.57	35.25
890	2300	850	0	18.067	.000v	52.34	32.37
891	2350	850	0	18.124	.000v	54.93	36.28
892	2400	850	0	18.108	.000v	52.79	33.31
893	2450	850	0	18.153	.000v	55.75	36.95
894	2500	850	0	18.123	.000v	53.28	33.91
895	2550	850	0	18.157	.000v	57.27	37.50
896	2600	850	0	18.120	.000v	54.63	34.46
897	2650	850	0	18.149	.000v	59.05	37.72
898	2700	850	0	18.109	.000v	54.70	34.94
899	2750	850	0	18.135	.000v	62.36	37.67
900	2800	850	0	18.093	.000v	55.75	34.96
901	2850	850	0	18.115	.000v	65.88	37.68
902	2900	850	0	18.071	.000v	54.79	37.53
903	2950	850	0	18.081	.000v	65.53	37.71
904	3000	850	0	17.948	.000v	53.01	40.88
905	3050	850	0	17.803	.000v	46.31	28.79
906	3100	850	0	17.705	.000v	34.93	23.67
907	3150	850	0	17.651	.000v	28.67	19.97
908	3200	850	0	17.618	.000v	23.41	17.55
909	3250	850	0	17.594	.000v	19.49	15.42
910	3300	850	0	17.577	.000v	16.01	13.87
911	3350	850	0	17.564	.000v	14.16	12.50
912	3400	850	0	17.555	.000v	12.75	11.34
913	3450	850	0	17.547	.000v	11.62	10.30
914	3500	850	0	17.540	.000v	10.35	9.26
915	3550	850	0	17.534	.000v	9.81	8.43
916	3600	850	0	17.528	.000v	8.69	7.38
917	3650	850	0	17.524	.000v	8.21	6.61
918	3700	850	0	17.519	.000v	7.38	5.18
919	3750	850	0	17.515	.000v	7.07	4.45
920	3800	850	0	17.512	.000v	6.13	3.12
921	3850	850	0	17.509	.000v	5.76	1.81
922	3900	850	0	17.507	.000v	4.94	.83
923	3950	850	0	17.505	.000v	4.33	.22
924	4000	850	0	17.503	.000v	3.36	.00v
925	200	900	0	17.508	.000v	20.08	.00v
926	250	900	0	17.512	.000v	21.83	.00v
927	300	900	0	17.518	.000v	24.61	.15
928	350	900	0	17.524	.000v	26.19	.93
929	400	900	0	17.531	.000v	26.03	1.71
930	450	900	0	17.538	.000v	27.15	4.27
931	500	900	0	17.545	.000v	27.07	8.08
932	550	900	0	17.552	.000v	28.22	12.61

933	600	900	0	17.559	.000v	28.35	14.78
934	650	900	0	17.564	.000v	29.28	16.94
935	700	900	0	17.568	.000v	29.82	19.88
936	750	900	0	17.570	.000v	29.86	20.26
937	800	900	0	17.571	.000v	30.08	20.66
938	850	900	0	17.570	.000v	30.64	20.45
939	900	900	0	17.567	.000v	35.86	16.69
940	950	900	0	17.563	.000v	32.98	14.60
941	1000	900	0	17.556	.000v	34.03	9.85
942	1050	900	0	17.550	.000v	36.01	6.33
943	1100	900	0	17.543	.000v	36.60	3.76
944	1150	900	0	17.535	.000v	38.02	2.31
945	1200	900	0	17.528	.000v	39.40	1.70
946	1250	900	0	17.522	.000v	40.66	1.08
947	1300	900	0	17.519	.000v	42.15	.51
948	1350	900	0	17.518	.000v	43.06	.19
949	1400	900	0	17.517	.000v	43.42	.04
950	1450	900	0	17.517	.000v	44.25	.03
951	1500	900	0	17.517	.000v	45.48	.10
952	1550	900	0	17.518	.000v	46.78	.30
953	1600	900	0	17.519	.000v	46.43	.63
954	1650	900	0	17.520	.000v	49.30	1.12
955	1700	900	0	17.521	.000v	51.17	1.83
956	1750	900	0	17.523	.000v	54.48	2.41
957	1800	900	0	17.524	.000v	58.52	2.96
958	1850	900	0	17.527	.000v	57.26	3.57
959	1900	900	0	17.533	.000v	59.67	4.65
960	1950	900	0	17.545	.000v	66.59	6.24
961	2000	900	0	17.562	.000v	59.98	8.13
962	2050	900	0	17.585	.000v	55.00	10.48
963	2100	900	0	17.613	.000v	40.58	13.12
964	2150	900	0	17.650	.000v	32.17	16.40
965	2200	900	0	17.695	.000v	37.42	19.49
966	2250	900	0	17.768	.000v	42.97	25.00
967	2300	900	0	17.846	.000v	47.03	30.69
968	2350	900	0	17.945	.000v	55.32	32.81
969	2400	900	0	18.005	.000v	52.41	32.96
970	2450	900	0	18.060	.000v	56.99	34.95
971	2500	900	0	18.040	.000v	51.69	33.96
972	2550	900	0	18.042	.000v	54.79	35.45
973	2600	900	0	17.995	.000v	54.35	33.71
974	2650	900	0	17.967	.000v	51.97	33.89
975	2700	900	0	17.914	.000v	48.65	33.11
976	2750	900	0	17.876	.000v	48.46	33.59
977	2800	900	0	17.834	.000v	46.50	31.72
978	2850	900	0	17.801	.000v	44.39	30.22
979	2900	900	0	17.764	.000v	39.78	28.92
980	2950	900	0	17.722	.000v	33.57	25.31
981	3000	900	0	17.671	.000v	30.07	22.04
982	3050	900	0	17.633	.000v	26.84	19.07
983	3100	900	0	17.606	.000v	23.60	16.60
984	3150	900	0	17.586	.000v	20.17	15.03
985	3200	900	0	17.571	.000v	17.09	13.51
986	3250	900	0	17.560	.000v	14.32	12.27
987	3300	900	0	17.552	.000v	12.36	11.09
988	3350	900	0	17.544	.000v	11.28	10.13
989	3400	900	0	17.538	.000v	10.48	9.20
990	3450	900	0	17.533	.000v	9.31	8.26
991	3500	900	0	17.528	.000v	8.84	7.48
992	3550	900	0	17.524	.000v	7.86	6.40
993	3600	900	0	17.520	.000v	7.21	5.41

994	3650	900	0	17.517	.000v	6.69	4.77
995	3700	900	0	17.514	.000v	6.19	4.13
996	3750	900	0	17.511	.000v	5.53	2.94
997	3800	900	0	17.509	.000v	5.10	1.95
998	3850	900	0	17.506	.000v	4.49	.82
999	3900	900	0	17.505	.000v	3.92	.27
1000	3950	900	0	17.503	.000v	3.17	.00v
1001	4000	900	0	17.502	.000v	1.82	.00v
1002	200	950	0	17.506	.000v	16.01	.00v
1003	250	950	0	17.510	.000v	17.60	.00v
1004	300	950	0	17.513	.000v	18.44	.00v
1005	350	950	0	17.518	.000v	20.40	.15
1006	400	950	0	17.522	.000v	21.18	.69
1007	450	950	0	17.527	.000v	22.15	1.19
1008	500	950	0	17.532	.000v	22.41	3.16
1009	550	950	0	17.537	.000v	23.39	5.25
1010	600	950	0	17.541	.000v	23.79	9.21
1011	650	950	0	17.545	.000v	24.18	11.21
1012	700	950	0	17.548	.000v	24.57	12.67
1013	750	950	0	17.550	.000v	24.80	13.18
1014	800	950	0	17.550	.000v	25.41	13.19
1015	850	950	0	17.549	.000v	25.77	12.25
1016	900	950	0	17.546	.000v	26.38	9.61
1017	950	950	0	17.543	.000v	28.16	7.15
1018	1000	950	0	17.539	.000v	29.46	4.84
1019	1050	950	0	17.534	.000v	28.51	2.62
1020	1100	950	0	17.530	.000v	31.24	1.70
1021	1150	950	0	17.525	.000v	32.04	1.32
1022	1200	950	0	17.521	.000v	32.02	.91
1023	1250	950	0	17.517	.000v	32.15	.55
1024	1300	950	0	17.514	.000v	32.60	.23
1025	1350	950	0	17.512	.000v	33.14	.02
1026	1400	950	0	17.511	.000v	33.93	.00v
1027	1450	950	0	17.511	.000v	35.24	.00v
1028	1500	950	0	17.511	.000v	34.71	.00v
1029	1550	950	0	17.512	.000v	37.66	.00v
1030	1600	950	0	17.512	.000v	37.65	.12
1031	1650	950	0	17.513	.000v	37.74	.39
1032	1700	950	0	17.514	.000v	37.95	.85
1033	1750	950	0	17.515	.000v	39.28	1.27
1034	1800	950	0	17.516	.000v	40.45	1.97
1035	1850	950	0	17.518	.000v	40.42	2.68
1036	1900	950	0	17.522	.000v	42.86	3.60
1037	1950	950	0	17.527	.000v	43.62	4.76
1038	2000	950	0	17.535	.000v	44.48	6.09
1039	2050	950	0	17.545	.000v	40.88	7.57
1040	2100	950	0	17.558	.000v	35.04	9.25
1041	2150	950	0	17.572	.000v	29.65	11.23
1042	2200	950	0	17.589	.000v	23.50	13.22
1043	2250	950	0	17.608	.000v	26.82	15.43
1044	2300	950	0	17.631	.000v	28.84	17.44
1045	2350	950	0	17.657	.000v	31.42	20.61
1046	2400	950	0	17.688	.000v	33.64	22.89
1047	2450	950	0	17.718	.000v	31.44	26.85
1048	2500	950	0	17.717	.000v	30.71	26.24
1049	2550	950	0	17.700	.000v	31.51	24.44
1050	2600	950	0	17.684	.000v	29.73	23.06
1051	2650	950	0	17.671	.000v	28.14	21.82
1052	2700	950	0	17.658	.000v	27.21	20.68
1053	2750	950	0	17.645	.000v	27.14	19.47
1054	2800	950	0	17.635	.000v	26.93	18.77

1055	2850	950	0	17.626	.000v	25.67	18.31
1056	2900	950	0	17.617	.000v	22.95	18.30
1057	2950	950	0	17.605	.000v	20.81	17.54
1058	3000	950	0	17.591	.000v	19.49	16.17
1059	3050	950	0	17.577	.000v	18.39	14.50
1060	3100	950	0	17.565	.000v	16.72	13.25
1061	3150	950	0	17.556	.000v	14.96	11.96
1062	3200	950	0	17.548	.000v	13.13	10.92
1063	3250	950	0	17.542	.000v	11.33	9.97
1064	3300	950	0	17.536	.000v	10.10	8.89
1065	3350	950	0	17.531	.000v	9.46	8.07
1066	3400	950	0	17.527	.000v	8.51	6.91
1067	3450	950	0	17.523	.000v	8.11	6.21
1068	3500	950	0	17.520	.000v	7.21	5.22
1069	3550	950	0	17.517	.000v	6.80	4.58
1070	3600	950	0	17.514	.000v	6.00	4.06
1071	3650	950	0	17.512	.000v	5.46	3.40
1072	3700	950	0	17.509	.000v	4.96	2.73
1073	3750	950	0	17.507	.000v	4.40	1.91
1074	3800	950	0	17.505	.000v	3.83	.78
1075	3850	950	0	17.504	.000v	3.01	.10
1076	3900	950	0	17.502	.000v	2.29	.00v
1077	3950	950	0	17.501	.000v	1.46	.00v
1078	4000	950	0	17.500	.000v	.96	.00v
1079	200	1000	0	17.504	.000v	10.97	.00v
1080	250	1000	0	17.506	.000v	12.96	.00v
1081	300	1000	0	17.509	.000v	14.83	.00v
1082	350	1000	0	17.512	.000v	15.82	.00v
1083	400	1000	0	17.516	.000v	16.69	.00v
1084	450	1000	0	17.519	.000v	18.68	.30
1085	500	1000	0	17.522	.000v	18.20	.58
1086	550	1000	0	17.526	.000v	19.53	1.71
1087	600	1000	0	17.529	.000v	19.63	3.55
1088	650	1000	0	17.532	.000v	19.99	5.78
1089	700	1000	0	17.534	.000v	20.10	7.31
1090	750	1000	0	17.535	.000v	20.50	7.83
1091	800	1000	0	17.534	.000v	20.93	6.78
1092	850	1000	0	17.533	.000v	21.00	5.24
1093	900	1000	0	17.531	.000v	21.95	3.51
1094	950	1000	0	17.529	.000v	22.52	2.83
1095	1000	1000	0	17.526	.000v	23.54	1.34
1096	1050	1000	0	17.524	.000v	23.69	.96
1097	1100	1000	0	17.521	.000v	25.75	.81
1098	1150	1000	0	17.518	.000v	24.96	.59
1099	1200	1000	0	17.515	.000v	25.51	.34
1100	1250	1000	0	17.512	.000v	27.18	.11
1101	1300	1000	0	17.510	.000v	29.32	.00v
1102	1350	1000	0	17.508	.000v	28.78	.00v
1103	1400	1000	0	17.508	.000v	30.14	.00v
1104	1450	1000	0	17.507	.000v	28.72	.00v
1105	1500	1000	0	17.508	.000v	30.39	.00v
1106	1550	1000	0	17.508	.000v	29.94	.00v
1107	1600	1000	0	17.508	.000v	31.24	.01
1108	1650	1000	0	17.509	.000v	31.78	.06
1109	1700	1000	0	17.509	.000v	31.03	.35
1110	1750	1000	0	17.510	.000v	32.14	.83
1111	1800	1000	0	17.511	.000v	31.82	1.30
1112	1850	1000	0	17.513	.000v	34.43	2.07
1113	1900	1000	0	17.515	.000v	32.92	2.82
1114	1950	1000	0	17.519	.000v	33.56	3.59
1115	2000	1000	0	17.523	.000v	32.97	4.63

1116	2050	1000	0	17.529	.000v	29.98	5.89
1117	2100	1000	0	17.536	.000v	27.83	6.88
1118	2150	1000	0	17.543	.000v	20.71	8.33
1119	2200	1000	0	17.552	.000v	18.84	9.62
1120	2250	1000	0	17.561	.000v	19.08	10.94
1121	2300	1000	0	17.572	.000v	20.29	12.57
1122	2350	1000	0	17.582	.000v	21.20	14.44
1123	2400	1000	0	17.593	.000v	20.79	16.02
1124	2450	1000	0	17.601	.000v	19.72	18.15
1125	2500	1000	0	17.604	.000v	19.44	18.34
1126	2550	1000	0	17.601	.000v	20.22	17.44
1127	2600	1000	0	17.597	.000v	20.43	16.70
1128	2650	1000	0	17.592	.000v	19.66	16.03
1129	2700	1000	0	17.587	.000v	18.78	15.31
1130	2750	1000	0	17.582	.000v	18.89	14.75
1131	2800	1000	0	17.578	.000v	18.69	14.46
1132	2850	1000	0	17.574	.000v	17.99	14.18
1133	2900	1000	0	17.569	.000v	16.87	13.66
1134	2950	1000	0	17.563	.000v	14.99	13.35
1135	3000	1000	0	17.557	.000v	14.45	12.70
1136	3050	1000	0	17.551	.000v	13.59	11.65
1137	3100	1000	0	17.544	.000v	12.78	10.61
1138	3150	1000	0	17.539	.000v	11.48	9.67
1139	3200	1000	0	17.534	.000v	10.39	8.80
1140	3250	1000	0	17.530	.000v	9.04	7.67
1141	3300	1000	0	17.526	.000v	8.58	6.88
1142	3350	1000	0	17.522	.000v	7.66	5.85
1143	3400	1000	0	17.519	.000v	7.17	5.06
1144	3450	1000	0	17.516	.000v	6.48	4.51
1145	3500	1000	0	17.513	.000v	6.07	3.92
1146	3550	1000	0	17.511	.000v	5.37	3.01
1147	3600	1000	0	17.509	.000v	4.93	2.49
1148	3650	1000	0	17.507	.000v	4.05	1.73
1149	3700	1000	0	17.505	.000v	3.69	1.03
1150	3750	1000	0	17.504	.000v	2.86	.40
1151	3800	1000	0	17.502	.000v	2.02	.01
1152	3850	1000	0	17.501	.000v	1.33	.00v
1153	3900	1000	0	17.500	.000v	.80	.00v
1154	3950	1000	0	17.500	.000v	.28	.00v
1155	4000	1000	0	17.500v	.000v	.01v	.00v
	wartosci srednie			17.610	.000	39.71	11.62

ZANIECZYSZCZENIE NR 3 - benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.000 [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	200	300	0	2.0003	.000v	.936	.000v
2	250	300	0	2.0004	.000v	1.088	.000v
3	300	300	0	2.0006	.000v	1.350	.000v
4	350	300	0	2.0007	.000v	1.385	.000v
5	400	300	0	2.0008	.000v	1.566	.000v
6	450	300	0	2.0009	.000v	1.546	.000v
7	500	300	0	2.0010	.000v	1.527	.000v
8	550	300	0	2.0011	.000v	1.545	.000v
9	600	300	0	2.0012	.000v	1.543	.000v
10	650	300	0	2.0013	.000v	1.512	.000v

11	700	300	0	2.0013	.000v	1.486	.000v
12	750	300	0	2.0013	.000v	1.458	.000v
13	800	300	0	2.0012	.000v	1.438	.000v
14	850	300	0	2.0011	.000v	1.381	.000v
15	900	300	0	2.0009	.000v	1.362	.000v
16	950	300	0	2.0008	.000v	1.317	.000v
17	1000	300	0	2.0007	.000v	1.289	.000v
18	1050	300	0	2.0006	.000v	1.249	.000v
19	1100	300	0	2.0005	.000v	1.135	.000v
20	1150	300	0	2.0004	.000v	1.018	.000v
21	1200	300	0	2.0003	.000v	.964	.000v
22	1250	300	0	2.0002	.000v	.931	.000v
23	1300	300	0	2.0001	.000v	.915	.000v
24	1350	300	0	2.0000	.000v	.905	.000v
25	1400	300	0	2.0000	.000v	.888	.000v
26	1450	300	0	2.0000	.000v	.879	.000v
27	1500	300	0	2.0000	.000v	.866	.000v
28	1550	300	0	2.0000	.000v	.853	.000v
29	1600	300	0	2.0000	.000v	.843	.000v
30	1650	300	0	2.0000	.000v	.828	.000v
31	1700	300	0	2.0000	.000v	.820	.000v
32	1750	300	0	2.0000	.000v	.808	.000v
33	1800	300	0	2.0000	.000v	.894	.000v
34	1850	300	0	2.0000	.000v	.887	.000v
35	1900	300	0	2.0000	.000v	.870	.000v
36	1950	300	0	2.0000	.000v	.012	.000v
37	2000	300	0	2.0000	.000v	.012	.000v
38	2050	300	0	2.0000	.000v	.013	.000v
39	2100	300	0	2.0000	.000v	.015	.000v
40	2150	300	0	2.0000	.000v	.017	.000v
41	2200	300	0	2.0000	.000v	.020	.000v
42	2250	300	0	2.0000	.000v	.022	.000v
43	2300	300	0	2.0000	.000v	.025	.000v
44	2350	300	0	2.0000	.000v	.027	.000v
45	2400	300	0	2.0000	.000v	.030	.000v
46	2450	300	0	2.0000	.000v	.032	.000v
47	2500	300	0	2.0000	.000v	.035	.000v
48	2550	300	0	2.0000	.000v	.038	.000v
49	2600	300	0	2.0000	.000v	.040	.000v
50	2650	300	0	2.0000	.000v	.043	.000v
51	2700	300	0	2.0000	.000v	.046	.000v
52	2750	300	0	2.0000	.000v	.048	.000v
53	2800	300	0	2.0000	.000v	.062	.000v
54	2850	300	0	2.0001	.000v	.105	.000v
55	2900	300	0	2.0001	.000v	.150	.000v
56	2950	300	0	2.0002	.000v	.213	.000v
57	3000	300	0	2.0002	.000v	.259	.000v
58	3050	300	0	2.0003	.000v	.315	.000v
59	3100	300	0	2.0004	.000v	.357	.001
60	3150	300	0	2.0005	.000v	.391	.004
61	3200	300	0	2.0006	.000v	.440	.009
62	3250	300	0	2.0006	.000v	.465	.020
63	3300	300	0	2.0007	.000v	.497	.064
64	3350	300	0	2.0008	.000v	.528	.109
65	3400	300	0	2.0009	.000v	.569	.130
66	3450	300	0	2.0010	.000v	.608	.192
67	3500	300	0	2.0011	.000v	.628	.232
68	3550	300	0	2.0012	.000v	.680	.276
69	3600	300	0	2.0013	.000v	.720	.287
70	3650	300	0	2.0014	.000v	.770	.280
71	3700	300	0	2.0014	.000v	.821	.254

72	3750	300	0	2.0013	.000v	.897	.180
73	3800	300	0	2.0012	.000v	.992	.122
74	3850	300	0	2.0011	.000v	1.073	.078
75	3900	300	0	2.0008	.000v	1.208	.061
76	3950	300	0	2.0005	.000v	1.252	.025
77	4000	300	0	2.0003	.000v	1.046	.006
78	200	350	0	2.0004	.000v	1.317	.000v
79	250	350	0	2.0006	.000v	1.538	.000v
80	300	350	0	2.0008	.000v	1.674	.000v
81	350	350	0	2.0010	.000v	1.814	.000v
82	400	350	0	2.0012	.000v	1.896	.000v
83	450	350	0	2.0014	.000v	1.904	.000v
84	500	350	0	2.0015	.000v	1.902	.010
85	550	350	0	2.0017	.000v	1.862	.031
86	600	350	0	2.0018	.000v	1.892	.057
87	650	350	0	2.0020	.000v	1.830	.073
88	700	350	0	2.0020	.000v	1.834	.073
89	750	350	0	2.0019	.000v	1.778	.066
90	800	350	0	2.0018	.000v	1.760	.046
91	850	350	0	2.0016	.000v	1.689	.033
92	900	350	0	2.0014	.000v	1.670	.015
93	950	350	0	2.0012	.000v	1.617	.000v
94	1000	350	0	2.0010	.000v	1.607	.000v
95	1050	350	0	2.0009	.000v	1.621	.000v
96	1100	350	0	2.0008	.000v	1.551	.000v
97	1150	350	0	2.0006	.000v	1.482	.000v
98	1200	350	0	2.0004	.000v	1.531	.000v
99	1250	350	0	2.0003	.000v	1.553	.000v
100	1300	350	0	2.0002	.000v	1.533	.000v
101	1350	350	0	2.0001	.000v	1.481	.000v
102	1400	350	0	2.0001	.000v	.934	.000v
103	1450	350	0	2.0001	.000v	.917	.000v
104	1500	350	0	2.0000	.000v	.904	.000v
105	1550	350	0	2.0000	.000v	1.458	.000v
106	1600	350	0	2.0001	.000v	.975	.000v
107	1650	350	0	2.0000	.000v	.956	.000v
108	1700	350	0	2.0000	.000v	.945	.000v
109	1750	350	0	2.0000	.000v	.931	.000v
110	1800	350	0	2.0000	.000v	.915	.000v
111	1850	350	0	2.0000	.000v	.905	.000v
112	1900	350	0	2.0000	.000v	.886	.000v
113	1950	350	0	2.0000	.000v	.854	.000v
114	2000	350	0	2.0000	.000v	.814	.000v
115	2050	350	0	2.0001	.000v	.860	.000v
116	2100	350	0	2.0001	.000v	.138	.000v
117	2150	350	0	2.0001	.000v	.146	.000v
118	2200	350	0	2.0001	.000v	.148	.000v
119	2250	350	0	2.0001	.000v	.154	.000v
120	2300	350	0	2.0001	.000v	.156	.000v
121	2350	350	0	2.0001	.000v	.162	.000v
122	2400	350	0	2.0001	.000v	.164	.000v
123	2450	350	0	2.0001	.000v	.170	.000v
124	2500	350	0	2.0001	.000v	.172	.000v
125	2550	350	0	2.0001	.000v	.177	.000v
126	2600	350	0	2.0001	.000v	.179	.000v
127	2650	350	0	2.0001	.000v	.185	.000v
128	2700	350	0	2.0001	.000v	.187	.000v
129	2750	350	0	2.0001	.000v	.193	.000v
130	2800	350	0	2.0002	.000v	.195	.000v
131	2850	350	0	2.0002	.000v	.238	.000v
132	2900	350	0	2.0003	.000v	.297	.000v

133	2950	350	0	2.0004	.000v	.368	.001
134	3000	350	0	2.0005	.000v	.405	.004
135	3050	350	0	2.0005	.000v	.440	.010
136	3100	350	0	2.0006	.000v	.468	.015
137	3150	350	0	2.0007	.000v	.511	.047
138	3200	350	0	2.0008	.000v	.534	.088
139	3250	350	0	2.0009	.000v	.568	.148
140	3300	350	0	2.0011	.000v	.603	.217
141	3350	350	0	2.0012	.000v	.650	.290
142	3400	350	0	2.0014	.000v	.685	.331
143	3450	350	0	2.0015	.000v	.739	.371
144	3500	350	0	2.0017	.000v	.773	.407
145	3550	350	0	2.0018	.000v	.830	.455
146	3600	350	0	2.0020	.000v	.911	.485
147	3650	350	0	2.0022	.000v	.982	.507
148	3700	350	0	2.0024	.000v	1.064	.493
149	3750	350	0	2.0025	.000v	1.192	.403
150	3800	350	0	2.0025	.000v	1.322	.332
151	3850	350	0	2.0021	.000v	1.567	.270
152	3900	350	0	2.0014	.000v	1.783	.099
153	3950	350	0	2.0007	.000v	1.654	.042
154	4000	350	0	2.0004	.000v	1.265	.017
155	200	400	0	2.0005	.000v	1.733	.000v
156	250	400	0	2.0007	.000v	2.115	.000v
157	300	400	0	2.0011	.000v	2.186	.000v
158	350	400	0	2.0014	.000v	2.286	.000v
159	400	400	0	2.0017	.000v	2.358	.003
160	450	400	0	2.0020	.000v	2.372	.028
161	500	400	0	2.0023	.000v	2.370	.079
162	550	400	0	2.0025	.000v	2.273	.119
163	600	400	0	2.0027	.000v	2.261	.142
164	650	400	0	2.0028	.000v	2.182	.145
165	700	400	0	2.0029	.000v	2.180	.144
166	750	400	0	2.0028	.000v	2.119	.138
167	800	400	0	2.0026	.000v	2.094	.131
168	850	400	0	2.0024	.000v	2.060	.121
169	900	400	0	2.0021	.000v	2.008	.103
170	950	400	0	2.0018	.000v	1.952	.077
171	1000	400	0	2.0015	.000v	1.940	.046
172	1050	400	0	2.0013	.000v	1.855	.015
173	1100	400	0	2.0011	.000v	1.771	.000v
174	1150	400	0	2.0009	.000v	1.768	.000v
175	1200	400	0	2.0006	.000v	1.615	.000v
176	1250	400	0	2.0005	.000v	1.649	.000v
177	1300	400	0	2.0003	.000v	1.674	.000v
178	1350	400	0	2.0002	.000v	1.600	.000v
179	1400	400	0	2.0002	.000v	1.591	.000v
180	1450	400	0	2.0001	.000v	1.584	.000v
181	1500	400	0	2.0001	.000v	1.555	.000v
182	1550	400	0	2.0001	.000v	1.586	.000v
183	1600	400	0	2.0001	.000v	1.592	.000v
184	1650	400	0	2.0001	.000v	1.591	.000v
185	1700	400	0	2.0001	.000v	1.581	.000v
186	1750	400	0	2.0001	.000v	1.560	.000v
187	1800	400	0	2.0001	.000v	1.507	.000v
188	1850	400	0	2.0001	.000v	1.497	.000v
189	1900	400	0	2.0001	.000v	.926	.000v
190	1950	400	0	2.0001	.000v	1.479	.000v
191	2000	400	0	2.0001	.000v	.926	.000v
192	2050	400	0	2.0001	.000v	.864	.000v
193	2100	400	0	2.0002	.000v	.801	.000v

194	2150	400	0	2.0002	.000v	.246	.000v
195	2200	400	0	2.0002	.000v	.278	.000v
196	2250	400	0	2.0002	.000v	.289	.000v
197	2300	400	0	2.0002	.000v	.307	.000v
198	2350	400	0	2.0003	.000v	.312	.000v
199	2400	400	0	2.0003	.000v	.318	.000v
200	2450	400	0	2.0003	.000v	.320	.000v
201	2500	400	0	2.0003	.000v	.328	.000v
202	2550	400	0	2.0003	.000v	.327	.000v
203	2600	400	0	2.0003	.000v	.331	.000
204	2650	400	0	2.0003	.000v	.336	.001
205	2700	400	0	2.0003	.000v	.333	.008
206	2750	400	0	2.0004	.000v	.340	.013
207	2800	400	0	2.0004	.000v	.345	.013
208	2850	400	0	2.0005	.000v	.392	.041
209	2900	400	0	2.0006	.000v	.429	.061
210	2950	400	0	2.0007	.000v	.456	.068
211	3000	400	0	2.0007	.000v	.510	.098
212	3050	400	0	2.0008	.000v	.532	.102
213	3100	400	0	2.0009	.000v	.567	.135
214	3150	400	0	2.0011	.000v	.613	.216
215	3200	400	0	2.0012	.000v	.649	.273
216	3250	400	0	2.0014	.000v	.690	.355
217	3300	400	0	2.0016	.000v	.730	.415
218	3350	400	0	2.0018	.000v	.779	.489
219	3400	400	0	2.0020	.000v	.826	.551
220	3450	400	0	2.0022	.000v	.897	.586
221	3500	400	0	2.0025	.000v	.980	.635
222	3550	400	0	2.0029	.000v	1.059	.683
223	3600	400	0	2.0034	.000v	1.189	.729
224	3650	400	0	2.0041	.000v	1.303	.799
225	3700	400	0	2.0049	.000v	1.525	.850
226	3750	400	0	2.0058	.000v	1.804	.825
227	3800	400	0	2.0069	.000v	2.168	.803
228	3850	400	0	2.0074	.000v	2.922	.738
229	3900	400	0	2.0023	.000v	2.682	.213
230	3950	400	0	2.0011	.000v	1.845	.077
231	4000	400	0	2.0006	.000v	1.341	.037
232	200	450	0	2.0005	.000v	2.243	.000v
233	250	450	0	2.0009	.000v	2.639	.000v
234	300	450	0	2.0013	.000v	2.875	.000v
235	350	450	0	2.0019	.000v	3.026	.015
236	400	450	0	2.0024	.000v	3.101	.084
237	450	450	0	2.0030	.000v	2.975	.163
238	500	450	0	2.0034	.000v	2.851	.225
239	550	450	0	2.0039	.000v	2.791	.269
240	600	450	0	2.0041	.000v	2.707	.252
241	650	450	0	2.0042	.000v	2.717	.234
242	700	450	0	2.0041	.000v	2.619	.227
243	750	450	0	2.0041	.000v	2.605	.221
244	800	450	0	2.0038	.000v	2.521	.210
245	850	450	0	2.0035	.000v	2.480	.202
246	900	450	0	2.0031	.000v	2.401	.188
247	950	450	0	2.0026	.000v	2.381	.162
248	1000	450	0	2.0022	.000v	2.295	.135
249	1050	450	0	2.0019	.000v	2.246	.108
250	1100	450	0	2.0016	.000v	2.185	.076
251	1150	450	0	2.0012	.000v	2.041	.040
252	1200	450	0	2.0009	.000v	1.875	.011
253	1250	450	0	2.0007	.000v	1.772	.000v
254	1300	450	0	2.0005	.000v	1.802	.000v

255	1350	450	0	2.0004	.000v	1.772	.000v
256	1400	450	0	2.0003	.000v	1.755	.000v
257	1450	450	0	2.0002	.000v	1.797	.000v
258	1500	450	0	2.0002	.000v	1.705	.000v
259	1550	450	0	2.0002	.000v	1.700	.000v
260	1600	450	0	2.0002	.000v	1.686	.000v
261	1650	450	0	2.0002	.000v	1.700	.000v
262	1700	450	0	2.0002	.000v	1.679	.000v
263	1750	450	0	2.0002	.000v	1.681	.000v
264	1800	450	0	2.0002	.000v	1.685	.000v
265	1850	450	0	2.0002	.000v	1.644	.000v
266	1900	450	0	2.0002	.000v	1.565	.000v
267	1950	450	0	2.0002	.000v	1.581	.000v
268	2000	450	0	2.0003	.000v	1.447	.002
269	2050	450	0	2.0003	.000v	.886	.003
270	2100	450	0	2.0003	.000v	.893	.004
271	2150	450	0	2.0004	.000v	.813	.006
272	2200	450	0	2.0004	.000v	.396	.008
273	2250	450	0	2.0004	.000v	.433	.013
274	2300	450	0	2.0005	.000v	.454	.017
275	2350	450	0	2.0005	.000v	.479	.022
276	2400	450	0	2.0005	.000v	.495	.021
277	2450	450	0	2.0006	.000v	.484	.025
278	2500	450	0	2.0006	.000v	.496	.026
279	2550	450	0	2.0006	.000v	.511	.031
280	2600	450	0	2.0006	.000v	.489	.049
281	2650	450	0	2.0006	.000v	.498	.084
282	2700	450	0	2.0007	.000v	.479	.092
283	2750	450	0	2.0007	.000v	.481	.123
284	2800	450	0	2.0008	.000v	.468	.144
285	2850	450	0	2.0008	.000v	.507	.162
286	2900	450	0	2.0009	.000v	.541	.209
287	2950	450	0	2.0010	.000v	.588	.216
288	3000	450	0	2.0011	.000v	.615	.240
289	3050	450	0	2.0012	.000v	.652	.295
290	3100	450	0	2.0014	.000v	.689	.334
291	3150	450	0	2.0015	.000v	.752	.408
292	3200	450	0	2.0018	.000v	.786	.483
293	3250	450	0	2.0020	.000v	.844	.558
294	3300	450	0	2.0023	.000v	.923	.609
295	3350	450	0	2.0027	.000v	.986	.695
296	3400	450	0	2.0031	.000v	1.058	.775
297	3450	450	0	2.0037	.000v	1.175	.848
298	3500	450	0	2.0044	.000v	1.274	.960
299	3550	450	0	2.0055	.000v	1.477	1.067
300	3600	450	0	2.0070	.000v	1.706	1.230
301	3650	450	0	2.0094	.000v	2.057	1.395
302	3700	450	0	2.0143	.000v	2.669	1.586
303	3750	450	0	2.0231	.000v	3.658	1.794
304	3800	450	0	2.0265	.000v	4.119	1.495
305	3850	450	0	2.0121	.000v	3.429	.963
306	3900	450	0	2.0032	.000v	2.293	.352
307	3950	450	0	2.0014	.000v	1.669	.115
308	4000	450	0	2.0008	.000v	1.239	.048
309	200	500	0	2.0006	.000v	2.992	.000v
310	250	500	0	2.0010	.000v	3.445	.003
311	300	500	0	2.0017	.000v	3.878	.052
312	350	500	0	2.0026	.000v	4.083	.149
313	400	500	0	2.0037	.000v	4.199	.289
314	450	500	0	2.0050	.000v	4.101	.605
315	500	500	0	2.0061	.000v	3.924	.972

316	550	500	0	2.0068	.000v	3.811	1.121
317	600	500	0	2.0070	.000v	3.699	1.123
318	650	500	0	2.0069	.000v	3.568	1.029
319	700	500	0	2.0067	.000v	3.389	.998
320	750	500	0	2.0064	.000v	3.361	.920
321	800	500	0	2.0061	.000v	3.269	.809
322	850	500	0	2.0056	.000v	3.184	.722
323	900	500	0	2.0050	.000v	3.093	.594
324	950	500	0	2.0042	.000v	2.966	.418
325	1000	500	0	2.0034	.000v	2.907	.247
326	1050	500	0	2.0028	.000v	2.794	.194
327	1100	500	0	2.0022	.000v	2.759	.143
328	1150	500	0	2.0017	.000v	2.611	.100
329	1200	500	0	2.0012	.000v	2.357	.055
330	1250	500	0	2.0009	.000v	2.096	.018
331	1300	500	0	2.0007	.000v	2.030	.000v
332	1350	500	0	2.0006	.000v	2.137	.000v
333	1400	500	0	2.0004	.000v	1.953	.000v
334	1450	500	0	2.0004	.000v	2.111	.000v
335	1500	500	0	2.0003	.000v	1.994	.000v
336	1550	500	0	2.0003	.000v	2.018	.000v
337	1600	500	0	2.0003	.000v	2.027	.000v
338	1650	500	0	2.0003	.000v	1.771	.000v
339	1700	500	0	2.0003	.000v	1.809	.000v
340	1750	500	0	2.0003	.000v	1.772	.000v
341	1800	500	0	2.0003	.000v	1.775	.000v
342	1850	500	0	2.0003	.000v	1.765	.000
343	1900	500	0	2.0003	.000v	1.755	.003
344	1950	500	0	2.0004	.000v	1.606	.007
345	2000	500	0	2.0004	.000v	1.560	.011
346	2050	500	0	2.0005	.000v	1.505	.014
347	2100	500	0	2.0005	.000v	.905	.020
348	2150	500	0	2.0006	.000v	.894	.034
349	2200	500	0	2.0006	.000v	.802	.057
350	2250	500	0	2.0007	.000v	.567	.085
351	2300	500	0	2.0008	.000v	.579	.101
352	2350	500	0	2.0008	.000v	.584	.121
353	2400	500	0	2.0009	.000v	.613	.123
354	2450	500	0	2.0009	.000v	.600	.158
355	2500	500	0	2.0009	.000v	.626	.142
356	2550	500	0	2.0009	.000v	.626	.175
357	2600	500	0	2.0010	.000v	.616	.184
358	2650	500	0	2.0010	.000v	.608	.222
359	2700	500	0	2.0010	.000v	.597	.262
360	2750	500	0	2.0011	.000v	.589	.280
361	2800	500	0	2.0011	.000v	.580	.316
362	2850	500	0	2.0012	.000v	.613	.321
363	2900	500	0	2.0013	.000v	.638	.372
364	2950	500	0	2.0014	.000v	.706	.392
365	3000	500	0	2.0015	.000v	.728	.438
366	3050	500	0	2.0017	.000v	.786	.454
367	3100	500	0	2.0020	.000v	.834	.551
368	3150	500	0	2.0023	.000v	.895	.615
369	3200	500	0	2.0026	.000v	.963	.728
370	3250	500	0	2.0031	.000v	1.057	.837
371	3300	500	0	2.0037	.000v	1.172	.976
372	3350	500	0	2.0045	.000v	1.272	1.068
373	3400	500	0	2.0055	.000v	1.458	1.161
374	3450	500	0	2.0070	.000v	1.659	1.271
375	3500	500	0	2.0093	.000v	1.956	1.450
376	3550	500	0	2.0134	.000v	2.477	1.792

377	3600	500	0	2.0207	.000v	3.289	2.086
378	3650	500	0	2.0311	.000v	4.816	2.281
379	3700	500	0	2.0353	.000v	4.248	1.896
380	3750	500	0	2.0360	.000v	5.251	1.863
381	3800	500	0	2.0207	.000v	4.262	1.514
382	3850	500	0	2.0068	.000v	2.504	.692
383	3900	500	0	2.0029	.000v	1.846	.321
384	3950	500	0	2.0014	.000v	1.383	.127
385	4000	500	0	2.0008	.000v	1.041	.049
386	200	550	0	2.0009	.000v	3.918	.000v
387	250	550	0	2.0014	.000v	4.746	.017
388	300	550	0	2.0025	.000v	5.486	.172
389	350	550	0	2.0043	.000v	5.985	.409
390	400	550	0	2.0070	.000v	6.420	.891
391	450	550	0	2.0105	.000v	6.376	1.686
392	500	550	0	2.0136	.000v	6.067	2.332
393	550	550	0	2.0149	.000v	5.632	2.341
394	600	550	0	2.0144	.000v	5.501	2.354
395	650	550	0	2.0137	.000v	5.154	2.472
396	700	550	0	2.0130	.000v	4.957	2.432
397	750	550	0	2.0122	.000v	4.640	2.311
398	800	550	0	2.0112	.000v	4.596	2.192
399	850	550	0	2.0104	.000v	4.330	1.962
400	900	550	0	2.0093	.000v	4.250	1.516
401	950	550	0	2.0079	.000v	3.976	1.330
402	1000	550	0	2.0061	.000v	3.937	.950
403	1050	550	0	2.0046	.000v	3.774	.526
404	1100	550	0	2.0033	.000v	3.623	.282
405	1150	550	0	2.0023	.000v	3.387	.163
406	1200	550	0	2.0017	.000v	3.098	.100
407	1250	550	0	2.0013	.000v	2.679	.047
408	1300	550	0	2.0010	.000v	2.488	.016
409	1350	550	0	2.0008	.000v	2.430	.000v
410	1400	550	0	2.0007	.000v	2.484	.000v
411	1450	550	0	2.0006	.000v	2.395	.000v
412	1500	550	0	2.0005	.000v	2.338	.000v
413	1550	550	0	2.0004	.000v	2.403	.000v
414	1600	550	0	2.0004	.000v	2.343	.000v
415	1650	550	0	2.0004	.000v	2.245	.000v
416	1700	550	0	2.0004	.000v	2.258	.000v
417	1750	550	0	2.0004	.000v	2.081	.002
418	1800	550	0	2.0004	.000v	2.062	.008
419	1850	550	0	2.0005	.000v	2.176	.011
420	1900	550	0	2.0005	.000v	2.021	.017
421	1950	550	0	2.0005	.000v	2.120	.024
422	2000	550	0	2.0006	.000v	1.702	.046
423	2050	550	0	2.0007	.000v	2.018	.065
424	2100	550	0	2.0008	.000v	1.581	.084
425	2150	550	0	2.0009	.000v	1.494	.126
426	2200	550	0	2.0010	.000v	.867	.160
427	2250	550	0	2.0011	.000v	.772	.196
428	2300	550	0	2.0011	.000v	.722	.209
429	2350	550	0	2.0012	.000v	.736	.259
430	2400	550	0	2.0013	.000v	.738	.295
431	2450	550	0	2.0013	.000v	.756	.316
432	2500	550	0	2.0014	.000v	.757	.339
433	2550	550	0	2.0014	.000v	.774	.357
434	2600	550	0	2.0014	.000v	.760	.387
435	2650	550	0	2.0014	.000v	.748	.387
436	2700	550	0	2.0015	.000v	.746	.416
437	2750	550	0	2.0015	.000v	.721	.438

438	2800	550	0	2.0016	.000v	.721	.470
439	2850	550	0	2.0017	.000v	.704	.494
440	2900	550	0	2.0018	.000v	.763	.522
441	2950	550	0	2.0020	.000v	.807	.561
442	3000	550	0	2.0022	.000v	.879	.606
443	3050	550	0	2.0026	.000v	.960	.658
444	3100	550	0	2.0030	.000v	1.059	.766
445	3150	550	0	2.0036	.000v	1.153	.957
446	3200	550	0	2.0043	.000v	1.257	1.072
447	3250	550	0	2.0053	.000v	1.404	1.169
448	3300	550	0	2.0067	.000v	1.591	1.308
449	3350	550	0	2.0088	.000v	1.904	1.428
450	3400	550	0	2.0122	.000v	2.310	1.666
451	3450	550	0	2.0196	.000v	3.193	2.281
452	3500	550	0	2.0295	.000v	4.097	2.317
453	3550	550	0	2.0398	.000v	3.962	2.438
454	3600	550	0	2.0404	.000v	4.105	2.209
455	3650	550	0	2.0430	.000v	3.853	2.291
456	3700	550	0	2.0367	.000v	3.852	2.487
457	3750	550	0	2.0260	.000v	3.236	2.074
458	3800	550	0	2.0098	.000v	2.348	1.107
459	3850	550	0	2.0046	.000v	1.807	.602
460	3900	550	0	2.0023	.000v	1.405	.324
461	3950	550	0	2.0013	.000v	1.150	.136
462	4000	550	0	2.0008	.000v	.889	.047
463	200	600	0	2.0016	.000v	4.704	.000v
464	250	600	0	2.0024	.000v	6.365	.051
465	300	600	0	2.0043	.000v	7.853	.325
466	350	600	0	2.0093	.000v	9.670	1.131
467	400	600	0	2.0188	.000v	11.345	2.475
468	450	600	0	2.0335	.000v	13.397	4.328
469	500	600	0	2.0547	.000v	16.520	6.163
470	550	600	0	2.0523	.000v	12.966	6.280
471	600	600	0	2.0460	.000v	11.316	5.956
472	650	600	0	2.0395	.000v	10.060	5.556
473	700	600	0	2.0357	.000v	9.182	5.196
474	750	600	0	2.0315	.000v	8.419	4.763
475	800	600	0	2.0273	.000v	7.893	4.278
476	850	600	0	2.0240	.000v	7.291	3.844
477	900	600	0	2.0215	.000v	6.718	3.542
478	950	600	0	2.0185	.000v	6.436	2.911
479	1000	600	0	2.0137	.000v	6.211	2.267
480	1050	600	0	2.0088	.000v	5.818	1.317
481	1100	600	0	2.0054	.000v	5.465	.603
482	1150	600	0	2.0033	.000v	4.778	.285
483	1200	600	0	2.0023	.000v	4.185	.165
484	1250	600	0	2.0018	.000v	3.430	.099
485	1300	600	0	2.0014	.000v	3.347	.052
486	1350	600	0	2.0012	.000v	3.137	.016
487	1400	600	0	2.0010	.000v	3.018	.000v
488	1450	600	0	2.0008	.000v	2.967	.000v
489	1500	600	0	2.0007	.000v	2.974	.000v
490	1550	600	0	2.0007	.000v	2.852	.000v
491	1600	600	0	2.0006	.000v	2.823	.000v
492	1650	600	0	2.0006	.000v	2.824	.000v
493	1700	600	0	2.0006	.000v	2.636	.002
494	1750	600	0	2.0006	.000v	2.629	.009
495	1800	600	0	2.0006	.000v	2.528	.025
496	1850	600	0	2.0006	.000v	2.520	.037
497	1900	600	0	2.0007	.000v	2.464	.065
498	1950	600	0	2.0008	.000v	2.326	.079

499	2000	600	0	2.0008	.000v	2.337	.112
500	2050	600	0	2.0010	.000v	2.222	.141
501	2100	600	0	2.0011	.000v	2.079	.187
502	2150	600	0	2.0013	.000v	1.583	.242
503	2200	600	0	2.0014	.000v	1.437	.284
504	2250	600	0	2.0015	.000v	.887	.338
505	2300	600	0	2.0016	.000v	.887	.372
506	2350	600	0	2.0017	.000v	.913	.429
507	2400	600	0	2.0018	.000v	.902	.471
508	2450	600	0	2.0019	.000v	.905	.491
509	2500	600	0	2.0019	.000v	.915	.528
510	2550	600	0	2.0020	.000v	.923	.554
511	2600	600	0	2.0020	.000v	.914	.556
512	2650	600	0	2.0021	.000v	.933	.576
513	2700	600	0	2.0021	.000v	.926	.602
514	2750	600	0	2.0022	.000v	.909	.635
515	2800	600	0	2.0023	.000v	.904	.646
516	2850	600	0	2.0024	.000v	.884	.671
517	2900	600	0	2.0026	.000v	.921	.743
518	2950	600	0	2.0030	.000v	.986	.820
519	3000	600	0	2.0034	.000v	1.077	.855
520	3050	600	0	2.0041	.000v	1.171	1.012
521	3100	600	0	2.0050	.000v	1.350	1.149
522	3150	600	0	2.0063	.000v	1.522	1.274
523	3200	600	0	2.0081	.000v	1.793	1.427
524	3250	600	0	2.0110	.000v	2.163	1.613
525	3300	600	0	2.0162	.000v	2.816	1.990
526	3350	600	0	2.0266	.000v	4.110	2.419
527	3400	600	0	2.0343	.000v	4.115	2.608
528	3450	600	0	2.0406	.000v	5.190	2.643
529	3500	600	0	2.0406	.000v	4.434	2.207
530	3550	600	0	2.0408	.000v	5.317	2.356
531	3600	600	0	2.0340	.000v	4.459	2.308
532	3650	600	0	2.0242	.000v	3.203	2.138
533	3700	600	0	2.0149	.000v	2.188	1.635
534	3750	600	0	2.0093	.000v	1.754	1.267
535	3800	600	0	2.0055	.000v	1.472	.855
536	3850	600	0	2.0031	.000v	1.242	.548
537	3900	600	0	2.0018	.000v	1.078	.314
538	3950	600	0	2.0011	.000v	.915	.144
539	4000	600	0	2.0007	.000v	.759	.041
540	200	650	0	2.0019	.000v	5.058	.008
541	250	650	0	2.0033	.000v	6.828	.102
542	300	650	0	2.0067	.000v	9.974	.496
543	350	650	0	2.0260	.000v	13.891	2.695
544	400	650	0	2.0640	.000v	15.686	5.843
545	450	650	0	2.0795	.000v	15.564	7.000
546	500	650	0	2.1024	.000v	16.209	8.079
547	550	650	0	2.1043	.000v	15.916	7.746
548	600	650	0	2.1148^	.000v	15.750	8.508^
549	650	650	0	2.1068	.000v	15.073	7.896
550	700	650	0	2.1126	.000v	14.435	8.421
551	750	650	0	2.1024	.000v	15.072	7.683
552	800	650	0	2.1066	.000v	15.194	8.505
553	850	650	0	2.0922	.000v	15.733	7.107
554	900	650	0	2.0878	.000v	15.167	7.127
555	950	650	0	2.0713	.000v	13.939	7.057
556	1000	650	0	2.0557	.000v	13.124	6.674
557	1050	650	0	2.0210	.000v	11.187	2.727
558	1100	650	0	2.0094	.000v	8.670	1.066
559	1150	650	0	2.0051	.000v	6.918	.422

560	1200	650	0	2.0034	.000v	5.574	.249
561	1250	650	0	2.0026	.000v	4.785	.153
562	1300	650	0	2.0020	.000v	4.530	.087
563	1350	650	0	2.0017	.000v	4.295	.043
564	1400	650	0	2.0015	.000v	4.080	.010
565	1450	650	0	2.0013	.000v	4.107	.000v
566	1500	650	0	2.0011	.000v	3.896	.000v
567	1550	650	0	2.0010	.000v	3.656	.000v
568	1600	650	0	2.0010	.000v	3.515	.000v
569	1650	650	0	2.0009	.000v	3.396	.000v
570	1700	650	0	2.0009	.000v	3.443	.003
571	1750	650	0	2.0008	.000v	3.206	.016
572	1800	650	0	2.0008	.000v	3.256	.057
573	1850	650	0	2.0009	.000v	3.206	.090
574	1900	650	0	2.0009	.000v	2.991	.125
575	1950	650	0	2.0011	.000v	2.932	.148
576	2000	650	0	2.0012	.000v	3.009	.197
577	2050	650	0	2.0014	.000v	2.429	.248
578	2100	650	0	2.0016	.000v	2.290	.318
579	2150	650	0	2.0018	.000v	2.110	.388
580	2200	650	0	2.0021	.000v	1.580	.456
581	2250	650	0	2.0023	.000v	1.073	.525
582	2300	650	0	2.0024	.000v	1.096	.582
583	2350	650	0	2.0026	.000v	1.083	.629
584	2400	650	0	2.0027	.000v	1.108	.685
585	2450	650	0	2.0028	.000v	1.110	.736
586	2500	650	0	2.0029	.000v	1.132	.756
587	2550	650	0	2.0030	.000v	1.121	.763
588	2600	650	0	2.0031	.000v	1.143	.803
589	2650	650	0	2.0031	.000v	1.144	.807
590	2700	650	0	2.0032	.000v	1.137	.807
591	2750	650	0	2.0033	.000v	1.163	.853
592	2800	650	0	2.0034	.000v	1.138	.921
593	2850	650	0	2.0037	.000v	1.130	.953
594	2900	650	0	2.0041	.000v	1.167	1.017
595	2950	650	0	2.0048	.000v	1.264	1.084
596	3000	650	0	2.0059	.000v	1.408	1.258
597	3050	650	0	2.0075	.000v	1.612	1.401
598	3100	650	0	2.0101	.000v	1.923	1.622
599	3150	650	0	2.0144	.000v	2.434	1.913
600	3200	650	0	2.0231	.000v	3.467	2.376
601	3250	650	0	2.0360	.000v	4.459	2.533
602	3300	650	0	2.0400	.000v	4.182	2.282
603	3350	650	0	2.0451	.000v	4.856	2.476
604	3400	650	0	2.0426	.000v	3.996	2.578
605	3450	650	0	2.0421	.000v	4.684	2.582
606	3500	650	0	2.0310	.000v	3.375	2.833
607	3550	650	0	2.0200	.000v	2.689	1.903
608	3600	650	0	2.0135	.000v	1.982	1.556
609	3650	650	0	2.0097	.000v	1.653	1.316
610	3700	650	0	2.0070	.000v	1.415	1.123
611	3750	650	0	2.0049	.000v	1.227	.963
612	3800	650	0	2.0034	.000v	1.067	.681
613	3850	650	0	2.0022	.000v	.937	.477
614	3900	650	0	2.0015	.000v	.856	.265
615	3950	650	0	2.0009	.000v	.728	.132
616	4000	650	0	2.0006	.000v	.626	.033
617	200	700	0	2.0017	.000v	4.212	.003
618	250	700	0	2.0026	.000v	5.180	.064
619	300	700	0	2.0045	.000v	5.912	.335
620	350	700	0	2.0091	.000v	6.240	1.243

621	400	700	0	2.0170	.000v	6.713	2.379
622	450	700	0	2.0248	.000v	6.960	3.524
623	500	700	0	2.0316	.000v	7.385	4.634
624	550	700	0	2.0370	.000v	7.993	5.538
625	600	700	0	2.0442	.000v	8.886	6.024
626	650	700	0	2.0511	.000v	9.443	6.420
627	700	700	0	2.0582	.000v	9.847	7.136
628	750	700	0	2.0643	.000v	11.003	7.312
629	800	700	0	2.0728	.000v	12.042	8.098
630	850	700	0	2.0783	.000v	13.073	7.220
631	900	700	0	2.0879	.000v	14.567	7.630
632	950	700	0	2.0889	.000v	16.071	6.871
633	1000	700	0	2.0910	.000v	17.562	7.375
634	1050	700	0	2.0591	.000v	18.064	5.509
635	1100	700	0	2.0176	.000v	13.710	1.816
636	1150	700	0	2.0083	.000v	10.977	.926
637	1200	700	0	2.0056	.000v	9.725	.482
638	1250	700	0	2.0043	.000v	8.775	.255
639	1300	700	0	2.0035	.000v	8.094	.125
640	1350	700	0	2.0030	.000v	7.674	.058
641	1400	700	0	2.0026	.000v	7.163	.019
642	1450	700	0	2.0023	.000v	6.480	.005
643	1500	700	0	2.0020	.000v	6.050	.000v
644	1550	700	0	2.0018	.000v	5.568	.000v
645	1600	700	0	2.0017	.000v	5.551	.000v
646	1650	700	0	2.0016	.000v	5.221	.003
647	1700	700	0	2.0015	.000v	4.992	.010
648	1750	700	0	2.0014	.000v	4.736	.032
649	1800	700	0	2.0013	.000v	4.457	.090
650	1850	700	0	2.0013	.000v	4.329	.136
651	1900	700	0	2.0015	.000v	4.143	.203
652	1950	700	0	2.0017	.000v	4.054	.242
653	2000	700	0	2.0021	.000v	3.893	.317
654	2050	700	0	2.0024	.000v	3.336	.405
655	2100	700	0	2.0028	.000v	2.725	.495
656	2150	700	0	2.0032	.000v	2.236	.591
657	2200	700	0	2.0035	.000v	1.555	.700
658	2250	700	0	2.0039	.000v	1.450	.774
659	2300	700	0	2.0042	.000v	1.431	.868
660	2350	700	0	2.0044	.000v	1.427	.954
661	2400	700	0	2.0046	.000v	1.409	.993
662	2450	700	0	2.0048	.000v	1.393	1.037
663	2500	700	0	2.0050	.000v	1.378	1.120
664	2550	700	0	2.0051	.000v	1.401	1.161
665	2600	700	0	2.0053	.000v	1.462	1.242
666	2650	700	0	2.0054	.000v	1.491	1.235
667	2700	700	0	2.0055	.000v	1.530	1.188
668	2750	700	0	2.0057	.000v	1.576	1.196
669	2800	700	0	2.0059	.000v	1.589	1.188
670	2850	700	0	2.0064	.000v	1.569	1.224
671	2900	700	0	2.0074	.000v	1.548	1.338
672	2950	700	0	2.0093	.000v	1.819	1.527
673	3000	700	0	2.0128	.000v	2.220	1.823
674	3050	700	0	2.0198	.000v	3.331	2.192
675	3100	700	0	2.0291	.000v	3.667	2.676
676	3150	700	0	2.0387	.000v	5.031	2.727
677	3200	700	0	2.0410	.000v	4.377	2.501
678	3250	700	0	2.0436	.000v	5.308	2.723
679	3300	700	0	2.0408	.000v	4.548	2.217
680	3350	700	0	2.0370	.000v	5.159	2.389
681	3400	700	0	2.0261	.000v	3.416	2.436

682	3450	700	0	2.0170	.000v	2.294	1.755
683	3500	700	0	2.0121	.000v	1.869	1.489
684	3550	700	0	2.0091	.000v	1.553	1.285
685	3600	700	0	2.0070	.000v	1.333	1.103
686	3650	700	0	2.0054	.000v	1.152	.989
687	3700	700	0	2.0041	.000v	1.023	.876
688	3750	700	0	2.0031	.000v	.914	.718
689	3800	700	0	2.0023	.000v	.826	.543
690	3850	700	0	2.0017	.000v	.751	.382
691	3900	700	0	2.0012	.000v	.687	.224
692	3950	700	0	2.0008	.000v	.602	.101
693	4000	700	0	2.0005	.000v	.539	.027
694	200	750	0	2.0012	.000v	3.242	.002
695	250	750	0	2.0019	.000v	3.576	.056
696	300	750	0	2.0031	.000v	3.751	.240
697	350	750	0	2.0051	.000v	3.995	.724
698	400	750	0	2.0079	.000v	4.019	1.308
699	450	750	0	2.0109	.000v	4.162	2.072
700	500	750	0	2.0136	.000v	4.404	2.714
701	550	750	0	2.0159	.000v	4.572	3.148
702	600	750	0	2.0178	.000v	4.767	3.710
703	650	750	0	2.0196	.000v	4.887	3.986
704	700	750	0	2.0210	.000v	5.021	4.178
705	750	750	0	2.0224	.000v	5.327	4.231
706	800	750	0	2.0240	.000v	5.754	4.468
707	850	750	0	2.0258	.000v	5.974	4.549
708	900	750	0	2.0271	.000v	6.551	4.754
709	950	750	0	2.0279	.000v	6.838	4.411
710	1000	750	0	2.0276	.000v	8.138	3.862
711	1050	750	0	2.0246	.000v	10.678	3.148
712	1100	750	0	2.0156	.000v	12.424	1.905
713	1150	750	0	2.0110	.000v	14.556	1.317
714	1200	750	0	2.0111	.000v	17.186	1.557
715	1250	750	0	2.0114	.000v	22.355	1.445
716	1300	750	0	2.0082	.001	31.470	.362
717	1350	750	0	2.0078	.003^	55.651^	.123
718	1400	750	0	2.0069	.001	31.941	.090
719	1450	750	0	2.0079	.000v	22.373	.193
720	1500	750	0	2.0074	.000v	17.196	.104
721	1550	750	0	2.0058	.000v	14.713	.106
722	1600	750	0	2.0048	.000v	12.424	.119
723	1650	750	0	2.0041	.000v	10.928	.134
724	1700	750	0	2.0036	.000v	9.923	.145
725	1750	750	0	2.0032	.000v	8.836	.180
726	1800	750	0	2.0029	.000v	8.247	.183
727	1850	750	0	2.0025	.000v	7.714	.215
728	1900	750	0	2.0027	.000v	6.964	.337
729	1950	750	0	2.0035	.000v	6.465	.426
730	2000	750	0	2.0044	.000v	5.251	.541
731	2050	750	0	2.0053	.000v	4.302	.684
732	2100	750	0	2.0061	.000v	3.557	.822
733	2150	750	0	2.0068	.000v	2.394	.945
734	2200	750	0	2.0076	.000v	2.064	1.085
735	2250	750	0	2.0083	.000v	2.095	1.219
736	2300	750	0	2.0090	.000v	2.083	1.370
737	2350	750	0	2.0095	.000v	2.095	1.479
738	2400	750	0	2.0101	.000v	2.078	1.609
739	2450	750	0	2.0105	.000v	2.086	1.729
740	2500	750	0	2.0109	.000v	2.072	1.831
741	2550	750	0	2.0112	.000v	2.083	1.822
742	2600	750	0	2.0115	.000v	2.129	1.816

743	2650	750	0	2.0118	.000v	2.232	1.791
744	2700	750	0	2.0121	.000v	2.321	1.787
745	2750	750	0	2.0124	.000v	2.395	1.756
746	2800	750	0	2.0129	.000v	2.438	1.753
747	2850	750	0	2.0138	.000v	2.505	1.787
748	2900	750	0	2.0179	.000v	2.655	2.080
749	2950	750	0	2.0284	.000v	3.795	2.596
750	3000	750	0	2.0371	.000v	4.108	2.458
751	3050	750	0	2.0446	.000v	4.835	2.655
752	3100	750	0	2.0440	.000v	4.165	2.487
753	3150	750	0	2.0464	.000v	4.952	2.530
754	3200	750	0	2.0410	.000v	4.000	2.918
755	3250	750	0	2.0344	.000v	4.220	2.757
756	3300	750	0	2.0214	.000v	2.786	2.125
757	3350	750	0	2.0146	.000v	2.118	1.680
758	3400	750	0	2.0108	.000v	1.740	1.427
759	3450	750	0	2.0084	.000v	1.496	1.229
760	3500	750	0	2.0066	.000v	1.295	1.095
761	3550	750	0	2.0054	.000v	1.135	.975
762	3600	750	0	2.0043	.000v	1.015	.886
763	3650	750	0	2.0035	.000v	.904	.793
764	3700	750	0	2.0028	.000v	.802	.703
765	3750	750	0	2.0022	.000v	.757	.528
766	3800	750	0	2.0017	.000v	.671	.440
767	3850	750	0	2.0013	.000v	.633	.293
768	3900	750	0	2.0009	.000v	.555	.162
769	3950	750	0	2.0006	.000v	.517	.068
770	4000	750	0	2.0004	.000v	.437	.012
771	200	800	0	2.0009	.000v	2.384	.000v
772	250	800	0	2.0014	.000v	2.662	.021
773	300	800	0	2.0023	.000v	2.845	.129
774	350	800	0	2.0034	.000v	2.911	.323
775	400	800	0	2.0047	.000v	2.996	.731
776	450	800	0	2.0062	.000v	3.043	1.282
777	500	800	0	2.0075	.000v	3.173	1.723
778	550	800	0	2.0088	.000v	3.244	2.107
779	600	800	0	2.0098	.000v	3.330	2.289
780	650	800	0	2.0107	.000v	3.386	2.496
781	700	800	0	2.0114	.000v	3.508	2.875
782	750	800	0	2.0119	.000v	3.704	3.100
783	800	800	0	2.0124	.000v	3.782	3.102
784	850	800	0	2.0128	.000v	3.999	2.860
785	900	800	0	2.0130	.000v	4.101	2.762
786	950	800	0	2.0127	.000v	4.575	2.572
787	1000	800	0	2.0119	.000v	4.873	2.263
788	1050	800	0	2.0101	.000v	5.148	1.591
789	1100	800	0	2.0076	.000v	5.479	1.092
790	1150	800	0	2.0053	.000v	5.568	.553
791	1200	800	0	2.0042	.000v	6.246	.384
792	1250	800	0	2.0038	.000v	6.365	.336
793	1300	800	0	2.0037	.000v	7.012	.324
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796	1450	800	0	2.0042	.000v	8.836	.228
797	1500	800	0	2.0047	.000v	9.725	.145
798	1550	800	0	2.0053	.000v	10.864	.191
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800	1650	800	0	2.0074	.000v	14.174	.454
801	1700	800	0	2.0093	.000v	17.107	.664
802	1750	800	0	2.0115	.000v	22.427	.958
803	1800	800	0	2.0076	.000v	29.867	.768

804	1850	800	0	2.0067	.001	50.008	.516
805	1900	800	0	2.0089	.000v	15.311	.897
806	1950	800	0	2.0143	.000v	9.678	1.245
807	2000	800	0	2.0171	.000v	6.838	1.512
808	2050	800	0	2.0212	.000v	4.984	1.745
809	2100	800	0	2.0225	.000v	4.302	1.992
810	2150	800	0	2.0259	.000v	5.086	2.073
811	2200	800	0	2.0264	.000v	4.336	2.287
812	2250	800	0	2.0294	.000v	5.061	2.314
813	2300	800	0	2.0295	.000v	4.282	2.582
814	2350	800	0	2.0321	.000v	5.017	2.487
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816	2450	800	0	2.0342	.000v	5.001	2.509
817	2500	800	0	2.0336	.000v	4.205	2.750
818	2550	800	0	2.0357	.000v	4.888	2.614
819	2600	800	0	2.0349	.000v	4.430	2.793
820	2650	800	0	2.0368	.000v	5.054	2.689
821	2700	800	0	2.0359	.000v	4.576	2.784
822	2750	800	0	2.0378	.000v	5.200	2.784
823	2800	800	0	2.0370	.000v	4.667	2.841
824	2850	800	0	2.0392	.000v	5.266	2.885
825	2900	800	0	2.0401	.000v	4.700	2.734
826	2950	800	0	2.0440	.000v	5.264	2.822
827	3000	800	0	2.0433	.000v	4.684	2.305
828	3050	800	0	2.0434	.000v	5.216	2.555
829	3100	800	0	2.0371	.000v	4.651	2.501
830	3150	800	0	2.0276	.000v	3.783	2.348
831	3200	800	0	2.0180	.000v	2.624	1.931
832	3250	800	0	2.0128	.000v	2.064	1.582
833	3300	800	0	2.0097	.000v	1.650	1.342
834	3350	800	0	2.0077	.000v	1.390	1.194
835	3400	800	0	2.0062	.000v	1.231	1.052
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838	3550	800	0	2.0036	.000v	.874	.787
839	3600	800	0	2.0030	.000v	.796	.707
840	3650	800	0	2.0025	.000v	.728	.640
841	3700	800	0	2.0020	.000v	.685	.528
842	3750	800	0	2.0016	.000v	.599	.422
843	3800	800	0	2.0013	.000v	.578	.351
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845	3900	800	0	2.0007	.000v	.464	.095
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859	750	850	0	2.0076	.000v	2.842	1.931
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861	850	850	0	2.0078	.000v	2.923	1.997
862	900	850	0	2.0077	.000v	3.047	1.932
863	950	850	0	2.0073	.000v	3.099	1.722
864	1000	850	0	2.0066	.000v	3.463	1.415

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880	1800	850	0	2.0033	.000v	6.992	.450
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882	1900	850	0	2.0044	.000v	8.395	.449
883	1950	850	0	2.0074	.000v	7.617	.688
884	2000	850	0	2.0115	.000v	6.243	.917
885	2050	850	0	2.0193	.000v	4.904	1.490
886	2100	850	0	2.0257	.000v	3.766	2.050
887	2150	850	0	2.0340	.000v	4.065	2.432
888	2200	850	0	2.0371	.000v	3.925	2.323
889	2250	850	0	2.0427	.000v	4.093	2.644
890	2300	850	0	2.0425	.000v	3.925	2.427
891	2350	850	0	2.0468	.000v	4.120	2.721
892	2400	850	0	2.0456	.000v	3.959	2.499
893	2450	850	0	2.0489	.000v	4.181	2.771
894	2500	850	0	2.0468	.000v	3.996	2.543
895	2550	850	0	2.0493	.000v	4.295	2.813
896	2600	850	0	2.0465	.000v	4.097	2.585
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922	3900	850	0	2.0005	.000v	.371	.062
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925	200	900	0	2.0006	.000v	1.506	.000v

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932	550	900	0	2.0039	.000v	2.116	.946
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934	650	900	0	2.0048	.000v	2.196	1.270
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936	750	900	0	2.0053	.000v	2.240	1.519
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940	950	900	0	2.0047	.000v	2.473	1.095
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946	1250	900	0	2.0017	.000v	3.050	.081
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964	2150	900	0	2.0112	.000v	2.413	1.230
965	2200	900	0	2.0146	.000v	2.807	1.462
966	2250	900	0	2.0201	.000v	3.223	1.875
967	2300	900	0	2.0259	.000v	3.527	2.302
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971	2500	900	0	2.0405	.000v	3.877	2.547
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984	3150	900	0	2.0065	.000v	1.513	1.127
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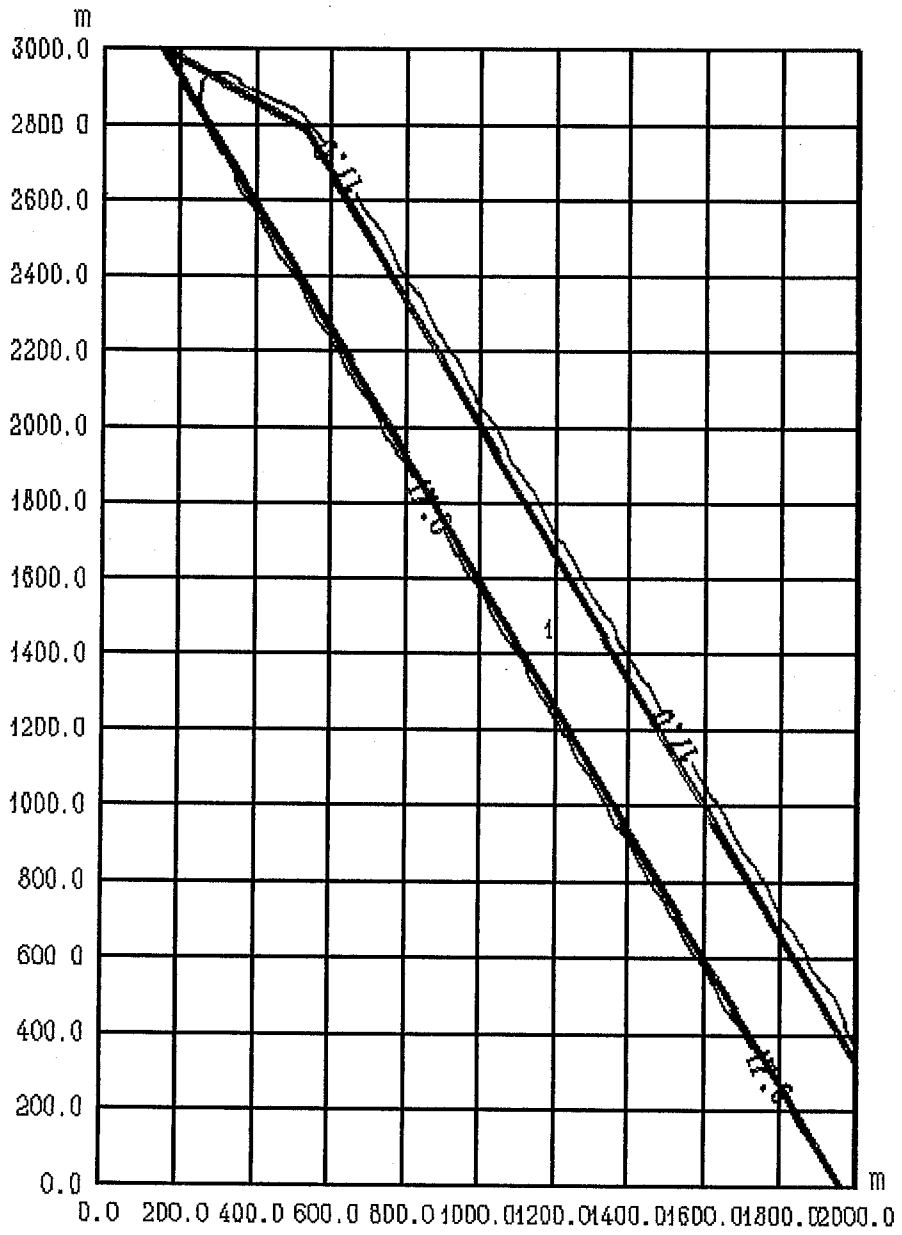
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1034	1800	950	0	2.0012	.000v	3.034	.148
1035	1850	950	0	2.0014	.000v	3.032	.201
1036	1900	950	0	2.0016	.000v	3.215	.270
1037	1950	950	0	2.0020	.000v	3.271	.357
1038	2000	950	0	2.0026	.000v	3.336	.457
1039	2050	950	0	2.0034	.000v	3.066	.567
1040	2100	950	0	2.0043	.000v	2.628	.694
1041	2150	950	0	2.0054	.000v	2.224	.842
1042	2200	950	0	2.0067	.000v	1.762	.992
1043	2250	950	0	2.0081	.000v	2.011	1.157
1044	2300	950	0	2.0098	.000v	2.163	1.308
1045	2350	950	0	2.0118	.000v	2.356	1.545
1046	2400	950	0	2.0141	.000v	2.523	1.717
1047	2450	950	0	2.0164	.000v	2.358	2.014

1048	2500	950	0	2.0163	.000v	2.303	1.968
1049	2550	950	0	2.0150	.000v	2.363	1.833
1050	2600	950	0	2.0138	.000v	2.230	1.730
1051	2650	950	0	2.0128	.000v	2.110	1.636
1052	2700	950	0	2.0119	.000v	2.041	1.551
1053	2750	950	0	2.0109	.000v	2.036	1.461
1054	2800	950	0	2.0101	.000v	2.020	1.407
1055	2850	950	0	2.0094	.000v	1.925	1.374
1056	2900	950	0	2.0087	.000v	1.721	1.372
1057	2950	950	0	2.0079	.000v	1.560	1.316
1058	3000	950	0	2.0068	.000v	1.462	1.213
1059	3050	950	0	2.0058	.000v	1.379	1.087
1060	3100	950	0	2.0049	.000v	1.254	.994
1061	3150	950	0	2.0042	.000v	1.122	.897
1062	3200	950	0	2.0036	.000v	.985	.819
1063	3250	950	0	2.0031	.000v	.850	.748
1064	3300	950	0	2.0027	.000v	.758	.667
1065	3350	950	0	2.0024	.000v	.709	.605
1066	3400	950	0	2.0020	.000v	.638	.518
1067	3450	950	0	2.0017	.000v	.608	.465
1068	3500	950	0	2.0015	.000v	.540	.391
1069	3550	950	0	2.0013	.000v	.510	.344
1070	3600	950	0	2.0011	.000v	.450	.305
1071	3650	950	0	2.0009	.000v	.410	.255
1072	3700	950	0	2.0007	.000v	.372	.205
1073	3750	950	0	2.0006	.000v	.330	.143
1074	3800	950	0	2.0004	.000v	.287	.059
1075	3850	950	0	2.0003	.000v	.225	.008
1076	3900	950	0	2.0002	.000v	.172	.000v
1077	3950	950	0	2.0001	.000v	.109	.000v
1078	4000	950	0	2.0000	.000v	.072	.000v
1079	200	1000	0	2.0003	.000v	.822	.000v
1080	250	1000	0	2.0005	.000v	.972	.000v
1081	300	1000	0	2.0007	.000v	1.112	.000v
1082	350	1000	0	2.0009	.000v	1.187	.000v
1083	400	1000	0	2.0012	.000v	1.251	.000v
1084	450	1000	0	2.0014	.000v	1.401	.022
1085	500	1000	0	2.0017	.000v	1.365	.043
1086	550	1000	0	2.0019	.000v	1.465	.128
1087	600	1000	0	2.0022	.000v	1.472	.266
1088	650	1000	0	2.0024	.000v	1.499	.433
1089	700	1000	0	2.0025	.000v	1.508	.549
1090	750	1000	0	2.0026	.000v	1.537	.587
1091	800	1000	0	2.0026	.000v	1.570	.509
1092	850	1000	0	2.0025	.000v	1.575	.393
1093	900	1000	0	2.0023	.000v	1.646	.263
1094	950	1000	0	2.0022	.000v	1.689	.212
1095	1000	1000	0	2.0019	.000v	1.765	.101
1096	1050	1000	0	2.0018	.000v	1.776	.072
1097	1100	1000	0	2.0015	.000v	1.932	.061
1098	1150	1000	0	2.0013	.000v	1.872	.044
1099	1200	1000	0	2.0011	.000v	1.913	.025
1100	1250	1000	0	2.0009	.000v	2.039	.008
1101	1300	1000	0	2.0007	.000v	2.199	.000v
1102	1350	1000	0	2.0006	.000v	2.159	.000v
1103	1400	1000	0	2.0006	.000v	2.261	.000v
1104	1450	1000	0	2.0006	.000v	2.154	.000v
1105	1500	1000	0	2.0006	.000v	2.279	.000v
1106	1550	1000	0	2.0006	.000v	2.245	.000v
1107	1600	1000	0	2.0006	.000v	2.343	.001
1108	1650	1000	0	2.0007	.000v	2.384	.005

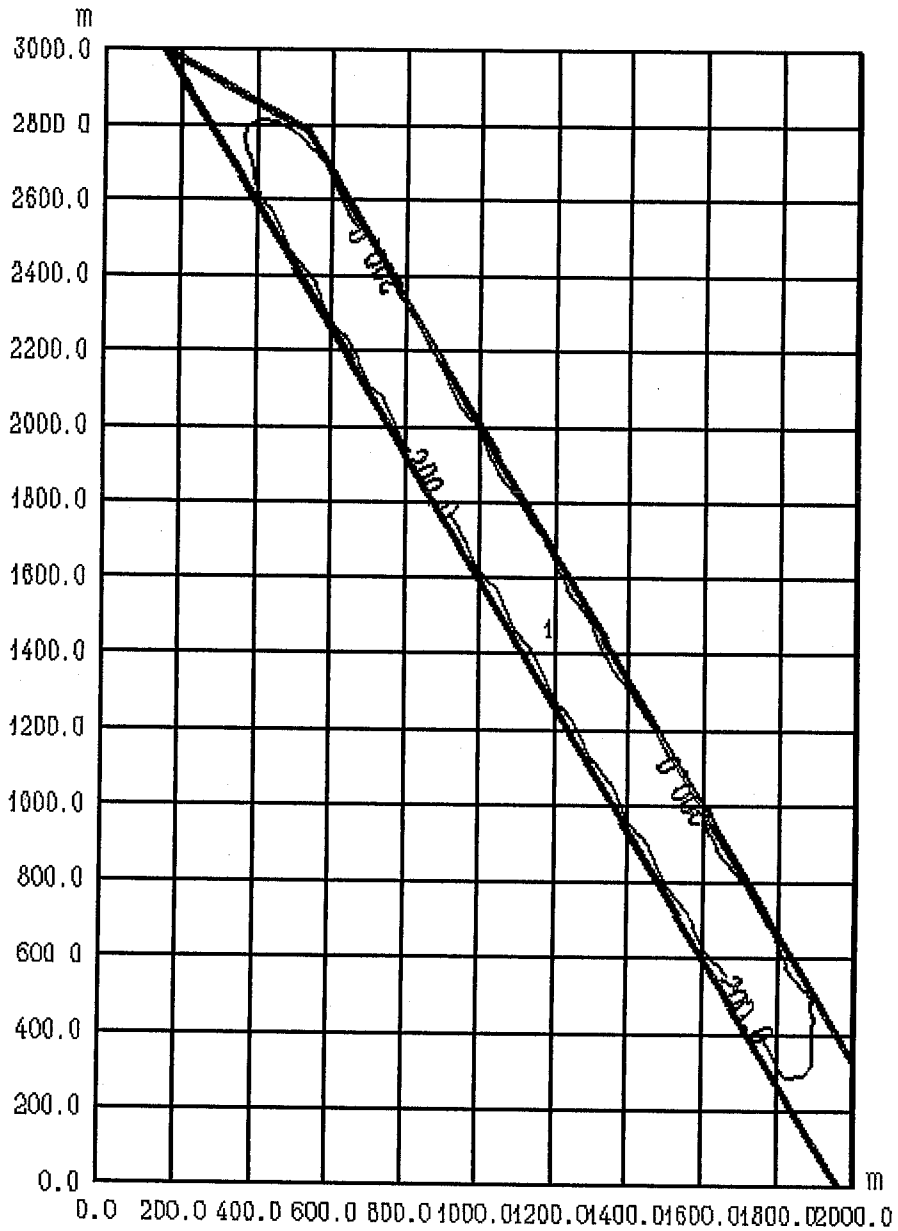
1109	1700	1000	0	2.0007	.000v	2.327	.026
1110	1750	1000	0	2.0007	.000v	2.410	.062
1111	1800	1000	0	2.0008	.000v	2.387	.098
1112	1850	1000	0	2.0010	.000v	2.582	.155
1113	1900	1000	0	2.0011	.000v	2.469	.211
1114	1950	1000	0	2.0014	.000v	2.517	.269
1115	2000	1000	0	2.0017	.000v	2.473	.347
1116	2050	1000	0	2.0022	.000v	2.248	.441
1117	2100	1000	0	2.0027	.000v	2.088	.516
1118	2150	1000	0	2.0033	.000v	1.553	.625
1119	2200	1000	0	2.0039	.000v	1.413	.721
1120	2250	1000	0	2.0046	.000v	1.431	.821
1121	2300	1000	0	2.0054	.000v	1.522	.943
1122	2350	1000	0	2.0062	.000v	1.590	1.083
1123	2400	1000	0	2.0070	.000v	1.560	1.202
1124	2450	1000	0	2.0076	.000v	1.479	1.361
1125	2500	1000	0	2.0078	.000v	1.458	1.376
1126	2550	1000	0	2.0076	.000v	1.516	1.308
1127	2600	1000	0	2.0073	.000v	1.532	1.253
1128	2650	1000	0	2.0069	.000v	1.474	1.202
1129	2700	1000	0	2.0065	.000v	1.409	1.148
1130	2750	1000	0	2.0062	.000v	1.417	1.106
1131	2800	1000	0	2.0058	.000v	1.402	1.084
1132	2850	1000	0	2.0055	.000v	1.349	1.064
1133	2900	1000	0	2.0052	.000v	1.265	1.024
1134	2950	1000	0	2.0047	.000v	1.125	1.001
1135	3000	1000	0	2.0043	.000v	1.084	.952
1136	3050	1000	0	2.0038	.000v	1.019	.874
1137	3100	1000	0	2.0033	.000v	.959	.796
1138	3150	1000	0	2.0029	.000v	.861	.725
1139	3200	1000	0	2.0025	.000v	.779	.660
1140	3250	1000	0	2.0022	.000v	.678	.576
1141	3300	1000	0	2.0019	.000v	.644	.516
1142	3350	1000	0	2.0017	.000v	.575	.439
1143	3400	1000	0	2.0014	.000v	.538	.379
1144	3450	1000	0	2.0012	.000v	.486	.338
1145	3500	1000	0	2.0010	.000v	.455	.294
1146	3550	1000	0	2.0008	.000v	.402	.225
1147	3600	1000	0	2.0007	.000v	.370	.187
1148	3650	1000	0	2.0005	.000v	.304	.130
1149	3700	1000	0	2.0004	.000v	.277	.078
1150	3750	1000	0	2.0003	.000v	.214	.030
1151	3800	1000	0	2.0002	.000v	.151	.001
1152	3850	1000	0	2.0001	.000v	.100	.000v
1153	3900	1000	0	2.0000	.000v	.060	.000v
1154	3950	1000	0	2.0000	.000v	.021	.000v
1155	4000	1000	0	2.0000v	.000v	.001v	.000v
	wartosci srednie			2.0082	.000	2.978	.872

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

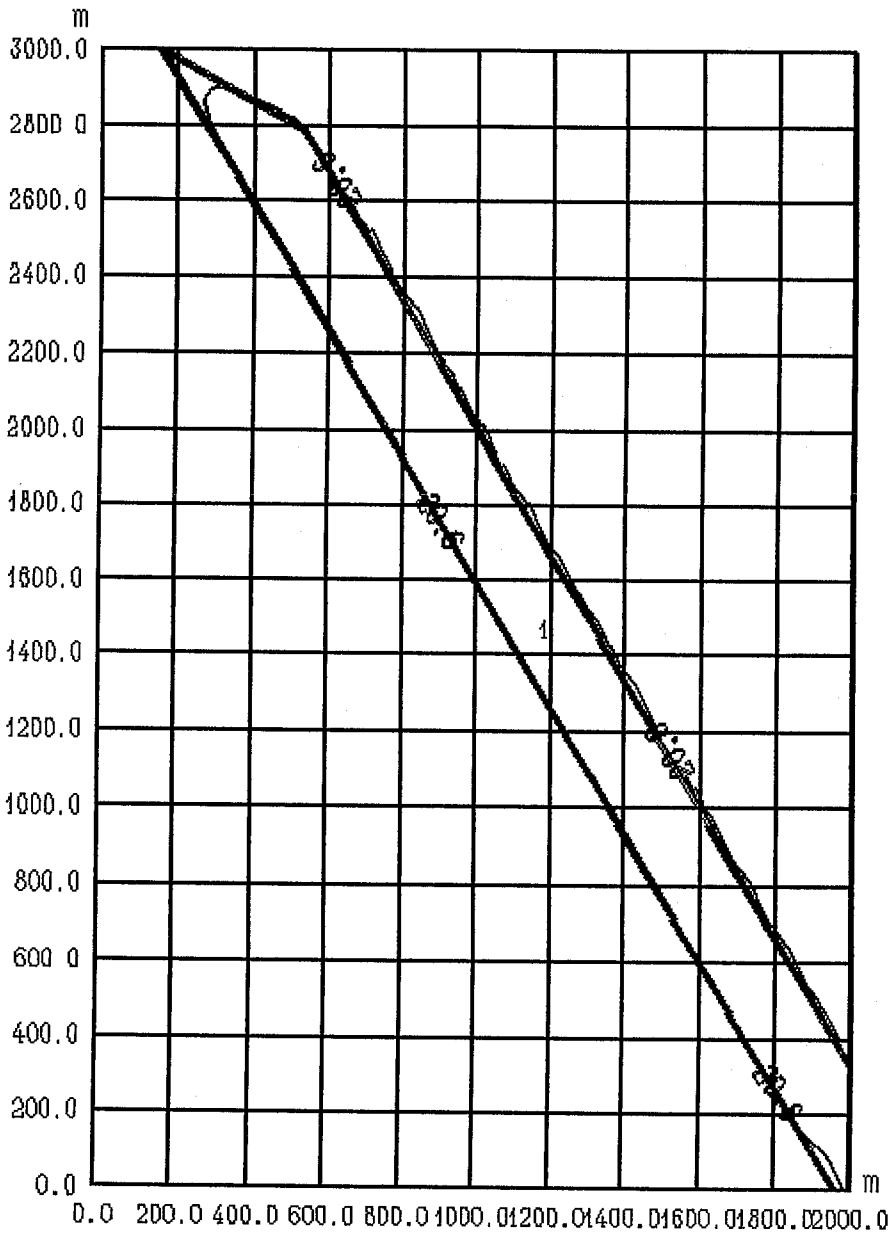
Stacja
MAŁASZEWICZE



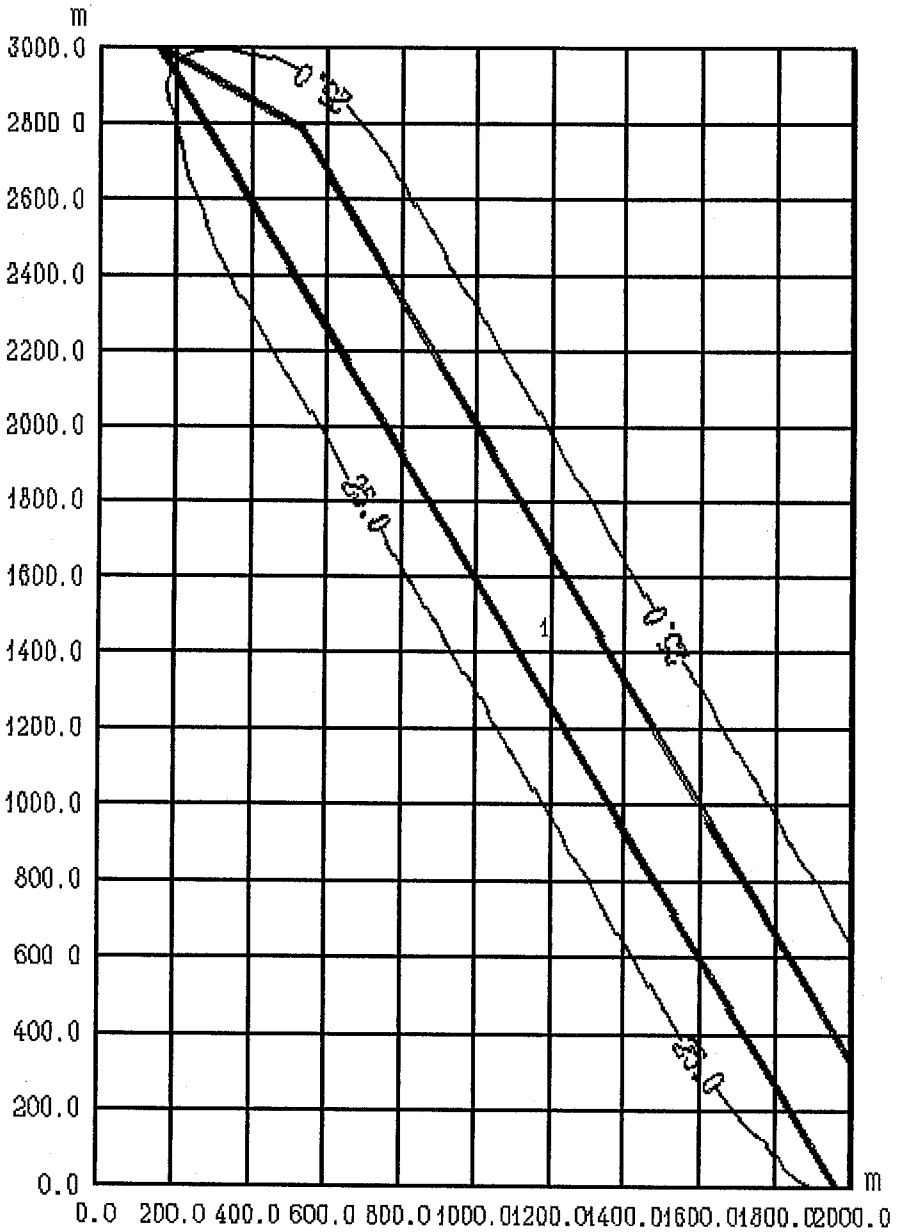
Szkic P13: Srednioroczne stezenie NO2 ug/m3 (1:20000)



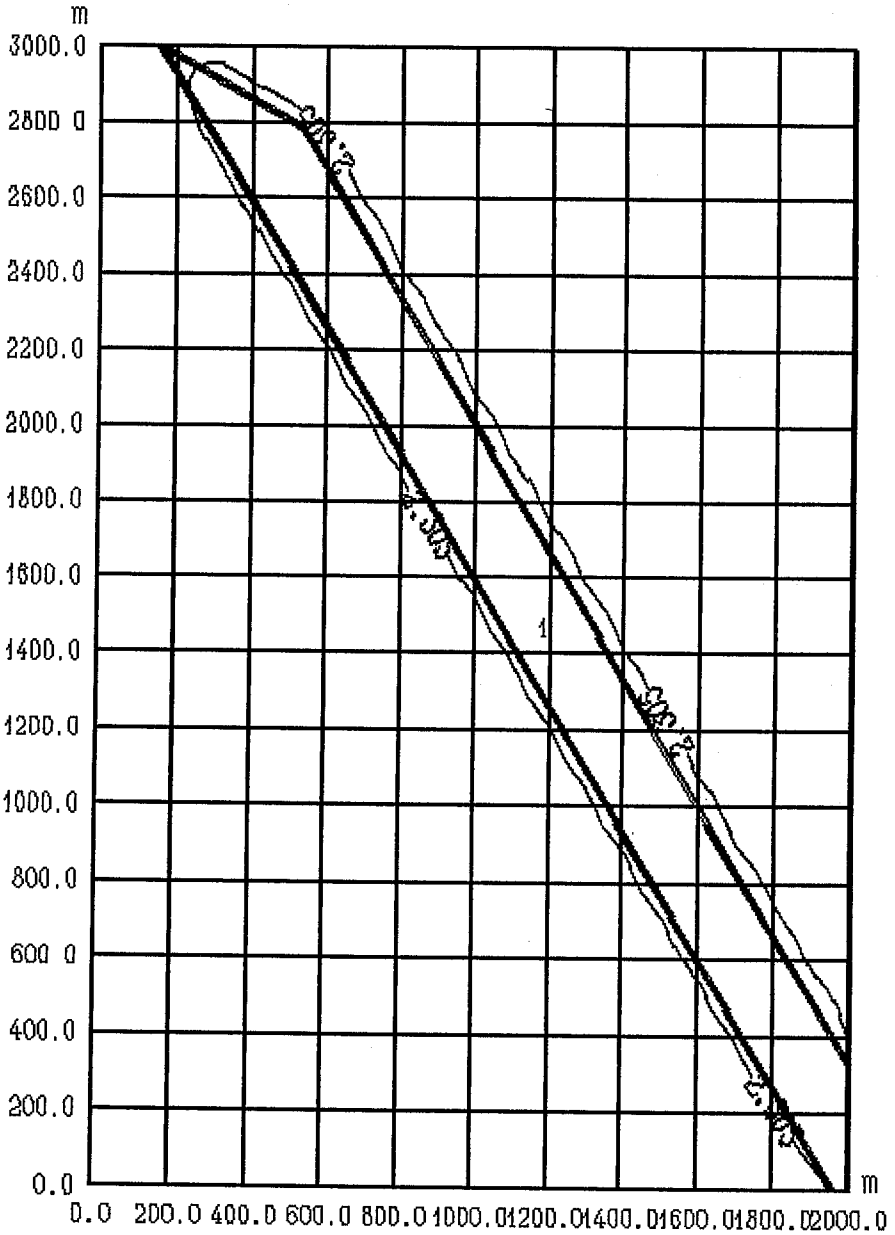
Szkic P14: Percentyl 99,8 ze stezen 1-godz. NO2 ug/m3 (1:20000)



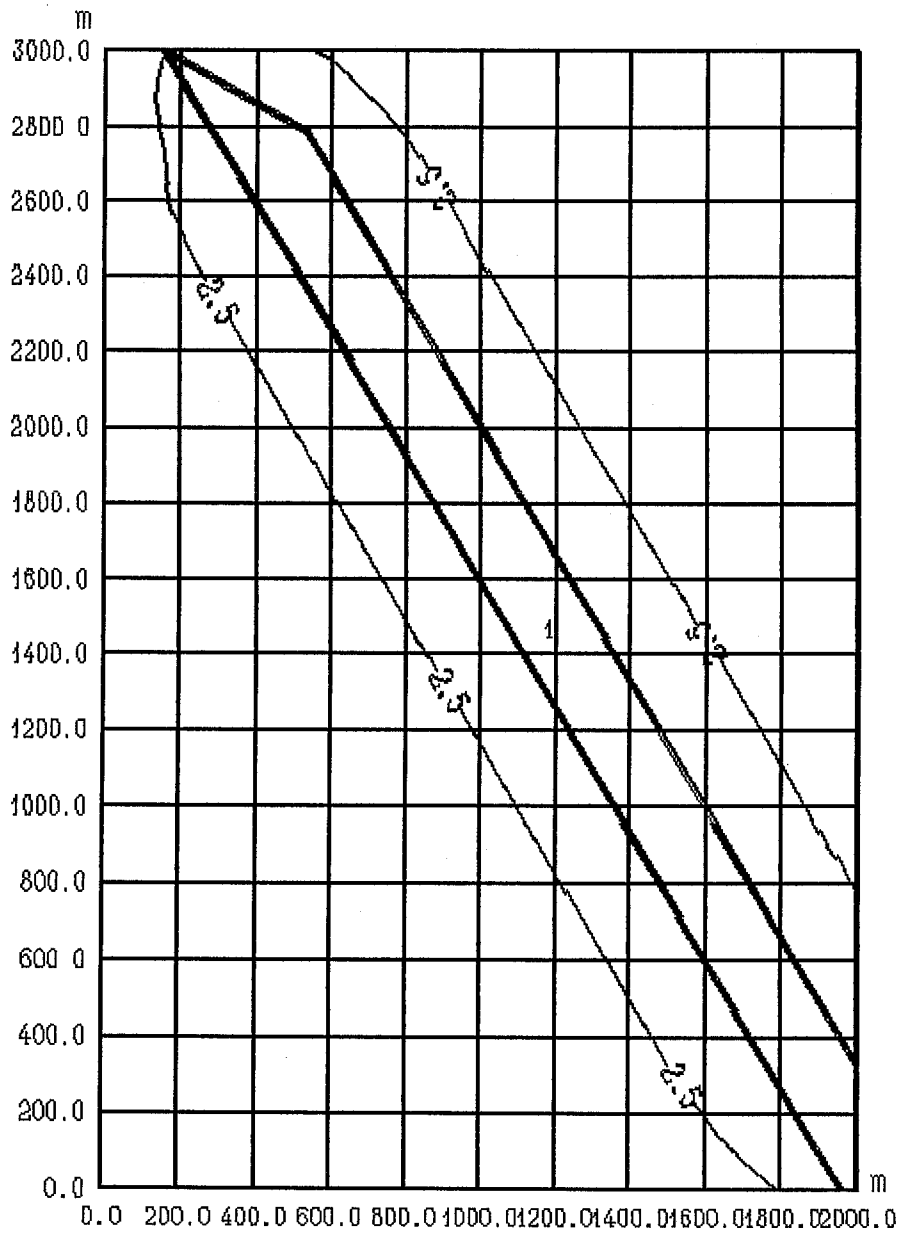
Szkic P15: Srednioroczne stezenie pylu PM10 ug/m3 (1:20000)



Szkic P16: Percentyl 99,8 ze stezen 1-godz. pylu PM10 ug/m3 (1:20000)



Szkic P17: Srednioroczne stezenie benzenu ug/m3 (1·20000)



Szkic P18: Percentyl 99,8 ze stezen 1-godz. benzenu ug/m3 (1:20000)

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 6.02 @@@@@@@@@@@

```
==========================================================================
DANE ZANIECZYSZCZEN :
  numer | typ | czestosc |  nazwa zanieczyszczenia
 ----------------------------------------
    1   | gaz |      .20  | dwutlenek azotu
    2   | pyl |      .20  | pyl PM10
    3   | gaz |      .20  | benzen

==========================================================================
 DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :
  ------------------------------------------------------------------------
 zanieczyszczenie nr 1  [ug/m3] - dwutlenek azotu
  d1 =   200.00| da =   40.000| tlo =   15.600
  ------------------------------------------------------------------------
 zanieczyszczenie nr 2  [ug/m3] - pyl PM10
  d1 =   280.00| da =   40.000| tlo =   20.500
  ------------------------------------------------------------------------
 zanieczyszczenie nr 3  [ug/m3] - benzen
  d1 =   30.000| da =   5.0000| tlo =   2.3000

==========================================================================
DANE PODOKRESOW EMISJI :
     numer    |    numer    | udzial podokresu
   podokresu  |    sezonu   |     w sezonie
   ------------------------------------------------------
        1     |      1      |       .0580

==========================================================================
 SZORSTKOSC AERODYNAMICZNA :
     z0 [m] =  1.000

==========================================================================
  DANE EMITOROW :
==========================================================================
 EMITOR NR   1 - POWIERZCHNIOWY "                                        "
 ------------------------------------------------------------------------
   wysokosc | liczba okresow |   liczba      |   modul
    hp[m]   |     emisji     | wierzcholkow | podzialu [m]
      .5    |        1       |      4       |  20.0
 ------------------------------------------------------------------------
              wspolrzedne wierzcholkow emitora :
|    xp[m]     yp[m]  |    xp[m]     yp[m]  |    xp[m]     yp[m]
|    2105.0    -237.0 |    2000.0     316.0 |     526.0    2790.0 |
|     158.0    3000.0 |

 d a n e   w   o k r e s a c h   e m i s j i :
 ------------------------------------------------------------------------
 NUMER OKRESU  1 | sezon  1
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      n u m e r y   p o d o k r e s o w   e m i s j i
        1
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      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  |
emisja [kg/h]|   14.490|   1.6800|  .063000
 ========================================================================
                     SUMA EMISJI W PODOKRESACH [kg/h]

  numery                    numery zanieczyszczen
podokresow  |      1  |      2  |      3  |
    1       |   14.490|   1.6800|  .063000
```

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 6.02 @@@

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

W y n i k i o b l i c z e n d l a
z a n i e c z y s z c z e n g a z o w y c h z t l e m

Uzytkownik : Jan Szymczyk
Licencja nr : autorski
data obliczen : 2006-04-08
identyfikator : malasz
opis projektu :
Naprawa torowiska na stacji kolejowej w Malaszewiczach
Zan 1 - NO2, Zan 2 - pyl PM10, Zan 3 - benzen

Wyniki obliczen w wezlach siatki prostokatnej

ZANIECZYSZCZENIE NR 1 - dwutlenek azotu
dopuszczalne D1 = 200.00 [ug/m3] Da = 40.000 [ug/m3]
tlo stezenia R = 15.60 [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	15.600v	.000v	.00v	.00v
2	100	0	0	15.600v	.000v	.00v	.00v
3	200	0	0	15.600v	.000v	.00v	.00v
4	300	0	0	15.600v	.000v	.00v	.00v
5	400	0	0	15.600v	.000v	.00v	.00v
6	500	0	0	15.600v	.000v	.00v	.00v
7	600	0	0	15.600v	.000v	.00v	.00v
8	700	0	0	15.600v	.000v	.00v	.00v
9	800	0	0	15.600v	.000v	.00v	.00v
10	900	0	0	15.600v	.000v	.00v	.00v
11	1000	0	0	15.600v	.000v	.00v	.00v
12	1100	0	0	15.600v	.000v	.00v	.00v
13	1200	0	0	15.600v	.000v	.00v	.00v
14	1300	0	0	15.600v	.000v	.00v	.00v
15	1400	0	0	15.601	.000v	5.05	.00v
16	1500	0	0	15.619	.000v	24.55	.64
17	1600	0	0	15.662	.000v	48.74	13.30
18	1700	0	0	15.719	.000v	72.37	29.59
19	1800	0	0	15.809	.000v	106.36	46.87
20	1900	0	0	16.123	.000v	165.40	80.13
21	2000	0	0	17.485	.075	364.57	126.99
22	0	100	0	15.600v	.000v	.00v	.00v
23	100	100	0	15.600v	.000v	.00v	.00v
24	200	100	0	15.600v	.000v	.00v	.00v

25	300	100	0	15.600v	.000v	.00v	.00v
26	400	100	0	15.600v	.000v	.00v	.00v
27	500	100	0	15.600v	.000v	.00v	.00v
28	600	100	0	15.600v	.000v	.00v	.00v
29	700	100	0	15.600v	.000v	.00v	.00v
30	800	100	0	15.600v	.000v	.00v	.00v
31	900	100	0	15.600v	.000v	.00v	.00v
32	1000	100	0	15.600v	.000v	.00v	.00v
33	1100	100	0	15.600v	.000v	.00v	.00v
34	1200	100	0	15.600v	.000v	.00v	.00v
35	1300	100	0	15.600	.000v	.69	.00v
36	1400	100	0	15.608	.000v	14.75	.00v
37	1500	100	0	15.644	.000v	37.33	7.92
38	1600	100	0	15.707	.000v	65.72	28.18
39	1700	100	0	15.791	.000v	90.89	50.80
40	1800	100	0	15.987	.000v	127.87	81.45
41	1900	100	0	17.018	.098	268.53	163.84
42	2000	100	0	17.926	.103	370.56	141.34
43	0	200	0	15.600v	.000v	.00v	.00v
44	100	200	0	15.600v	.000v	.00v	.00v
45	200	200	0	15.600v	.000v	.00v	.00v
46	300	200	0	15.600v	.000v	.00v	.00v
47	400	200	0	15.600v	.000v	.00v	.00v
48	500	200	0	15.600v	.000v	.00v	.00v
49	600	200	0	15.600v	.000v	.00v	.00v
50	700	200	0	15.600v	.000v	.00v	.00v
51	800	200	0	15.600v	.000v	.00v	.00v
52	900	200	0	15.600v	.000v	.00v	.00v
53	1000	200	0	15.600v	.000v	.00v	.00v
54	1100	200	0	15.600v	.000v	.00v	.00v
55	1200	200	0	15.600v	.000v	.00v	.00v
56	1300	200	0	15.602	.000v	6.66	.00v
57	1400	200	0	15.626	.000v	29.90	2.80
58	1500	200	0	15.684	.000v	55.26	21.59
59	1600	200	0	15.766	.000v	81.94	47.51
60	1700	200	0	15.909	.000v	111.48	80.18
61	1800	200	0	16.461	.017	206.37	137.64
62	1900	200	0	18.177	.123	370.02	185.70
63	2000	200	0	17.869	.147	369.98	171.91
64	0	300	0	15.600v	.000v	.00v	.00v
65	100	300	0	15.600v	.000v	.00v	.00v
66	200	300	0	15.600v	.000v	.00v	.00v
67	300	300	0	15.600v	.000v	.00v	.00v
68	400	300	0	15.600v	.000v	.00v	.00v
69	500	300	0	15.600v	.000v	.00v	.00v
70	600	300	0	15.600v	.000v	.00v	.00v
71	700	300	0	15.600v	.000v	.00v	.00v
72	800	300	0	15.600v	.000v	.00v	.00v
73	900	300	0	15.600v	.000v	.00v	.00v
74	1000	300	0	15.600v	.000v	.00v	.00v
75	1100	300	0	15.600v	.000v	.00v	.00v
76	1200	300	0	15.600	.000v	2.85	.00v
77	1300	300	0	15.613	.000v	20.01	.00v
78	1400	300	0	15.656	.000v	42.49	10.92
79	1500	300	0	15.734	.000v	72.15	38.84
80	1600	300	0	15.849	.000v	99.92	72.15
81	1700	300	0	16.140	.000v	150.85	120.30
82	1800	300	0	17.585	,196	334.19	199.67
83	1900	300	0	18.546	.194	370.56^	197.56
84	2000	300	0	17.530	.148	291.25	186.96
85	0	400	0	15.600v	.000v	.00v	.00v

86	100	400	0	15.600v	.000v	.00v	.00v
87	200	400	0	15.600v	.000v	.00v	.00v
88	300	400	0	15.600v	.000v	.00v	.00v
89	400	400	0	15.600v	.000v	.00v	.00v
90	500	400	0	15.600v	.000v	.00v	.00v
91	600	400	0	15.600v	.000v	.00v	.00v
92	700	400	0	15.600v	.000v	.00v	.00v
93	800	400	0	15.600v	.000v	.00v	.00v
94	900	400	0	15.600v	.000v	.00v	.00v
95	1000	400	0	15.600v	.000v	.00v	.00v
96	1100	400	0	15.600v	.000v	.00v	.00v
97	1200	400	0	15.605	.000v	9.88	.00v
98	1300	400	0	15.635	.000v	33.67	5.28
99	1400	400	0	15.700	.000v	60.49	26.88
100	1500	400	0	15.798	.000v	86.46	58.62
101	1600	400	0	15.988	.000v	122.40	106.13
102	1700	400	0	16.818	.116	245.45	172.75
103	1800	400	0	18.469	.213 *	370.30	206.73 *
104	1900	400	0	18.384	.191	365.35	196.06
105	2000	400	0	16.599	.000v	184.03	148.28
106	0	500	0	15.600v	.000v	.00v	.00v
107	100	500	0	15.600v	.000v	.00v	.00v
108	200	500	0	15.600v	.000v	.00v	.00v
109	300	500	0	15.600v	.000v	.00v	.00v
110	400	500	0	15.600v	.000v	.00v	.00v
111	500	500	0	15.600v	.000v	.00v	.00v
112	600	500	0	15.600v	.000v	.00v	.00v
113	700	500	0	15.600v	.000v	.00v	.00v
114	800	500	0	15.600v	.000v	.00v	.00v
115	900	500	0	15.600v	.000v	.00v	.00v
116	1000	500	0	15.600v	.000v	.00v	.00v
117	1100	500	0	15.601	.000v	5.11	.00v
118	1200	500	0	15.619	.000v	24.77	.70
119	1300	500	0	15.670	.000v	49.16	16.25
120	1400	500	0	15.754	.000v	78.31	45.93
121	1500	500	0	15.891	.000v	107.64	81.93
122	1600	500	0	16.306	.000v	172.69	134.43
123	1700	500	0	18.024	.223 *	365.07	209.86 *
124	1800	500	0	18.634	.271 *	370.56^	221.24 *
125	1900	500	0	17.453	.128	279.81	190.77
126	2000	500	0	16.133	.000v	132.27	111.27
127	0	600	0	15.600v	.000v	.00v	.00v
128	100	600	0	15.600v	.000v	.00v	.00v
129	200	600	0	15.600v	.000v	.00v	.00v
130	300	600	0	15.600v	.000v	.00v	.00v
131	400	600	0	15.600v	.000v	.00v	.00v
132	500	600	0	15.600v	.000v	.00v	.00v
133	600	600	0	15.600v	.000v	.00v	.00v
134	700	600	0	15.600v	.000v	.00v	.00v
135	800	600	0	15.600v	.000v	.00v	.00v
136	900	600	0	15.600v	.000v	.00v	.00v
137	1000	600	0	15.600	.000v	.75	.00v
138	1100	600	0	15.608	.000v	14.94	.00v
139	1200	600	0	15.645	.000v	37.47	8.03
140	1300	600	0	15.717	.000v	66.29	32.05
141	1400	600	0	15.825	.000v	92.49	65.84
142	1500	600	0	16.062	.000v	135.26	116.22
143	1600	600	0	17.204	.179	327.60	191.84
144	1700	600	0	18.593	.239 *	370.56	210.40 *
145	1800	600	0	18.207	.215 *	343.04	203.14 *
146	1900	600	0	16.438	.000v	164.29	131.34

147	2000	600	0	15.928	.000v	104.77	83.39
148	0	700	0	15.600v	.000v	.00v	.00v
149	100	700	0	15.600v	.000v	.00v	.00v
150	200	700	0	15.600v	.000v	.00v	.00v
151	300	700	0	15.600v	.000v	.00v	.00v
152	400	700	0	15.600v	.000v	.00v	.00v
153	500	700	0	15.600v	.000v	.00v	.00v
154	600	700	0	15.600v	.000v	.00v	.00v
155	700	700	0	15.600v	.000v	.00v	.00v
156	800	700	0	15.600v	.000v	.00v	.00v
157	900	700	0	15.600v	.000v	.00v	.00v
158	1000	700	0	15.602	.000v	6.75	.00v
159	1100	700	0	15.626	.000v	30.07	2.89
160	1200	700	0	15.684	.000v	55.69	21.80
161	1300	700	0	15.775	.000v	82.96	51.96
162	1400	700	0	15.937	.000v	112.63	96.67
163	1500	700	0	16.528	.017	209.61	155.02
164	1600	700	0	18.331	.230 *	370.07	212.96 *
165	1700	700	0	18.588	.279 *	370.37	224.12 *
166	1800	700	0	17.064	.063	222.30	180.38
167	1900	700	0	16.068	.000v	121.51	102.28
168	2000	700	0	15.817	.000v	84.69	59.75
169	0	800	0	15.600v	.000v	.00v	.00v
170	100	800	0	15.600v	.000v	.00v	.00v
171	200	800	0	15.600v	.000v	.00v	.00v
172	300	800	0	15.600v	.000v	.00v	.00v
173	400	800	0	15.600v	.000v	.00v	.00v
174	500	800	0	15.600v	.000v	.00v	.00v
175	600	800	0	15.600v	.000v	.00v	.00v
176	700	800	0	15.600v	.000v	.00v	.00v
177	800	800	0	15.600v	.000v	.00v	.00v
178	900	800	0	15.600	.000v	2.94	.00v
179	1000	800	0	15.613	.000v	20.19	.00v
180	1100	800	0	15.657	.000v	42.73	11.12
181	1200	800	0	15.736	.000v	72.80	39.10
182	1300	800	0	15.856	.000v	100.95	72.90
183	1400	800	0	16.161	.000v	153.65	124.58
184	1500	800	0	17.640	.218 *	349.40	203.82 *
185	1600	800	0	18.650	.263 *	370.56^	223.22 *
186	1700	800	0	17.901	.209 *	296.16	200.81 *
187	1800	800	0	16.293	.000v	143.38	123.05
188	1900	800	0	15.892	.000v	98.82	79.09
189	2000	800	0	15.744	.000v	69.29	38.38
190	0	900	0	15.600v	.000v	.00v	.00v
191	100	900	0	15.600v	.000v	.00v	.00v
192	200	900	0	15.600v	.000v	.00v	.00v
193	300	900	0	15.600v	.000v	.00v	.00v
194	400	900	0	15.600v	.000v	.00v	.00v
195	500	900	0	15.600v	.000v	.00v	.00v
196	600	900	0	15.600v	.000v	.00v	.00v
197	700	900	0	15.600v	.000v	.00v	.00v
198	800	900	0	15.600v	.000v	.00v	.00v
199	900	900	0	15.605	.000v	10.06	.00v
200	1000	900	0	15.635	.000v	33.80	5.37
201	1100	900	0	15.700	.000v	61.06	27.07
202	1200	900	0	15.800	.000v	87.40	59.06
203	1300	900	0	15.994	.000v	124.36	107.78
204	1400	900	0	16.840	.120	262.32	174.84
205	1500	900	0	18.501	.227 *	370.30	214.52 *
206	1600	900	0	18.460	.247 *	366.32	211.03 *
207	1700	900	0	16.713	.000v	188.16	153.65

208	1800	900	0	15.998	.000v	112.11	92.60
209	1900	900	0	15.792	.000v	81.05	51.49
210	2000	900	0	15.688	.000v	54.59	22.42
211	0	1000	0	15.600v	.000v	.00v	.00v
212	100	1000	0	15.600v	.000v	.00v	.00v
213	200	1000	0	15.600v	.000v	.00v	.00v
214	300	1000	0	15.600v	.000v	.00v	.00v
215	400	1000	0	15.600v	.000v	.00v	.00v
216	500	1000	0	15.600v	.000v	.00v	.00v
217	600	1000	0	15.600v	.000v	.00v	.00v
218	700	1000	0	15.600v	.000v	.00v	.00v
219	800	1000	0	15.601	.000v	5.17	.00v
220	900	1000	0	15.619	.000v	24.98	.75
221	1000	1000	0	15.670	.000v	49.53	16.44
222	1100	1000	0	15.755	.000v	79.09	46.23
223	1200	1000	0	15.894	.000v	108.71	82.42
224	1300	1000	0	16.316	.000v	174.53	135.53
225	1400	1000	0	18.046	.229 *	365.49	211.32 *
226	1500	1000	0	18.659	.271 *	370.56^	226.15 *
227	1600	1000	0	17.524	.139	285.35	192.67
228	1700	1000	0	16.173	.000v	134.21	114.00
229	1800	1000	0	15.855	.000v	91.29	70.06
230	1900	1000	0	15.724	.000v	64.47	32.24
231	2000	1000	0	15.646	.000v	36.09	8.86
232	0	1100	0	15.600v	.000v	.00v	.00v
233	100	1100	0	15.600v	.000v	.00v	.00v
234	200	1100	0	15.600v	.000v	.00v	.00v
235	300	1100	0	15.600v	.000v	.00v	.00v
236	400	1100	0	15.600v	.000v	.00v	.00v
237	500	1100	0	15.600v	.000v	.00v	.00v
238	600	1100	0	15.600v	.000v	.00v	.00v
239	700	1100	0	15.600	.000v	.80	.00v
240	800	1100	0	15.609	.000v	15.13	.00v
241	900	1100	0	15.645	.000v	37.62	8.14
242	1000	1100	0	15.718	.000v	66.85	32.25
243	1100	1100	0	15.827	.000v	93.51	66.60
244	1200	1100	0	16.067	.000v	136.58	117.38
245	1300	1100	0	17.223	.181	330.07	192.91
246	1400	1100	0	18.607	.241 *	370.56	211.49 *
247	1500	1100	0	18.247	.222 *	347.75	207.18 *
248	1600	1100	0	16.467	.000v	167.93	133.56
249	1700	1100	0	15.943	.000v	106.30	84.75
250	1800	1100	0	15.768	.000v	75.35	45.32
251	1900	1100	0	15.673	.000v	48.81	16.56
252	2000	1100	0	15.619	.000v	22.64	1.08
253	0	1200	0	15.600v	.000v	.00v	.00v
254	100	1200	0	15.600v	.000v	.00v	.00v
255	200	1200	0	15.600v	.000v	.00v	.00v
256	300	1200	0	15.600v	.000v	.00v	.00v
257	400	1200	0	15.600v	.000v	.00v	.00v
258	500	1200	0	15.600v	.000v	.00v	.00v
259	600	1200	0	15.600v	.000v	.00v	.00v
260	700	1200	0	15.602	.000v	6.84	.00v
261	800	1200	0	15.627	.000v	30.23	2.98
262	900	1200	0	15.685	.000v	56.10	22.01
263	1000	1200	0	15.777	.000v	83.90	52.41
264	1100	1200	0	15.941	.000v	113.75	97.23
265	1200	1200	0	16.541	.021	212.75	157.36
266	1300	1200	0	18.346	.230 *	370.10	213.65 *
267	1400	1200	0	18.609	.279 *	370.45	224.54 *
268	1500	1200	0	17.112	.075	230.80	182.37

269	1600	1200	0	16.080	.000v	123.55	104.56
270	1700	1200	0	15.823	.000v	85.66	60.51
271	1800	1200	0	15.706	.000v	60.39	28.20
272	1900	1200	0	15.636	.000v	32.07	6.14
273	2000	1200	0	15.605	.000v	9.42	.00v
274	0	1300	0	15.600v	.000v	.00v	.00v
275	100	1300	0	15.600v	.000v	.00v	.00v
276	200	1300	0	15.600v	.000v	.00v	.00v
277	300	1300	0	15.600v	.000v	.00v	.00v
278	400	1300	0	15.600v	.000v	.00v	.00v
279	500	1300	0	15.600v	.000v	.00v	.00v
280	600	1300	0	15.600	.000v	3.03	.00v
281	700	1300	0	15.613	.000v	20.37	.00v
282	800	1300	0	15.657	.000v	42.98	11.31
283	900	1300	0	15.737	.000v	73.44	39.34
284	1000	1300	0	15.859	.000v	102.02	73.67
285	1100	1300	0	16.168	.000v	155.37	125.93
286	1200	1300	0	17.661	.220 *	350.09	204.87 *
287	1300	1300	0	18.663	.266 *	370.56^	223.27 *
288	1400	1300	0	17.943	.217 *	296.57	202.50 *
289	1500	1300	0	16.311	.000v	145.19	125.26
290	1600	1300	0	15.898	.000v	100.41	80.26
291	1700	1300	0	15.746	.000v	70.24	39.11
292	1800	1300	0	15.659	.000v	42.28	12.40
293	1900	1300	0	15.613	.000v	18.24	.00v
294	2000	1300	0	15.600	.000v	2.10	.00v
295	0	1400	0	15.600v	.000v	.00v	.00v
296	100	1400	0	15.600v	.000v	.00v	.00v
297	200	1400	0	15.600v	.000v	.00v	.00v
298	300	1400	0	15.600v	.000v	.00v	.00v
299	400	1400	0	15.600v	.000v	.00v	.00v
300	500	1400	0	15.600v	.000v	.00v	.00v
301	600	1400	0	15.605	.000v	10.25	.00v
302	700	1400	0	15.635	.000v	33.93	5.47
303	800	1400	0	15.701	.000v	61.70	27.26
304	900	1400	0	15.802	.000v	88.34	59.51
305	1000	1400	0	15.999	.000v	125.57	108.84
306	1100	1400	0	16.857	.134	266.02	175.90
307	1200	1400	0	18.514	.228 *	370.30	215.16 *
308	1300	1400	0	18.487	.251 *	367.17	213.68 *
309	1400	1400	0	16.751	.000v	190.76	156.98
310	1500	1400	0	16.007	.000v	113.97	94.09
311	1600	1400	0	15.795	.000v	82.31	52.33
312	1700	1400	0	15.690	.000v	55.44	22.78
313	1800	1400	0	15.627	.000v	28.29	3.58
314	1900	1400	0	15.602	.000v	6.00	.00v
315	2000	1400	0	15.600v	.000v	.00v	.00v
316	0	1500	0	15.600v	.000v	.00v	.00v
317	100	1500	0	15.600v	.000v	.00v	.00v
318	200	1500	0	15.600v	.000v	.00v	.00v
319	300	1500	0	15.600v	.000v	.00v	.00v
320	400	1500	0	15.600v	.000v	.00v	.00v
321	500	1500	0	15.601	.000v	5.23	.00v
322	600	1500	0	15.620	.000v	25.20	.81
323	700	1500	0	15.671	.000v	49.93	16.63
324	800	1500	0	15.757	.000v	79.85	46.82
325	900	1500	0	15.897	.000v	109.74	82.91
326	1000	1500	0	16.326	.000v	176.35	136.78
327	1100	1500	0	18.064	.231 *	365.84	212.63 *
328	1200	1500	0	18.673	.271 *	370.56^	226.15 *
329	1300	1500	0	17.573	.155	290.32	194.46

330	1400	1500	0	16.187	.000v	136.14	115.86
331	1500	1500	0	15.860	.000v	92.75	71.14
332	1600	1500	0	15.727	.000v	65.41	32.64
333	1700	1500	0	15.647	.000v	36.65	9.17
334	1800	1500	0	15.609	.000v	13.19	.00v
335	1900	1500	0	15.600	.000v	.34	.00v
336	2000	1500	0	15.600v	.000v	.00v	.00v
337	0	1600	0	15.600v	.000v	.00v	.00v
338	100	1600	0	15.600v	.000v	.00v	.00v
339	200	1600	0	15.600v	.000v	.00v	.00v
340	300	1600	0	15.600v	.000v	.00v	.00v
341	400	1600	0	15.600	.000v	.86	.00v
342	500	1600	0	15.609	.000v	15.32	.00v
343	600	1600	0	15.646	.000v	37.76	8.24
344	700	1600	0	15.719	.000v	67.41	32.44
345	800	1600	0	15.829	.000v	94.61	67.10
346	900	1600	0	16.072	.000v	137.92	118.52
347	1000	1600	0	17.242	.186	332.46	194.00
348	1100	1600	0	18.619	.250 *	370.56^	212.59 *
349	1200	1600	0	18.283	.223 *	351.75	208.83 *
350	1300	1600	0	16.489	.000v	171.45	135.55
351	1400	1600	0	15.950	.000v	107.79	86.17
352	1500	1600	0	15.771	.000v	76.44	46.19
353	1600	1600	0	15.674	.000v	49.53	17.21
354	1700	1600	0	15.620	.000v	23.05	1.29
355	1800	1600	0	15.601	.000v	4.67	.00v
356	1900	1600	0	15.600v	.000v	.00v	.00v
357	2000	1600	0	15.600v	.000v	.00v	.00v
358	0	1700	0	15.600v	.000v	.00v	.00v
359	100	1700	0	15.600v	.000v	.00v	.00v
360	200	1700	0	15.600v	.000v	.00v	.00v
361	300	1700	0	15.600v	.000v	.00v	.00v
362	400	1700	0	15.602	.000v	6.93	.00v
363	500	1700	0	15.627	.000v	30.38	3.07
364	600	1700	0	15.686	.000v	56.49	22.22
365	700	1700	0	15.779	.000v	84.82	52.90
366	800	1700	0	15.945	.000v	114.93	97.80
367	900	1700	0	16.553	.028	215.84	158.16
368	1000	1700	0	18.361	.235 *	370.13	213.90 *
369	1100	1700	0	18.628	.279 *	370.51	225.70 *
370	1200	1700	0	17.160	.085	239.31	184.66
371	1300	1700	0	16.092	.000v	125.59	106.61
372	1400	1700	0	15.827	.000v	86.88	61.25
373	1500	1700	0	15.708	.000v	61.27	28.86
374	1600	1700	0	15.637	.000v	32.37	6.43
375	1700	1700	0	15.605	.000v	9.76	.00v
376	1800	1700	0	15.600v	.000v	.00v	.00v
377	1900	1700	0	15.600v	.000v	.00v	.00v
378	2000	1700	0	15.600v	.000v	.00v	.00v
379	0	1800	0	15.600v	.000v	.00v	.00v
380	100	1800	0	15.600v	.000v	.00v	.00v
381	200	1800	0	15.600v	.000v	.00v	.00v
382	300	1800	0	15.600	.000v	3.12	.00v
383	400	1800	0	15.614	.000v	20.54	.00v
384	500	1800	0	15.658	.000v	43.22	11.50
385	600	1800	0	15.738	.000v	74.14	39.58
386	700	1800	0	15.861	.000v	103.11	74.45
387	800	1800	0	16.175	.000v	157.10	127.31
388	900	1800	0	17.682	.225 *	350.69	205.90 *
389	1000	1800	0	18.676	.266 *	370.56^	224.25 *
390	1100	1800	0	17.987	.219 *	296.97	203.85 *

391	1200	1800	0	16.330	.000v	147.12	128.01
392	1300	1800	0	15.904	.000v	102.01	81.33
393	1400	1800	0	15.749	.000v	71.20	39.74
394	1500	1800	0	15.661	.000v	42.91	12.98
395	1600	1800	0	15.614	.000v	18.79	.07
396	1700	1800	0	15.600	.000v	2.36	.00v
397	1800	1800	0	15.600v	.000v	.00v	.00v
398	1900	1800	0	15.600v	.000v	.00v	.00v
399	2000	1800	0	15.600v	.000v	.00v	.00v
400	0	1900	0	15.600v	.000v	.00v	.00v
401	100	1900	0	15.600v	.000v	.00v	.00v
402	200	1900	0	15.600v	.000v	.00v	.00v
403	300	1900	0	15.605	.000v	10.43	.00v
404	400	1900	0	15.636	.000v	34.07	5.57
405	500	1900	0	15.702	.000v	62.33	27.44
406	600	1900	0	15.803	.000v	89.36	59.96
407	700	1900	0	16.003	.000v	126.82	110.11
408	800	1900	0	16.874	.134	269.69	176.91
409	900	1900	0	18.527	.228 *	370.30	215.77 *
410	1000	1900	0	18.512	.264 *	367.90	215.06 *
411	1100	1900	0	16.790	.000v	193.17	161.40
412	1200	1900	0	16.017	.000v	115.92	95.57
413	1300	1900	0	15.799	.000v	83.53	53.41
414	1400	1900	0	15.691	.000v	56.31	23.15
415	1500	1900	0	15.628	.000v	28.79	3.92
416	1600	1900	0	15.603	.000v	6.16	.00v
417	1700	1900	0	15.600v	.000v	.00v	.00v
418	1800	1900	0	15.600v	.000v	.00v	.00v
419	1900	1900	0	15.600v	.000v	.00v	.00v
420	2000	1900	0	15.600v	.000v	.00v	.00v
421	0	2000	0	15.600v	.000v	.00v	.00v
422	100	2000	0	15.600v	.000v	.00v	.00v
423	200	2000	0	15.601	.000v	5.29	.00v
424	300	2000	0	15.620	.000v	25.42	.87
425	400	2000	0	15.671	.000v	50.32	16.83
426	500	2000	0	15.758	.000v	80.58	47.23
427	600	2000	0	15.900	.000v	110.75	83.39
428	700	2000	0	16.336	.000v	178.13	138.03
429	800	2000	0	18.083	.232 *	366.15	213.81 *
430	900	2000	0	18.688	.271 *	370.56^	226.15 *
431	1000	2000	0	17.623	.161	294.72	196.18
432	1100	2000	0	16.202	.000v	138.05	118.37
433	1200	2000	0	15.865	.000v	94.21	72.30
434	1300	2000	0	15.729	.000v	66.33	33.05
435	1400	2000	0	15.649	.000v	37.27	9.48
436	1500	2000	0	15.609	.000v	13.75	.00v
437	1600	2000	0	15.600	.000v	.46	.00v
438	1700	2000	0	15.600v	.000v	.00v	.00v
439	1800	2000	0	15.600v	.000v	.00v	.00v
440	1900	2000	0	15.600v	.000v	.00v	.00v
441	2000	2000	0	15.600v	.000v	.00v	.00v
442	0	2100	0	15.600v	.000v	.00v	.00v
443	100	2100	0	15.600	.000v	.93	.00v
444	200	2100	0	15.609	.000v	15.51	.00v
445	300	2100	0	15.646	.000v	37.91	8.35
446	400	2100	0	15.720	.000v	67.97	32.64
447	500	2100	0	15.831	.000v	95.68	67.59
448	600	2100	0	16.078	.000v	139.27	119.74
449	700	2100	0	17.262	.187	334.84	195.12
450	800	2100	0	18.631	.250 *	370.56^	213.68 *
451	900	2100	0	18.317	.224 *	355.04	209.33 *

452	1000	2100	0	16.519	.000v	174.86	138.67
453	1100	2100	0	15.958	.000v	109.23	87.63
454	1200	2100	0	15.774	.000v	77.53	47.07
455	1300	2100	0	15.676	.000v	50.25	17.92
456	1400	2100	0	15.620	.000v	23.65	1.58
457	1500	2100	0	15.601	.000v	4.89	.00v
458	1600	2100	0	15.600v	.000v	.00v	.00v
459	1700	2100	0	15.600v	.000v	.00v	.00v
460	1800	2100	0	15.600v	.000v	.00v	.00v
461	1900	2100	0	15.600v	.000v	.00v	.00v
462	2000	2100	0	15.600v	.000v	.00v	.00v
463	0	2200	0	15.600v	.000v	.00v	.00v
464	100	2200	0	15.603	.000v	7.02	.00v
465	200	2200	0	15.627	.000v	30.54	3.16
466	300	2200	0	15.686	.000v	56.86	22.43
467	400	2200	0	15.780	.000v	85.72	53.37
468	500	2200	0	15.948	.000v	116.05	98.38
469	600	2200	0	16.566	.038	218.88	159.58
470	700	2200	0	18.375	.235 *	370.16	214.77 *
471	800	2200	0	18.647	.282^*	370.55	226.15 *
472	900	2200	0	17.209	.099	247.81	186.38
473	1000	2200	0	16.104	.000v	127.63	108.02
474	1100	2200	0	15.832	.000v	88.20	62.21
475	1200	2200	0	15.710	.000v	62.23	29.52
476	1300	2200	0	15.638	.000v	32.80	6.72
477	1400	2200	0	15.606	.000v	10.08	.00v
478	1500	2200	0	15.600v	.000v	.00v	.00v
479	1600	2200	0	15.600v	.000v	.00v	.00v
480	1700	2200	0	15.600v	.000v	.00v	.00v
481	1800	2200	0	15.600v	.000v	.00v	.00v
482	1900	2200	0	15.600v	.000v	.00v	.00v
483	2000	2200	0	15.600v	.000v	.00v	.00v
484	0	2300	0	15.600	.000v	3.21	.00v
485	100	2300	0	15.614	.000v	20.71	.00v
486	200	2300	0	15.658	.000v	43.47	11.69
487	300	2300	0	15.739	.000v	74.80	39.82
488	400	2300	0	15.864	.000v	104.18	75.23
489	500	2300	0	16.183	.000v	158.81	128.67
490	600	2300	0	17.702	.225 *	351.36	206.93 *
491	700	2300	0	18.688	.266 *	370.56^	224.25 *
492	800	2300	0	18.029	.222 *	304.35	207.59 *
493	900	2300	0	16.349	.000v	149.17	130.44
494	1000	2300	0	15.911	.000v	103.61	82.38
495	1100	2300	0	15.752	.000v	72.17	40.34
496	1200	2300	0	15.662	.000v	43.66	13.32
497	1300	2300	0	15.615	.000v	19.32	.12
498	1400	2300	0	15.600	.000v	2.61	.00v
499	1500	2300	0	15.600v	.000v	.00v	.00v
500	1600	2300	0	15.600v	.000v	.00v	.00v
501	1700	2300	0	15.600v	.000v	.00v	.00v
502	1800	2300	0	15.600v	.000v	.00v	.00v
503	1900	2300	0	15.600v	.000v	.00v	.00v
504	2000	2300	0	15.600v	.000v	.00v	.00v
505	0	2400	0	15.605	.000v	10.61	.00v
506	100	2400	0	15.636	.000v	34.20	5.66
507	200	2400	0	15.702	.000v	62.93	27.63
508	300	2400	0	15.804	.000v	90.33	59.32
509	400	2400	0	16.006	.000v	128.10	109.80
510	500	2400	0	16.888	.130	273.35	177.64
511	600	2400	0	18.537	.228 *	370.30	216.37 *
512	700	2400	0	18.537	.280 *	366.95	217.70 *

513	800	2400	0	16.831	.000v	196.00	165.50
514	900	2400	0	16.026	.000v	117.90	97.24
515	1000	2400	0	15.803	.000v	84.70	54.47
516	1100	2400	0	15.693	.000v	57.19	23.54
517	1200	2400	0	15.629	.000v	29.27	4.26
518	1300	2400	0	15.603	.000v	6.51	.00v
519	1400	2400	0	15.600v	.000v	.00v	.00v
520	1500	2400	0	15.600v	.000v	.00v	.00v
521	1600	2400	0	15.600v	.000v	.00v	.00v
522	1700	2400	0	15.600v	.000v	.00v	.00v
523	1800	2400	0	15.600v	.000v	.00v	.00v
524	1900	2400	0	15.600v	.000v	.00v	.00v
525	2000	2400	0	15.600v	.000v	.00v	.00v
526	0	2500	0	15.620	.000v	25.63	.94
527	100	2500	0	15.668	.000v	50.69	14.62
528	200	2500	0	15.750	.000v	80.85	41.87
529	300	2500	0	15.892	.000v	110.00	79.27
530	400	2500	0	16.335	.000v	179.87	136.81
531	500	2500	0	18.092	.231 *	362.03	214.73 *
532	600	2500	0	18.695^	.273 *	358.43	226.53^*
533	700	2500	0	17.668	.169	298.55	197.52
534	800	2500	0	16.217	.000v	139.95	119.96
535	900	2500	0	15.870	.000v	95.68	73.40
536	1000	2500	0	15.732	.000v	67.25	33.81
537	1100	2500	0	15.650	.000v	37.87	9.79
538	1200	2500	0	15.610	.000v	14.29	.00v
539	1300	2500	0	15.600	.000v	.60	.00v
540	1400	2500	0	15.600v	.000v	.00v	.00v
541	1500	2500	0	15.600v	.000v	.00v	.00v
542	1600	2500	0	15.600v	.000v	.00v	.00v
543	1700	2500	0	15.600v	.000v	.00v	.00v
544	1800	2500	0	15.600v	.000v	.00v	.00v
545	1900	2500	0	15.600v	.000v	.00v	.00v
546	2000	2500	0	15.600v	.000v	.00v	.00v
547	0	2600	0	15.637	.000v	37.02	4.31
548	100	2600	0	15.698	.000v	68.09	25.90
549	200	2600	0	15.802	.000v	94.91	55.51
550	300	2600	0	16.048	.000v	140.63	99.32
551	400	2600	0	17.250	.183	337.15	193.65
552	500	2600	0	18.615	.243 *	345.67	212.24 *
553	600	2600	0	18.330	.223 *	305.50	209.39 *
554	700	2600	0	16.537	.000v	178.16	142.13
555	800	2600	0	15.963	.000v	110.62	89.16
556	900	2600	0	15.777	.000v	78.60	47.76
557	1000	2600	0	15.678	.000v	50.96	18.62
558	1100	2600	0	15.621	.000v	24.25	1.77
559	1200	2600	0	15.601	.000v	5.09	.00v
560	1300	2600	0	15.600v	.000v	.00v	.00v
561	1400	2600	0	15.600v	.000v	.00v	.00v
562	1500	2600	0	15.600v	.000v	.00v	.00v
563	1600	2600	0	15.600v	.000v	.00v	.00v
564	1700	2600	0	15.600v	.000v	.00v	.00v
565	1800	2600	0	15.600v	.000v	.00v	.00v
566	1900	2600	0	15.600v	.000v	.00v	.00v
567	2000	2600	0	15.600v	.000v	.00v	.00v
568	0	2700	0	15.654	.000v	51.33	5.78
569	100	2700	0	15.727	.000v	81.02	26.72
570	200	2700	0	15.882	.000v	116.61	63.57
571	300	2700	0	16.496	.016	203.43	136.53
572	400	2700	0	18.297	.204 *	336.51	205.93 *
573	500	2700	0	18.582	.262 *	274.05	223.54 *

574	600	2700	0	17.214	.112	256.30	186.46
575	700	2700	0	16.099	.000v	129.67	108.97
576	800	2700	0	15.830	.000v	89.52	63.01
577	900	2700	0	15.711	.000v	63.14	30.13
578	1000	2700	0	15.639	.000v	33.16	7.01
579	1100	2700	0	15.606	.000v	10.38	.00v
580	1200	2700	0	15.600v	.000v	.00v	.00v
581	1300	2700	0	15.600v	.000v	.00v	.00v
582	1400	2700	0	15.600v	.000v	.00v	.00v
583	1500	2700	0	15.600v	.000v	.00v	.00v
584	1600	2700	0	15.600v	.000v	.00v	.00v
585	1700	2700	0	15.600v	.000v	.00v	.00v
586	1800	2700	0	15.600v	.000v	.00v	.00v
587	1900	2700	0	15.600v	.000v	.00v	.00v
588	2000	2700	0	15.600v	.000v	.00v	.00v
589	0	2800	0	15.667	.000v	63.57	5.59
590	100	2800	0	15.755	.000v	98.40	28.99
591	200	2800	0	16.034	.000v	160.45	74.30
592	300	2800	0	17.491	.154	351.97	170.41
593	400	2800	0	18.321	.216 *	291.38	206.31 *
594	500	2800	0	17.586	.159	295.80	190.52
595	600	2800	0	16.276	.000v	151.99	126.77
596	700	2800	0	15.886	.000v	105.21	72.78
597	800	2800	0	15.743	.000v	73.15	38.80
598	900	2800	0	15.660	.000v	44.37	12.85
599	1000	2800	0	15.615	.000v	19.84	.12
600	1100	2800	0	15.600	.000v	2.87	.00v
601	1200	2800	0	15.600v	.000v	.00v	.00v
602	1300	2800	0	15.600v	.000v	.00v	.00v
603	1400	2800	0	15.600v	.000v	.00v	.00v
604	1500	2800	0	15.600v	.000v	.00v	.00v
605	1600	2800	0	15.600v	.000v	.00v	.00v
606	1700	2800	0	15.600v	.000v	.00v	.00v
607	1800	2800	0	15.600v	.000v	.00v	.00v
608	1900	2800	0	15.600v	.000v	.00v	.00v
609	2000	2800	0	15.600v	.000v	.00v	.00v
610	0	2900	0	15.668	.000v	73.56	4.57
611	100	2900	0	15.772	.000v	123.70	25.89
612	200	2900	0	16.446	.057	277.00	97.38
613	300	2900	0	17.474	.115	288.01	163.30
614	400	2900	0	16.760	.049	218.38	137.87
615	500	2900	0	16.177	.000v	172.86	107.71
616	600	2900	0	15.905	.000v	117.61	71.56
617	700	2900	0	15.762	.000v	84.77	39.97
618	800	2900	0	15.679	.000v	58.08	17.02
619	900	2900	0	15.626	.000v	29.23	.74
620	1000	2900	0	15.603	.000v	6.96	.00v
621	1100	2900	0	15.600v	.000v	.00v	.00v
622	1200	2900	0	15.600v	.000v	.00v	.00v
623	1300	2900	0	15.600v	.000v	.00v	.00v
624	1400	2900	0	15.600v	.000v	.00v	.00v
625	1500	2900	0	15.600v	.000v	.00v	.00v
626	1600	2900	0	15.600v	.000v	.00v	.00v
627	1700	2900	0	15.600v	.000v	.00v	.00v
628	1800	2900	0	15.600v	.000v	.00v	.00v
629	1900	2900	0	15.600v	.000v	.00v	.00v
630	2000	2900	0	15.600v	.000v	.00v	.00v
631	0	3000	0	15.645	.000v	73.94	1.48
632	100	3000	0	15.730	.000v	134.77	14.41
633	200	3000	0	16.175	.000v	197.21	61.41
634	300	3000	0	16.090	.000v	153.28	74.76

635	400	3000	0	15.937	.000v	133.35	66.51
636	500	3000	0	15.829	.000v	101.52	55.95
637	600	3000	0	15.751	.000v	82.90	36.39
638	700	3000	0	15.687	.000v	55.41	20.40
639	800	3000	0	15.635	.000v	37.67	3.15
640	900	3000	0	15.607	.000v	13.29	.00v
641	1000	3000	0	15.600	.000v	.76	.00v
642	1100	3000	0	15.600v	.000v	.00v	.00v
643	1200	3000	0	15.600v	.000v	.00v	.00v
644	1300	3000	0	15.600v	.000v	.00v	.00v
645	1400	3000	0	15.600v	.000v	.00v	.00v
646	1500	3000	0	15.600v	.000v	.00v	.00v
647	1600	3000	0	15.600v	.000v	.00v	.00v
648	1700	3000	0	15.600v	.000v	.00v	.00v
649	1800	3000	0	15.600v	.000v	.00v	.00v
650	1900	3000	0	15.600v	.000v	.00v	.00v
651	2000	3000	0	15.600v	.000v	.00v	.00v
	wartosci srednie			16.013	.026	78.05	47.61

ZANIECZYSZCZENIE NR 2 - pyl PM10

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

tlo stezenia R = 20.50 [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	20.500v	.000v	.00v	.00v
2	100	0	0	20.500v	.000v	.00v	.00v
3	200	0	0	20.500v	.000v	.00v	.00v
4	300	0	0	20.500v	.000v	.00v	.00v
5	400	0	0	20.500v	.000v	.00v	.00v
6	500	0	0	20.500v	.000v	.00v	.00v
7	600	0	0	20.500v	.000v	.00v	.00v
8	700	0	0	20.500v	.000v	.00v	.00v
9	800	0	0	20.500v	.000v	.00v	.00v
10	900	0	0	20.500v	.000v	.00v	.00v
11	1000	0	0	20.500v	.000v	.00v	.00v
12	1100	0	0	20.500v	.000v	.00v	.00v
13	1200	0	0	20.500v	.000v	.00v	.00v
14	1300	0	0	20.500v	.000v	.00v	.00v
15	1400	0	0	20.500	.000v	.29	.00v
16	1500	0	0	20.501	.000v	1.42	.04
17	1600	0	0	20.504	.000v	2.83	.77
18	1700	0	0	20.507	.000v	4.20	1.72
19	1800	0	0	20.512	.000v	6.17	2.72
20	1900	0	0	20.530	.000v	9.59	4.65
21	2000	0	0	20.609	.000v	21.13	7.36
22	0	100	0	20.500v	.000v	.00v	.00v
23	100	100	0	20.500v	.000v	.00v	.00v
24	200	100	0	20.500v	.000v	.00v	.00v
25	300	100	0	20.500v	.000v	.00v	.00v
26	400	100	0	20.500v	.000v	.00v	.00v
27	500	100	0	20.500v	.000v	.00v	.00v
28	600	100	0	20.500v	.000v	.00v	.00v
29	700	100	0	20.500v	.000v	.00v	.00v
30	800	100	0	20.500v	.000v	.00v	.00v
31	900	100	0	20.500v	.000v	.00v	.00v
32	1000	100	0	20.500v	.000v	.00v	.00v
33	1100	100	0	20.500v	.000v	.00v	.00v

34	1200	100	0	20.500v	.000v	.00v	.00v
35	1300	100	0	20.500	.000v	.04	.00v
36	1400	100	0	20.500	.000v	.86	.00v
37	1500	100	0	20.503	.000v	2.16	.46
38	1600	100	0	20.506	.000v	3.81	1.63
39	1700	100	0	20.511	.000v	5.27	2.95
40	1800	100	0	20.522	.000v	7.41	4.72
41	1900	100	0	20.582	.000v	15.57	9.50
42	2000	100	0	20.635	.000v	21.48	8.19
43	0	200	0	20.500v	.000v	.00v	.00v
44	100	200	0	20.500v	.000v	.00v	.00v
45	200	200	0	20.500v	.000v	.00v	.00v
46	300	200	0	20.500v	.000v	.00v	.00v
47	400	200	0	20.500v	.000v	.00v	.00v
48	500	200	0	20.500v	.000v	.00v	.00v
49	600	200	0	20.500v	.000v	.00v	.00v
50	700	200	0	20.500v	.000v	.00v	.00v
51	800	200	0	20.500v	.000v	.00v	.00v
52	900	200	0	20.500v	.000v	.00v	.00v
53	1000	200	0	20.500v	.000v	.00v	.00v
54	1100	200	0	20.500v	.000v	.00v	.00v
55	1200	200	0	20.500v	.000v	.00v	.00v
56	1300	200	0	20.500	.000v	.39	.00v
57	1400	200	0	20.502	.000v	1.73	.16
58	1500	200	0	20.505	.000v	3.20	1.25
59	1600	200	0	20.510	.000v	4.75	2.75
60	1700	200	0	20.518	.000v	6.46	4.65
61	1800	200	0	20.550	.000v	11.96	7.98
62	1900	200	0	20.649	.000v	21.45	10.77
63	2000	200	0	20.632	.000v	21.45	9.97
64	0	300	0	20.500v	.000v	.00v	.00v
65	100	300	0	20.500v	.000v	.00v	.00v
66	200	300	0	20.500v	.000v	.00v	.00v
67	300	300	0	20.500v	.000v	.00v	.00v
68	400	300	0	20.500v	.000v	.00v	.00v
69	500	300	0	20.500v	.000v	.00v	.00v
70	600	300	0	20.500v	.000v	.00v	.00v
71	700	300	0	20.500v	.000v	.00v	.00v
72	800	300	0	20.500v	.000v	.00v	.00v
73	900	300	0	20.500v	.000v	.00v	.00v
74	1000	300	0	20.500v	.000v	.00v	.00v
75	1100	300	0	20.500v	.000v	.00v	.00v
76	1200	300	0	20.500	.000v	.17	.00v
77	1300	300	0	20.501	.000v	1.16	.00v
78	1400	300	0	20.503	.000v	2.46	.63
79	1500	300	0	20.508	.000v	4.18	2.25
80	1600	300	0	20.514	.000v	5.79	4.18
81	1700	300	0	20.531	.000v	8.75	6.97
82	1800	300	0	20.615	.000v	19.37	11.57
83	1900	300	0	20.671	.000v	21.48^	11.45
84	2000	300	0	20.612	.000v	16.88	10.84
85	0	400	0	20.500v	.000v	.00v	.00v
86	100	400	0	20.500v	.000v	.00v	.00v
87	200	400	0	20.500v	.000v	.00v	.00v
88	300	400	0	20.500v	.000v	.00v	.00v
89	400	400	0	20.500v	.000v	.00v	.00v
90	500	400	0	20.500v	.000v	.00v	.00v
91	600	400	0	20.500v	.000v	.00v	.00v
92	700	400	0	20.500v	.000v	.00v	.00v
93	800	400	0	20.500v	.000v	.00v	.00v
94	900	400	0	20.500v	.000v	.00v	.00v

95	1000	400	0	20.500v	.000v	.00v	.00v
96	1100	400	0	20.500v	.000v	.00v	.00v
97	1200	400	0	20.500	.000v	.57	.00v
98	1300	400	0	20.502	.000v	1.95	.31
99	1400	400	0	20.506	.000v	3.51	1.56
100	1500	400	0	20.511	.000v	5.01	3.40
101	1600	400	0	20.523	.000v	7.10	6.15
102	1700	400	0	20.571	.000v	14.23	10.01
103	1800	400	0	20.666	.000v	21.47	11.98
104	1900	400	0	20.661	.000v	21.18	11.37
105	2000	400	0	20.558	.000v	10.67	8.60
106	0	500	0	20.500v	.000v	.00v	.00v
107	100	500	0	20.500v	.000v	.00v	.00v
108	200	500	0	20.500v	.000v	.00v	.00v
109	300	500	0	20.500v	.000v	.00v	.00v
110	400	500	0	20.500v	.000v	.00v	.00v
111	500	500	0	20.500v	.000v	.00v	.00v
112	600	500	0	20.500v	.000v	.00v	.00v
113	700	500	0	20.500v	.000v	.00v	.00v
114	800	500	0	20.500v	.000v	.00v	.00v
115	900	500	0	20.500v	.000v	.00v	.00v
116	1000	500	0	20.500v	.000v	.00v	.00v
117	1100	500	0	20.500	.000v	.30	.00v
118	1200	500	0	20.501	.000v	1.44	.04
119	1300	500	0	20.504	.000v	2.85	.94
120	1400	500	0	20.509	.000v	4.54	2.66
121	1500	500	0	20.517	.000v	6.24	4.75
122	1600	500	0	20.541	.000v	10.01	7.79
123	1700	500	0	20.641	.000v	21.16	12.17
124	1800	500	0	20.676	.000v	21.48^	12.83
125	1900	500	0	20.607	.000v	16.22	11.06
126	2000	500	0	20.531	.000v	7.67	6.45
127	0	600	0	20.500v	.000v	.00v	.00v
128	100	600	0	20.500v	.000v	.00v	.00v
129	200	600	0	20.500v	.000v	.00v	.00v
130	300	600	0	20.500v	.000v	.00v	.00v
131	400	600	0	20.500v	.000v	.00v	.00v
132	500	600	0	20.500v	.000v	.00v	.00v
133	600	600	0	20.500v	.000v	.00v	.00v
134	700	600	0	20.500v	.000v	.00v	.00v
135	800	600	0	20.500v	.000v	.00v	.00v
136	900	600	0	20.500v	.000v	.00v	.00v
137	1000	600	0	20.500	.000v	.04	.00v
138	1100	600	0	20.500	.000v	.87	.00v
139	1200	600	0	20.503	.000v	2.17	.47
140	1300	600	0	20.507	.000v	3.84	1.86
141	1400	600	0	20.513	.000v	5.36	3.82
142	1500	600	0	20.527	.000v	7.84	6.74
143	1600	600	0	20.593	.000v	18.99	11.12
144	1700	600	0	20.674	.000v	21.48	12.20
145	1800	600	0	20.651	.000v	19.89	11.78
146	1900	600	0	20.549	.000v	9.52	7.61
147	2000	600	0	20.519	.000v	6.07	4.83
148	0	700	0	20.500v	.000v	.00v	.00v
149	100	700	0	20.500v	.000v	.00v	.00v
150	200	700	0	20.500v	.000v	.00v	.00v
151	300	700	0	20.500v	.000v	.00v	.00v
152	400	700	0	20.500v	.000v	.00v	.00v
153	500	700	0	20.500v	.000v	.00v	.00v
154	600	700	0	20.500v	.000v	.00v	.00v
155	700	700	0	20.500v	.000v	.00v	.00v

156	800	700	0	20.500v	.000v	.00v	.00v
157	900	700	0	20.500v	.000v	.00v	.00v
158	1000	700	0	20.500	.000v	.39	.00v
159	1100	700	0	20.502	.000v	1.74	.17
160	1200	700	0	20.505	.000v	3.23	1.26
161	1300	700	0	20.510	.000v	4.81	3.01
162	1400	700	0	20.520	.000v	6.53	5.60
163	1500	700	0	20.554	.000v	12.15	8.99
164	1600	700	0	20.658	.000v	21.45	12.35
165	1700	700	0	20.673	.000v	21.47	12.99
166	1800	700	0	20.585	.000v	12.89	10.46
167	1900	700	0	20.527	.000v	7.04	5.93
168	2000	700	0	20.513	.000v	4.91	3.46
169	0	800	0	20.500v	.000v	.00v	.00v
170	100	800	0	20.500v	.000v	.00v	.00v
171	200	800	0	20.500v	.000v	.00v	.00v
172	300	800	0	20.500v	.000v	.00v	.00v
173	400	800	0	20.500v	.000v	.00v	.00v
174	500	800	0	20.500v	.000v	.00v	.00v
175	600	800	0	20.500v	.000v	.00v	.00v
176	700	800	0	20.500v	.000v	.00v	.00v
177	800	800	0	20.500v	.000v	.00v	.00v
178	900	800	0	20.500	.000v	.17	.00v
179	1000	800	0	20.501	.000v	1.17	.00v
180	1100	800	0	20.503	.000v	2.48	.64
181	1200	800	0	20.508	.000v	4.22	2.27
182	1300	800	0	20.515	.000v	5.85	4.23
183	1400	800	0	20.533	.000v	8.91	7.22
184	1500	800	0	20.618	.000v	20.26	11.82
185	1600	800	0	20.677	.000v	21.48^	12.94
186	1700	800	0	20.633	.000v	17.17	11.64
187	1800	800	0	20.540	.000v	8.31	7.13
188	1900	800	0	20.517	.000v	5.73	4.59
189	2000	800	0	20.508	.000v	4.02	2.22
190	0	900	0	20.500v	.000v	.00v	.00v
191	100	900	0	20.500v	.000v	.00v	.00v
192	200	900	0	20.500v	.000v	.00v	.00v
193	300	900	0	20.500v	.000v	.00v	.00v
194	400	900	0	20.500v	.000v	.00v	.00v
195	500	900	0	20.500v	.000v	.00v	.00v
196	600	900	0	20.500v	.000v	.00v	.00v
197	700	900	0	20.500v	.000v	.00v	.00v
198	800	900	0	20.500v	.000v	.00v	.00v
199	900	900	0	20.500	.000v	.58	.00v
200	1000	900	0	20.502	.000v	1.96	.31
201	1100	900	0	20.506	.000v	3.54	1.57
202	1200	900	0	20.512	.000v	5.07	3.42
203	1300	900	0	20.523	.000v	7.21	6.25
204	1400	900	0	20.572	.000v	15.21	10.14
205	1500	900	0	20.668	.000v	21.47	12.44
206	1600	900	0	20.666	.000v	21.24	12.23
207	1700	900	0	20.565	.000v	10.91	8.91
208	1800	900	0	20.523	.000v	6.50	5.37
209	1900	900	0	20.511	.000v	4.70	2.98
210	2000	900	0	20.505	.000v	3.16	1.30
211	0	1000	0	20.500v	.000v	.00v	.00v
212	100	1000	0	20.500v	.000v	.00v	.00v
213	200	1000	0	20.500v	,000v	.00v	.00v
214	300	1000	0	20.500v	.000v	.00v	.00v
215	400	1000	0	20.500v	.000v	.00v	.00v
216	500	1000	0	20.500v	.000v	.00v	.00v

217	600	1000	0	20.500v	.000v	.00v	.00v
218	700	1000	0	20.500v	.000v	.00v	.00v
219	800	1000	0	20.500	.000v	.30	.00v
220	900	1000	0	20.501	.000v	1.45	.04
221	1000	1000	0	20.504	.000v	2.87	.95
222	1100	1000	0	20.509	.000v	4.59	2.68
223	1200	1000	0	20.517	.000v	6.30	4.78
224	1300	1000	0	20.542	.000v	10.12	7.86
225	1400	1000	0	20.642	.000v	21.19	12.25
226	1500	1000	0	20.677	.000v	21.48^	13.11
227	1600	1000	0	20.612	.000v	16.54	11.17
228	1700	1000	0	20.533	.000v	7.78	6.61
229	1800	1000	0	20.515	.000v	5.29	4.06
230	1900	1000	0	20.507	.000v	3.74	1.87
231	2000	1000	0	20.503	.000v	2.09	.51
232	0	1100	0	20.500v	.000v	.00v	.00v
233	100	1100	0	20.500v	.000v	.00v	.00v
234	200	1100	0	20.500v	.000v	.00v	.00v
235	300	1100	0	20.500v	.000v	.00v	.00v
236	400	1100	0	20.500v	.000v	.00v	.00v
237	500	1100	0	20.500v	.000v	.00v	.00v
238	600	1100	0	20.500v	.000v	.00v	.00v
239	700	1100	0	20.500	.000v	.05	.00v
240	800	1100	0	20.500	.000v	.88	.00v
241	900	1100	0	20.503	.000v	2.18	.47
242	1000	1100	0	20.507	.000v	3.88	1.87
243	1100	1100	0	20.513	.000v	5.42	3.86
244	1200	1100	0	20.527	.000v	7.92	6.80
245	1300	1100	0	20.594	.000v	19.13	11.18
246	1400	1100	0	20.674	.000v	21.48	12.26
247	1500	1100	0	20.653	.000v	20.16	12.01
248	1600	1100	0	20.550	.000v	9.73	7.74
249	1700	1100	0	20.520	.000v	6.16	4.91
250	1800	1100	0	20.510	.000v	4.37	2.63
251	1900	1100	0	20.504	.000v	2.83	.96
252	2000	1100	0	20.501	.000v	1.31	.06
253	0	1200	0	20.500v	.000v	.00v	.00v
254	100	1200	0	20.500v	.000v	.00v	.00v
255	200	1200	0	20.500v	.000v	.00v	.00v
256	300	1200	0	20.500v	.000v	.00v	.00v
257	400	1200	0	20.500v	.000v	.00v	.00v
258	500	1200	0	20.500v	.000v	.00v	.00v
259	600	1200	0	20.500v	.000v	.00v	.00v
260	700	1200	0	20.500	.000v	.40	.00v
261	800	1200	0	20.502	.000v	1.75	.17
262	900	1200	0	20.505	.000v	3.25	1.28
263	1000	1200	0	20.510	.000v	4.86	3.04
264	1100	1200	0	20.520	.000v	6.59	5.64
265	1200	1200	0	20.555	.000v	12.33	9.12
266	1300	1200	0	20.659	.000v	21.46	12.39
267	1400	1200	0	20.674	.000v	21.48	13.02
268	1500	1200	0	20.588	.000v	13.38	10.57
269	1600	1200	0	20.528	.000v	7.16	6.06
270	1700	1200	0	20.513	.000v	4.97	3.51
271	1800	1200	0	20.506	.000v	3.50	1.63
272	1900	1200	0	20.502	.000v	1.86	.36
273	2000	1200	0	20.500	.000v	.55	.00v
274	0	1300	0	20.500v	.000v	.00v	.00v
275	100	1300	0	20.500v	.000v	.00v	.00v
276	200	1300	0	20.500v	.000v	.00v	.00v
277	300	1300	0	20.500v	.000v	.00v	.00v

278	400	1300	0	20.500v	.000v	.00v	.00v
279	500	1300	0	20.500v	.000v	.00v	.00v
280	600	1300	0	20.500	.000v	.18	.00v
281	700	1300	0	20.501	.000v	1.18	.00v
282	800	1300	0	20.503	.000v	2.49	.66
283	900	1300	0	20.508	.000v	4.26	2.28
284	1000	1300	0	20.515	.000v	5.91	4.27
285	1100	1300	0	20.533	.000v	9.01	7.30
286	1200	1300	0	20.619	.000v	20.30	11.88
287	1300	1300	0	20.678	.000v	21.48^	12.94
288	1400	1300	0	20.636	.000v	17.19	11.74
289	1500	1300	0	20.541	.000v	8.42	7.26
290	1600	1300	0	20.517	.000v	5.82	4.65
291	1700	1300	0	20.508	.000v	4.07	2.27
292	1800	1300	0	20.503	.000v	2.45	.72
293	1900	1300	0	20.501	.000v	1.06	.00v
294	2000	1300	0	20.500	.000v	.12	.00v
295	0	1400	0	20.500v	.000v	.00v	.00v
296	100	1400	0	20.500v	.000v	.00v	.00v
297	200	1400	0	20.500v	.000v	.00v	.00v
298	300	1400	0	20.500v	.000v	.00v	.00v
299	400	1400	0	20.500v	.000v	.00v	.00v
300	500	1400	0	20.500v	.000v	.00v	.00v
301	600	1400	0	20.500	.000v	.59	.00v
302	700	1400	0	20.502	.000v	1.97	.32
303	800	1400	0	20.506	.000v	3.58	1.58
304	900	1400	0	20.512	.000v	5.12	3.45
305	1000	1400	0	20.523	.000v	7.28	6.31
306	1100	1400	0	20.573	.000v	15.42	10.20
307	1200	1400	0	20.669	.000v	21.47	12.47
308	1300	1400	0	20.667	.000v	21.28	12.39
309	1400	1400	0	20.567	.000v	11.06	9.10
310	1500	1400	0	20.524	.000v	6.61	5.45
311	1600	1400	0	20.511	.000v	4.77	3.03
312	1700	1400	0	20.505	.000v	3.21	1.32
313	1800	1400	0	20.502	.000v	1.64	.21
314	1900	1400	0	20.500	.000v	.35	.00v
315	2000	1400	0	20.500v	.000v	.00v	.00v
316	0	1500	0	20.500v	.000v	.00v	.00v
317	100	1500	0	20.500v	.000v	.00v	.00v
318	200	1500	0	20.500v	.000v	.00v	.00v
319	300	1500	0	20.500v	.000v	.00v	.00v
320	400	1500	0	20.500v	.000v	.00v	.00v
321	500	1500	0	20.500	.000v	.30	.00v
322	600	1500	0	20.501	.000v	1.46	.05
323	700	1500	0	20.504	.000v	2.89	.96
324	800	1500	0	20.509	.000v	4.63	2.71
325	900	1500	0	20.517	.000v	6.36	4.81
326	1000	1500	0	20.542	.000v	10.22	7.93
327	1100	1500	0	20.643	.000v	21.21	12.33
328	1200	1500	0	20.678	.000v	21.48^	13.11
329	1300	1500	0	20.614	.000v	16.83	11.27
330	1400	1500	0	20.534	.000v	7.89	6.72
331	1500	1500	0	20.515	.000v	5.38	4.12
332	1600	1500	0	20.507	.000v	3.79	1.89
333	1700	1500	0	20.503	.000v	2.12	.53
334	1800	1500	0	20.501	.000v	.76	.00v
335	1900	1500	0	20.500v	.000v	.02	.00v
336	2000	1500	0	20.500v	.000v	.00v	.00v
337	0	1600	0	20.500v	.000v	.00v	.00v
338	100	1600	0	20.500v	.000v	.00v	.00v

339	200	1600	0	20.500v	.000v	.00v	.00v
340	300	1600	0	20.500v	.000v	.00v	.00v
341	400	1600	0	20.500	.000v	.05	.00v
342	500	1600	0	20.501	.000v	.89	.00v
343	600	1600	0	20.503	.000v	2.19	.48
344	700	1600	0	20.507	.000v	3.91	1.88
345	800	1600	0	20.513	.000v	5.48	3.89
346	900	1600	0	20.527	.000v	8.00	6.87
347	1000	1600	0	20.595	.000v	19.27	11.25
348	1100	1600	0	20.675	.000v	21.48^	12.32
349	1200	1600	0	20.656	.000v	20.39	12.11
350	1300	1600	0	20.552	.000v	9.94	7.86
351	1400	1600	0	20.520	.000v	6.25	5.00
352	1500	1600	0	20.510	.000v	4.43	2.68
353	1600	1600	0	20.504	.000v	2.87	1.00
354	1700	1600	0	20.501	.000v	1.34	.07
355	1800	1600	0	20.500	.000v	.27	.00v
356	1900	1600	0	20.500v	.000v	.00v	.00v
357	2000	1600	0	20.500v	.000v	.00v	.00v
358	0	1700	0	20.500v	.000v	.00v	.00v
359	100	1700	0	20.500v	.000v	.00v	.00v
360	200	1700	0	20.500v	.000v	.00v	.00v
361	300	1700	0	20.500v	.000v	.00v	.00v
362	400	1700	0	20.500	.000v	.40	.00v
363	500	1700	0	20.502	.000v	1.76	.18
364	600	1700	0	20.505	.000v	3.27	1.29
365	700	1700	0	20.510	.000v	4.92	3.07
366	800	1700	0	20.520	.000v	6.66	5.67
367	900	1700	0	20.555	.000v	12.51	9.17
368	1000	1700	0	20.660	.000v	21.46	12.40
369	1100	1700	0	20.676	.000v	21.48	13.08
370	1200	1700	0	20.590	.000v	13.87	10.70
371	1300	1700	0	20.528	.000v	7.28	6.18
372	1400	1700	0	20.513	.000v	5.04	3.55
373	1500	1700	0	20.506	.000v	3.55	1.67
374	1600	1700	0	20.502	.000v	1.88	.37
375	1700	1700	0	20.500	.000v	.57	.00v
376	1800	1700	0	20.500v	.000v	.00v	.00v
377	1900	1700	0	20.500v	.000v	.00v	.00v
378	2000	1700	0	20.500v	.000v	.00v	.00v
379	0	1800	0	20.500v	.000v	.00v	.00v
380	100	1800	0	20.500v	.000v	.00v	.00v
381	200	1800	0	20.500v	.000v	.00v	.00v
382	300	1800	0	20.500	.000v	.18	.00v
383	400	1800	0	20.501	.000v	1.19	.00v
384	500	1800	0	20.503	.000v	2.51	.67
385	600	1800	0	20.508	.000v	4.30	2.29
386	700	1800	0	20.515	.000v	5.98	4.32
387	800	1800	0	20.533	.000v	9.11	7.38
388	900	1800	0	20.621	.000v	20.33	11.94
389	1000	1800	0	20.678	.000v	21.48^	13.00
390	1100	1800	0	20.638	.000v	17.22	11.82
391	1200	1800	0	20.542	.000v	8.53	7.42
392	1300	1800	0	20.518	.000v	5.91	4.71
393	1400	1800	0	20.509	.000v	4.13	2.30
394	1500	1800	0	20.504	.000v	2.49	.75
395	1600	1800	0	20.501	.000v	1.09	.00
396	1700	1800	0	20.500	.000v	.14	.00v
397	1800	1800	0	20.500v	.000v	.00v	.00v
398	1900	1800	0	20.500v	.000v	.00v	.00v
399	2000	1800	0	20.500v	.000v	.00v	.00v

400	0	1900	0	20.500v	.000v	.00v	.00v
401	100	1900	0	20.500v	.000v	.00v	.00v
402	200	1900	0	20.500v	.000v	.00v	.00v
403	300	1900	0	20.500	.000v	.60	.00v
404	400	1900	0	20.502	.000v	1.97	.32
405	500	1900	0	20.506	.000v	3.61	1.59
406	600	1900	0	20.512	.000v	5.18	3.48
407	700	1900	0	20.523	.000v	7.35	6.38
408	800	1900	0	20.574	.000v	15.63	10.26
409	900	1900	0	20.670	.000v	21.47	12.51
410	1000	1900	0	20.669	.000v	21.33	12.47
411	1100	1900	0	20.569	.000v	11.20	9.36
412	1200	1900	0	20.524	.000v	6.72	5.54
413	1300	1900	0	20.512	.000v	4.84	3.10
414	1400	1900	0	20.505	.000v	3.26	1.34
415	1500	1900	0	20.502	.000v	1.67	.23
416	1600	1900	0	20.500	.000v	.36	.00v
417	1700	1900	0	20.500v	.000v	.00v	.00v
418	1800	1900	0	20.500v	.000v	.00v	.00v
419	1900	1900	0	20.500v	.000v	.00v	.00v
420	2000	1900	0	20.500v	.000v	.00v	.00v
421	0	2000	0	20.500v	.000v	.00v	.00v
422	100	2000	0	20.500v	.000v	.00v	.00v
423	200	2000	0	20.500	.000v	.31	.00v
424	300	2000	0	20.501	.000v	1.47	.05
425	400	2000	0	20.504	.000v	2.92	.98
426	500	2000	0	20.509	.000v	4.67	2.74
427	600	2000	0	20.517	.000v	6.42	4.83
428	700	2000	0	20.543	.000v	10.33	8.00
429	800	2000	0	20.644	.000v	21.23	12.39
430	900	2000	0	20.679	.000v	21.48^	13.11
431	1000	2000	0	20.617	.000v	17.09	11.37
432	1100	2000	0	20.535	.000v	8.00	6.86
433	1200	2000	0	20.515	.000v	5.46	4.19
434	1300	2000	0	20.507	.000v	3.85	1.92
435	1400	2000	0	20.503	.000v	2.16	.55
436	1500	2000	0	20.501	.000v	.80	.00v
437	1600	2000	0	20.500	.000v	.03	.00v
438	1700	2000	0	20.500v	.000v	.00v	.00v
439	1800	2000	0	20.500v	.000v	.00v	.00v
440	1900	2000	0	20.500v	.000v	.00v	.00v
441	2000	2000	0	20.500v	.000v	.00v	.00v
442	0	2100	0	20.500v	.000v	.00v	.00v
443	100	2100	0	20.500	.000v	.05	.00v
444	200	2100	0	20.501	.000v	.90	.00v
445	300	2100	0	20.503	.000v	2.20	.48
446	400	2100	0	20.507	.000v	3.94	1.89
447	500	2100	0	20.513	.000v	5.55	3.92
448	600	2100	0	20.528	.000v	8.07	6.94
449	700	2100	0	20.596	.000v	19.41	11.31
450	800	2100	0	20.676	.000v	21.48^	12.39
451	900	2100	0	20.658	.000v	20.58	12.14
452	1000	2100	0	20.553	.000v	10.14	8.04
453	1100	2100	0	20.521	.000v	6.33	5.08
454	1200	2100	0	20.510	.000v	4.49	2.73
455	1300	2100	0	20.504	.000v	2.91	1.04
456	1400	2100	0	20.501	.000v	1.37	.09
457	1500	2100	0	20.500	.000v	.28	.00v
458	1600	2100	0	20.500v	.000v	.00v	.00v
459	1700	2100	0	20.500v	.000v	.00v	.00v
460	1800	2100	0	20.500v	.000v	.00v	.00v

461	1900	2100	0	20.500v	.000v	.00v	.00v
462	2000	2100	0	20.500v	.000v	.00v	.00v
463	0	2200	0	20.500v	.000v	.00v	.00v
464	100	2200	0	20.500	.000v	.41	.00v
465	200	2200	0	20.502	.000v	1.77	.18
466	300	2200	0	20.505	.000v	3.30	1.30
467	400	2200	0	20.510	.000v	4.97	3.09
468	500	2200	0	20.520	.000v	6.73	5.70
469	600	2200	0	20.556	.000v	12.69	9.25
470	700	2200	0	20.661	.000v	21.46	12.45
471	800	2200	0	20.677	.000v	21.48	13.11
472	900	2200	0	20.593	.000v	14.37	10.80
473	1000	2200	0	20.529	.000v	7.40	6.26
474	1100	2200	0	20.513	.000v	5.11	3.61
475	1200	2200	0	20.506	.000v	3.61	1.71
476	1300	2200	0	20.502	.000v	1.90	.39
477	1400	2200	0	20.500	.000v	.58	.00v
478	1500	2200	0	20.500v	.000v	.00v	.00v
479	1600	2200	0	20.500v	.000v	.00v	.00v
480	1700	2200	0	20.500v	.000v	.00v	.00v
481	1800	2200	0	20.500v	.000v	.00v	.00v
482	1900	2200	0	20.500v	.000v	.00v	.00v
483	2000	2200	0	20.500v	.000v	.00v	.00v
484	0	2300	0	20.500	.000v	.19	.00v
485	100	2300	0	20.501	.000v	1.20	.00v
486	200	2300	0	20.503	.000v	2.52	.68
487	300	2300	0	20.508	.000v	4.34	2.31
488	400	2300	0	20.515	.000v	6.04	4.36
489	500	2300	0	20.534	.000v	9.21	7.46
490	600	2300	0	20.622	.000v	20.37	12.00
491	700	2300	0	20.679	.000v	21.48^	13.00
492	800	2300	0	20.641	.000v	17.64	12.03
493	900	2300	0	20.543	.000v	8.65	7.56
494	1000	2300	0	20.518	.000v	6.01	4.78
495	1100	2300	0	20.509	.000v	4.18	2.34
496	1200	2300	0	20.504	.000v	2.53	.77
497	1300	2300	0	20.501	.000v	1.12	.01
498	1400	2300	0	20.500	.000v	.15	.00v
499	1500	2300	0	20.500v	.000v	.00v	.00v
500	1600	2300	0	20.500v	.000v	.00v	.00v
501	1700	2300	0	20.500v	.000v	.00v	.00v
502	1800	2300	0	20.500v	.000v	.00v	.00v
503	1900	2300	0	20.500v	.000v	.00v	.00v
504	2000	2300	0	20.500v	.000v	.00v	.00v
505	0	2400	0	20.500	.000v	.62	.00v
506	100	2400	0	20.502	.000v	1.98	.33
507	200	2400	0	20.506	.000v	3.65	1.60
508	300	2400	0	20.512	.000v	5.24	3.44
509	400	2400	0	20.524	.000v	7.43	6.36
510	500	2400	0	20.575	.000v	15.85	10.30
511	600	2400	0	20.670	.000v	21.47	12.54
512	700	2400	0	20.670	.000v	21.27	12.62
513	800	2400	0	20.571	.000v	11.36	9.59
514	900	2400	0	20.525	.000v	6.83	5.64
515	1000	2400	0	20.512	.000v	4.91	3.16
516	1100	2400	0	20.505	.000v	3.32	1.36
517	1200	2400	0	20.502	.000v	1.70	.25
518	1300	2400	0	20.500	.000v	.38	.00v
519	1400	2400	0	20.500v	.000v	.00v	.00v
520	1500	2400	0	20.500v	.000v	.00v	.00v
521	1600	2400	0	20.500v	.000v	.00v	.00v

522	1700	2400	0	20.500v	.000v	.00v	.00v
523	1800	2400	0	20.500v	.000v	.00v	.00v
524	1900	2400	0	20.500v	.000v	.00v	.00v
525	2000	2400	0	20.500v	.000v	.00v	.00v
526	0	2500	0	20.501	.000v	1.49	.05
527	100	2500	0	20.504	.000v	2.94	.85
528	200	2500	0	20.509	.000v	4.69	2.43
529	300	2500	0	20.517	.000v	6.38	4.60
530	400	2500	0	20.543	.000v	10.43	7.93
531	500	2500	0	20.644	.000v	20.99	12.45
532	600	2500	0	20.679^	.000v	20.78	13.13^
533	700	2500	0	20.620	.000v	17.31	11.45
534	800	2500	0	20.536	.000v	8.11	6.95
535	900	2500	0	20.516	.000v	5.55	4.25
536	1000	2500	0	20.508	.000v	3.90	1.96
537	1100	2500	0	20.503	.000v	2.20	.57
538	1200	2500	0	20.501	.000v	.83	.00v
539	1300	2500	0	20.500	.000v	.03	.00v
540	1400	2500	0	20.500v	.000v	.00v	.00v
541	1500	2500	0	20.500v	.000v	.00v	.00v
542	1600	2500	0	20.500v	.000v	.00v	.00v
543	1700	2500	0	20.500v	.000v	.00v	.00v
544	1800	2500	0	20.500v	.000v	.00v	.00v
545	1900	2500	0	20.500v	.000v	.00v	.00v
546	2000	2500	0	20.500v	.000v	.00v	.00v
547	0	2600	0	20.502	.000v	2.15	.25
548	100	2600	0	20.506	.000v	3.95	1.50
549	200	2600	0	20.512	.000v	5.50	3.22
550	300	2600	0	20.526	.000v	8.15	5.76
551	400	2600	0	20.596	.000v	19.54	11.23
552	500	2600	0	20.675	.000v	20.04	12.30
553	600	2600	0	20.658	.000v	17.71	12.14
554	700	2600	0	20.554	.000v	10.33	8.24
555	800	2600	0	20.521	.000v	6.41	5.17
556	900	2600	0	20.510	.000v	4.56	2.77
557	1000	2600	0	20.504	.000v	2.95	1.08
558	1100	2600	0	20.501	.000v	1.41	.10
559	1200	2600	0	20.500	.000v	.30	.00v
560	1300	2600	0	20.500v	.000v	.00v	.00v
561	1400	2600	0	20.500v	.000v	.00v	.00v
562	1500	2600	0	20.500v	.000v	.00v	.00v
563	1600	2600	0	20.500v	.000v	.00v	.00v
564	1700	2600	0	20.500v	.000v	.00v	.00v
565	1800	2600	0	20.500v	.000v	.00v	.00v
566	1900	2600	0	20.500v	.000v	.00v	.00v
567	2000	2600	0	20.500v	.000v	.00v	.00v
568	0	2700	0	20.503	.000v	2.98	.34
569	100	2700	0	20.507	.000v	4.70	1.55
570	200	2700	0	20.516	.000v	6.76	3.69
571	300	2700	0	20.552	.000v	11.79	7.91
572	400	2700	0	20.656	.000v	19.51	11.94
573	500	2700	0	20.673	.000v	15.89	12.96
574	600	2700	0	20.594	.000v	14.86	10.81
575	700	2700	0	20.529	.000v	7.52	6.32
576	800	2700	0	20.513	.000v	5.19	3.65
577	900	2700	0	20.506	.000v	3.66	1.75
578	1000	2700	0	20.502	.000v	1.92	.41
579	1100	2700	0	20.500	.000v	.60	.00v
580	1200	2700	0	20.500v	.000v	.00v	.00v
581	1300	2700	0	20.500v	.000v	.00v	.00v
582	1400	2700	0	20.500v	.000v	.00v	.00v

583	1500	2700	0	20.500v	.000v	.00v	.00v
584	1600	2700	0	20.500v	.000v	.00v	.00v
585	1700	2700	0	20.500v	.000v	.00v	.00v
586	1800	2700	0	20.500v	.000v	.00v	.00v
587	1900	2700	0	20.500v	.000v	.00v	.00v
588	2000	2700	0	20.500v	.000v	.00v	.00v
589	0	2800	0	20.504	.000v	3.69	.32
590	100	2800	0	20.509	.000v	5.70	1.68
591	200	2800	0	20.525	.000v	9.30	4.31
592	300	2800	0	20.610	.000v	20.40	9.88
593	400	2800	0	20.658	.000v	16.89	11.96
594	500	2800	0	20.615	.000v	17.15	11.04
595	600	2800	0	20.539	.000v	8.81	7.35
596	700	2800	0	20.517	.000v	6.10	4.22
597	800	2800	0	20.508	.000v	4.24	2.25
598	900	2800	0	20.503	.000v	2.57	.74
599	1000	2800	0	20.501	.000v	1.15	.01
600	1100	2800	0	20.500	.000v	.17	.00v
601	1200	2800	0	20.500v	.000v	.00v	.00v
602	1300	2800	0	20.500v	.000v	.00v	.00v
603	1400	2800	0	20.500v	.000v	.00v	.00v
604	1500	2800	0	20.500v	.000v	.00v	.00v
605	1600	2800	0	20.500v	.000v	.00v	.00v
606	1700	2800	0	20.500v	.000v	.00v	.00v
607	1800	2800	0	20.500v	.000v	.00v	.00v
608	1900	2800	0	20.500v	.000v	.00v	.00v
609	2000	2800	0	20.500v	.000v	.00v	.00v
610	0	2900	0	20.504	.000v	4.26	.27
611	100	2900	0	20.510	.000v	7.17	1.50
612	200	2900	0	20.549	.000v	16.06	5.65
613	300	2900	0	20.609	.000v	16.70	9.47
614	400	2900	0	20.567	.000v	12.66	7.99
615	500	2900	0	20.533	.000v	10.02	6.24
616	600	2900	0	20.518	.000v	6.82	4.15
617	700	2900	0	20.509	.000v	4.91	2.32
618	800	2900	0	20.505	.000v	3.37	.99
619	900	2900	0	20.502	.000v	1.69	.04
620	1000	2900	0	20.500	.000v	.40	.00v
621	1100	2900	0	20.500v	.000v	.00v	.00v
622	1200	2900	0	20.500v	.000v	.00v	.00v
623	1300	2900	0	20.500v	.000v	.00v	.00v
624	1400	2900	0	20.500v	.000v	.00v	.00v
625	1500	2900	0	20.500v	.000v	.00v	.00v
626	1600	2900	0	20.500v	.000v	.00v	.00v
627	1700	2900	0	20.500v	.000v	.00v	.00v
628	1800	2900	0	20.500v	.000v	.00v	.00v
629	1900	2900	0	20.500v	.000v	.00v	.00v
630	2000	2900	0	20.500v	.000v	.00v	.00v
631	0	3000	0	20.503	.000v	4.29	.09
632	100	3000	0	20.508	.000v	7.81	.84
633	200	3000	0	20.533	.000v	11.43	3.56
634	300	3000	0	20.528	.000v	8.89	4.33
635	400	3000	0	20.520	.000v	7.73	3.86
636	500	3000	0	20.513	.000v	5.89	3.24
637	600	3000	0	20.509	.000v	4.81	2.11
638	700	3000	0	20.505	.000v	3.21	1.18
639	800	3000	0	20.502	.000v	2.18	.18
640	900	3000	0	20.500	.000v	.77	.00v
641	1000	3000	0	20.500	.000v	.04	.00v
642	1100	3000	0	20.500v	.000v	.00v	.00v
643	1200	3000	0	20.500v	.000v	.00v	.00v

644	1300	3000	0	20.500v	.000v	.00v	.00v
645	1400	3000	0	20.500v	.000v	.00v	.00v
646	1500	3000	0	20.500v	.000v	.00v	.00v
647	1600	3000	0	20.500v	.000v	.00v	.00v
648	1700	3000	0	20.500v	.000v	.00v	.00v
649	1800	3000	0	20.500v	.000v	.00v	.00v
650	1900	3000	0	20.500v	.000v	.00v	.00v
651	2000	3000	0	20.500v	.000v	.00v	.00v
	wartosci srednie			20.524	.000	4.52	2.76

ZANIECZYSZCZENIE NR 3 - benzen

dopuszczalne D1 = 30.000 [ug/m3] Da = 5.0000 [ug/m3]
tlo stezenia R = 2.300 [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	2.3000v	.000v	.000v	.000v
2	100	0	0	2.3000v	.000v	.000v	.000v
3	200	0	0	2.3000v	.000v	.000v	.000v
4	300	0	0	2.3000v	.000v	.000v	.000v
5	400	0	0	2.3000v	.000v	.000v	.000v
6	500	0	0	2.3000v	.000v	.000v	.000v
7	600	0	0	2.3000v	.000v	.000v	.000v
8	700	0	0	2.3000v	.000v	.000v	.000v
9	800	0	0	2.3000v	.000v	.000v	.000v
10	900	0	0	2.3000v	.000v	.000v	.000v
11	1000	0	0	2.3000v	.000v	.000v	.000v
12	1100	0	0	2.3000v	.000v	.000v	.000v
13	1200	0	0	2.3000v	.000v	.000v	.000v
14	1300	0	0	2.3000v	.000v	.000v	.000v
15	1400	0	0	2.3000	.000v	.022	.000v
16	1500	0	0	2.3001	.000v	.107	.003
17	1600	0	0	2.3003	.000v	.212	.058
18	1700	0	0	2.3005	.000v	.315	.129
19	1800	0	0	2.3009	.000v	.462	.204
20	1900	0	0	2.3023	.000v	.719	.348
21	2000	0	0	2.3082	.000v	1.585	.552
22	0	100	0	2.3000v	.000v	.000v	.000v
23	100	100	0	2.3000v	.000v	.000v	.000v
24	200	100	0	2.3000v	.000v	.000v	.000v
25	300	100	0	2.3000v	.000v	.000v	.000v
26	400	100	0	2.3000v	.000v	.000v	.000v
27	500	100	0	2.3000v	.000v	.000v	.000v
28	600	100	0	2.3000v	.000v	.000v	.000v
29	700	100	0	2.3000v	.000v	.000v	.000v
30	800	100	0	2.3000v	.000v	.000v	.000v
31	900	100	0	2.3000v	.000v	.000v	.000v
32	1000	100	0	2.3000v	.000v	.000v	.000v
33	1100	100	0	2.3000v	.000v	.000v	.000v
34	1200	100	0	2.3000v	.000v	.000v	.000v
35	1300	100	0	2.3000	.000v	.003	.000v
36	1400	100	0	2.3000	.000v	.064	.000v
37	1500	100	0	2.3002	.000v	.162	.034
38	1600	100	0	2.3005	.000v	.286	.123
39	1700	100	0	2.3008	.000v	.395	.221
40	1800	100	0	2.3017	.000v	.556	.354
41	1900	100	0	2.3062	.000v	1.168	.712
42	2000	100	0	2.3101	.000v	1.611	.615

43	0	200	0	2.3000v	.000v	.000v	.000v
44	100	200	0	2.3000v	.000v	.000v	.000v
45	200	200	0	2.3000v	.000v	.000v	.000v
46	300	200	0	2.3000v	.000v	.000v	.000v
47	400	200	0	2.3000v	.000v	.000v	.000v
48	500	200	0	2.3000v	.000v	.000v	.000v
49	600	200	0	2.3000v	.000v	.000v	.000v
50	700	200	0	2.3000v	.000v	.000v	.000v
51	800	200	0	2.3000v	.000v	.000v	.000v
52	900	200	0	2.3000v	.000v	.000v	.000v
53	1000	200	0	2.3000v	.000v	.000v	.000v
54	1100	200	0	2.3000v	.000v	.000v	.000v
55	1200	200	0	2.3000v	.000v	.000v	.000v
56	1300	200	0	2.3000	.000v	.029	.000v
57	1400	200	0	2.3001	.000v	.130	.012
58	1500	200	0	2.3004	.000v	.240	.094
59	1600	200	0	2.3007	.000v	.356	.207
60	1700	200	0	2.3013	.000v	.485	.349
61	1800	200	0	2.3037	.000v	.897	.598
62	1900	200	0	2.3112	.000v	1.609	.807
63	2000	200	0	2.3099	.000v	1.609	.747
64	0	300	0	2.3000v	.000v	.000v	.000v
65	100	300	0	2.3000v	.000v	.000v	.000v
66	200	300	0	2.3000v	.000v	.000v	.000v
67	300	300	0	2.3000v	.000v	.000v	.000v
68	400	300	0	2.3000v	.000v	.000v	.000v
69	500	300	0	2.3000v	.000v	.000v	.000v
70	600	300	0	2.3000v	.000v	.000v	.000v
71	700	300	0	2.3000v	.000v	.000v	.000v
72	800	300	0	2.3000v	.000v	.000v	.000v
73	900	300	0	2.3000v	.000v	.000v	.000v
74	1000	300	0	2.3000v	.000v	.000v	.000v
75	1100	300	0	2.3000v	.000v	.000v	.000v
76	1200	300	0	2.3000	.000v	.012	.000v
77	1300	300	0	2.3001	.000v	.087	.000v
78	1400	300	0	2.3002	.000v	.185	.047
79	1500	300	0	2.3006	.000v	.314	.169
80	1600	300	0	2.3011	.000v	.434	.314
81	1700	300	0	2.3023	.000v	.656	.523
82	1800	300	0	2.3086	.000v	1.453	.868
83	1900	300	0	2.3128	.000v	1.611^	.859
84	2000	300	0	2.3084	.000v	1.266	.813
85	0	400	0	2.3000v	.000v	.000v	.000v
86	100	400	0	2.3000v	.000v	.000v	.000v
87	200	400	0	2.3000v	.000v	.000v	.000v
88	300	400	0	2.3000v	.000v	.000v	.000v
89	400	400	0	2.3000v	.000v	.000v	.000v
90	500	400	0	2.3000v	.000v	.000v	.000v
91	600	400	0	2.3000v	.000v	.000v	.000v
92	700	400	0	2.3000v	.000v	.000v	.000v
93	800	400	0	2.3000v	.000v	.000v	.000v
94	900	400	0	2.3000v	.000v	.000v	.000v
95	1000	400	0	2.3000v	.000v	.000v	.000v
96	1100	400	0	2.3000v	.000v	.000v	.000v
97	1200	400	0	2.3000	.000v	.043	.000v
98	1300	400	0	2.3002	.000v	.146	.023
99	1400	400	0	2.3004	.000v	.263	.117
100	1500	400	0	2.3009	.000v	.376	.255
101	1600	400	0	2.3017	.000v	.532	.461
102	1700	400	0	2.3053	.000v	1.067	.751
103	1800	400	0	2.3125	.000v	1.610	.899

104	1900	400	0	2.3121	.000v	1.588	.852
105	2000	400	0	2.3043	.000v	.800	.645
106	0	500	0	2.3000v	.000v	.000v	.000v
107	100	500	0	2.3000v	.000v	.000v	.000v
108	200	500	0	2.3000v	.000v	.000v	.000v
109	300	500	0	2.3000v	.000v	.000v	.000v
110	400	500	0	2.3000v	.000v	.000v	.000v
111	500	500	0	2.3000v	.000v	.000v	.000v
112	600	500	0	2.3000v	.000v	.000v	.000v
113	700	500	0	2.3000v	.000v	.000v	.000v
114	800	500	0	2.3000v	.000v	.000v	.000v
115	900	500	0	2.3000v	.000v	.000v	.000v
116	1000	500	0	2.3000v	.000v	.000v	.000v
117	1100	500	0	2.3000	.000v	.022	.000v
118	1200	500	0	2.3001	.000v	.108	.003
119	1300	500	0	2.3003	.000v	.214	.071
120	1400	500	0	2.3007	.000v	.340	.200
121	1500	500	0	2.3013	.000v	.468	.356
122	1600	500	0	2.3031	.000v	.751	.584
123	1700	500	0	2.3105	.000v	1.587	.912
124	1800	500	0	2.3132	.000v	1.611^	.962
125	1900	500	0	2.3081	.000v	1.217	.829
126	2000	500	0	2.3023	.000v	.575	.484
127	0	600	0	2.3000v	.000v	.000v	.000v
128	100	600	0	2.3000v	.000v	.000v	.000v
129	200	600	0	2.3000v	.000v	.000v	.000v
130	300	600	0	2.3000v	.000v	.000v	.000v
131	400	600	0	2.3000v	.000v	.000v	.000v
132	500	600	0	2.3000v	.000v	.000v	.000v
133	600	600	0	2.3000v	.000v	.000v	.000v
134	700	600	0	2.3000v	.000v	.000v	.000v
135	800	600	0	2.3000v	.000v	.000v	.000v
136	900	600	0	2.3000v	.000v	.000v	.000v
137	1000	600	0	2.3000	.000v	.003	.000v
138	1100	600	0	2.3000	.000v	.065	.000v
139	1200	600	0	2.3002	.000v	.163	.035
140	1300	600	0	2.3005	.000v	.288	.139
141	1400	600	0	2.3010	.000v	.402	.286
142	1500	600	0	2.3020	.000v	.588	.505
143	1600	600	0	2.3070	.000v	1.424	.834
144	1700	600	0	2.3130	.000v	1.611	.915
145	1800	600	0	2.3113	.000v	1.491	.883
146	1900	600	0	2.3036	.000v	.714	.571
147	2000	600	0	2.3014	.000v	.456	.363
148	0	700	0	2.3000v	.000v	.000v	.000v
149	100	700	0	2.3000v	.000v	.000v	.000v
150	200	700	0	2.3000v	.000v	.000v	.000v
151	300	700	0	2.3000v	.000v	.000v	.000v
152	400	700	0	2.3000v	.000v	.000v	.000v
153	500	700	0	2.3000v	.000v	.000v	.000v
154	600	700	0	2.3000v	.000v	.000v	.000v
155	700	700	0	2.3000v	.000v	.000v	.000v
156	800	700	0	2.3000v	.000v	.000v	.000v
157	900	700	0	2.3000v	.000v	.000v	.000v
158	1000	700	0	2.3000	.000v	.029	.000v
159	1100	700	0	2.3001	.000v	.131	.013
160	1200	700	0	2.3004	.000v	.242	.095
161	1300	700	0	2.3008	.000v	.361	.226
162	1400	700	0	2.3015	.000v	.490	.420
163	1500	700	0	2.3040	.000v	.911	.674
164	1600	700	0	2.3119	.000v	1.609	.926

165	1700	700	0	2.3130	.000v	1.610	.974
166	1800	700	0	2.3064	.000v	.967	.784
167	1900	700	0	2.3020	.000v	.528	.445
168	2000	700	0	2.3009	.000v	.368	.260
169	0	800	0	2.3000v	.000v	.000v	.000v
170	100	800	0	2.3000v	.000v	.000v	.000v
171	200	800	0	2.3000v	.000v	.000v	.000v
172	300	800	0	2.3000v	.000v	.000v	.000v
173	400	800	0	2.3000v	.000v	.000v	.000v
174	500	800	0	2.3000v	.000v	.000v	.000v
175	600	800	0	2.3000v	.000v	.000v	.000v
176	700	800	0	2.3000v	.000v	.000v	.000v
177	800	800	0	2.3000v	.000v	.000v	.000v
178	900	800	0	2.3000	.000v	.013	.000v
179	1000	800	0	2.3001	.000v	.088	.000v
180	1100	800	0	2.3002	.000v	.186	.048
181	1200	800	0	2.3006	.000v	.317	.170
182	1300	800	0	2.3011	.000v	.439	.317
183	1400	800	0	2.3024	.000v	.668	.542
184	1500	800	0	2.3089	.000v	1.519	.886
185	1600	800	0	2.3133	.000v	1.611^	.971
186	1700	800	0	2.3100	.000v	1.288	.873
187	1800	800	0	2.3030	.000v	.623	.535
188	1900	800	0	2.3013	.000v	.430	.344
189	2000	800	0	2.3006	.000v	.301	.167
190	0	900	0	2.3000v	.000v	.000v	.000v
191	100	900	0	2.3000v	.000v	.000v	.000v
192	200	900	0	2.3000v	.000v	.000v	.000v
193	300	900	0	2.3000v	.000v	.000v	.000v
194	400	900	0	2.3000v	.000v	.000v	.000v
195	500	900	0	2.3000v	.000v	.000v	.000v
196	600	900	0	2.3000v	.000v	.000v	.000v
197	700	900	0	2.3000v	.000v	.000v	.000v
198	800	900	0	2.3000v	.000v	.000v	.000v
199	900	900	0	2.3000	.000v	.044	.000v
200	1000	900	0	2.3002	.000v	.147	.023
201	1100	900	0	2.3004	.000v	.265	.118
202	1200	900	0	2.3009	.000v	.380	.257
203	1300	900	0	2.3017	.000v	.541	.469
204	1400	900	0	2.3054	.000v	1.141	.760
205	1500	900	0	2.3126	.000v	1.610	.933
206	1600	900	0	2.3124	.000v	1.593	.918
207	1700	900	0	2.3048	.000v	.818	.668
208	1800	900	0	2.3017	.000v	.487	.403
209	1900	900	0	2.3008	.000v	.352	.224
210	2000	900	0	2.3004	.000v	.237	.097
211	0	1000	0	2.3000v	.000v	.000v	.000v
212	100	1000	0	2.3000v	.000v	.000v	.000v
213	200	1000	0	2.3000v	.000v	.000v	.000v
214	300	1000	0	2.3000v	.000v	.000v	.000v
215	400	1000	0	2.3000v	.000v	.000v	.000v
216	500	1000	0	2.3000v	.000v	.000v	.000v
217	600	1000	0	2.3000v	.000v	.000v	.000v
218	700	1000	0	2.3000v	.000v	.000v	.000v
219	800	1000	0	2.3000	.000v	.022	.000v
220	900	1000	0	2.3001	.000v	.109	.003
221	1000	1000	0	2.3003	.000v	.215	.071
222	1100	1000	0	2.3007	.000v	.344	.201
223	1200	1000	0	2.3013	.000v	.473	.358
224	1300	1000	0	2.3031	.000v	.759	.589
225	1400	1000	0	2.3106	.000v	1.589	.919

226	1500	1000	0	2.3133	.000v	1.611^	.983
227	1600	1000	0	2.3084	.000v	1.241	.838
228	1700	1000	0	2.3025	.000v	.584	.496
229	1800	1000	0	2.3011	.000v	.397	.305
230	1900	1000	0	2.3005	.000v	.280	.140
231	2000	1000	0	2.3002	.000v	.157	.039
232	0	1100	0	2.3000v	.000v	.000v	.000v
233	100	1100	0	2.3000v	.000v	.000v	.000v
234	200	1100	0	2.3000v	.000v	.000v	.000v
235	300	1100	0	2.3000v	.000v	.000v	.000v
236	400	1100	0	2.3000v	.000v	.000v	.000v
237	500	1100	0	2.3000v	.000v	.000v	.000v
238	600	1100	0	2.3000v	.000v	.000v	.000v
239	700	1100	0	2.3000	.000v	.003	.000v
240	800	1100	0	2.3000	.000v	.066	.000v
241	900	1100	0	2.3002	.000v	.164	.035
242	1000	1100	0	2.3005	.000v	.291	.140
243	1100	1100	0	2.3010	.000v	.407	.290
244	1200	1100	0	2.3020	.000v	.594	.510
245	1300	1100	0	2.3071	.000v	1.435	.839
246	1400	1100	0	2.3131	.000v	1.611	.920
247	1500	1100	0	2.3115	.000v	1.512	.901
248	1600	1100	0	2.3038	.000v	.730	.581
249	1700	1100	0	2.3015	.000v	.462	.368
250	1800	1100	0	2.3007	.000v	.328	.197
251	1900	1100	0	2.3003	.000v	.212	.072
252	2000	1100	0	2.3001	.000v	.098	.005
253	0	1200	0	2.3000v	.000v	.000v	.000v
254	100	1200	0	2.3000v	.000v	.000v	.000v
255	200	1200	0	2.3000v	.000v	.000v	.000v
256	300	1200	0	2.3000v	.000v	.000v	.000v
257	400	1200	0	2.3000v	.000v	.000v	.000v
258	500	1200	0	2.3000v	.000v	.000v	.000v
259	600	1200	0	2.3000v	.000v	.000v	.000v
260	700	1200	0	2.3000	.000v	.030	.000v
261	800	1200	0	2.3001	.000v	.131	.013
262	900	1200	0	2.3004	.000v	.244	.096
263	1000	1200	0	2.3008	.000v	.365	.228
264	1100	1200	0	2.3015	.000v	.495	.423
265	1200	1200	0	2.3041	.000v	.925	.684
266	1300	1200	0	2.3119	.000v	1.609	.929
267	1400	1200	0	2.3131	.000v	1.611	.976
268	1500	1200	0	2.3066	.000v	1.003	.793
269	1600	1200	0	2.3021	.000v	.537	.455
270	1700	1200	0	2.3010	.000v	.372	.263
271	1800	1200	0	2.3005	.000v	.263	.123
272	1900	1200	0	2.3002	.000v	.139	.027
273	2000	1200	0	2.3000	.000v	.041	.000v
274	0	1300	0	2.3000v	.000v	.000v	.000v
275	100	1300	0	2.3000v	.000v	.000v	.000v
276	200	1300	0	2.3000v	.000v	.000v	.000v
277	300	1300	0	2.3000v	.000v	.000v	.000v
278	400	1300	0	2.3000v	.000v	.000v	.000v
279	500	1300	0	2.3000v	.000v	.000v	.000v
280	600	1300	0	2.3000	.000v	.013	.000v
281	700	1300	0	2.3001	.000v	.089	.000v
282	800	1300	0	2.3002	.000v	.187	.049
283	900	1300	0	2.3006	.000v	.319	.171
284	1000	1300	0	2.3011	.000v	.444	.320
285	1100	1300	0	2.3025	.000v	.676	.548
286	1200	1300	0	2.3090	.000v	1.522	.891

287	1300	1300	0	2.3133	.000v	1.611^	.971
288	1400	1300	0	2.3102	.000v	1.289	.880
289	1500	1300	0	2.3031	.000v	.631	.545
290	1600	1300	0	2.3013	.000v	.437	.349
291	1700	1300	0	2.3006	.000v	.305	.170
292	1800	1300	0	2.3003	.000v	.184	.054
293	1900	1300	0	2.3001	.000v	.079	.000v
294	2000	1300	0	2.3000	.000v	.009	.000v
295	0	1400	0	2.3000v	.000v	.000v	.000v
296	100	1400	0	2.3000v	.000v	.000v	.000v
297	200	1400	0	2.3000v	.000v	.000v	.000v
298	300	1400	0	2.3000v	.000v	.000v	.000v
299	400	1400	0	2.3000v	.000v	.000v	.000v
300	500	1400	0	2.3000v	.000v	.000v	.000v
301	600	1400	0	2.3000	.000v	.045	.000v
302	700	1400	0	2.3002	.000v	.148	.024
303	800	1400	0	2.3004	.000v	.268	.119
304	900	1400	0	2.3009	.000v	.384	.259
305	1000	1400	0	2.3017	.000v	.546	.473
306	1100	1400	0	2.3055	.000v	1.157	.765
307	1200	1400	0	2.3127	.000v	1.610	.935
308	1300	1400	0	2.3126	.000v	1.596	.929
309	1400	1400	0	2.3050	.000v	.829	.683
310	1500	1400	0	2.3018	.000v	.496	.409
311	1600	1400	0	2.3008	.000v	.358	.228
312	1700	1400	0	2.3004	.000v	.241	.099
313	1800	1400	0	2.3001	.000v	.123	.016
314	1900	1400	0	2.3000	.000v	.026	.000v
315	2000	1400	0	2.3000v	.000v	.000v	.000v
316	0	1500	0	2.3000v	.000v	.000v	.000v
317	100	1500	0	2.3000v	.000v	.000v	.000v
318	200	1500	0	2.3000v	.000v	.000v	.000v
319	300	1500	0	2.3000v	.000v	.000v	.000v
320	400	1500	0	2.3000v	.000v	.000v	.000v
321	500	1500	0	2.3000	.000v	.023	.000v
322	600	1500	0	2.3001	.000v	.110	.004
323	700	1500	0	2.3003	.000v	.217	.072
324	800	1500	0	2.3007	.000v	.347	.204
325	900	1500	0	2.3013	.000v	.477	.360
326	1000	1500	0	2.3032	.000v	.767	.595
327	1100	1500	0	2.3107	.000v	1.591	.924
328	1200	1500	0	2.3134	.000v	1.611^	.983
329	1300	1500	0	2.3086	.000v	1.262	.845
330	1400	1500	0	2.3026	.000v	.592	.504
331	1500	1500	0	2.3011	.000v	.403	.309
332	1600	1500	0	2.3006	.000v	.284	.142
333	1700	1500	0	2.3002	.000v	.159	.040
334	1800	1500	0	2.3000	.000v	.057	.000v
335	1900	1500	0	2.3000v	.000v	.001	.000v
336	2000	1500	0	2.3000v	.000v	.000v	.000v
337	0	1600	0	2.3000v	.000v	.000v	.000v
338	100	1600	0	2.3000v	.000v	.000v	.000v
339	200	1600	0	2.3000v	.000v	.000v	.000v
340	300	1600	0	2.3000v	.000v	.000v	.000v
341	400	1600	0	2.3000	.000v	.004	.000v
342	500	1600	0	2.3000	.000v	.067	.000v
343	600	1600	0	2.3002	.000v	.164	.036
344	700	1600	0	2.3005	.000v	.293	.141
345	800	1600	0	2.3010	.000v	.411	.292
346	900	1600	0	2.3021	.000v	.600	.515
347	1000	1600	0	2.3071	.000v	1.445	.843

348	1100	1600	0	2.3131	.000v	1.611^	.924
349	1200	1600	0	2.3117	.000v	1.529	.908
350	1300	1600	0	2.3039	.000v	.745	.589
351	1400	1600	0	2.3015	.000v	.469	.375
352	1500	1600	0	2.3007	.000v	.332	.201
353	1600	1600	0	2.3003	.000v	.215	.075
354	1700	1600	0	2.3001	.000v	.100	.006
355	1800	1600	0	2.3000	.000v	.020	.000v
356	1900	1600	0	2.3000v	.000v	.000v	.000v
357	2000	1600	0	2.3000v	.000v	.000v	.000v
358	0	1700	0	2.3000v	.000v	.000v	.000v
359	100	1700	0	2.3000v	.000v	.000v	.000v
360	200	1700	0	2.3000v	.000v	.000v	.000v
361	300	1700	0	2.3000v	.000v	.000v	.000v
362	400	1700	0	2.3000	.000v	.030	.000v
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364	600	1700	0	2.3004	.000v	.246	.097
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374	1600	1700	0	2.3002	.000v	.141	.028
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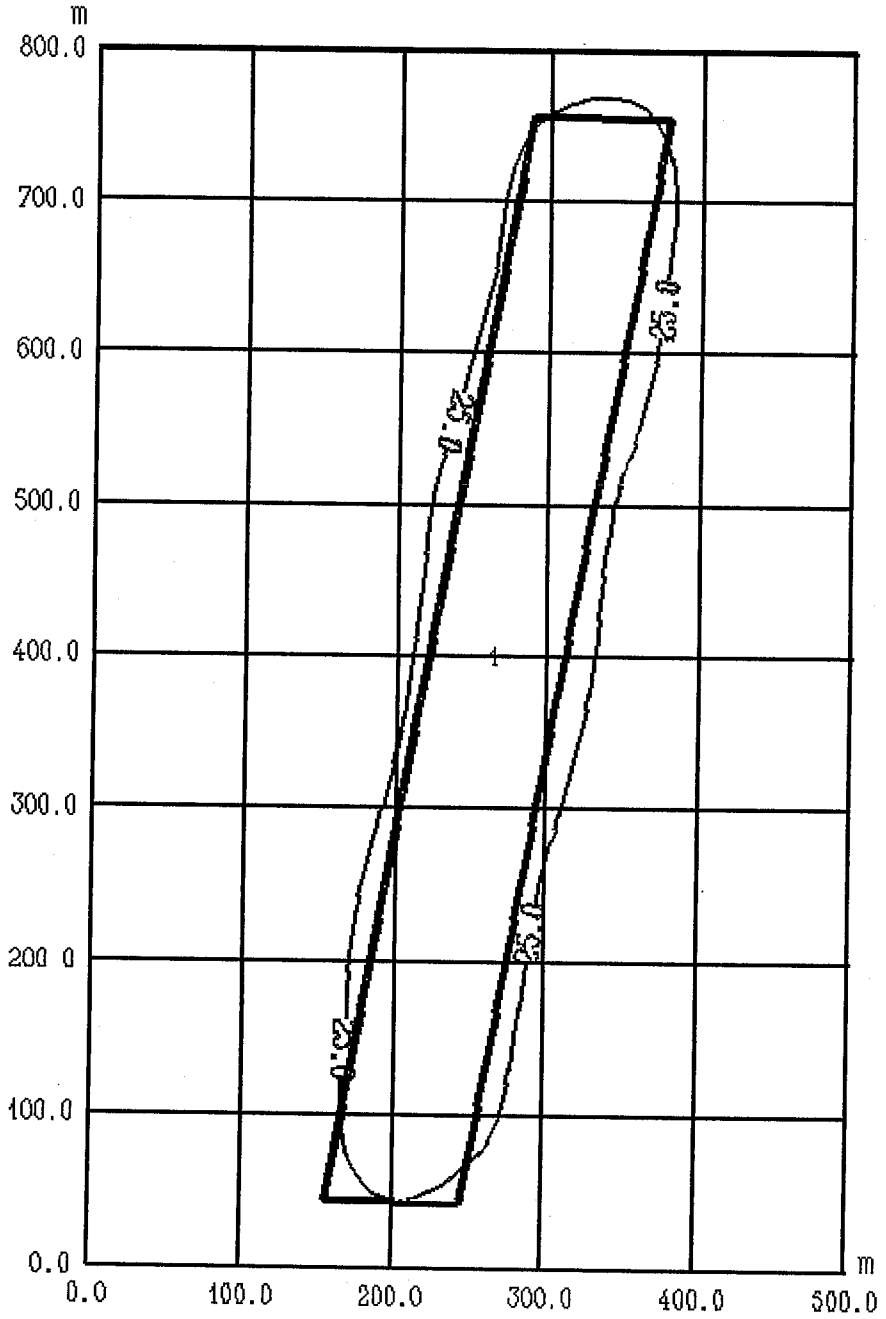
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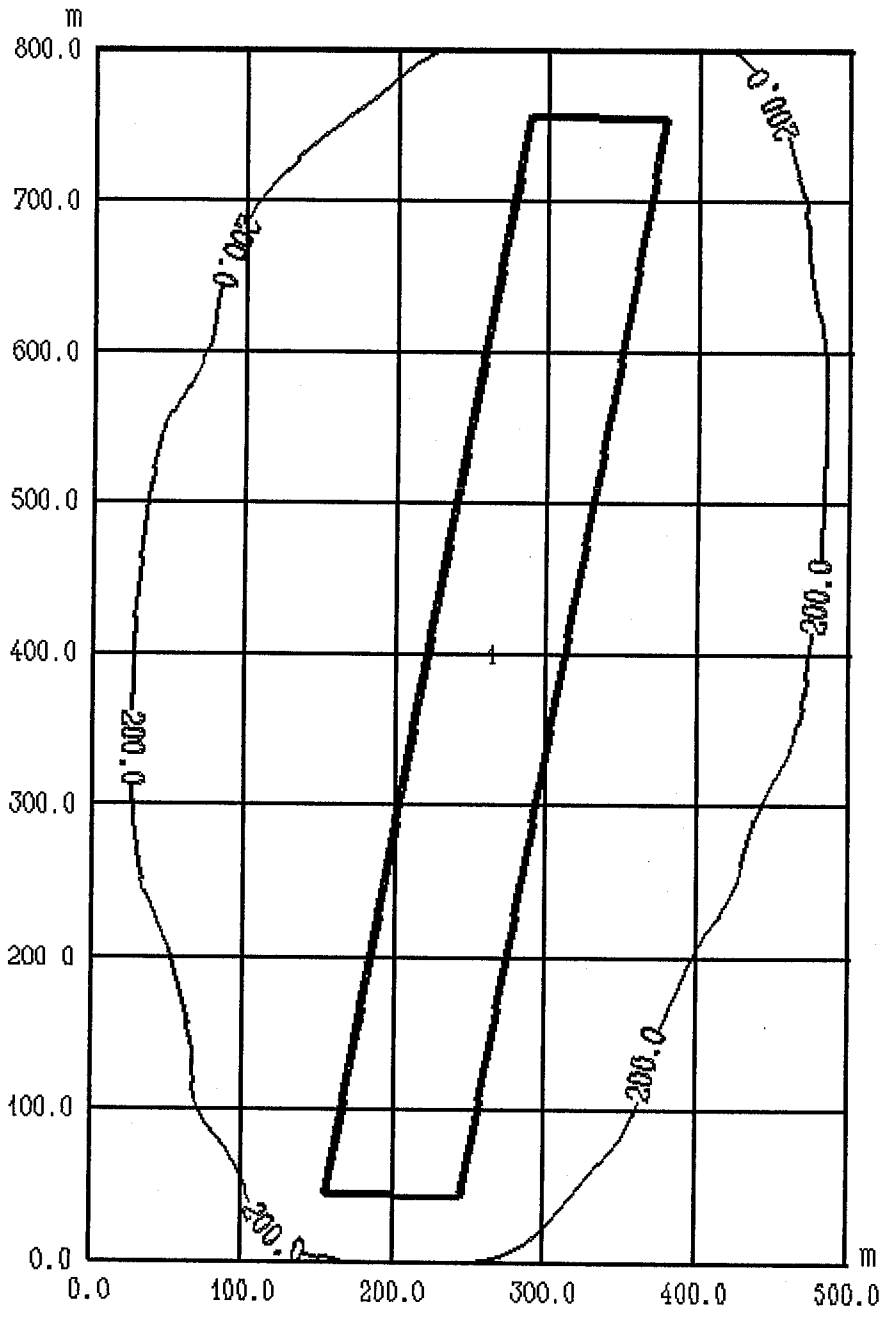
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* - przekroczenie wartosci dopuszczalnej
^ - wartosc maksymalna
v - wartosc minimalna

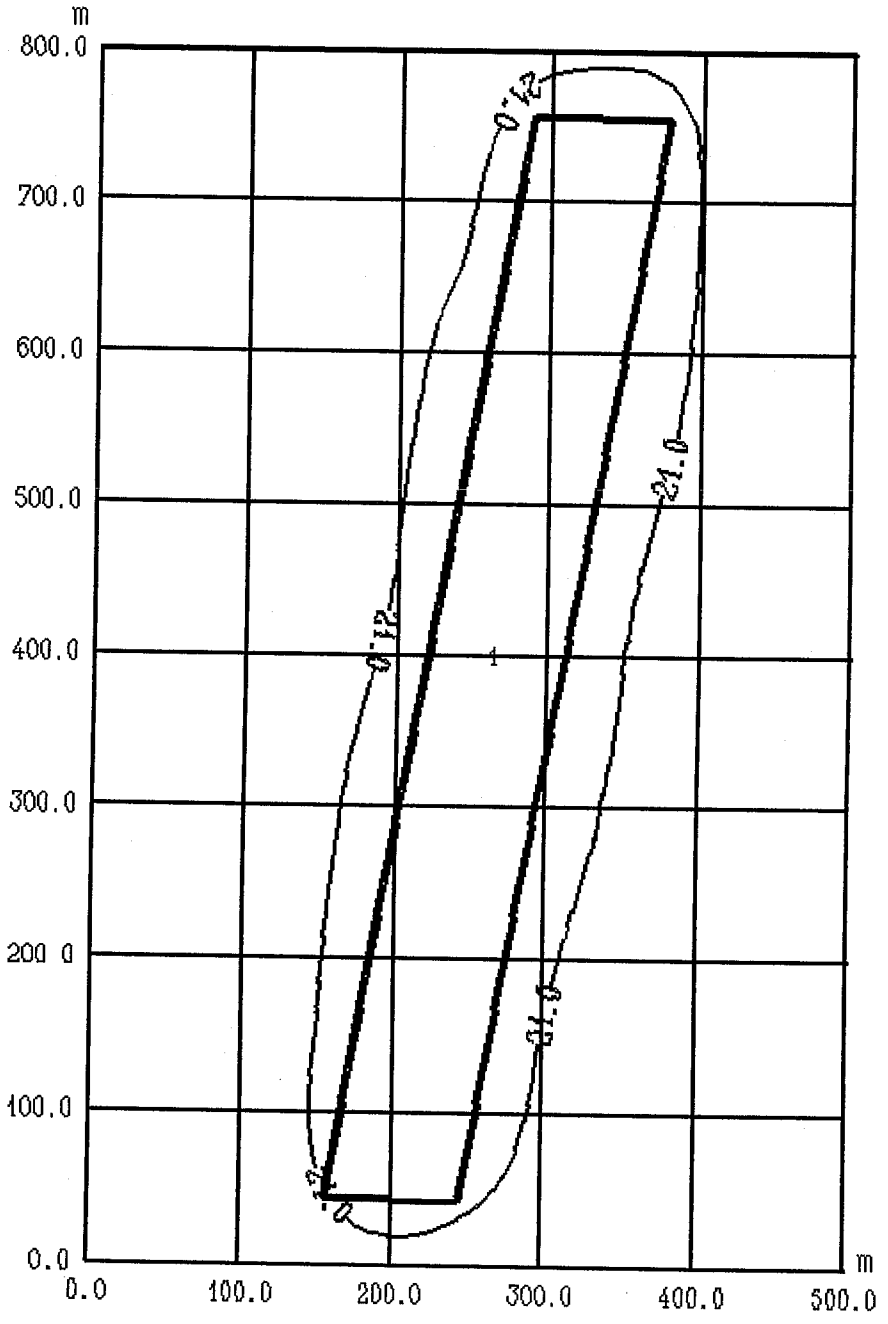
Stacja
TERESPOL



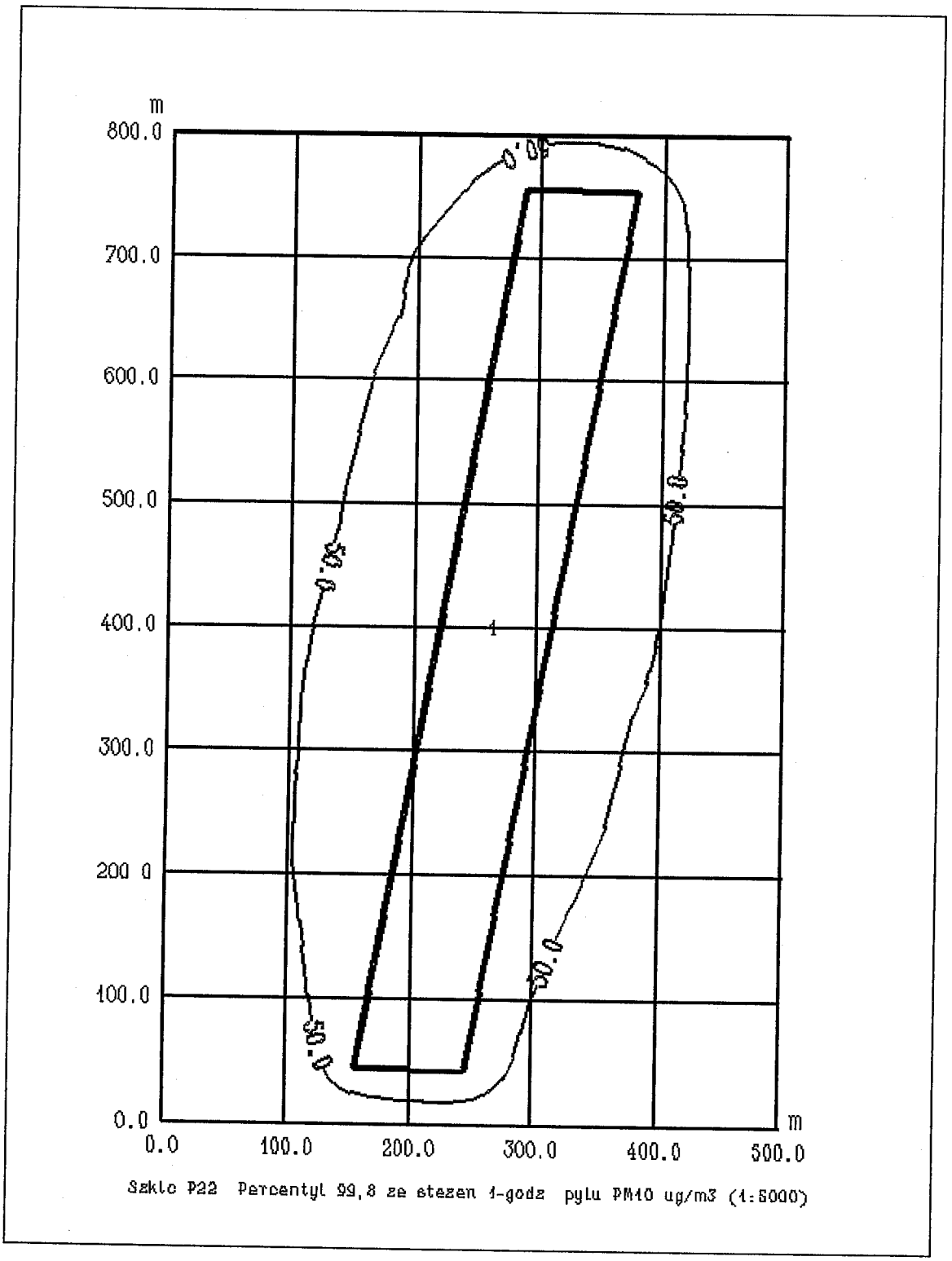
Szkic P19: Srednioroczne stezenie NO2 ug/m3 (1:5000)

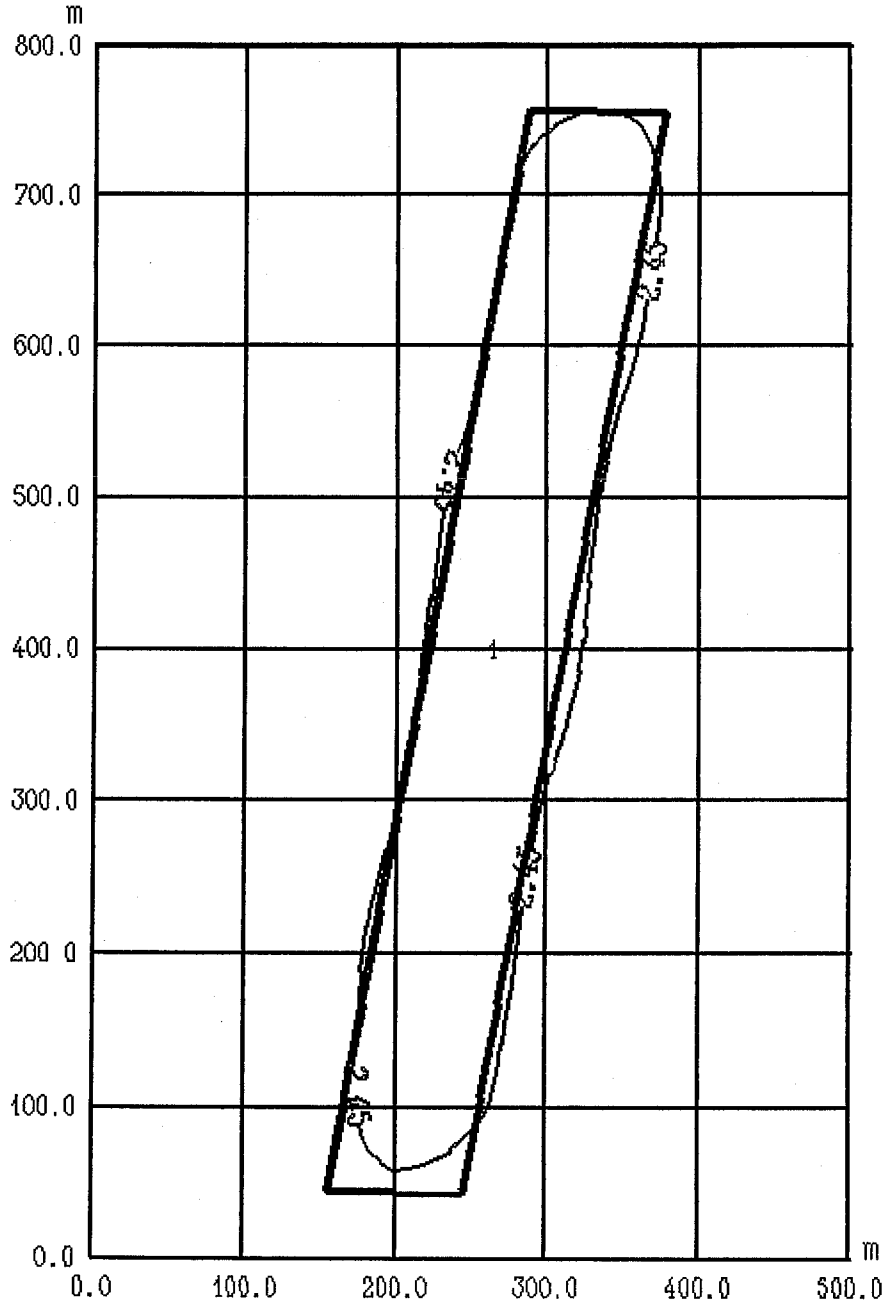


Szkic P20: Percentyl 99,8 ze stezen 1-godz. NO2 ug/m3 (1:5000)

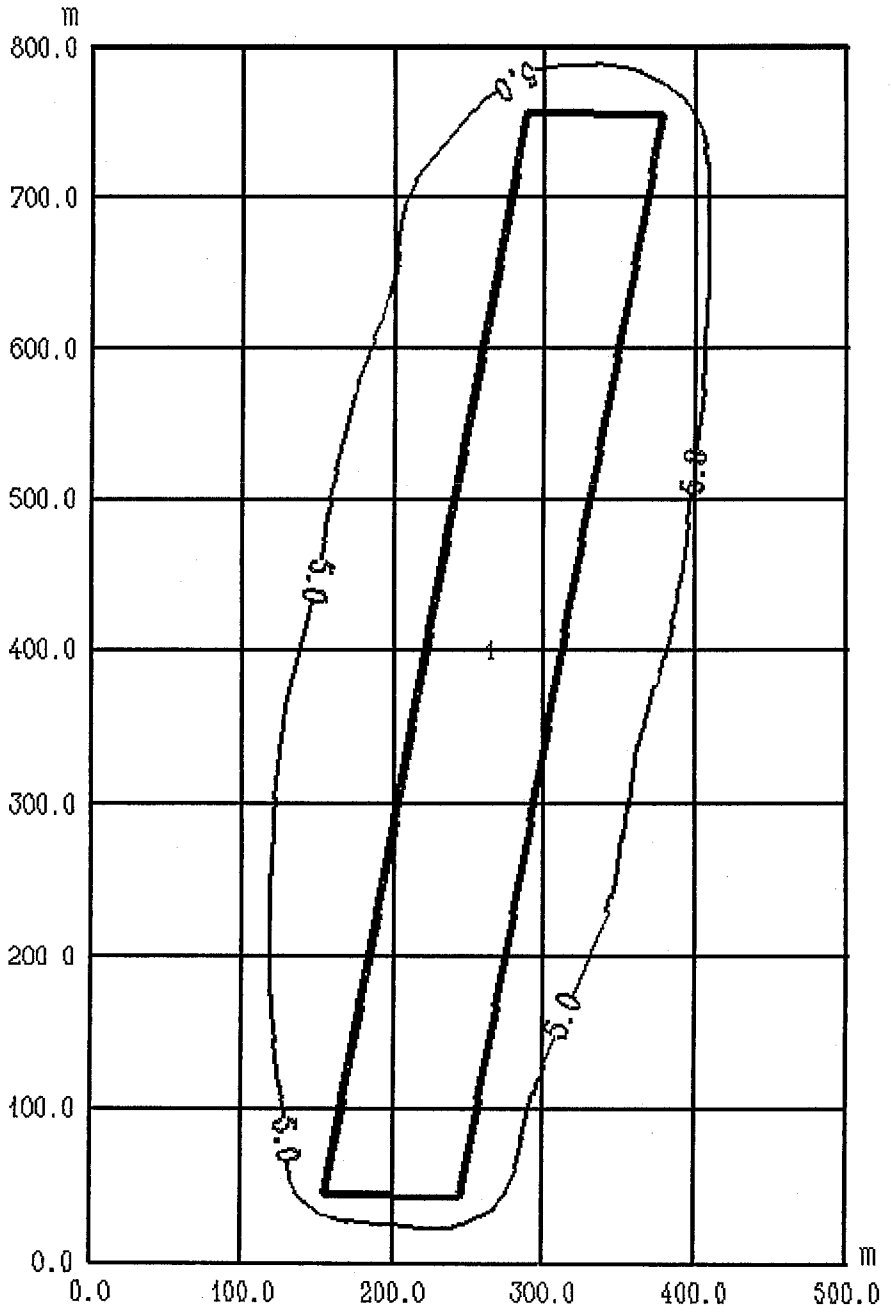


Szkic P21: Sredniroczne stezenie pylu PM10 ug/m3 (1:5000)


m
800.0
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
0.0
100.0
200.0
300.0
400.0
500.0
m
50.0
50.0
50.0
50.0
1
Szkic P22 Percentyl 99,8 ze stezen 1-godz pylu PM10 ug/m3 (1:5000)



Szkic P23: Srednioroczne stezenie benzenu ug/m3 (1:5000)



Szkic P24: Percentyl 99,8 ze stezen 1-godz. benzenu ug/m3 (1.5000)

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

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@@@@@@@@@@   WERSJA 6.02   @@@@@@@@@@@
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DANE ZANIECZYSZCZEN :

numer	typ	czestosc	nazwa zanieczyszczenia
1	gaz	.20	dwutlenek azotu
2	pyl	.20	pyl PM10
3	gaz	.20	benzen

DOPUSZCZALNE WARTOSCI ORAZ TLO STEZEN ZANIECZYSZCZEN :

zanieczyszczenie nr 1 [ug/m3] - dwutlenek azotu
d1 = 200.00| da = 40.000| tlo = 15.700

zanieczyszczenie nr 2 [ug/m3] - pyl PM10
d1 = 280.00| da = 40.000| tlo = 20.700

zanieczyszczenie nr 3 [ug/m3] - benzen
d1 = 30.000| da = 5.0000| tlo = 2.4000

DANE PODOKRESOW EMISJI :

numer podokresu	numer sezonu	udzial podokresu w sezonie
1	1	.0380

SZORSTKOSC AERODYNAMICZNA :
z0 [m] = 1.000

DANE EMITOROW :

EMITOR NR 1 - POWIERZCHNIOWY " "

wysokosc hp[m]	liczba okresow emisji	liczba wierzcholkow	modul podzialu [m]
.5	1	4	20.0

wspolrzedne wierzcholkow emitora :

xp[m]	yp[m]	xp[m]	yp[m]	xp[m]	yp[m]
156.0	44.0	245.0	43.0	378.0	755.0
289.0	756.0				

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

NUMER OKRESU 1 | sezon 1

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

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
emisja [kg/h]	14.490	1.6800	.063000

SUMA EMISJI W PODOKRESACH [kg/h]

numery podokresow	numery zanieczyszczen 1	2	3
1	14.490	1.6800	.063000

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

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@@@@@@@@@@   WERSJA 6.02   @@@@@@@@@@@
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25	100	100	0	17.613	.350 *	960.10	350.03 *
26	150	100	0	21.492	1.342 *	1747.51	813.68 *
27	200	100	0	32.685	5.150 *	2885.01	1245.67 *
28	250	100	0	29.189	4.408 *	2492.17	1132.10 *
29	300	100	0	19.173	.730 *	1170.32	490.20 *
30	350	100	0	17.220	.314 *	777.50	239.72 *
31	400	100	0	16.531	.166	573.97	75.38
32	450	100	0	16.219	.120	460.62	7.80
33	500	100	0	16.053	.093	380.73	.00v
34	0	150	0	16.343	.143	503.13	21.34
35	50	150	0	16.744	.208 *	639.49	141.43
36	100	150	0	17.730	.409 *	904.77	402.24 *
37	150	150	0	21.037	1.112 *	1507.34	890.20 *
38	200	150	0	32.456	2.608 *	2744.57	1242.33 *
39	250	150	0	32.155	5.239 *	2803.00	1266.41 *
40	300	150	0	20.543	1.032 *	1323.41	677.73 *
41	350	150	0	17.685	.401 *	806.55	292.30 *
42	400	150	0	16.739	.202 *	601.11	127.45
43	450	150	0	16.335	.151	482.69	25.71
44	500	150	0	16.126	.109	392.43	.00v
45	0	200	0	16.372	.158	478.79	54.55
46	50	200	0	16.789	.228 *	600.05	187.19
47	100	200	0	17.728	.438 *	821.80	475.86 *
48	150	200	0	20.374	.587 *	1335.72	851.36 *
49	200	200	0	32.057	4.394 *	2608.37	1400.47 *
50	250	200	0	34.774	5.557 *	2970.69	1391.39 *
51	300	200	0	22.219	1.411 *	1481.71	882.29 *
52	350	200	0	18.195	.518 *	897.32	443.33 *
53	400	200	0	16.957	.235 *	631.14	182.27
54	450	200	0	16.448	.175	497.65	83.79
55	500	200	0	16.197	.125	411.28	7.87
56	0	250	0	16.398	.165	464.64	90.10
57	50	250	0	16.801	.250 *	587.58	261.88 *
58	100	250	0	17.657	.313 *	774.44	482.93 *
59	150	250	0	19.797	.527 *	1169.69	834.47 *
60	200	250	0	29.251	1.798 *	2427.34	1387.21 *
61	250	250	0	34.756	3.056 *	3034.40	1381.99 *
62	300	250	0	24.066	1.129 *	1705.96	1109.38 *
63	350	250	0	18.748	.612 *	947.83	571.23 *
64	400	250	0	17.200	.285 *	664.45	304.03 *
65	450	250	0	16.573	.204 *	518.24	118.90
66	500	250	0	16.268	.141	420.77	23.63
67	0	300	0	16.406	.176	443.16	102.37
68	50	300	0	16.805	.262 *	548.90	284.27 *
69	100	300	0	17.558	.305 *	722.55	466.66 *
70	150	300	0	19.335	.491 *	1078.39	820.26 *
71	200	300	0	26.457	1.406 *	2192.15	1372.06 *
72	250	300	0	35.968^	3.007 *	3054.49	1608.38 *
73	300	300	0	26.723	3.144 *	2398.68	1235.61 *
74	350	300	0	19.368	.740 *	1025.10	643.80 *
75	400	300	0	17.466	.348 *	721.39	366.70 *
76	450	300	0	16.702	.231 *	552.96	170.78
77	500	300	0	16.341	.162	443.48	62.03
78	0	350	0	16.416	.182	430.18	111.71
79	50	350	0	16.775	.256 *	533.49	281.83 *
80	100	350	0	17.441	.283 *	681.46	459.40 *
81	150	350	0	18.913	.425 *	976.28	767.18 *
82	200	350	0	24.240	1.093 *	1874.08	1314.96 *
83	250	350	0	34.861	2.874 *	2922.03	1463.10 *
84	300	350	0	29.551	3.933 *	2707.74	1434.16 *
85	350	350	0	20.078	.553 *	1139.91	714.93 *

86	400	350	0	17.749	.418 *	752.93	449.97 *
87	450	350	0	16.839	.251 *	573.08	253.05 *
88	500	350	0	16.407	.185	458.29	90.67
89	0	400	0	16.397	.180	418.61	117.88
90	50	400	0	16.736	.227 *	502.96	271.51 *
91	100	400	0	17.313	.279 *	657.25	433.98 *
92	150	400	0	18.565	.397 *	909.59	670.89 *
93	200	400	0	22.415	.787 *	1565.63	1110.28 *
94	250	400	0	35.097	2.703 *	3016.07	1635.24 *
95	300	400	0	32.608	4.355 *	3340.61	1529.34 *
96	350	400	0	20.967	.618 *	1246.39	829.27 *
97	400	400	0	18.049	.479 *	809.29	499.52 *
98	450	400	0	16.970	.270 *	607.63	285.40 *
99	500	400	0	16.475	.192	479.79	106.84
100	0	450	0	16.374	.178	402.41	116.31
101	50	450	0	16.670	.244 *	485.13	256.12 *
102	100	450	0	17.185	.267 *	611.06	415.54 *
103	150	450	0	18.239	.371 *	852.97	590.63 *
104	200	450	0	21.113	.664 *	1368.31	1004.75 *
105	250	450	0	32.614	2.331 *	2675.86	1566.77 *
106	300	450	0	33.545	5.267 *	2858.55	1466.34 *
107	350	450	0	22.074	.760 *	1431.20	956.76 *
108	400	450	0	18.386	.549 *	859.23	534.50 *
109	450	450	0	17.104	.278 *	626.34	322.55 *
110	500	450	0	16.525	.200	495.31	117.60
111	0	500	0	16.333	.173	392.75	98.11
112	50	500	0	16.604	.221 *	466.31	241.72 *
113	100	500	0	17.052	.255 *	597.41	387.76 *
114	150	500	0	17.956	.349 *	780.61	548.43 *
115	200	500	0	20.279	.566 *	1218.32	929.56 *
116	250	500	0	30.852	1.799 *	2912.45	1639.93^*
117	300	500	0	35.131	5.323 *	3689.33	1532.20 *
118	350	500	0	23.723	.975 *	1655.98	1076.83 *
119	400	500	0	18.759	.611 *	934.73	572.48 *
120	450	500	0	17.230	.298 *	663.18	335.97 *
121	500	500	0	16.573	.205 *	514.53	128.00
122	0	550	0	16.285	.160	373.05	71.90
123	50	550	0	16.525	.222 *	450.49	209.79 *
124	100	550	0	16.920	.242 *	565.27	345.91 *
125	150	550	0	17.675	.320 *	733.65	493.90 *
126	200	550	0	19.522	.504 *	1113.34	834.05 *
127	250	550	0	27.339	1.450 *	2428.48	1504.59 *
128	300	550	0	34.829	5.719^*	3099.38	1373.84 *
129	350	550	0	26.381	1.643 *	2006.79	1291.99 *
130	400	550	0	19.186	.678 *	1007.35	621.94 *
131	450	550	0	17.357	.304 *	692.73	346.13 *
132	500	550	0	16.603	.207 *	534.63	128.74
133	0	600	0	16.230	.147	361.88	50.93
134	50	600	0	16.452	.196	430.99	131.43
135	100	600	0	16.790	.230 *	535.77	285.22 *
136	150	600	0	17.421	.274 *	708.83	450.79 *
137	200	600	0	18.921	.428 *	1033.89	688.43 *
138	250	600	0	25.006	1.182 *	2130.34	1242.71 *
139	300	600	0	35.147	5.343 *	3771.81^	1463.38 *
140	350	600	0	29.088	3.796 *	2365.72	1345.44 *
141	400	600	0	19.670	.836 *	1094.07	651.20 *
142	450	600	0	17.475	.372 *	729.98	347.25 *
143	500	600	0	16.635	.199	567.92	127.08
144	0	650	0	16.179	.137	352.17	13.56
145	50	650	0	16.374	.170	421.58	94.64
146	100	650	0	16.672	.231 *	529.85	251.38 *

147	150	650	0	17.192	.250 *	655.93	407.13 *
148	200	650	0	18.358	.368 *	931.69	584.28 *
149	250	650	0	22.314	.813 *	1700.07	1116.00 *
150	300	650	0	33.760	2.842 *	3135.28	1272.01 *
151	350	650	0	31.086	2.423 *	2629.42	1321.81 *
152	400	650	0	20.176	.918 *	1223.04	677.97 *
153	450	650	0	17.554	.377 *	791.43	303.41 *
154	500	650	0	16.640	.183	581.64	109.46
155	0	700	0	16.107	.117	336.28	.00v
156	50	700	0	16.286	.152	408.32	45.42
157	100	700	0	16.547	.194	492.27	176.65
158	150	700	0	16.985	.226 *	646.70	318.01 *
159	200	700	0	17.896	.315 *	881.37	529.71 *
160	250	700	0	20.656	.607 *	1434.12	919.46 *
161	300	700	0	32.260	2.382 *	3610.99	1276.68 *
162	350	700	0	33.148	2.718 *	2578.04	1304.52 *
163	400	700	0	20.492	.985 *	1370.67	676.56 *
164	450	700	0	17.535	.334 *	838.75	285.18 *
165	500	700	0	16.611	.160	623.29	100.60
166	0	750	0	16.028	.091	329.11	.00v
167	50	750	0	16.171	.125	394.51	8.67
168	100	750	0	16.378	.158	481.83	77.51
169	150	750	0	16.708	.201 *	591.96	177.55
170	200	750	0	17.344	.315 *	815.42	318.36 *
171	250	750	0	18.945	.623 *	1299.36	623.96 *
172	300	750	0	26.309	1.452 *	2966.57	1086.19 *
173	350	750	0	27.907	1.924 *	2755.51	1081.59 *
174	400	750	0	19.991	.795 *	1572.55	620.82 *
175	450	750	0	17.295	.276 *	912.20	224.72 *
176	500	750	0	16.496	.132	643.97	63.96
177	0	800	0	15.944	.061	311.87v	.00v
178	50	800	0	16.059	.091	375.63	.00v
179	100	800	0	16.209	.122	455.29	4.12
180	150	800	0	16.430	.147	583.31	45.81
181	200	800	0	16.784	.167	764.64	128.68
182	250	800	0	17.439	.259 *	1146.12	253.12 *
183	300	800	0	18.390	.425 *	2045.51	387.22 *
184	350	800	0	18.779	.500 *	2228.50	409.07 *
185	400	800	0	17.919	.259 *	1669.07	266.21 *
186	450	800	0	16.865	.148	975.71	108.26
187	500	800	0	16.338	.109	680.88	28.98
	wartosci srednie			19.990	.850	1165.29	506.84

ZANIECZYSZCZENIE NR 2 - pyl PM10

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

tlo stezenia R = 20.70 [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	20.718	.000v	32.53	.00v
2	50	0	0	20.729	.000v	43.44	.54
3	100	0	0	20.753	.000v	66.46	3.57
4	150	0	0	20.793	.000v	113.59	9.15
5	200	0	0	20.812	.000v	129.97	13.98
6	250	0	0	20.796	.000v	101.38	11.68
7	300	0	0	20.763	.000v	58.27	5.44
8	350	0	0	20.739	.000v	39.46	2.61
9	400	0	0	20.725	.000v	30.68	.76

10	450	0	0	20.717	.000v	25.25	.00v
11	500	0	0	20.712v	.000v	20.24	.00v
12	0	50	0	20.726	.000v	31.48	.62
13	50	50	0	20.743	.000v	41.00	2.81
14	100	50	0	20.785	.000v	60.58	10.30
15	150	50	0	20.973	.000v	123.58	44.66
16	200	50	0	21.294	.000v	166.29	53.43
17	250	50	0	21.108	.000v	120.60	53.54
18	300	50	0	20.822	.000v	62.04	18.58
19	350	50	0	20.761	.000v	40.92	7.40
20	400	50	0	20.736	.000v	31.73	1.65
21	450	50	0	20.724	.000v	26.42	.19
22	500	50	0	20.716	.000v	21.53	.00v
23	0	100	0	20.733	.000v	29.84	1.10
24	50	100	0	20.756	.000v	38.80	7.37
25	100	100	0	20.811	.000v	55.66	20.29
26	150	100	0	21.036	.000v	101.31	47.17
27	200	100	0	21.685	.000v	167.25	72.21
28	250	100	0	21.482	.000v	144.47	65.63
29	300	100	0	20.901	.000v	67.84	28.42
30	350	100	0	20.788	.000v	45.07	13.90
31	400	100	0	20.748	.000v	33.27	4.37
32	450	100	0	20.730	.000v	26.70	.45
33	500	100	0	20.720	.000v	22.07	.00v
34	0	150	0	20.737	.000v	29.17	1.24
35	50	150	0	20.761	.000v	37.07	8.20
36	100	150	0	20.818	.000v	52.45	23.32
37	150	150	0	21.009	.000v	87.38	51.61
38	200	150	0	21.671	.000v	159.11	72.02
39	250	150	0	21.654	.000v	162.49	73.42
40	300	150	0	20.981	.000v	76.72	39.29
41	350	150	0	20.815	.000v	46.76	16.94
42	400	150	0	20.760	.000v	34.85	7.39
43	450	150	0	20.737	.000v	27.98	1.49
44	500	150	0	20.725	.000v	22.75	.00v
45	0	200	0	20.739	.000v	27.76	3.16
46	50	200	0	20.763	.000v	34.79	10.85
47	100	200	0	20.818	.000v	47.64	27.59
48	150	200	0	20.971	.000v	77.43	49.35
49	200	200	0	21.648	.000v	151.21	81.19
50	250	200	0	21.806	.000v	172.21	80.66
51	300	200	0	21.078	.000v	85.90	51.15
52	350	200	0	20.845	.000v	52.02	25.70
53	400	200	0	20.773	.000v	36.59	10.57
54	450	200	0	20.743	.000v	28.85	4.86
55	500	200	0	20.729	.000v	23.84	.46
56	0	250	0	20.740	.000v	26.94	5.22
57	50	250	0	20.764	.000v	34.06	15.18
58	100	250	0	20.813	.000v	44.90	28.00
59	150	250	0	20.938	.000v	67.81	48.38
60	200	250	0	21.486	.000v	140.72	80.42
61	250	250	0	21.805	.000v	175.91	80.12
62	300	250	0	21.185	.000v	98.90	64.31
63	350	250	0	20.877	.000v	54.95	33.11
64	400	250	0	20.787	.000v	38.52	17.62
65	450	250	0	20.751	.000v	30.04	6.89
66	500	250	0	20.733	.000v	24.39	1.37
67	0	300	0	20.741	.000v	25.69	5.93
68	50	300	0	20.764	.000v	31.82	16.48
69	100	300	0	20.808	.000v	41.89	27.05
70	150	300	0	20.911	.000v	62.52	47.55

71	200	300	0	21.324	.000v	127.08	79.54
72	250	300	0	21.875^	.000v	177.07	93.24
73	300	300	0	21.339	.000v	139.05	71.63
74	350	300	0	20.913	.000v	59.43	37.32
75	400	300	0	20.802	.000v	41.82	21.26
76	450	300	0	20.758	.000v	32.06	9.90
77	500	300	0	20.737	.000v	25.71	3.60
78	0	350	0	20.742	.000v	24.94	6.48
79	50	350	0	20.762	.000v	30.93	16.34
80	100	350	0	20.801	.000v	39.50	26.63
81	150	350	0	20.886	.000v	56.60	44.47
82	200	350	0	21.195	.000v	108.64	76.23
83	250	350	0	21.811	.000v	169.39	84.82
84	300	350	0	21.503	.000v	156.97	83.14
85	350	350	0	20.954	.000v	66.08	41.45
86	400	350	0	20.819	.000v	43.65	26.09
87	450	350	0	20.766	.000v	33.22	14.67
88	500	350	0	20.741	.000v	26.57	5.26
89	0	400	0	20.740	.000v	24.27	6.83
90	50	400	0	20.760	.000v	29.16	15.74
91	100	400	0	20.793	.000v	38.10	25.16
92	150	400	0	20.866	.000v	52.73	38.89
93	200	400	0	21.089	.000v	90.76	64.36
94	250	400	0	21.824	.000v	174.84	94.80
95	300	400	0	21.680	.000v	193.66	88.66
96	350	400	0	21.005	.000v	72.25	48.07
97	400	400	0	20.836	.000v	46.92	28.96
98	450	400	0	20.774	.000v	35.23	16.54
99	500	400	0	20.745	.000v	27.81	6.19
100	0	450	0	20.739	.000v	23.33	6.74
101	50	450	0	20.756	.000v	28.12	14.85
102	100	450	0	20.786	.000v	35.42	24.09
103	150	450	0	20.847	.000v	49.45	34.24
104	200	450	0	21.014	.000v	79.32	58.25
105	250	450	0	21.681	.000v	155.12	90.83
106	300	450	0	21.735	.000v	165.71	85.00
107	350	450	0	21.069	.000v	82.97	55.46
108	400	450	0	20.856	.000v	49.81	30.99
109	450	450	0	20.781	.000v	36.31	18.70
110	500	450	0	20.748	.000v	28.71	6.82
111	0	500	0	20.737	.000v	22.77	5.69
112	50	500	0	20.752	.000v	27.03	14.01
113	100	500	0	20.778	.000v	34.63	22.48
114	150	500	0	20.831	.000v	45.25	31.79
115	200	500	0	20.965	.000v	70.63	53.89
116	250	500	0	21.578	.000v	168.84	95.07^
117	300	500	0	21.826	.000v	213.87	88.82
118	350	500	0	21.165	.000v	96.00	62.43
119	400	500	0	20.877	.000v	54.19	33.19
120	450	500	0	20.789	.000v	38.45	19.48
121	500	500	0	20.751	.000v	29.83	7.42
122	0	550	0	20.734	.000v	21.63	4.17
123	50	550	0	20.748	.000v	26.12	12.16
124	100	550	0	20.771	.000v	32.77	20.05
125	150	550	0	20.814	.000v	42.53	28.63
126	200	550	0	20.922	.000v	64.54	48.35
127	250	550	0	21.375	.000v	140.78	87.22
128	300	550	0	21.809	.000v	179.67	79.64
129	350	550	0	21.319	.000v	116.34	74.90
130	400	550	0	20.902	.000v	58.40	36.05
131	450	550	0	20.796	.000v	40.16	20.07

132	500	550	0	20.752	.000v	30.99	7.46
133	0	600	0	20.731	.000v	20.98	2.95
134	50	600	0	20.744	.000v	24.99	7.62
135	100	600	0	20.763	.000v	31.06	16.53
136	150	600	0	20.800	.000v	41.09	26.13
137	200	600	0	20.887	.000v	59.94	39.91
138	250	600	0	21.239	.000v	123.50	72.04
139	300	600	0	21.827	.000v	218.66^	84.83
140	350	600	0	21.476	.000v	137.14	78.00
141	400	600	0	20.930	.000v	63.42	37.75
142	450	600	0	20.803	.000v	42.32	20.13
143	500	600	0	20.754	.000v	32.92	7.37
144	0	650	0	20.728	.000v	20.42	.79
145	50	650	0	20.739	.000v	24.44	5.49
146	100	650	0	20.756	.000v	30.72	14.57
147	150	650	0	20.787	.000v	38.03	23.60
148	200	650	0	20.854	.000v	54.01	33.87
149	250	650	0	21.083	.000v	98.55	64.70
150	300	650	0	21.747	.000v	181.76	73.74
151	350	650	0	21.592	.000v	152.43	76.63
152	400	650	0	20.960	.000v	70.90	39.30
153	450	650	0	20.807	.000v	45.88	17.59
154	500	650	0	20.754	.000v	33.72	6.35
155	0	700	0	20.724	.000v	19.49	.00v
156	50	700	0	20.734	.000v	23.67	2.63
157	100	700	0	20.749	.000v	28.54	10.24
158	150	700	0	20.775	.000v	37.49	18.44
159	200	700	0	20.827	.000v	51.09	30.71
160	250	700	0	20.987	.000v	83.14	53.30
161	300	700	0	21.660	.000v	209.33	74.01
162	350	700	0	21.711	.000v	149.45	75.62
163	400	700	0	20.978	.000v	79.46	39.22
164	450	700	0	20.806	.000v	48.62	16.53
165	500	700	0	20.753	.000v	36.13	5.83
166	0	750	0	20.719	.000v	19.08	.00v
167	50	750	0	20.727	.000v	22.87	.50
168	100	750	0	20.739	.000v	27.93	4.49
169	150	750	0	20.758	.000v	34.32	10.29
170	200	750	0	20.795	.000v	47.27	18.46
171	250	750	0	20.888	.000v	75.33	36.17
172	300	750	0	21.315	.000v	171.98	62.97
173	350	750	0	21.408	.000v	159.74	62.70
174	400	750	0	20.949	.000v	91.16	35.99
175	450	750	0	20.792	.000v	52.88	13.03
176	500	750	0	20.746	.000v	37.33	3.71
177	0	800	0	20.714	.000v	18.08v	.00v
178	50	800	0	20.721	.000v	21.78	.00v
179	100	800	0	20.730	.000v	26.39	.24
180	150	800	0	20.742	.000v	33.82	2.66
181	200	800	0	20.763	.000v	44.33	7.46
182	250	800	0	20.801	.000v	66.44	14.67
183	300	800	0	20.856	.000v	118.58	22.45
184	350	800	0	20.878	.000v	129.19	23.71
185	400	800	0	20.829	.000v	96.76	15.43
186	450	800	0	20.768	.000v	56.56	6.28
187	500	800	0	20.737	.000v	39.47	1.68
	wartosci srednie			20.949	.000	67.55	29.38

ZANIECZYSZCZENIE NR 3 - benzen

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

tlo stezenia R = 2.400 [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	2.4013	.000v	2.440	.000v
2	50	0	0	2.4022	.000v	3.258	.041
3	100	0	0	2.4040	.000v	4.985	.267
4	150	0	0	2.4070	.000v	8.519	.686
5	200	0	0	2.4084	.000v	9.748	1.049
6	250	0	0	2.4072	.000v	7.603	.876
7	300	0	0	2.4047	.000v	4.370	.408
8	350	0	0	2.4029	.000v	2.959	.196
9	400	0	0	2.4019	.000v	2.301	.057
10	450	0	0	2.4013	.000v	1.893	.000v
11	500	0	0	2.4009v	.000v	1.518	.000v
12	0	50	0	2.4020	.000v	2.361	.047
13	50	50	0	2.4032	.000v	3.075	.210
14	100	50	0	2.4064	.000v	4.543	.773
15	150	50	0	2.4205	.000v	9.268	3.349
16	200	50	0	2.4446	.000v	12.472	4.007
17	250	50	0	2.4306	.000v	9.045	4.016
18	300	50	0	2.4092	.000v	4.653	1.394
19	350	50	0	2.4046	.000v	3.069	.555
20	400	50	0	2.4027	.000v	2.379	.124
21	450	50	0	2.4018	.000v	1.982	.014
22	500	50	0	2.4012	.000v	1.615	.000v
23	0	100	0	2.4025	.000v	2.238	.082
24	50	100	0	2.4042	.000v	2.910	.553
25	100	100	0	2.4083	.000v	4.174	1.522
26	150	100	0	2.4252	.000v	7.598	3.538
27	200	100	0	2.4738	.000v	12.544	5.416
28	250	100	0	2.4586	.000v	10.836	4.922
29	300	100	0	2.4151	.000v	5.088	2.131
30	350	100	0	2.4066	.000v	3.380	1.042
31	400	100	0	2.4036	.000v	2.496	.328
32	450	100	0	2.4023	.000v	2.003	.034
33	500	100	0	2.4015	.000v	1.655	.000v
34	0	150	0	2.4028	.000v	2.188	.093
35	50	150	0	2.4045	.000v	2.780	.615
36	100	150	0	2.4088	.000v	3.934	1.749
37	150	150	0	2.4232	.000v	6.554	3.870
38	200	150	0	2.4729	.000v	11.933	5.401
39	250	150	0	2.4715	.000v	12.187	5.506
40	300	150	0	2.4211	.000v	5.754	2.947
41	350	150	0	2.4086	.000v	3.507	1.271
42	400	150	0	2.4045	.000v	2.614	.554
43	450	150	0	2.4028	.000v	2.099	.112
44	500	150	0	2.4019	.000v	1.706	.000v
45	0	200	0	2.4029	.000v	2.082	.237
46	50	200	0	2.4047	.000v	2.609	.814
47	100	200	0	2.4088	.000v	3.573	2.069
48	150	200	0	2.4203	.000v	5.807	3.702
49	200	200	0	2.4711	.000v	11.341	6.089
50	250	200	0	2.4829	.000v	12.916	6.050
51	300	200	0	2.4283	.000v	6.442	3.836
52	350	200	0	2.4108	.000v	3.901	1.928
53	400	200	0	2.4055	.000v	2.744	.792
54	450	200	0	2.4033	.000v	2.164	.364
55	500	200	0	2.4022	.000v	1.788	.034

56	0	250	0	2.4030	.000v	2.020	.392
57	50	250	0	2.4048	.000v	2.555	1.139
58	100	250	0	2.4085	.000v	3.367	2.100
59	150	250	0	2.4178	.000v	5.086	3.628
60	200	250	0	2.4589	.000v	10.554	6.031
61	250	250	0	2.4829	.000v	13.193	6.009
62	300	250	0	2.4364	.000v	7.417	4.823
63	350	250	0	2.4133	.000v	4.121	2.484
64	400	250	0	2.4065	.000v	2.889	1.322
65	450	250	0	2.4038	.000v	2.253	.517
66	500	250	0	2.4025	.000v	1.829	.103
67	0	300	0	2.4031	.000v	1.927	.445
68	50	300	0	2.4048	.000v	2.387	1.236
69	100	300	0	2.4081	.000v	3.142	2.029
70	150	300	0	2.4158	.000v	4.689	3.566
71	200	300	0	2.4468	.000v	9.531	5.965
72	250	300	0	2.4881^	.000v	13.280	6.993
73	300	300	0	2.4479	.000v	10.429	5.372
74	350	300	0	2.4159	.000v	4.457	2.799
75	400	300	0	2.4077	.000v	3.136	1.594
76	450	300	0	2.4044	.000v	2.404	.743
77	500	300	0	2.4028	.000v	1.928	.270
78	0	350	0	2.4031	.000v	1.870	.486
79	50	350	0	2.4047	.000v	2.320	1.225
80	100	350	0	2.4076	.000v	2.963	1.997
81	150	350	0	2.4140	.000v	4.245	3.336
82	200	350	0	2.4371	.000v	8.148	5.717
83	250	350	0	2.4833	.000v	12.704	6.361
84	300	350	0	2.4602	.000v	11.773	6.235
85	350	350	0	2.4190	.000v	4.956	3.108
86	400	350	0	2.4089	.000v	3.274	1.956
87	450	350	0	2.4050	.000v	2.492	1.100
88	500	350	0	2.4031	.000v	1.993	.394
89	0	400	0	2.4030	.000v	1.820	.513
90	50	400	0	2.4045	.000v	2.187	1.180
91	100	400	0	2.4070	.000v	2.858	1.887
92	150	400	0	2.4125	.000v	3.955	2.917
93	200	400	0	2.4292	.000v	6.807	4.827
94	250	400	0	2.4843	.000v	13.113	7.110
95	300	400	0	2.4735	.000v	14.524	6.649
96	350	400	0	2.4229	.000v	5.419	3.606
97	400	400	0	2.4102	.000v	3.519	2.172
98	450	400	0	2.4055	.000v	2.642	1.241
99	500	400	0	2.4034	.000v	2.086	.465
100	0	450	0	2.4029	.000v	1.750	.506
101	50	450	0	2.4042	.000v	2.109	1.114
102	100	450	0	2.4065	.000v	2.657	1.807
103	150	450	0	2.4110	.000v	3.709	2.568
104	200	450	0	2.4235	.000v	5.949	4.368
105	250	450	0	2.4735	.000v	11.634	6.812
106	300	450	0	2.4776	.000v	12.428	6.375
107	350	450	0	2.4277	.000v	6.223	4.160
108	400	450	0	2.4117	.000v	3.736	2.324
109	450	450	0	2.4061	.000v	2.723	1.402
110	500	450	0	2.4036	.000v	2.154	.511
111	0	500	0	2.4028	.000v	1.708	.427
112	50	500	0	2.4039	.000v	2.027	1.051
113	100	500	0	2.4059	.000v	2.597	1.686
114	150	500	0	2.4098	.000v	3.394	2.384
115	200	500	0	2.4199	.000v	5.297	4.042
116	250	500	0	2.4659	.000v	12.663	7.130^

117	300	500	0	2.4845	.000v	16.041	6.662
118	350	500	0	2.4349	.000v	7.200	4.682
119	400	500	0	2.4133	.000v	4.064	2.489
120	450	500	0	2.4067	.000v	2.883	1.461
121	500	500	0	2.4038	.000v	2.237	.557
122	0	550	0	2.4025	.000v	1.622	.313
123	50	550	0	2.4036	.000v	1.959	.912
124	100	550	0	2.4053	.000v	2.458	1.504
125	150	550	0	2.4086	.000v	3.190	2.147
126	200	550	0	2.4166	.000v	4.841	3.626
127	250	550	0	2.4506	.000v	10.559	6.542
128	300	550	0	2.4832	.000v	13.476	5.973
129	350	550	0	2.4464	.000v	8.725	5.617
130	400	550	0	2.4152	.000v	4.380	2.704
131	450	550	0	2.4072	.000v	3.012	1.505
132	500	550	0	2.4039	.000v	2.324	.560
133	0	600	0	2.4023	.000v	1.573	.221
134	50	600	0	2.4033	.000v	1.874	.571
135	100	600	0	2.4047	.000v	2.329	1.240
136	150	600	0	2.4075	.000v	3.082	1.960
137	200	600	0	2.4140	.000v	4.495	2.993
138	250	600	0	2.4405	.000v	9.262	5.403
139	300	600	0	2.4846	.000v	16.399^	6.363
140	350	600	0	2.4582	.000v	10.286	5.850
141	400	600	0	2.4173	.000v	4.757	2.831
142	450	600	0	2.4077	.000v	3.174	1.510
143	500	600	0	2.4041	.000v	2.469	.553
144	0	650	0	2.4021	.000v	1.531	.059
145	50	650	0	2.4029	.000v	1.833	.411
146	100	650	0	2.4042	.000v	2.304	1.093
147	150	650	0	2.4065	.000v	2.852	1.770
148	200	650	0	2.4116	.000v	4.051	2.540
149	250	650	0	2.4288	.000v	7.392	4.852
150	300	650	0	2.4785	.000v	13.632	5.530
151	350	650	0	2.4669	.000v	11.432	5.747
152	400	650	0	2.4195	.000v	5.318	2.948
153	450	650	0	2.4081	.000v	3.441	1.319
154	500	650	0	2.4041	.000v	2.529	.476
155	0	700	0	2.4018	.000v	1.462	.000v
156	50	700	0	2.4025	.000v	1.775	.197
157	100	700	0	2.4037	.000v	2.140	.768
158	150	700	0	2.4056	.000v	2.812	1.383
159	200	700	0	2.4095	.000v	3.832	2.303
160	250	700	0	2.4215	.000v	6.235	3.998
161	300	700	0	2.4720	.000v	15.700	5.551
162	350	700	0	2.4759	.000v	11.209	5.672
163	400	700	0	2.4208	.000v	5.959	2.942
164	450	700	0	2.4080	.000v	3.647	1.240
165	500	700	0	2.4040	.000v	2.710	.437
166	0	750	0	2.4014	.000v	1.431	.000v
167	50	750	0	2.4020	.000v	1.715	.038
168	100	750	0	2.4029	.000v	2.095	.337
169	150	750	0	2.4044	.000v	2.574	.772
170	200	750	0	2.4071	.000v	3.545	1.384
171	250	750	0	2.4141	.000v	5.649	2.713
172	300	750	0	2.4461	.000v	12.898	4.723
173	350	750	0	2.4531	.000v	11.980	4.703
174	400	750	0	2.4187	.000v	6.837	2.699
175	450	750	0	2.4069	.000v	3.966	.977
176	500	750	0	2.4035	.000v	2.800	.278
177	0	800	0	2.4011	.000v	1.356v	.000v

71	200	300	0	21.324	.000v	127.08	79.54
72	250	300	0	21.875^	.000v	177.07	93.24
73	300	300	0	21.339	.000v	139.05	71.63
74	350	300	0	20.913	.000v	59.43	37.32
75	400	300	0	20.802	.000v	41.82	21.26
76	450	300	0	20.758	.000v	32.06	9.90
77	500	300	0	20.737	.000v	25.71	3.60
78	0	350	0	20.742	.000v	24.94	6.48
79	50	350	0	20.762	.000v	30.93	16.34
80	100	350	0	20.801	.000v	39.50	26.63
81	150	350	0	20.886	.000v	56.60	44.47
82	200	350	0	21.195	.000v	108.64	76.23
83	250	350	0	21.811	.000v	169.39	84.82
84	300	350	0	21.503	.000v	156.97	83.14
85	350	350	0	20.954	.000v	66.08	41.45
86	400	350	0	20.819	.000v	43.65	26.09
87	450	350	0	20.766	.000v	33.22	14.67
88	500	350	0	20.741	.000v	26.57	5.26
89	0	400	0	20.740	.000v	24.27	6.83
90	50	400	0	20.760	.000v	29.16	15.74
91	100	400	0	20.793	.000v	38.10	25.16
92	150	400	0	20.866	.000v	52.73	38.89
93	200	400	0	21.089	.000v	90.76	64.36
94	250	400	0	21.824	.000v	174.84	94.80
95	300	400	0	21.680	.000v	193.66	88.66
96	350	400	0	21.005	.000v	72.25	48.07
97	400	400	0	20.836	.000v	46.92	28.96
98	450	400	0	20.774	.000v	35.23	16.54
99	500	400	0	20.745	.000v	27.81	6.19
100	0	450	0	20.739	.000v	23.33	6.74
101	50	450	0	20.756	.000v	28.12	14.85
102	100	450	0	20.786	.000v	35.42	24.09
103	150	450	0	20.847	.000v	49.45	34.24
104	200	450	0	21.014	.000v	79.32	58.25
105	250	450	0	21.681	.000v	155.12	90.83
106	300	450	0	21.735	.000v	165.71	85.00
107	350	450	0	21.069	.000v	82.97	55.46
108	400	450	0	20.856	.000v	49.81	30.99
109	450	450	0	20.781	.000v	36.31	18.70
110	500	450	0	20.748	.000v	28.71	6.82
111	0	500	0	20.737	.000v	22.77	5.69
112	50	500	0	20.752	.000v	27.03	14.01
113	100	500	0	20.778	.000v	34.63	22.48
114	150	500	0	20.831	.000v	45.25	31.79
115	200	500	0	20.965	.000v	70.63	53.89
116	250	500	0	21.578	.000v	168.84	95.07^
117	300	500	0	21.826	.000v	213.87	88.82
118	350	500	0	21.165	.000v	96.00	62.43
119	400	500	0	20.877	.000v	54.19	33.19
120	450	500	0	20.789	.000v	38.45	19.48
121	500	500	0	20.751	.000v	29.83	7.42
122	0	550	0	20.734	.000v	21.63	4.17
123	50	550	0	20.748	.000v	26.12	12.16
124	100	550	0	20.771	.000v	32.77	20.05
125	150	550	0	20.814	.000v	42.53	28.63
126	200	550	0	20.922	.000v	64.54	48.35
127	250	550	0	21.375	.000v	140.78	87.22
128	300	550	0	21.809	.000v	179.67	79.64
129	350	550	0	21.319	.000v	116.34	74.90
130	400	550	0	20.902	.000v	58.40	36.05
131	450	550	0	20.796	.000v	40.16	20.07

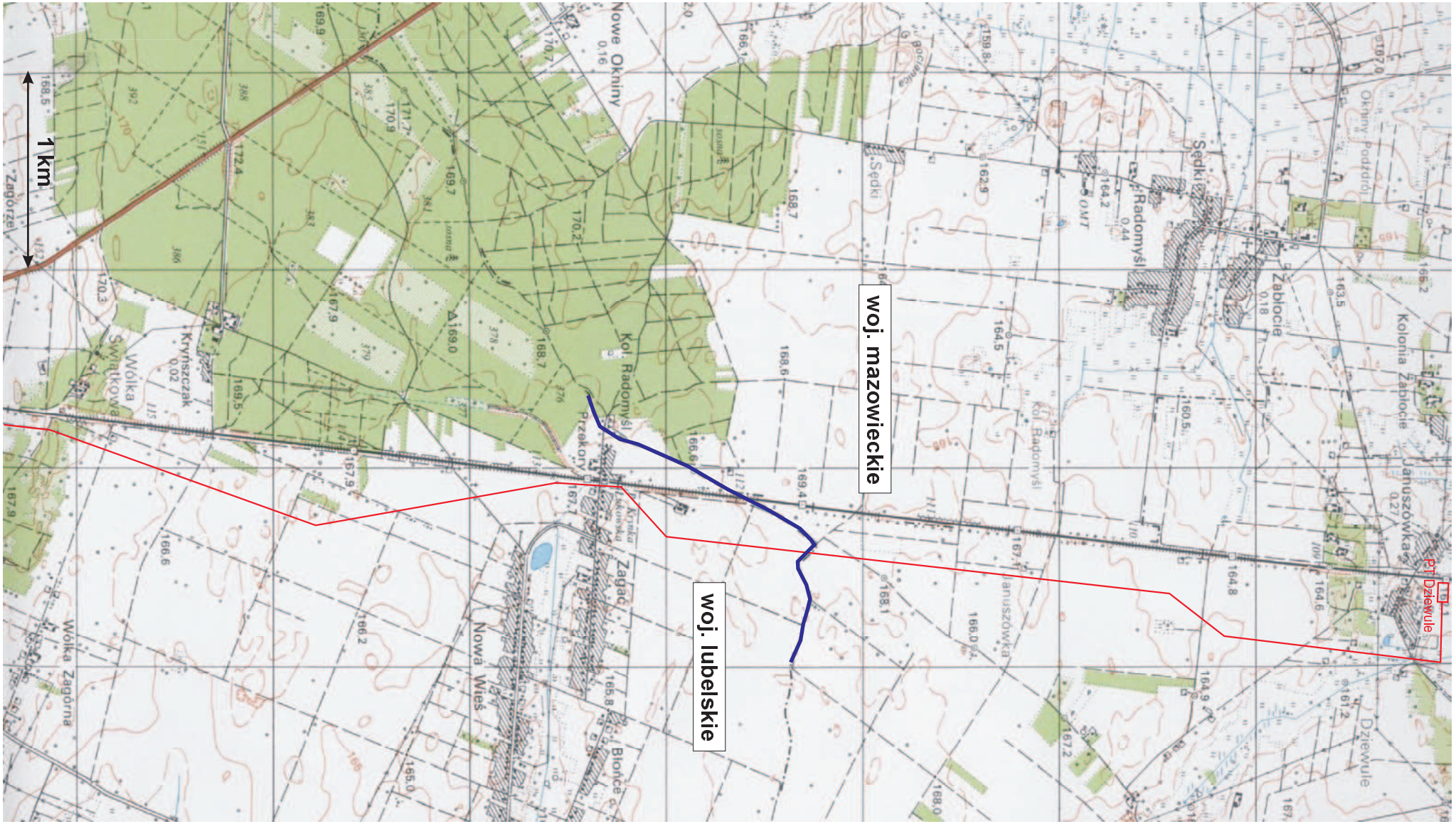
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57	50	250	0	2.4048	.000v	2.555	1.139
58	100	250	0	2.4085	.000v	3.367	2.100
59	150	250	0	2.4178	.000v	5.086	3.628
60	200	250	0	2.4589	.000v	10.554	6.031
61	250	250	0	2.4829	.000v	13.193	6.009
62	300	250	0	2.4364	.000v	7.417	4.823
63	350	250	0	2.4133	.000v	4.121	2.484
64	400	250	0	2.4065	.000v	2.889	1.322
65	450	250	0	2.4038	.000v	2.253	.517
66	500	250	0	2.4025	.000v	1.829	.103
67	0	300	0	2.4031	.000v	1.927	.445
68	50	300	0	2.4048	.000v	2.387	1.236
69	100	300	0	2.4081	.000v	3.142	2.029
70	150	300	0	2.4158	.000v	4.689	3.566
71	200	300	0	2.4468	.000v	9.531	5.965
72	250	300	0	2.4881^	.000v	13.280	6.993
73	300	300	0	2.4479	.000v	10.429	5.372
74	350	300	0	2.4159	.000v	4.457	2.799
75	400	300	0	2.4077	.000v	3.136	1.594
76	450	300	0	2.4044	.000v	2.404	.743
77	500	300	0	2.4028	.000v	1.928	.270
78	0	350	0	2.4031	.000v	1.870	.486
79	50	350	0	2.4047	.000v	2.320	1.225
80	100	350	0	2.4076	.000v	2.963	1.997
81	150	350	0	2.4140	.000v	4.245	3.336
82	200	350	0	2.4371	.000v	8.148	5.717
83	250	350	0	2.4833	.000v	12.704	6.361
84	300	350	0	2.4602	.000v	11.773	6.235
85	350	350	0	2.4190	.000v	4.956	3.108
86	400	350	0	2.4089	.000v	3.274	1.956
87	450	350	0	2.4050	.000v	2.492	1.100
88	500	350	0	2.4031	.000v	1.993	.394
89	0	400	0	2.4030	.000v	1.820	.513
90	50	400	0	2.4045	.000v	2.187	1.180
91	100	400	0	2.4070	.000v	2.858	1.887
92	150	400	0	2.4125	.000v	3.955	2.917
93	200	400	0	2.4292	.000v	6.807	4.827
94	250	400	0	2.4843	.000v	13.113	7.110
95	300	400	0	2.4735	.000v	14.524	6.649
96	350	400	0	2.4229	.000v	5.419	3.606
97	400	400	0	2.4102	.000v	3.519	2.172
98	450	400	0	2.4055	.000v	2.642	1.241
99	500	400	0	2.4034	.000v	2.086	.465
100	0	450	0	2.4029	.000v	1.750	.506
101	50	450	0	2.4042	.000v	2.109	1.114
102	100	450	0	2.4065	.000v	2.657	1.807
103	150	450	0	2.4110	.000v	3.709	2.568
104	200	450	0	2.4235	.000v	5.949	4.368
105	250	450	0	2.4735	.000v	11.634	6.812
106	300	450	0	2.4776	.000v	12.428	6.375
107	350	450	0	2.4277	.000v	6.223	4.160
108	400	450	0	2.4117	.000v	3.736	2.324
109	450	450	0	2.4061	.000v	2.723	1.402
110	500	450	0	2.4036	.000v	2.154	.511
111	0	500	0	2.4028	.000v	1.708	.427
112	50	500	0	2.4039	.000v	2.027	1.051
113	100	500	0	2.4059	.000v	2.597	1.686
114	150	500	0	2.4098	.000v	3.394	2.384
115	200	500	0	2.4199	.000v	5.297	4.042
116	250	500	0	2.4659	.000v	12.663	7.130^

117	300	500	0	2.4845	.000v	16.041	6.662
118	350	500	0	2.4349	.000v	7.200	4.682
119	400	500	0	2.4133	.000v	4.064	2.489
120	450	500	0	2.4067	.000v	2.883	1.461
121	500	500	0	2.4038	.000v	2.237	.557
122	0	550	0	2.4025	.000v	1.622	.313
123	50	550	0	2.4036	.000v	1.959	.912
124	100	550	0	2.4053	.000v	2.458	1.504
125	150	550	0	2.4086	.000v	3.190	2.147
126	200	550	0	2.4166	.000v	4.841	3.626
127	250	550	0	2.4506	.000v	10.559	6.542
128	300	550	0	2.4832	.000v	13.476	5.973
129	350	550	0	2.4464	.000v	8.725	5.617
130	400	550	0	2.4152	.000v	4.380	2.704
131	450	550	0	2.4072	.000v	3.012	1.505
132	500	550	0	2.4039	.000v	2.324	.560
133	0	600	0	2.4023	.000v	1.573	.221
134	50	600	0	2.4033	.000v	1.874	.571
135	100	600	0	2.4047	.000v	2.329	1.240
136	150	600	0	2.4075	.000v	3.082	1.960
137	200	600	0	2.4140	.000v	4.495	2.993
138	250	600	0	2.4405	.000v	9.262	5.403
139	300	600	0	2.4846	.000v	16.399^	6.363
140	350	600	0	2.4582	.000v	10.286	5.850
141	400	600	0	2.4173	.000v	4.757	2.831
142	450	600	0	2.4077	.000v	3.174	1.510
143	500	600	0	2.4041	.000v	2.469	.553
144	0	650	0	2.4021	.000v	1.531	.059
145	50	650	0	2.4029	.000v	1.833	.411
146	100	650	0	2.4042	.000v	2.304	1.093
147	150	650	0	2.4065	.000v	2.852	1.770
148	200	650	0	2.4116	.000v	4.051	2.540
149	250	650	0	2.4288	.000v	7.392	4.852
150	300	650	0	2.4785	.000v	13.632	5.530
151	350	650	0	2.4669	.000v	11.432	5.747
152	400	650	0	2.4195	.000v	5.318	2.948
153	450	650	0	2.4081	.000v	3.441	1.319
154	500	650	0	2.4041	.000v	2.529	.476
155	0	700	0	2.4018	.000v	1.462	.000v
156	50	700	0	2.4025	.000v	1.775	.197
157	100	700	0	2.4037	.000v	2.140	.768
158	150	700	0	2.4056	.000v	2.812	1.383
159	200	700	0	2.4095	.000v	3.832	2.303
160	250	700	0	2.4215	.000v	6.235	3.998
161	300	700	0	2.4720	.000v	15.700	5.551
162	350	700	0	2.4759	.000v	11.209	5.672
163	400	700	0	2.4208	.000v	5.959	2.942
164	450	700	0	2.4080	.000v	3.647	1.240
165	500	700	0	2.4040	.000v	2.710	.437
166	0	750	0	2.4014	.000v	1.431	.000v
167	50	750	0	2.4020	.000v	1.715	.038
168	100	750	0	2.4029	.000v	2.095	.337
169	150	750	0	2.4044	.000v	2.574	.772
170	200	750	0	2.4071	.000v	3.545	1.384
171	250	750	0	2.4141	.000v	5.649	2.713
172	300	750	0	2.4461	.000v	12.898	4.723
173	350	750	0	2.4531	.000v	11.980	4.703
174	400	750	0	2.4187	.000v	6.837	2.699
175	450	750	0	2.4069	.000v	3.966	.977
176	500	750	0	2.4035	.000v	2.800	.278
177	0	800	0	2.4011	.000v	1.356v	.000v

178	50	800	0	2.4016	.000v	1.633	.000v
179	100	800	0	2.4022	.000v	1.980	.018
180	150	800	0	2.4032	.000v	2.536	.199
181	200	800	0	2.4047	.000v	3.325	.559
182	250	800	0	2.4076	.000v	4.983	1.101
183	300	800	0	2.4117	.000v	8.894	1.684
184	350	800	0	2.4134	.000v	9.689	1.779
185	400	800	0	2.4096	.000v	7.257	1.157
186	450	800	0	2.4051	.000v	4.242	.471
187	500	800	0	2.4028	.000v	2.960	.126
	wartosci srednie			2.4187	.000	5.066	2.204

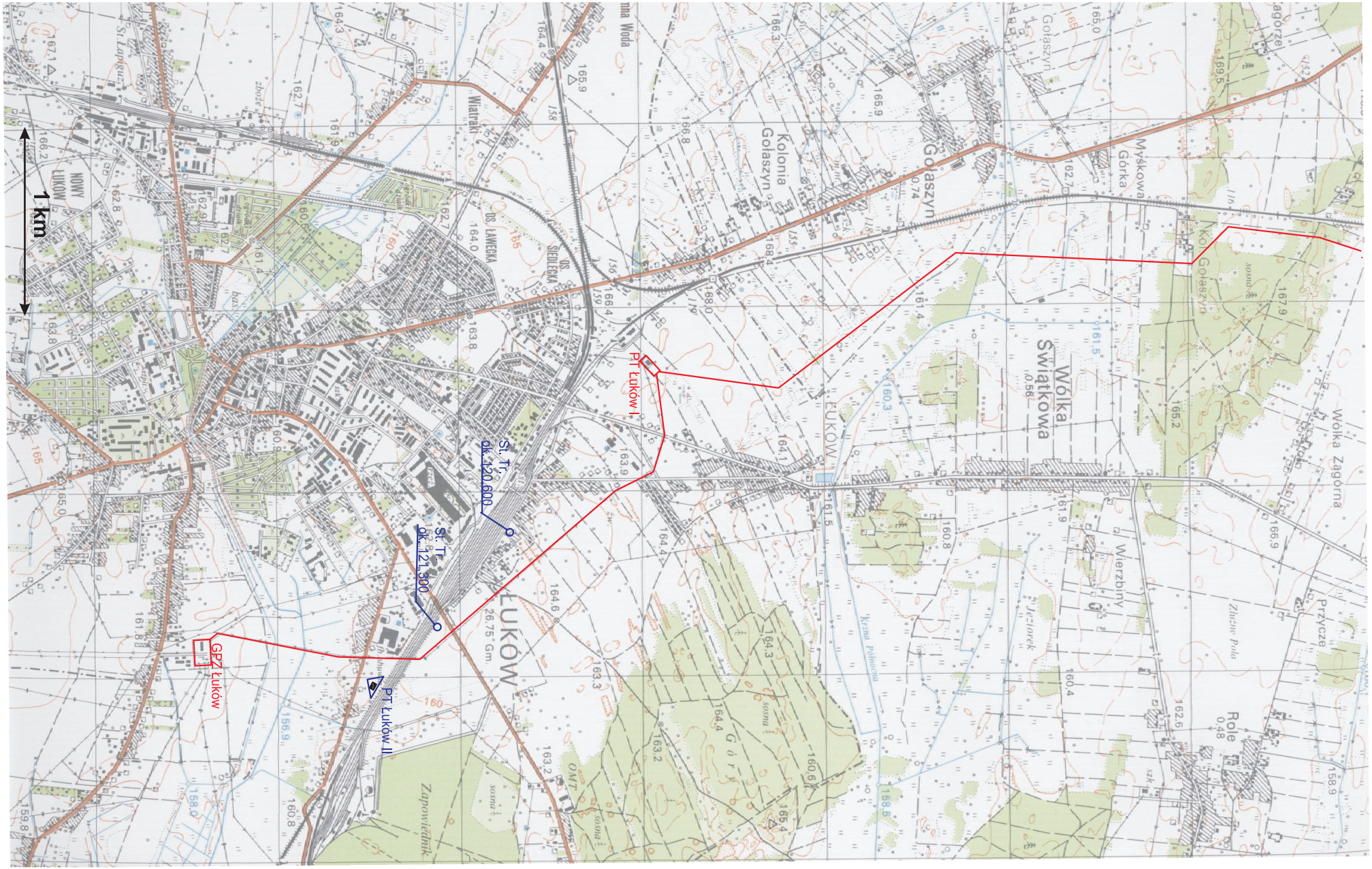
* - przekroczenie wartosci dopuszczalnej
^ - wartosc maksymalna
v - wartosc minimalna

Załącznik 6 – Lokalizacja nowych linii energetycznych na terenie woj. lubelskiego



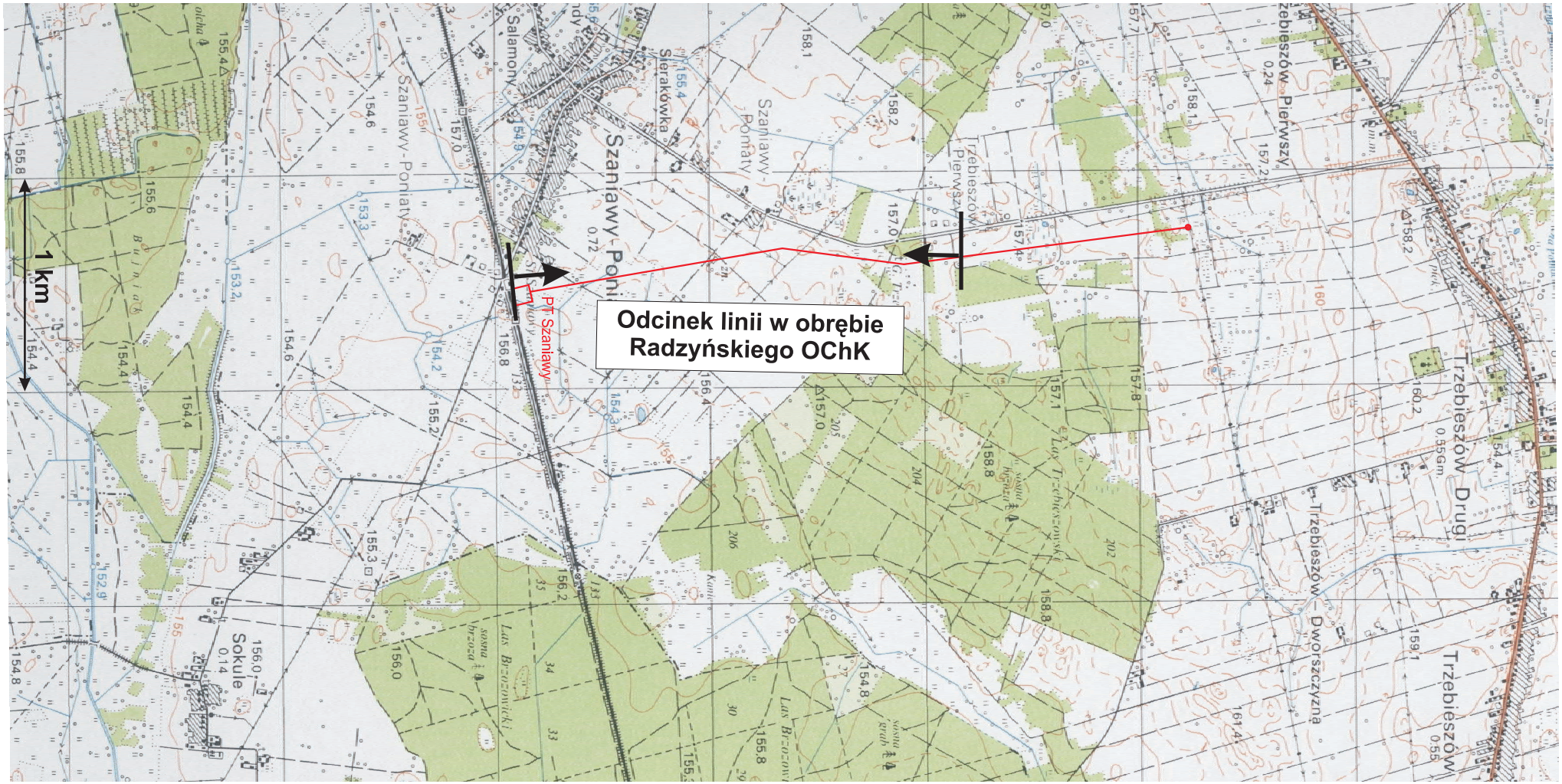
Zał. 6 Rys. 1
Lokalizacja nowych linii energetycznych na terenie woj. lubelskiego

nowa linia 110kV



Zał. 6 Rys. 2
Lokalizacja nowych linii energetycznych na terenie woj. lubelskiego

nowa linia 110kV

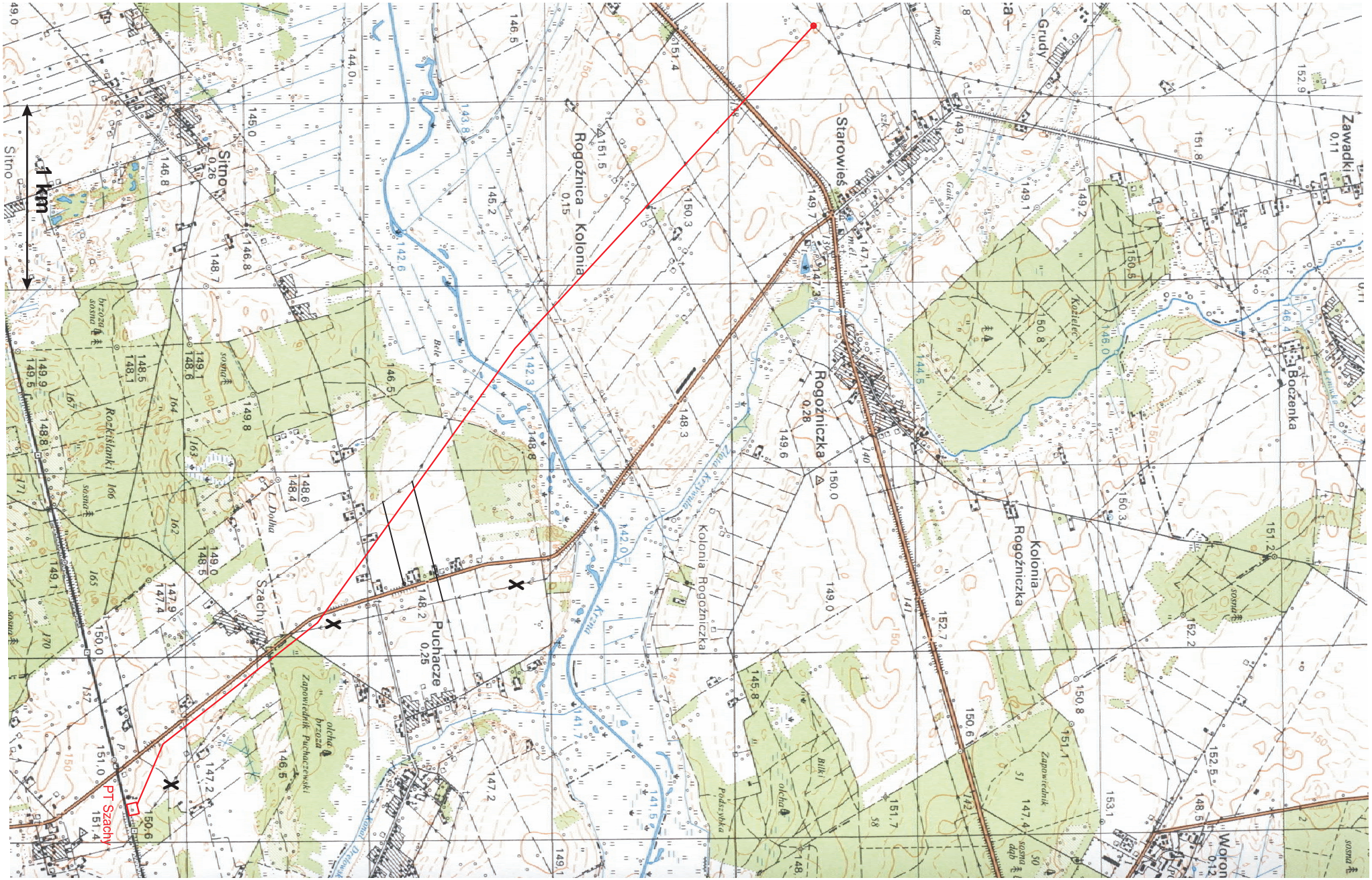


Zał. 6 Rys. 3
Lokalizacja nowych linii energetycznych na terenie woj. lubelskiego



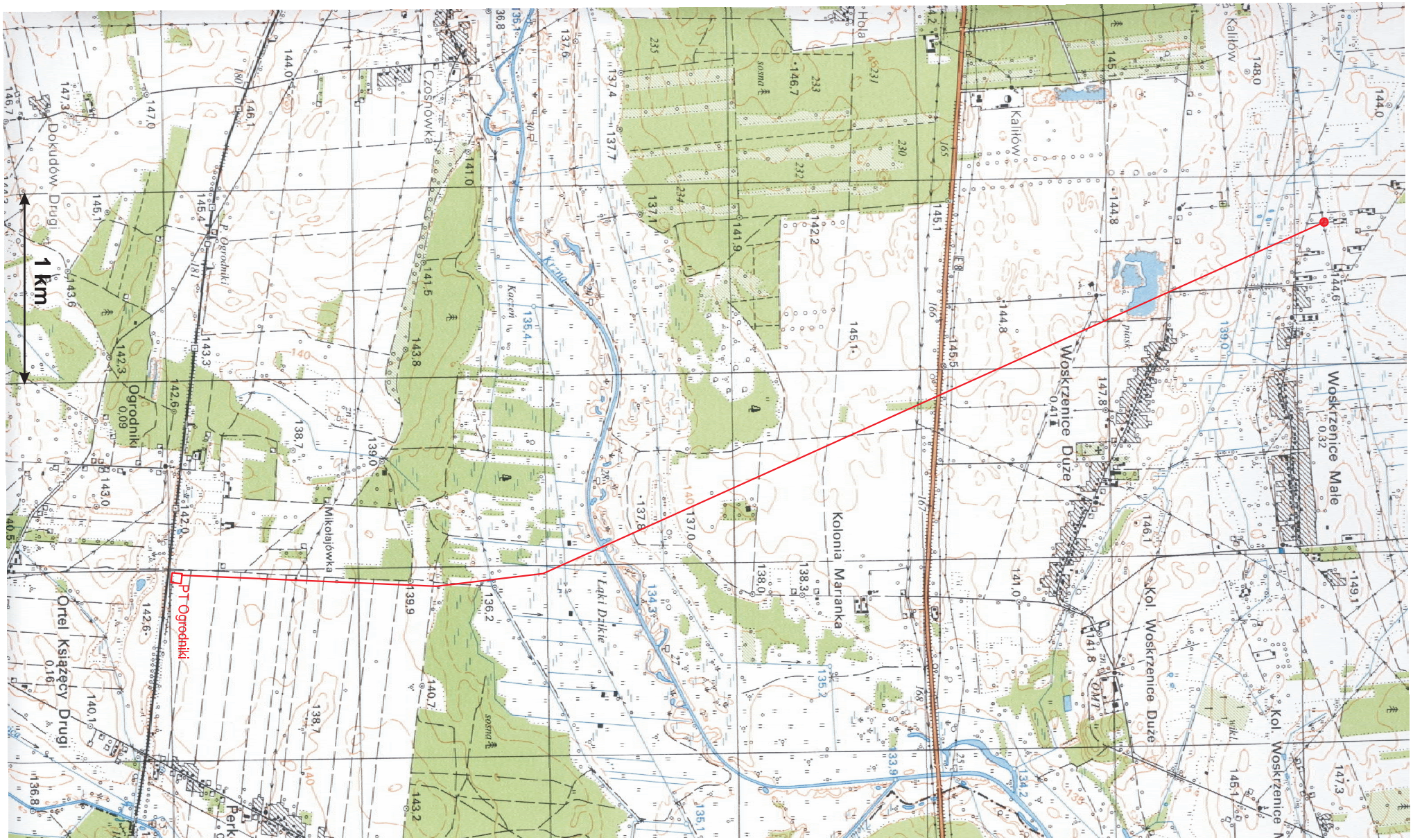
Zał. 6 Rys. 4
Lokalizacja nowych linii energetycznych na terenie woj. lubelskiego

nowa linia 110kV



Zał. 6 Rys. 5
Lokalizacja nowych linii energetycznych na terenie woj. lubelskiego

nowa linia 110kV



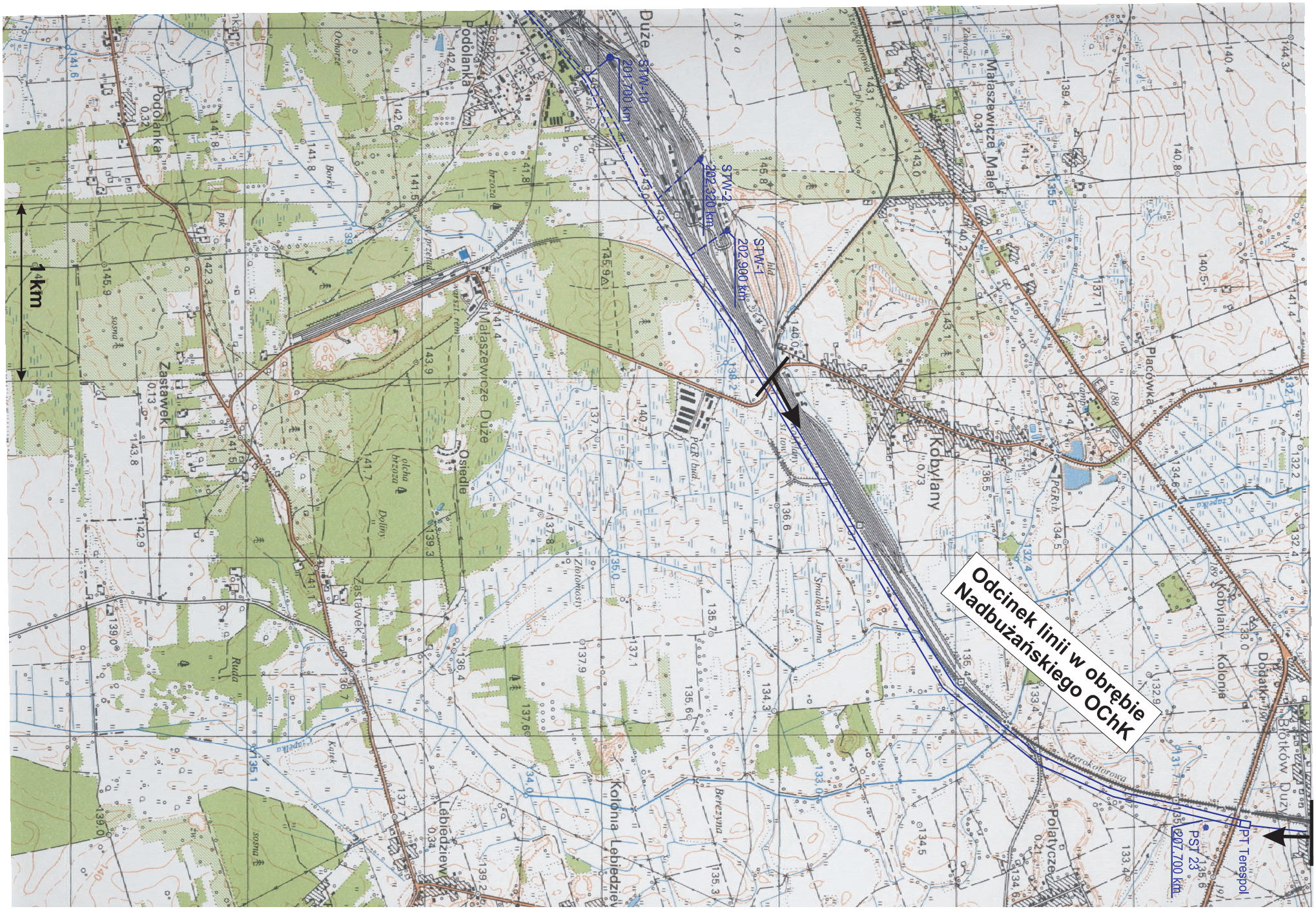
Zał. 6 Rys. 6
Lokalizacja nowych linii energetycznych na terenie woj. lubelskiego

nowa linia 110kV

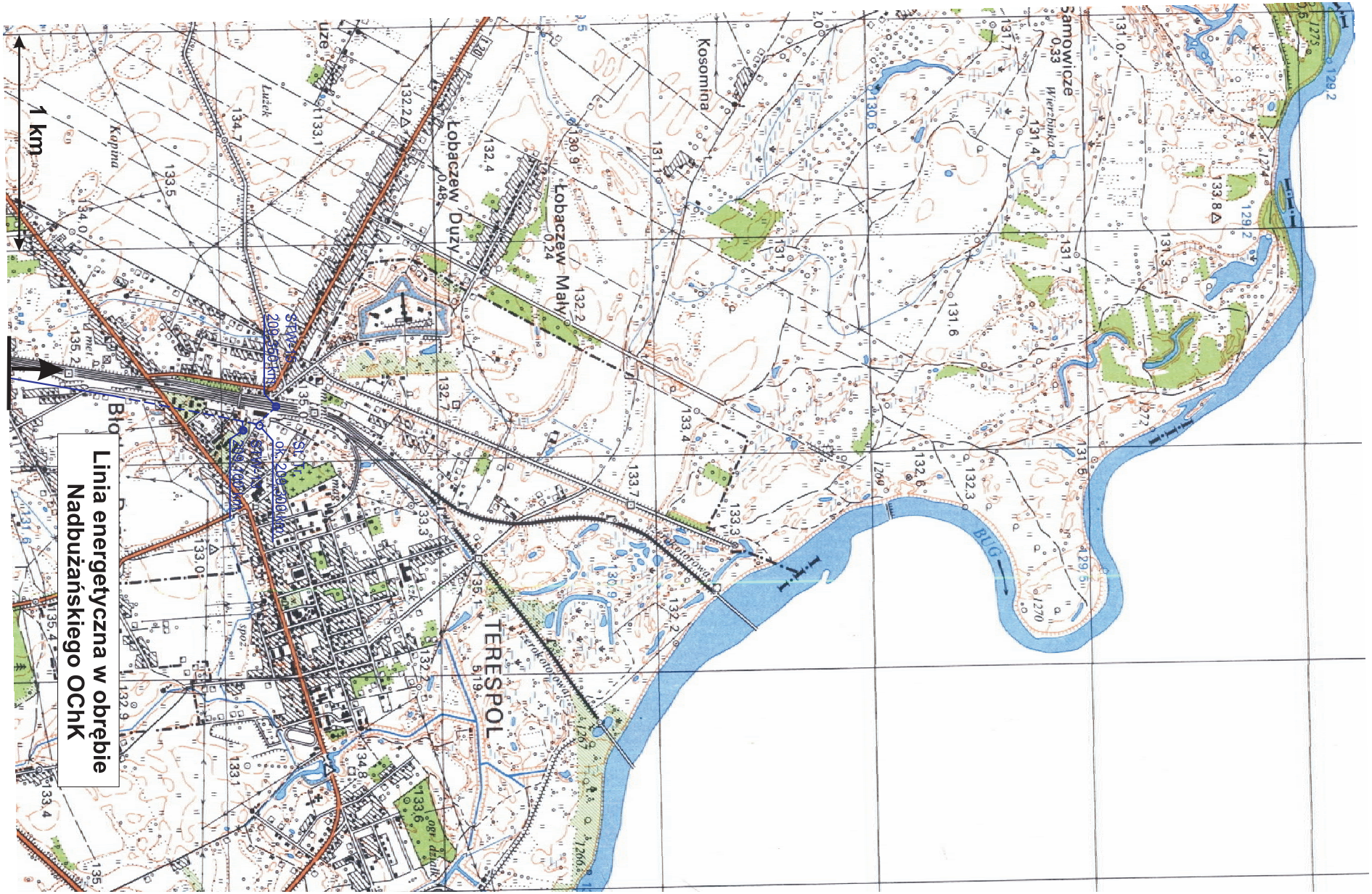


Zał. 6 Rys. 7
Lokalizacja nowych linii energetycznych na terenie woj. lubelskiego

nowa linia 110kV
nowa linia napowietrzna 15kV
nowa linia kablowa 15kV



Zał. 6 Rys. 8
Lokalizacja nowych linii energetycznych na terenie woj. lubelskiego



Zał. 6 Rys. 9
Lokalizacja nowych linii energetycznych na terenie woj. lubel;skiego