



AUDYTOR

ZAŁĄCZNIK 2

**Wyniki obliczeń rozprzestrzeniania emisji zanieczyszczeń w powietrzu
– siatka obliczeniowa na poziomie terenu**

EMITOR NR 10 - POWIERZCHNIOWY "E10"			
wysokosc	liczba okresow	liczba	modul
hp[m]	emisji	wierzchołkow	podziału [m]
2,0	1	4	2,0

wspolrzedne wierzchołkow emitora :
xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m]
327.0 984.0 | 328.0 988.0 | 324.0 989.0
322.0 995.0
 dane w okresach emisji :

 NUMER OKRESU 1 | sezon 1

 numery podokresow emisji
1 2 3 4 5

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .10815 | .00023700 | .0 | .0 | .0 | .0

 EMITOR NR 11 - PUNKTOWY "E11"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
10.0 | | | | |

 wspolrzedne wierzchołkow emitora :
xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m]
588.0 1051.0 | 602.0 1099.0 | 577.0 1106.0
563.0 1057.0
 dane w okresach emisji :

 NUMER OKRESU 1 | sezon 1

 numery podokresow emisji
1 2 3 4 5

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .10815 | .00033600 | .0 | .0 | .0 | .0

 EMITOR NR 12 - PUNKTOWY "E12"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
609.0 | 964.0 | 10.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .37 | 453.0 | 42.70

 numery podokresow emisji
1 2 3 4 5

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .0052330 | .0052330 | .31396 | 1.8899

 EMITOR NR 13 - PUNKTOWY "E13"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
608.0 | 958.0 | 10.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .37 | 453.0 | 42.70

 numery podokresow emisji
1 2 3 4 5

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .0052330 | .0052330 | .31396 | 1.8899

 EMITOR NR 14 - PUNKTOWY "E14"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
606.0 | 853.0 | 10.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .37 | 453.0 | 42.70

 numery podokresow emisji
1 2 3 4 5

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .0052330 | .0052330 | .31396 | 1.8899

 EMITOR NR 15 - PUNKTOWY "E15"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
605.0 | 948.0 | 10.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .37 | 453.0 | 42.70

 numery podokresow emisji
1 2 3 4 5

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .0052330 | .0052330 | .31396 | 1.8899

 EMITOR NR 16 - PUNKTOWY "E16"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
554.0 | 986.0 | 6.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .50 | 373.0 | 3.80

 numery podokresow emisji
1 2

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .00090000 | .00090000 | .054009 | .072012

 EMITOR NR 17 - PUNKTOWY "E17"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
552.0 | 975.0 | 6.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .50 | 373.0 | 3.80

 numery podokresow emisji
1 2

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .00090000 | .00090000 | .054009 | .072012

EMITOR NR 18 - PUNKTOWY "E18"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
614.0 | 919.0 | 6.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .60 | 373.0 | 6.00

 numery podokresow emisji
1

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .0068000 | .0068000 | .40800 | .54400

 EMITOR NR 19 - PUNKTOWY "E19"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
629.0 | 914.0 | 6.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .60 | 373.0 | 6.00

 numery podokresow emisji
1

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .0068000 | .0068000 | .40800 | .54400

 EMITOR NR 20 - PUNKTOWY "E20"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
628.0 | 900.0 | 6.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .60 | 373.0 | 6.00

 numery podokresow emisji
1

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .0068000 | .0068000 | .40800 | .54400

 EMITOR NR 21 - PUNKTOWY "E21"

 wspolrzedne | wysokosc | cieplo wlasciwe | liczba okresow
x[m] | y[m] | hk[m] | Cp[kJ/m3/K] | emisji
611.0 | 903.0 | 6.0 | 1.300 | 1

 dane w okresach emisji :

 NUMER OKRESU | srednica | temperatura | predkosc
1 | emitora [m] | gazow [K] | wylotu [m/s]
sezon 1 | .60 | 373.0 | 6.00

 numery podokresow emisji
1

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .0068000 | .0068000 | .40800 | .54400

 EMITOR NR 22 - LINIOWY "E22"

 x11[m] | wspolrzedne emitora | y12[m] | wysokosc | liczba okresow
y11[m] | x12[m] | y12[m] | hl[m] | emisji
716.0 | 1146.0 | 605.0 | 1069.0 | 1.5 | 1

 dane w okresach emisji :

 NUMER OKRESU 1 | sezon 1

 numery podokresow emisji
1 2 3 4

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .00058200 | .00058200 | .0036530 | .0072850

 EMITOR NR 23 - LINIOWY "E23"

 x11[m] | wspolrzedne emitora | y12[m] | wysokosc | liczba okresow
y11[m] | x12[m] | y12[m] | hl[m] | emisji
605.0 | 1069.0 | 538.0 | 822.0 | 1.5 | 1

 dane w okresach emisji :

 NUMER OKRESU 1 | sezon 1

 numery podokresow emisji
1 2 3 4

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .0011010 | .0011010 | .0057820 | .013640

 EMITOR NR 24 - LINIOWY "E24"

 x11[m] | wspolrzedne emitora | y12[m] | wysokosc | liczba okresow
y11[m] | x12[m] | y12[m] | hl[m] | emisji
594.0 | 1023.0 | 672.0 | 1003.0 | 1.5 | 1

 dane w okresach emisji :

 NUMER OKRESU 1 | sezon 1

 numery podokresow emisji
1 2 3 4

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .00034600 | .00034600 | .0018200 | .0072930

 EMITOR NR 25 - LINIOWY "E25"

 x11[m] | wspolrzedne emitora | y12[m] | wysokosc | liczba okresow
y11[m] | x12[m] | y12[m] | hl[m] | emisji
672.0 | 1003.0 | 649.0 | 924.0 | 1.5 | 1

 dane w okresach emisji :

 NUMER OKRESU 1 | sezon 1

 numery podokresow emisji
1 2 3 4

 emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .0 | .00035500 | .00035500 | .0018660 | .0044010

 EMITOR NR 26 - LINIOWY "E26"

 x11[m] | wspolrzedne emitora | y12[m] | wysokosc | liczba okresow
y11[m] | x12[m] | y12[m] | hl[m] | emisji
649.0 | 924.0 | 569.0 | 943.0 | 1.5 | 1

 dane w okresach emisji :


```
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 327.0 365.0 | 348.0 445.0 | 321.0 452.0 |
| 300.0 372.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .035068 | .0017530 | .019726 | .013151 | .0 | .0 |

-----
EMITOR NR 41 - POWIERZCHNIOWY "E41"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
10.0 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 285.0 430.0 | 294.0 460.0 | 182.0 489.0 |
| 174.0 461.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .13458 | .050259 | .029805 | .019870 | .0 | .0 |

-----
EMITOR NR 42 - POWIERZCHNIOWY "E42"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
12.5 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 711.0 655.0 | 720.0 694.0 | 585.0 728.0 |
| 575.0 692.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .89082 | .044551 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 43 - POWIERZCHNIOWY "E43"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
12.5 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 693.0 587.0 | 705.0 626.0 | 569.0 662.0 |
| 557.0 626.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .85754 | .042887 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 44 - POWIERZCHNIOWY "E44"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
11.3 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 698.0 522.0 | 707.0 555.0 | 529.0 600.0 |
| 519.0 571.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .25517 | .012757 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 45 - POWIERZCHNIOWY "E45"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
12.2 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 680.0 457.0 | 688.0 493.0 | 513.0 542.0 |
| 503.0 507.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .29964 | .014705 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 46 - POWIERZCHNIOWY "E46"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
12.2 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 465.0 658.0 | 479.0 694.0 | 297.0 743.0 |
| 290.0 708.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .65594 | .032805 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 47 - POWIERZCHNIOWY "E47"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
12.2 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 447.0 592.0 | 457.0 628.0 | 280.0 677.0 |
| 272.0 641.0 |
```

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-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .65594 | .032805 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 48 - POWIERZCHNIOWY "E48"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
12.9 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 419.0 528.0 | 428.0 568.0 | 264.0 613.0 |
| 254.0 578.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .10572 | .021406 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 49 - POWIERZCHNIOWY "E49"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
12.8 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 452.0 447.0 | 466.0 483.0 | 203.0 556.0 |
| 191.0 517.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .42917 | .021406 | .027955 | .018637 | .0 | .0 |

-----
EMITOR NR 50 - POWIERZCHNIOWY "E50"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
2.0 | 1 | 4 | 20.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 375.0 419.0 | 376.0 425.0 | 366.0 428.0 |
| 364.0 422.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4 5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0017630 | .0012270 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 51 - POWIERZCHNIOWY "E51"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
2.0 | 1 | 4 | 5.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 288.0 781.0 | 290.0 787.0 | 271.0 793.0 |
| 269.0 788.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0028440 | .0019790 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 52 - POWIERZCHNIOWY "E52"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
2.0 | 1 | 4 | 5.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 321.0 772.0 | 322.0 778.0 | 303.0 784.0 |
| 302.0 779.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0028440 | .0019790 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 53 - POWIERZCHNIOWY "E53"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
2.0 | 1 | 4 | 5.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 352.0 764.0 | 355.0 469.0 | 334.0 445.0 |
| 333.0 769.0 |

-----
 dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0028440 | .0019790 | .0 | .0 | .0 | .0 |

-----
EMITOR NR 54 - POWIERZCHNIOWY "E54"
-----
wysokosc | liczba okresow | liczba | modul
hp[m] | emisji | wierzchołkow | podziału [m]
2.0 | 1 | 4 | 5.0

-----
współrzędne wierzchołkow emitora :
| xp[m] yp[m] | xp[m] yp[m] | xp[m] yp[m] |
| 379.0 757.0 | 381.0 761.0 | 361.0 767.0 |
| 359.0 762.0 |

-----
 dane w okresach emisji :
```

```

196.0      575.1      262.0      643.0      1.5      1
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.000408001.000408001.00214201.00505201
-----
EMITOR NR 63 - LINIOWY "E63"
-----
wspolrzedne emitora | | | | |
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] |
262.0 | 643.0 | 290.0 | 765.0 | 1.5 |
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.000539001.000539001.00282901.00667401
-----
EMITOR NR 64 - LINIOWY "E64"
-----
wspolrzedne emitora | | | | |
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] |
274.0 | 773.0 | 537.0 | 701.0 | 1.5 |
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.00017701.00017701.00618101.0145811
-----
EMITOR NR 65 - LINIOWY "E65"
-----
wspolrzedne emitora | | | | |
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] |
273.0 | 772.0 | 304.0 | 877.0 | 1.5 |
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.000473001.000473001.00248601.00586501
-----
EMITOR NR 66 - LINIOWY "E66"
-----
wspolrzedne emitora | | | | |
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] |
307.0 | 763.0 | 336.0 | 868.0 | 1.5 |
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.000473001.000473001.00248601.00586501
-----
EMITOR NR 67 - LINIOWY "E67"
-----
wspolrzedne emitora | | | | |
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] |
339.0 | 753.0 | 369.0 | 860.0 | 1.5 |
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.000473001.000473001.00248601.00586501
-----
EMITOR NR 68 - LINIOWY "E68"
-----
wspolrzedne emitora | | | | |
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] |
365.0 | 748.0 | 395.0 | 853.0 | 1.5 |
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.000473001.000473001.00248601.00586501
-----
EMITOR NR 69 - LINIOWY "E69"
-----
wspolrzedne emitora | | | | |
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] |
386.0 | 742.0 | 416.0 | 847.0 | 1.5 |
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.000473001.000473001.00248601.00586501
-----
EMITOR NR 70 - LINIOWY "E70"
-----
wspolrzedne emitora | | | | |
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] |
405.0 | 737.0 | 435.0 | 843.0 | 1.5 |
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.000473001.000473001.00248601.00586501
-----
EMITOR NR 71 - LINIOWY "E71"
-----
wspolrzedne emitora | | | | |
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] |
425.0 | 731.0 | 455.0 | 837.0 | 1.5 |
-----
dane w okresach emisji:
-----

```

```

NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.00047300 | .0047300 | .0024860 | .0058650 |
-----
EMITOR NR 72 - LINIOWY "E72"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] y11[m] | x12[m] y12[m] | hl[m] | emisji
446.0 726.0 | 475.0 831.0 | 1.5 | 1
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.00047300 | .0047300 | .0024860 | .0058650 |
-----
EMITOR NR 73 - LINIOWY "E73"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] y11[m] | x12[m] y12[m] | hl[m] | emisji
465.0 721.0 | 494.0 826.0 | 1.5 | 1
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.00047300 | .0047300 | .0024860 | .0058650 |
-----
EMITOR NR 74 - LINIOWY "E74"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] y11[m] | x12[m] y12[m] | hl[m] | emisji
446.0 371.0 | 577.0 843.0 | 1.5 | 1
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.0021080 | .0021080 | .011071 | .026116 |
-----
EMITOR NR 75 - LINIOWY "E75"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] y11[m] | x12[m] y12[m] | hl[m] | emisji
551.0 749.0 | 735.0 694.0 | 1.5 | 1
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.00082600 | .00082600 | .0043400 | .010239 |
-----
EMITOR NR 76 - LINIOWY "E76"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] y11[m] | x12[m] y12[m] | hl[m] | emisji
516.0 622.0 | 723.0 566.0 | 1.5 | 1
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.00092300 | .00092300 | .0048460 | .011433 |
-----
EMITOR NR 77 - LINIOWY "E77"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] y11[m] | x12[m] y12[m] | hl[m] | emisji
498.0 561.0 | 709.0 503.0 | 1.5 | 1
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.00094200 | .00094200 | .0049460 | .011667 |
-----
EMITOR NR 78 - LINIOWY "E78"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] y11[m] | x12[m] y12[m] | hl[m] | emisji
481.0 495.0 | 691.0 437.0 | 1.5 | 1
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.00093700 | .00093700 | .0049240 | .011616 |
-----
EMITOR NR 79 - LINIOWY "E79"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] y11[m] | x12[m] y12[m] | hl[m] | emisji
578.0 844.0 | 817.0 1008.0 | 1.5 | 1
-----
dane w okresach emisji:
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 | 5 | 6
emisja [kg/h] | .0 | .01.00020800 | .00020800 | .0010920 | .0025760 |
-----
SUMA EMISJI W PODOKRESACH [kg/h]
-----
numery podokresow | 1 | 2 | 3 | 4 | 5 | 6
1 | 4.9124 | .30791 | .16264 | .16943 | 3.1590 | 10.266
2 | 4.9124 | .30791 | .13544 | .14223 | 1.5270 | 8.0899
3 | 4.9124 | .30791 | .13364 | .14043 | 1.4190 | 7.9459
4 | 4.8868 | .29010 | .13364 | .14043 | 1.4190 | 7.9459
5 | 4.8868 | .29010 | .11269 | .085426 | 1.3081 | 7.6830

```

Modelowanie poziomów substancji w powietrzu zgodnie z metodyką referencyjną
wg Rozporządzenia Ministra Środowiska z dn. 5.12.02, Dz.U. 01/03, poz. 12

WERSJA 6.04 #####

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

Wyniki obliczeń dla zanieczyszczeń gazowych z tłem

Uzytkownik : Integrum Consulting Malczak Jaroslaw
Licencja nr : JS/02/08
data obliczeń : 2024-06-12
identyfikator : kadziel
opis projektu :
Rozprzestrzenianie emisji zanieczyszczeń - biometanowal i zespol
obiektów hodowlanych - NH3, H2S, PM10, PM2.5, CO, NO2

Wyniki obliczeń w wezlach siatki prostokątnej

ZANIECZYSZCZENIE NR 1 - amoniak									
dopuszczalne	Dl = 400.00 [ug/m3]				Da = 50.000 [ug/m3]				
tlo stezenia	R = 5.00 [ug/m3]								
numer	wspolrzedne wezla	stezenie	czestosc	stezenia l-godz.	S99.8				
wezla	x	y	z	strednio+przekr.	Smax	[ug/m3]			
-	[m]	[m]	[m]	[ug/m3]	[%]	[ug/m3]	[ug/m3]		
1	0	0	0	6.040	.000v	130.24	75.97		
2	60	0	0	6.170	.000v	129.97	78.16		
3	120	0	0	6.348	.000v	130.84	81.91		
4	180	0	0	6.555	.000v	129.81	99.83		
5	240	0	0	6.756	.000v	138.12	109.84		
6	300	0	0	6.914	.000v	138.85	110.64		
7	360	0	0	7.036	.000v	141.91	103.11		
8	420	0	0	7.161	.000v	145.05	113.62		
9	480	0	0	7.271	.000v	145.09	113.51		
10	540	0	0	7.327	.000v	152.38	105.57		
11	600	0	0	7.296	.000v	159.26	107.46		
12	660	0	0	7.214	.000v	161.77	103.87		
13	720	0	0	7.091	.000v	159.30	101.75		
14	780	0	0	6.932	.000v	160.80	98.21		
15	840	0	0	6.765	.000v	158.71	91.91		
16	900	0	0	6.616	.000v	154.28	92.18		
17	960	0	0	6.482	.000v	146.68	93.09		
18	1020	0	0	6.354	.000v	141.43	96.69		
19	1080	0	0	6.232	.000v	136.55	98.98		
20	1140	0	0	6.117	.000v	131.45	79.21		
21	1200	0	0	6.010	.000v	124.41	77.82		
22	0	70	0	6.157	.000v	137.75	82.02		
23	60	70	0	6.306	.000v	139.72	87.00		
24	120	70	0	6.513	.000v	142.53	89.11		
25	180	70	0	6.776	.000v	139.74	101.75		
26	240	70	0	7.041	.000v	145.29	121.59		
27	300	70	0	7.249	.000v	147.70	115.49		
28	360	70	0	7.395	.000v	150.84	112.13		
29	420	70	0	7.527	.000v	151.07	115.42		
30	480	70	0	7.655	.000v	154.37	119.87		
31	540	70	0	7.735	.000v	157.53	117.55		
32	600	70	0	7.717	.000v	164.60	112.86		
33	660	70	0	7.607	.000v	169.95	114.53		
34	720	70	0	7.436	.000v	172.68	107.69		
35	780	70	0	7.221	.000v	174.04	101.73		
36	840	70	0	7.010	.000v	167.41	97.45		
37	900	70	0	6.821	.000v	162.44	94.20		
38	960	70	0	6.648	.000v	153.55	103.20		
39	1020	70	0	6.486	.000v	145.59	103.50		
40	1080	70	0	6.335	.000v	140.20	91.35		
41	1140	70	0	6.197	.000v	134.54	85.02		
42	1200	70	0	6.072	.000v	129.75	77.88		
43	0	140	0	6.299	.000v	145.71	90.42		
44	60	140	0	6.474	.000v	150.81	91.98		
45	120	140	0	6.725	.000v	151.86	94.68		
46	180	140	0	7.053	.000v	152.96	107.42		
47	240	140	0	7.407	.000v	153.19	124.73		
48	300	140	0	7.707	.000v	153.81	128.81		
49	360	140	0	7.893	.000v	159.06	123.72		
50	420	140	0	8.028	.000v	164.23	124.09		
51	480	140	0	8.167	.000v	158.45	124.93		
52	540	140	0	8.271	.000v	160.50	126.27		
53	600	140	0	8.270	.000v	166.03	123.95		
54	660	140	0	8.126	.000v	171.37	131.77		
55	720	140	0	7.882	.000v	189.84	129.87		
56	780	140	0	7.588	.000v	179.89	120.81		
57	840	140	0	7.307	.000v	177.04	111.20		
58	900	140	0	7.062	.000v	169.95	109.09		
59	960	140	0	6.838	.000v	161.22	109.88		
60	1020	140	0	6.632	.000v	152.75	112.39		
61	1080	140	0	6.445	.000v	144.00	97.38		
62	1140	140	0	6.278	.000v	138.62	88.50		
63	1200	140	0	6.139	.000v	133.14	79.88		
64	0	210	0	6.468	.000v	156.28	94.78		
65	60	210	0	6.684	.000v	158.69	103.45		
66	120	210	0	6.989	.000v	162.46	105.51		
67	180	210	0	7.425	.000v	165.69	115.52		
68	240	210	0	7.907	.000v	163.28	130.19		
69	300	210	0	8.327	.000v	162.95	132.60		
70	360	210	0	8.608	.000v	167.74	132.19		
71	420	210	0	8.755	.000v	166.92	129.99		
72	480	210	0	8.843	.000v	165.89	125.65		
73	540	210	0	8.980	.000v	172.65	142.36		
74	600	210	0	9.023	.000v	175.81	144.24		
75	660	210	0	8.833	.000v	190.62	146.14		
76	720	210	0	8.477	.000v	192.30	139.20		
77	780	210	0	8.063	.000v	190.79	131.37		
78	840	210	0	7.682	.000v	183.75	119.59		
79	900	210	0	7.351	.000v	174.04	117.80		
80	960	210	0	7.056	.000v	164.69	114.73		
81	1020	210	0	6.791	.000v	153.51	120.08		
82	1080	210	0	6.562	.000v	146.16	107.22		
83	1140	210	0	6.373	.000v	140.78	91.83		
84	1200	210	0	6.224	.000v	133.37	87.13		
85	0	280	0	6.663	.000v	170.87	107.72		
86	60	280	0	6.944	.000v	167.09	117.52		
87	120	280	0	7.334	.000v	171.44	117.26		
88	180	280	0	7.935	.000v	178.88	119.27		
89	240	280	0	8.656	.000v	177.10	136.24		
90	300	280	0	9.301	.000v	172.82	141.78		
91	360	280	0	9.967	.000v	173.91	138.13		
92	420	280	0	9.764	.000v	172.89	134.29		
93	480	280	0	9.792	.000v	171.46	126.45		
94	540	280	0	9.957	.000v	174.78	146.68		
95	600	280	0	10.074	.000v	177.56	155.64		
96	660	280	0	9.840	.000v	193.77	162.93		
97	720	280	0	9.299	.000v	198.48	156.93		
98	780	280	0	8.690	.000v	198.12	137.73		
99	840	280	0	8.152	.000v	190.90	133.21		
100	900	280	0	7.693	.000v	177.27	128.71		
101	960	280	0	7.298	.000v	164.75	128.36		
102	1020	280	0	6.965	.000v	156.77	116.48		
103	1080	280	0	6.698	.000v	151.12	105.19		
104	1140	280	0	6.492	.000v	145.91	99.77		
105	1200	280	0	6.327	.000v	146.48	91.03		
106	0	350	0	6.890	.000v	189.87	107.12		
107	60	350	0	7.265	.000v	188.78	122.53		
108	120	350	0	7.798	.000v	183.35	128.56		
109	180	350	0	8.699	.000v	181.11	128.99		
110	240	350	0	9.664	.000v	191.50	137.55		
111	300	350	0	10.809	.000v	193.73	132.59		
112	360	350	0	11.468	.000v	183.66	141.94		
113	420	350	0	11.429	.000v	179.67	131.60		
114	480	350	0	11.215	.000v	177.21	122.80		
115	540	350	0	11.377	.000v	169.36	150.47		
116	600	350	0	11.646	.000v	174.45	163.81		
117	660	350	0	11.425	.000v	193.29	177.74		
118	720	350	0	10.517	.000v	199.58	172.46		
119	780	350	0	9.541	.000v	204.89	181.09		
120	840	350	0	8.750	.000v	191.97	148.72		
121	900	350	0	8.098	.000v	181.09	138.92		

122	960	350	0	7.576	.000v	161.65	137.35		
123	1020	350	0	7.172	.000v	156.53	119.81		
124	1080	350	0	6.873	.000v	156.19	113.57		
125	1140	350	0	6.639	.000v	159.73	106.53		
126	1200	350	0	6.449	.000v	163.28	93.97		
127	0	420	0	7.159	.000v	193.42	122.00		
128	60	420	0	7.656	.000v	199.54	121.31		
129	120	420	0	8.421	.000v	201.70	128.67		
130	180	420	0	9.769	.000v	199.52	129.38		
131	240	420	0	11.451	.000v	178.68	121.46		
132	300	420	0	12.841	.000v	174.84	118.86		
133	360	420	0	17.344	.000v	272.81	228.86		
134	420	420	0	13.735	.000v	194.25	113.70		
135	480	420	0	13.186	.000v	166.08	119.42		
136	540	420	0	13.491	.000v	166.64	142.07		
137	600	420	0	14.043	.000v	164.33	151.42		
138	660	420	0	13.827	.000v	176.69	164.69		</

280	300	910	0	17.721	..000	188.98	147.66	436	900	1400	0	6.928	..000v	128.09	81.48
281	360	910	0	18.996	..000v	162.04	147.32	437	960	1400	0	6.723	..000v	126.88	75.80
282	420	910	0	19.017	..000v	165.62	155.95	438	1020	1400	0	6.565	..000v	125.74	76.82
283	480	910	0	19.721	..000v	174.23	164.35	439	1080	1400	0	6.434	..000v	123.53	78.79
284	540	910	0	19.457	..000v	170.46	170.74	440	1140	1400	0	6.328	..000v	123.99	80.63
285	600	910	0	17.379	..000v	170.66	163.48	441	1200	1400	0	6.211	..000v	120.11	70.83v
286	660	910	0	15.137	..000v	173.38	164.93	-----wartosci srednie-----							
287	720	910	0	13.179	..000v	175.09	164.15					10.881	..004	181.07	134.92
287	780	910	0	11.434	..000v	170.09	166.06								
288	840	910	0	10.155	..000v	181.21	151.87								
289	900	910	0	9.220	..000v	188.63	150.95								
290	960	910	0	8.500	..000v	196.15	147.52								
291	1020	910	0	7.940	..000v	194.51	138.49								
292	1080	910	0	7.501	..000v	193.73	139.84								
293	1140	910	0	7.156	..000v	195.32	107.97								
294	1200	910	0	6.879	..000v	187.47	100.76								
295	0	980	0	9.113	..000v	149.72	132.10								
296	60	980	0	10.024	..000v	147.07	130.78								
297	120	980	0	11.210	..000v	133.35	128.21								
298	180	980	0	12.655	..000v	147.49	124.27								
299	240	980	0	14.679	..000v	227.58	140.96								
300	300	980	0	25.387	..144	798.147	308.79								
301	360	980	0	25.548	..144	473.47	348.23								
302	420	980	0	21.298	..000v	223.02	173.22								
303	480	980	0	22.862	..000v	300.02	239.89								
304	540	980	0	23.956	..000v	408.27	193.12								
305	600	980	0	16.259	..000v	275.46	179.69								
306	660	980	0	13.592	..000v	175.58	164.63								
307	720	980	0	11.891	..000v	169.88	147.61								
308	780	980	0	10.521	..000v	175.52	146.98								
309	840	980	0	9.773	..000v	177.93	139.82								
310	900	980	0	8.773	..000v	179.18	136.35								
311	960	980	0	8.195	..000v	180.95	126.50								
312	1020	980	0	7.727	..000v	181.97	120.75								
313	1080	980	0	7.347	..000v	179.86	120.78								
314	1140	980	0	7.043	..000v	178.56	102.29								
315	1200	980	0	6.794	..000v	175.92	96.72								
316	0	1050	0	9.049	..000v	131.00	120.91								
317	60	1050	0	10.909	..000v	126.12	111.92								
318	120	1050	0	10.923	..000v	131.32	117.63								
319	180	1050	0	12.253	..000v	142.40	116.38								
320	240	1050	0	14.572	..000v	229.42	180.85								
321	300	1050	0	26.600	..000v	286.67	176.45								
322	360	1050	0	26.753	..156	645.35	331.76								
323	420	1050	0	38.421	..199*	617.62	347.72								
324	480	1050	0	42.660	..167	667.94	389.02*								
325	540	1050	0	27.744	..141	652.61	338.49								
326	600	1050	0	15.365	..000v	200.27	175.29								
327	660	1050	0	12.731	..000v	171.46	157.43								
328	720	1050	0	11.056	..000v	169.00	140.17								
329	780	1050	0	9.869	..000v	176.51	126.67								
330	840	1050	0	8.985	..000v	170.64	123.67								
331	900	1050	0	8.365	..000v	166.95	113.31								
332	960	1050	0	7.895	..000v	171.73	110.45								
333	1020	1050	0	7.510	..000v	167.96	103.77								
334	1080	1050	0	7.187	..000v	166.32	105.82								
335	1140	1050	0	6.920	..000v	162.62	105.80								
336	1200	1050	0	6.697	..000v	163.72	88.83								
337	0	1120	0	8.996	..000v	120.60	111.80								
338	60	1120	0	10.731	..000v	125.77	111.99								
339	120	1120	0	10.602	..000v	145.08	109.58								
340	180	1120	0	11.809	..000v	183.05	143.83								
341	240	1120	0	13.718	..000v	186.47	170.38								
342	300	1120	0	20.981	..000v	200.14	179.49								
343	360	1120	0	21.742	..000v	332.60	315.59								
344	420	1120	0	22.192	..000v	316.18	284.58								
345	480	1120	0	19.740	..000v	272.37	261.63								
346	540	1120	0	16.690	..000v	208.44	174.60								
347	600	1120	0	13.637	..000v	191.39	162.05								
348	660	1120	0	11.656	..000v	164.12	130.04								
349	720	1120	0	10.253	..000v	167.21	127.46								
350	780	1120	0	9.212	..000v	164.60	114.80								
351	840	1120	0	8.539	..000v	160.25	106.64								
352	900	1120	0	8.001	..000v	158.88	103.05								
353	960	1120	0	7.610	..000v	158.52	101.24								
354	1020	1120	0	7.299	..000v	156.47	96.26								
355	1080	1120	0	6.925	..000v	158.40	103.67								
356	1140	1120	0	6.706	..000v	155.00	97.82								
357	1200	1120	0	6.599	..000v	148.41	82.81								
358	0	1190	0	8.894	..000v	126.45	109.82								
359	60	1190	0	10.599	..000v	140.45	119.99								
360	120	1190	0	10.309	..000v	154.95	123.60								
361	180	1190	0	11.281	..000v	161.16	142.87								
362	240	1190	0	12.337	..000v	157.66	146.57								
363	300	1190	0	13.620	..000v	219.21	219.21								
364	360	1190	0	14.857	..000v	218.90	204.01								
365	420	1190	0	14.913	..000v	223.24	207.75								
366	480	1190	0	14.062	..000v	219.93	199.85								
367	540	1190	0	13.028	..000v	186.41	158.97								
368	600	1190	0	11.535	..000v	177.33	156.23								
369	660	1190	0	10.248	..000v	167.67	145.09								
370	720	1190	0	9.400	..000v	157.28	132.00								
371	780	1190	0	8.715	..000v	150.44	105.42								
372	840	1190	0	8.132	..000v	151.09	99.14								
373	900	1190	0	7.679	..000v	154.79	99.38								
374	960	1190	0	7.350	..000v	148.70	96.65								
375	1020	1190	0	7.080	..000v	149.63	99.60								
376	1080	1190	0	6.867	..000v	146.44	95.02								
377	1140	1190	0	6.672	..000v	144.52	93.04								
378	1200	1190	0	6.502	..000v	143.61	81.37								
379	0	1260	0	8.746	..000v	126.23	109.86								
380	60	1260	0	9.301	..000v	138.89	105.80								
381	120	1260	0	9.923	..000v	150.70	123.15								
382	180	1260	0	10.564	..000v	152.06	138.77								
383	240	1260	0	11.213	..000v	177.65	152.69								
384	300	1260	0	12.013	..000v	201.05	180.27								
385	360	1260	0	12.108	..000v	197.82	170.26								
386	420	1260	0	12.027	..000v	197.88	174.77								
387	480	1260	0	11.493	..000v	184.95	156.65								
388	540	1260	0	10.650	..000v	177.66	148.68								
389	600	1260	0	9.834	..000v	170.97	144.31								
390															

141	840	420	0	.7559	.000v	9.034	7.675	298	180	980	0	.9476	.000v	8.868	6.938
142	900	420	0	.7048	.000v	9.299	7.500	299	240	980	0	.9988	.000v	9.984	7.772
143	960	420	0	.6677	.000v	9.969	7.265	300	300	980	0	1.0623	.000v	10.085	7.860
144	1020	420	0	.6412	.000v	10.381	6.964	301	360	980	0	1.1251	.000v	11.598	8.584
145	1080	420	0	.6214	.000v	10.371	6.812	302	420	980	0	1.1802	.000v	12.459	8.625
146	1140	420	0	.6057	.000v	10.137	6.432	303	480	980	0	1.2128	.000v	13.460	8.808
147	1200	420	0	.5932	.000v	9.884	6.129	304	540	980	0	1.1289	.000v	13.849	8.925
148	0	490	0	.7237	.005v	15.591	9.568	305	600	980	0	.9636	.000v	13.528	8.797
149	60	490	0	.8181	.000v	17.686	10.849	306	660	980	0	.9040	.000v	13.139	8.665
150	120	490	0	1.0198	.000v	18.316	12.643	307	720	980	0	.8408	.000v	11.907	8.415
151	180	490	0	1.2869	.000v	12.860	11.630	308	780	980	0	.7811	.000v	11.058	8.457
152	240	490	0	1.6565	.009v	9.582	6.280	309	840	980	0	.7239	.000v	10.170	8.361
153	300	490	0	1.7601	.000v	9.430	6.032	310	900	980	0	.6986	.000v	10.395	8.861
154	360	490	0	1.7830	.000v	14.598	12.206	311	960	980	0	.6702	.000v	10.959	8.258
155	420	490	0	1.4207	.000v	12.788	10.341	312	1020	980	0	.6467	.000v	11.766	7.579
156	480	490	0	1.2333	.000v	12.130	7.942	313	1080	980	0	.6275	.000v	12.157	6.875
157	540	490	0	1.1544	.000v	12.284	7.485	314	1140	980	0	.6119	.000v	12.252	6.389
158	600	490	0	1.1548	.000v	11.513	6.973	315	1200	980	0	.5989	.000v	12.162	6.092
159	660	490	0	1.1384	.000v	10.832	7.369	316	0	1050	0	.7751	.000v	8.272	6.163
160	720	490	0	1.0458	.000v	10.605	7.928	317	60	1050	0	.8153	.000v	8.175	6.338
161	780	490	0	1.9026	.000v	10.796	8.241	318	120	1050	0	.8524	.000v	8.253	6.690
162	840	490	0	.7997	.000v	10.532	8.275	319	180	1050	0	.8907	.000v	8.679	6.921
163	900	490	0	.7330	.000v	11.903	8.222	320	240	1050	0	.9335	.000v	9.379	7.378
164	960	490	0	.6883	.000v	11.942	7.821	321	300	1050	0	1.0095	.000v	9.430	7.613
165	1020	490	0	.6568	.000v	11.595	7.515	322	360	1050	0	1.2989	.000v	10.499	8.697
166	1080	490	0	.6333	.000v	11.326	7.293	323	420	1050	0	1.8564	.000v	11.892	10.667
167	1140	490	0	.6152	.000v	10.982	7.109	324	480	1050	0	3.2561.112	.000v	32.334	17.904
168	1200	490	0	.6008	.000v	10.708	6.690	325	540	1050	0	1.3756	.000v	13.977	12.079
169	0	560	0	.7774	.000v	10.840	10.840	326	600	1050	0	1.0117	.000v	12.666	8.562
170	60	560	0	.8930	.000v	14.827	11.635	327	660	1050	0	.8389	.000v	12.344	8.105
171	120	560	0	1.1462	.000v	12.579	11.384	328	720	1050	0	.7874	.000v	11.853	8.123
172	180	560	0	1.5257	.000v	11.554	8.625	329	780	1050	0	.7420	.000v	10.992	7.708
173	240	560	0	1.6311	.000v	10.405	7.118	330	840	1050	0	.7036	.000v	10.117	7.761
174	300	560	0	1.6222	.000v	9.528	6.993	331	900	1050	0	.6753	.000v	9.711	7.993
175	360	560	0	1.5729	.000v	9.199	7.945	332	960	1050	0	.6530	.000v	9.525	8.236
176	420	560	0	1.4782	.000v	9.690	7.739	333	1020	1050	0	.6342	.000v	9.945	7.437
177	480	560	0	1.3855	.000v	10.365	7.590	334	1080	1050	0	.6182	.000v	10.397	6.864
178	540	560	0	1.3188	.000v	10.516	7.199	335	1140	1050	0	.6046	.000v	10.870	5.821
179	600	560	0	1.3773	.000v	10.072	6.322	336	1200	1050	0	.5932	.000v	11.190	5.625
180	660	560	0	1.3356	.000v	10.119	6.688	337	0	1120	0	.7574	.000v	7.586	6.008
181	720	560	0	1.1845	.000v	10.602	7.814	338	60	1120	0	.7871	.000v	7.557	6.088
182	780	560	0	.9870	.000v	12.663	9.367	339	120	1120	0	.8160	.000v	7.841	6.409
183	840	560	0	.8485	.000v	13.564	9.628	340	180	1120	0	.8493	.000v	8.486	6.768
184	900	560	0	.7649	.000v	13.180	9.366	341	240	1120	0	.8952	.000v	8.859	6.983
185	960	560	0	.7106	.000v	12.840	8.764	342	300	1120	0	1.0117	.000v	12.862	8.562
186	1020	560	0	.6724	.000v	12.175	8.427	343	360	1120	0	1.4707	.000v	16.490	13.221
187	1080	560	0	.6445	.000v	11.861	8.096	344	420	1120	0	1.4078	.000v	13.810	13.029
188	1140	560	0	.6234	.000v	11.600	7.543	345	480	1120	0	1.2017	.000v	15.397	11.640
189	1200	560	0	.6069	.000v	11.049	7.352	346	540	1120	0	.9703	.000v	14.829	9.320
190	0	630	0	.7941	.000v	12.396	10.079	347	600	1120	0	.8430	.000v	12.087	8.018
191	60	630	0	.9210	.000v	12.991	10.260	348	660	1120	0	.7830	.000v	11.573	7.856
192	120	630	0	1.1281	.000v	13.285	9.858	349	720	1120	0	.7446	.000v	11.375	7.879
193	180	630	0	1.3166	.000v	12.789	8.695	350	780	1120	0	.7078	.000v	10.783	7.677
194	240	630	0	1.4389	.000v	11.288	8.343	351	840	1120	0	.6790	.000v	10.105	7.013
195	300	630	0	1.4984	.000v	9.752	7.612	352	900	1120	0	.6553	.000v	9.706	7.114
196	360	630	0	1.5492	.000v	9.003	7.471	353	960	1120	0	.6372	.000v	9.222	7.358
197	420	630	0	1.4963	.000v	9.097	7.346	354	1020	1120	0	.6223	.000v	9.171	7.073
198	480	630	0	1.4941	.000v	10.038	7.222	355	1080	1120	0	.6090	.000v	9.249	6.550
199	540	630	0	1.4640	.000v	9.846	6.722	356	1140	1120	0	.5975	.000v	9.692	5.469
200	600	630	0	1.4101	.000v	10.017	6.499	357	1200	1120	0	.5875	.000v	10.022	5.201
201	660	630	0	1.3508	.000v	9.830	6.789	358	0	1190	0	.7405	.000v	7.034	5.748
202	720	630	0	1.2604	.000v	10.616	8.922	359	60	1190	0	.7644	.000v	7.308	6.010
203	780	630	0	1.0593	.000v	11.592	10.411	360	120	1190	0	.7900	.000v	7.667	6.165
204	840	630	0	.8922	.000v	12.213	10.758	361	180	1190	0	.8188	.000v	8.084	6.398
205	900	630	0	.7915	.000v	12.464	10.465	362	240	1190	0	.8540	.000v	8.442	6.985
206	960	630	0	.7271	.000v	12.471	10.239	363	300	1190	0	.9245	.000v	10.302	9.060
207	1020	630	0	.6829	.000v	12.690	9.281	364	360	1190	0	.9879	.000v	11.634	10.140
208	1080	630	0	.6514	.000v	12.430	9.152	365	420	1190	0	.9779	.000v	12.653	10.438
209	1140	630	0	.6279	.000v	12.012	8.298	366	480	1190	0	.9084	.000v	13.265	9.581
210	1200	630	0	.6100	.000v	11.898	7.425	367	540	1190	0	.8301	.000v	13.037	8.331
211	0	700	0	.8118	.000v	11.744	8.958	368	600	1190	0	.7708	.000v	12.276	7.671
212	60	700	0	.9284	.000v	12.085	9.201	369	660	1190	0	.7344	.000v	10.885	7.216
213	120	700	0	1.0638	.000v	12.301	8.550	370	720	1190	0	.7077	.000v	10.582	6.910
214	180	700	0	1.1969	.000v	12.232	8.800	371	780	1190	0	.6823	.000v	10.350	6.944
215	240	700	0	1.3765	.000v	12.135	7.743	372	840	1190	0	.6582	.000v	9.852	6.352
216	300	700	0	1.5210	.000v	10.942	8.203	373	900	1190	0	.6384	.000v	9.332	6.465
217	360	700	0	1.5952	.000v	9.469	8.073	374	960	1190	0	.6190	.000v	9.068	6.592
218	420	700	0	1.5762	.000v	9.776	8.250	375	1020	1190	0	.6111	.000v	8.622	6.910
219	480	700	0	1.5632	.000v	12.102	8.306	376	1080	1190	0	.6003	.000v	8.531	6.372
220	540	700	0	1.5897	.000v	12.391	8.062	377	1140	1190	0	.5906	.000v	8.798	5.615
221	600	700	0	1.5493	.000v	10.288	7.306	378	1200	1190	0	.5820	.000v	9.081	5.293
222	660	700	0	1.4179	.000v	10.030	7.275	379	0	1260	0	.7249	.000v	6.749	5.557
223	720	700	0	1.2586	.000v	12.349	9.106	380	60	1260	0	.7441	.000v	7.042	5.785
224	780	700	0	1.0791	.000v	13.689	11.313	381	120	1260	0	.7625	.000v	7.313	6.065
225	840	700	0	.9026	.000v	13.947	12.311	382	180	1260	0	.7823	.000v	7.728	6.521
226	900	700													

3	120	0	0	14.029	.000v	3.29	1.99	160	720	490	0	14.070	.000v	4.14	2.38
4	180	0	0	14.035	.000v	2.99	2.30	161	780	490	0	14.049	.000v	3.97	2.14
5	240	0	0	14.040	.000v	2.99	2.47	162	840	490	0	14.040	.000v	3.70	1.88
6	300	0	0	14.042	.000v	3.10	2.44	163	900	490	0	14.033	.000v	3.41	1.65
7	360	0	0	14.042	.000v	2.00	2.52	164	960	490	0	14.028	.000v	3.22	1.49
8	420	0	0	14.040	.000v	3.13	2.06	165	1020	490	0	14.024	.000v	2.99	1.26
9	480	0	0	14.037	.000v	3.19	1.94	166	1080	490	0	14.021	.000v	2.85	1.20
10	540	0	0	14.034	.000v	3.20	1.71	167	1140	490	0	14.018	.000v	2.68	1.07
11	600	0	0	14.031	.000v	3.20	1.71	168	1200	490	0	14.016	.000v	2.50	.96
12	660	0	0	14.028	.000v	3.07	1.58	169	0	560	0	14.082	.000v	5.46	3.81
13	720	0	0	14.024	.000v	2.91	1.43	170	60	560	0	14.120	.000v	5.88	4.37
14	780	0	0	14.021	.000v	2.85	1.32	171	120	560	0	14.207	.000v	5.43	4.40
15	840	0	0	14.019	.000v	2.69	1.17	172	180	560	0	14.368	.000v	4.55	4.13
16	900	0	0	14.017	.000v	2.56	1.11	173	240	560	0	14.385	.000v	3.14	3.00
17	960	0	0	14.015	.000v	2.46	1.04	174	300	560	0	14.356	.000v	2.93	2.55
18	1020	0	0	14.014	.000v	2.37	.90	175	360	560	0	14.310	.000v	3.46	2.65
19	1080	0	0	14.013	.000v	2.26	.86	176	420	560	0	14.242	.000v	3.21	2.84
20	1140	0	0	14.012	.000v	2.17	.80	177	480	560	0	14.210	.000v	3.35	2.77
21	1200	0	0	14.011v	.000v	2.08	.71	178	540	560	0	14.191	.000v	4.14	3.37
22	0	70	0	14.024	.000v	3.31	1.59	179	600	560	0	14.135	.000v	3.92	3.03
23	60	70	0	14.028	.000v	1.42	1.73	180	660	560	0	14.107	.000v	3.89	2.81
24	120	70	0	14.034	.000v	3.69	2.27	181	720	560	0	14.077	.000v	3.78	2.43
25	180	70	0	14.042	.000v	3.46	2.41	182	780	560	0	14.052	.000v	3.64	2.06
26	240	70	0	14.049	.000v	3.19	2.68	183	840	560	0	14.041	.000v	3.40	1.79
27	300	70	0	14.053	.000v	3.26	2.66	184	900	560	0	14.034	.000v	3.29	1.58
28	360	70	0	14.053	.000v	3.27	2.65	185	960	560	0	14.029	.000v	3.10	1.45
29	420	70	0	14.050	.000v	3.43	2.39	186	1020	560	0	14.025	.000v	2.95	1.31
30	480	70	0	14.046	.000v	3.60	2.19	187	1080	560	0	14.021	.000v	2.76	1.20
31	540	70	0	14.041	.000v	3.58	2.01	188	1140	560	0	14.019	.000v	2.60	1.01
32	600	70	0	14.036	.000v	3.47	1.75	189	1200	560	0	14.017	.000v	2.45	.99
33	660	70	0	14.031	.000v	3.39	1.64	190	0	630	0	14.087	.000v	4.75	3.36
34	720	70	0	14.027	.000v	3.11	1.51	191	60	630	0	14.127	.000v	4.81	3.59
35	780	70	0	14.024	.000v	2.96	1.36	192	120	630	0	14.197	.000v	4.44	3.10
36	840	70	0	14.021	.000v	2.84	1.28	193	180	630	0	14.266	.000v	4.03	3.70
37	900	70	0	14.019	.000v	2.73	1.21	194	240	630	0	14.308	.000v	3.29	3.09
38	960	70	0	14.017	.000v	2.63	1.07	195	300	630	0	14.263	.000v	3.12	2.41
39	1020	70	0	14.015	.000v	2.48	.95	196	360	630	0	14.230	.000v	3.19	2.52
40	1080	70	0	14.014	.000v	2.41	.92	197	420	630	0	14.186	.000v	3.09	2.56
41	1140	70	0	14.013	.000v	2.23	.82	198	480	630	0	14.167	.000v	2.97	2.53
42	1200	70	0	14.012	.000v	2.17	.74	199	540	630	0	14.181	.000v	3.47	2.92
43	0	140	0	14.028	.000v	3.66	1.85	200	600	630	0	14.126	.000v	3.51	2.72
44	60	140	0	14.033	.000v	3.51	2.01	201	660	630	0	14.095	.000v	3.44	2.56
45	120	140	0	14.042	.000v	3.66	2.38	202	720	630	0	14.071	.000v	3.42	2.31
46	180	140	0	14.052	.000v	4.14	2.59	203	780	630	0	14.053	.000v	3.36	1.98
47	240	140	0	14.063	.000v	3.58	2.82	204	840	630	0	14.042	.000v	3.28	1.77
48	300	140	0	14.070	.000v	3.75	2.93	205	900	630	0	14.035	.000v	3.11	1.55
49	360	140	0	14.070	.000v	3.57	2.97	206	960	630	0	14.029	.000v	2.95	1.42
50	420	140	0	14.065	.000v	3.90	2.77	207	1020	630	0	14.025	.000v	2.81	1.28
51	480	140	0	14.058	.000v	4.03	2.61	208	1080	630	0	14.022	.000v	2.66	1.14
52	540	140	0	14.049	.000v	3.92	2.22	209	1140	630	0	14.019	.000v	2.52	1.05
53	600	140	0	14.042	.000v	3.87	1.94	210	1200	630	0	14.017	.000v	2.41	.90
54	660	140	0	14.035	.000v	3.62	1.77	211	0	700	0	14.088	.000v	4.19	3.23
55	720	140	0	14.030	.000v	3.40	1.63	212	60	700	0	14.124	.000v	4.19	3.70
56	780	140	0	14.026	.000v	3.21	1.52	213	120	700	0	14.164	.000v	3.87	3.54
57	840	140	0	14.023	.000v	3.00	1.38	214	180	700	0	14.191	.000v	3.58	3.32
58	900	140	0	14.020	.000v	2.83	1.19	215	240	700	0	14.209	.000v	3.28	2.90
59	960	140	0	14.018	.000v	2.71	1.09	216	300	700	0	14.204	.000v	2.90	2.54
60	1020	140	0	14.017	.000v	2.59	.99	217	360	700	0	14.180	.000v	2.90	2.44
61	1080	140	0	14.015	.000v	2.51	.97	218	420	700	0	14.169	.000v	2.77	2.43
62	1140	140	0	14.014	.000v	2.37	.85	219	480	700	0	14.168	.000v	2.73	2.41
63	1200	140	0	14.013	.000v	2.27	.80	220	540	700	0	14.163	.000v	2.66	2.44
64	0	210	0	14.033	.000v	3.79	2.05	221	600	700	0	14.113	.000v	2.92	2.47
65	60	210	0	14.040	.000v	3.92	2.31	222	660	700	0	14.102	.000v	2.85	2.37
66	120	210	0	14.052	.000v	3.57	2.47	223	720	700	0	14.083	.000v	2.96	2.09
67	180	210	0	14.068	.000v	4.27	2.24	224	780	700	0	14.054	.000v	3.01	1.94
68	240	210	0	14.085	.000v	4.42	2.82	225	840	700	0	14.042	.000v	2.89	1.65
69	300	210	0	14.100	.000v	4.14	3.23	226	900	700	0	14.035	.000v	2.84	1.46
70	360	210	0	14.098	.000v	3.90	3.48	227	960	700	0	14.029	.000v	2.74	1.40
71	420	210	0	14.098	.000v	3.40	3.34	228	1020	700	0	14.025	.000v	2.65	1.27
72	480	210	0	14.073	.000v	4.87	2.96	229	1080	700	0	14.022	.000v	2.54	1.11
73	540	210	0	14.059	.000v	4.39	2.35	230	1140	700	0	14.020	.000v	2.40	1.04
74	600	210	0	14.049	.000v	4.20	2.06	231	1200	700	0	14.017	.000v	2.29	.90
75	660	210	0	14.041	.000v	3.81	1.92	232	0	770	0	14.088	.000v	3.67	3.16
76	720	210	0	14.035	.000v	3.59	1.81	233	60	770	0	14.113	.000v	3.72	3.38
77	780	210	0	14.030	.000v	3.35	1.61	234	120	770	0	14.135	.000v	3.61	3.27
78	840	210	0	14.026	.000v	3.21	1.51	235	180	770	0	14.146	.000v	3.33	3.11
79	900	210	0	14.023	.000v	3.03	1.39	236	240	770	0	14.159	.000v	3.08	2.75
80	960	210	0	14.020	.000v	2.82	1.26	237	300	770	0	14.204	.000v	2.84	2.65
81	1020	210	0	14.018	.000v	2.70	1.12	238	360	770	0	14.239	.000v	2.88	2.57
82	1080	210	0	14.017	.000v	2.59	1.00	239	420	770	0	14.229	.000v	3.04	2.57
83	1140	210	0	14.015	.000v	2.47	.96	240	480	770	0	14.187	.000v	3.28	2.50
84	1200	210	0	14.014	.000v	2.32	.90	241	540	770	0	14.159	.000v	2.63	2.33
85	0	280	0	14.039	.000v	3.57	2.32	242	600	770	0	14.122	.000v	2.92	2.32
86	60	280	0	14.049	.000v	4.15	2.57	243	660	770	0	14.091	.000v	2.80	2.24
87	120	280	0	14.066	.000v	4.02	2.65	244	720	770	0	14.068	.000v	2.81	2.05
88	180	280	0	14.094	.000v	4.70	2.90	245	780	770	0	14.052	.000v	2.76	1.79
89	240	280	0	14.126	.000v	5.26	3.02	246	840	770	0	14.042	.000v	2.71	1.56
90	300	280	0	14.156	.000v	4.55	3.72	247	900	770	0	14.035	.000v	2.64	1.42
91	360	280	0	14.150	.000v	4.39	3.90	248	960	770	0	14.030	.000v	2.53	

317	60	1050	0	14.068	.000v	2.57	2.17	22	0	70	0	8.020	.000v	3.32	1.47
318	120	1050	0	14.072	.000v	2.47	2.16	23	60	70	0	8.024	.000v	3.22	1.54
319	180	1050	0	14.079	.000v	2.41	1.95	24	120	70	0	8.029	.000v	3.41	1.71
320	240	1050	0	14.095	.000v	2.50	1.87	25	180	70	0	8.034	.000v	3.32	1.98
321	300	1050	0	14.163	.000v	2.71	2.35	26	240	70	0	8.040	.000v	3.41	2.13
322	360	1050	0	14.256	.000v	2.54	2.29	27	300	70	0	8.044	.000v	3.24	2.22
323	420	1050	0	14.289	.000v	4.20	3.09	28	360	70	0	8.044	.000v	2.71	2.26
324	480	1050	0	14.453	.000v	4.34	2.88	29	420	70	0	8.042	.000v	2.39	2.07
325	540	1050	0	14.302	.000v	3.07	2.59	30	480	70	0	8.040	.000v	2.44	2.02
326	600	1050	0	14.171	.000v	3.59	2.45	31	540	70	0	8.036	.000v	2.42	1.83
327	660	1050	0	14.102	.000v	2.68	1.91	32	600	70	0	8.032	.000v	2.35	1.57
328	720	1050	0	14.068	.000v	3.77	2.72	33	660	70	0	8.029	.000v	2.29	1.40
329	780	1050	0	14.052	.000v	3.06	1.53	34	720	70	0	8.025	.000v	2.11	1.31
330	840	1050	0	14.041	.000v	2.26	1.34	35	780	70	0	8.022	.000v	2.00	1.19
331	900	1050	0	14.034	.000v	2.18	1.14	36	840	70	0	8.020	.000v	1.92	1.11
332	960	1050	0	14.029	.000v	2.07	1.03	37	900	70	0	8.018	.000v	1.85	1.11
333	1020	1050	0	14.025	.000v	1.99	.99	38	960	70	0	8.016	.000v	1.78	1.00
334	1080	1050	0	14.022	.000v	1.89	.90	39	1020	70	0	8.015	.000v	1.68	.93
335	1140	1050	0	14.019	.000v	1.87	.84	40	1080	70	0	8.014	.000v	1.63	.86
336	1200	1050	0	14.017	.000v	1.82	.80	41	1140	70	0	8.012	.000v	1.51	.80
337	0	1120	0	14.057	.000v	2.40	2.03	42	1200	70	0	8.011	.000v	1.47	.74
338	60	1120	0	14.061	.000v	2.34	1.95	43	0	140	0	8.023	.000v	3.61	1.60
339	120	1120	0	14.065	.000v	2.36	1.89	44	60	140	0	8.028	.000v	3.49	1.70
340	180	1120	0	14.073	.000v	2.39	1.68	45	120	140	0	8.034	.000v	3.40	1.84
341	240	1120	0	14.089	.000v	2.64	1.80	46	180	140	0	8.042	.000v	3.77	2.15
342	300	1120	0	14.133	.000v	3.37	2.06	47	240	140	0	8.051	.000v	3.79	2.33
343	360	1120	0	14.315	.000v	4.69	3.31	48	300	140	0	8.057	.000v	3.75	2.48
344	420	1120	0	14.309	.000v	4.50	2.56	49	360	140	0	8.057	.000v	2.86	2.51
345	480	1120	0	14.376	.000v	4.20	2.98	50	420	140	0	8.054	.000v	2.65	2.34
346	540	1120	0	14.228	.000v	4.84	3.57	51	480	140	0	8.049	.000v	2.72	2.23
347	600	1120	0	14.116	.000v	2.79	1.81	52	540	140	0	8.043	.000v	2.65	1.94
348	660	1120	0	14.117	.000v	3.20	1.94	53	600	140	0	8.037	.000v	2.62	1.66
349	720	1120	0	14.068	.000v	3.30	1.51	54	660	140	0	8.033	.000v	2.45	1.44
350	780	1120	0	14.047	.000v	3.80	1.40	55	720	140	0	8.029	.000v	2.26	1.41
351	840	1120	0	14.038	.000v	3.38	1.25	56	780	140	0	8.025	.000v	2.17	1.34
352	900	1120	0	14.032	.000v	2.51	1.14	57	840	140	0	8.022	.000v	2.03	1.26
353	960	1120	0	14.029	.000v	2.00	.99	58	900	140	0	8.020	.000v	1.91	1.14
354	1020	1120	0	14.024	.000v	1.92	.94	59	960	140	0	8.018	.000v	1.84	1.04
355	1080	1120	0	14.021	.000v	1.85	.88	60	1020	140	0	8.016	.000v	1.75	.96
356	1140	1120	0	14.018	.000v	1.79	.82	61	1080	140	0	8.015	.000v	1.70	.88
357	1200	1120	0	14.017	.000v	1.76	.76	62	1140	140	0	8.013	.000v	1.61	.83
358	0	1190	0	14.053	.000v	2.18	1.88	63	1200	140	0	8.012	.000v	1.54	.78
359	60	1190	0	14.056	.000v	2.20	1.91	64	0	210	0	8.027	.000v	3.80	1.68
360	120	1190	0	14.060	.000v	2.18	1.73	65	60	210	0	8.033	.000v	3.91	1.87
361	180	1190	0	14.067	.000v	2.46	1.63	66	120	210	0	8.042	.000v	3.64	2.03
362	240	1190	0	14.080	.000v	2.81	1.65	67	180	210	0	8.054	.000v	3.80	2.32
363	300	1190	0	14.105	.000v	3.22	1.92	68	240	210	0	8.067	.000v	4.20	2.64
364	360	1190	0	14.146	.000v	3.37	2.44	69	300	210	0	8.078	.000v	4.20	2.82
365	420	1190	0	14.158	.000v	3.34	2.28	70	360	210	0	8.078	.000v	2.84	2.67
366	480	1190	0	14.139	.000v	3.47	2.69	71	420	210	0	8.072	.000v	2.98	2.66
367	540	1190	0	14.105	.000v	3.15	2.28	72	480	210	0	8.062	.000v	3.29	2.46
368	600	1190	0	14.080	.000v	2.71	1.74	73	540	210	0	8.052	.000v	2.97	2.04
369	660	1190	0	14.071	.000v	2.75	1.60	74	600	210	0	8.044	.000v	2.74	1.76
370	720	1190	0	14.053	.000v	2.99	1.55	75	660	210	0	8.038	.000v	2.58	1.65
371	780	1190	0	14.041	.000v	3.59	1.32	76	720	210	0	8.033	.000v	2.43	1.62
372	840	1190	0	14.034	.000v	3.70	1.20	77	780	210	0	8.029	.000v	2.27	1.50
373	900	1190	0	14.029	.000v	3.29	1.05	78	840	210	0	8.025	.000v	2.17	1.36
374	960	1190	0	14.025	.000v	2.72	1.00	79	900	210	0	8.022	.000v	2.05	1.21
375	1020	1190	0	14.022	.000v	2.22	.95	80	960	210	0	8.020	.000v	1.91	1.10
376	1080	1190	0	14.020	.000v	1.89	.86	81	1020	210	0	8.018	.000v	1.83	1.04
377	1140	1190	0	14.017	.000v	1.75	.78	82	1080	210	0	8.016	.000v	1.76	.92
378	1200	1190	0	14.016	.000v	1.70	.74	83	1140	210	0	8.015	.000v	1.67	.87
379	0	1260	0	14.049	.000v	2.05	1.76	84	1200	210	0	8.013	.000v	1.58	.80
380	60	1260	0	14.051	.000v	2.05	1.75	85	0	280	0	8.032	.000v	3.68	1.85
381	120	1260	0	14.060	.000v	2.18	1.43	86	60	280	0	8.040	.000v	3.16	1.95
382	180	1260	0	14.060	.000v	2.45	1.38	87	120	280	0	8.052	.000v	4.03	2.10
383	240	1260	0	14.069	.000v	2.67	1.51	88	180	280	0	8.073	.000v	3.67	2.49
384	300	1260	0	14.082	.000v	2.83	1.71	89	240	280	0	8.097	.000v	4.53	2.90
385	360	1260	0	14.089	.000v	2.89	2.05	90	300	280	0	8.119	.000v	4.75	3.23
386	420	1260	0	14.099	.000v	2.81	2.08	91	360	280	0	8.116	.000v	2.98	2.67
387	480	1260	0	14.085	.000v	2.93	2.16	92	420	280	0	8.100	.000v	3.58	2.98
388	540	1260	0	14.071	.000v	2.94	1.95	93	480	280	0	8.080	.000v	3.55	2.66
389	600	1260	0	14.060	.000v	2.66	1.66	94	540	280	0	8.064	.000v	2.31	2.23
390	660	1260	0	14.051	.000v	2.51	1.46	95	600	280	0	8.053	.000v	3.08	1.99
391	720	1260	0	14.042	.000v	2.49	1.38	96	660	280	0	8.045	.000v	2.79	1.86
392	780	1260	0	14.035	.000v	3.20	1.25	97	720	280	0	8.038	.000v	2.58	1.75
393	840	1260	0	14.030	.000v	3.47	1.13	98	780	280	0	8.033	.000v	2.57	1.67
394	900	1260	0	14.027	.000v	3.50	1.05	99	840	280	0	8.029	.000v	2.27	1.47
395	960	1260	0	14.023	.000v	3.06	.94	100	900	280	0	8.025	.000v	2.19	1.30
396	1020	1260	0	14.021	.000v	2.70	.87	101	960	280	0	8.022	.000v	1.99	1.15
397	1080	1260	0	14.019	.000v	2.22	.82	102	1020	280	0	8.019	.000v	1.96	1.06
398	1140	1260	0	14.017	.000v	1.82	.78	103	1080	280	0	8.017	.000v	1.80	.99
399	1200	1260	0	14.015	.000v	1.69v	.72	104	1140	280	0	8.016	.000v	1.71	.90
400	0	1330	0	14.044	.000v	1.96	1.52	105	1200	280	0	8.014	.000v	1.61	.84
401	60	1330	0	14.046	.000v	1.95	1.48	106	0	350	0	8.038	.000v	3.14	1.99
402	120	1330	0	14.049	.000v	2.12	1.41	107	60	350	0	8.050	.000v	3.91	2.20
403	180	1330	0	14.053	.000v	2.26	1.27	108	120	350	0	8.068	.000v	4.36	2.18
404	240	1330	0	14.059	.000v	2.34	1.40	109	180	350	0	8.105	.000v	3.95	2.34
405	300	1330	0	14.066	.000v	2.39	1.58	110	240	350	0	8.			

179	600	560	0	8.137	.000v	4.06	2.70	336	1200	1050	0	8.019	.000v	2.52	1.00
180	660	560	0	8.108	.000v	3.82	2.47	337	0	1120	0	8.062	.000v	2.32	1.61
181	720	560	0	8.078	.000v	3.67	2.38	338	60	1120	0	8.071	.000v	2.55	1.75
182	780	560	0	8.055	.000v	2.80	1.94	339	120	1120	0	8.084	.000v	2.76	2.08
183	840	560	0	8.042	.000v	2.52	1.73	340	180	1120	0	8.101	.000v	2.98	2.61
184	900	560	0	8.035	.000v	2.28	1.51	341	240	1120	0	8.125	.000v	3.16	2.91
185	960	560	0	8.029	.000v	2.15	1.37	342	300	1120	0	8.170	.000v	3.60	3.43
186	1020	560	0	8.025	.000v	2.04	1.19	343	360	1120	0	8.349	.000v	5.16	4.72
187	1080	560	0	8.022	.000v	1.90	1.10	344	420	1120	0	8.337	.000v	4.50	3.72
188	1140	560	0	8.019	.000v	1.79	1.02	345	480	1120	0	8.399	.000v	5.03	3.88
189	1200	560	0	8.017	.000v	1.69	.93	346	540	1120	0	8.246	.000v	6.37	4.43
190	0	630	0	8.070	.000v	3.82	2.38	347	600	1120	0	8.130	.000v	4.16	2.31
191	60	630	0	8.100	.000v	4.20	2.66	348	660	1120	0	8.128	.000v	4.53	2.67
192	120	630	0	8.152	.000v	4.62	2.83	349	720	1120	0	8.077	.000v	3.35	2.02
193	180	630	0	8.207	.000v	5.01	2.67	350	780	1120	0	8.054	.000v	4.10	1.75
194	240	630	0	8.252	.000v	5.39	2.82	351	840	1120	0	8.043	.000v	4.11	1.55
195	300	630	0	8.229	.000v	4.92	2.98	352	900	1120	0	8.036	.000v	3.71	1.37
196	360	630	0	8.223	.000v	4.53	3.99	353	960	1120	0	8.030	.000v	3.45	1.27
197	420	630	0	8.213	.000v	4.76	4.63	354	1020	1120	0	8.026	.000v	3.22	1.16
198	480	630	0	8.201	.000v	5.15	4.63	355	1080	1120	0	8.023	.000v	2.99	1.10
199	540	630	0	8.203	.000v	5.45	3.85	356	1140	1120	0	8.020	.000v	2.73	1.04
200	600	630	0	8.138	.000v	4.71	2.95	357	1200	1120	0	8.018	.000v	2.53	.96
201	660	630	0	8.102	.000v	4.02	2.42	358	0	1190	0	8.059	.000v	2.11	1.48
202	720	630	0	8.075	.000v	3.49	2.19	359	60	1190	0	8.067	.000v	2.30	1.90
203	780	630	0	8.056	.000v	3.09	2.01	360	120	1190	0	8.077	.000v	2.47	2.00
204	840	630	0	8.045	.000v	2.80	1.87	361	180	1190	0	8.090	.000v	2.63	2.24
205	900	630	0	8.037	.000v	2.47	1.57	362	240	1190	0	8.106	.000v	2.81	2.58
206	960	630	0	8.031	.000v	2.22	1.45	363	300	1190	0	8.130	.000v	3.22	2.96
207	1020	630	0	8.026	.000v	2.05	1.28	364	360	1190	0	8.168	.000v	4.02	3.52
208	1080	630	0	8.023	.000v	1.91	1.16	365	420	1190	0	8.177	.000v	3.85	3.19
209	1140	630	0	8.020	.000v	1.84	1.04	366	480	1190	0	8.155	.000v	4.73	3.42
210	1200	630	0	8.018	.000v	1.75	.96	367	540	1190	0	8.118	.000v	4.41	2.89
211	0	700	0	8.073	.000v	2.71	2.34	368	600	1190	0	8.091	.000v	3.92	2.49
212	60	700	0	8.101	.000v	4.24	2.63	369	660	1190	0	8.075	.000v	3.79	2.10
213	120	700	0	8.134	.000v	4.97	2.56	370	720	1190	0	8.060	.000v	3.61	2.05
214	180	700	0	8.162	.000v	5.84	2.64	371	780	1190	0	8.047	.000v	3.68	1.72
215	240	700	0	8.194	.000v	6.64	3.36	372	840	1190	0	8.040	.000v	3.92	1.49
216	300	700	0	8.230	.000v	7.08	4.02	373	900	1190	0	8.033	.000v	3.79	1.34
217	360	700	0	8.272	.000v	7.01	5.50	374	960	1190	0	8.028	.000v	3.46	1.21
218	420	700	0	8.330	.000v	7.00	6.83	375	1020	1190	0	8.025	.000v	3.19	1.10
219	480	700	0	8.319	.000v	8.76	8.16	376	1080	1190	0	8.022	.000v	2.97	1.04
220	540	700	0	8.212	.000v	6.79	4.91	377	1140	1190	0	8.019	.000v	2.75	.97
221	600	700	0	8.140	.000v	5.31	3.53	378	1200	1190	0	8.017	.000v	2.56	.88
222	660	700	0	8.117	.000v	4.59	2.83	379	0	1260	0	8.056	.000v	1.93	1.58
223	720	700	0	8.092	.000v	4.47	2.57	380	60	1260	0	8.052	.000v	1.76	1.63
224	780	700	0	8.060	.000v	3.42	2.02	381	120	1260	0	8.069	.000v	2.20	1.93
225	840	700	0	8.047	.000v	2.92	1.81	382	180	1260	0	8.078	.000v	2.45	2.15
226	900	700	0	8.038	.000v	2.50	1.66	383	240	1260	0	8.088	.000v	2.68	2.38
227	960	700	0	8.032	.000v	2.26	1.47	384	300	1260	0	8.100	.000v	2.83	2.55
228	1020	700	0	8.027	.000v	2.11	1.34	385	360	1260	0	8.108	.000v	3.34	2.59
229	1080	700	0	8.024	.000v	1.97	1.20	386	420	1260	0	8.112	.000v	3.51	2.83
230	1140	700	0	8.021	.000v	1.86	1.07	387	480	1260	0	8.096	.000v	3.95	2.65
231	1200	700	0	8.018	.000v	1.85	.99	388	540	1260	0	8.081	.000v	4.00	2.46
232	0	770	0	8.075	.000v	3.30	2.36	389	600	1260	0	8.068	.000v	3.69	2.20
233	60	770	0	8.096	.000v	3.64	2.39	390	660	1260	0	8.057	.000v	3.44	1.94
234	120	770	0	8.119	.000v	4.30	2.45	391	720	1260	0	8.048	.000v	3.33	1.80
235	180	770	0	8.140	.000v	5.30	3.07	392	780	1260	0	8.040	.000v	3.28	1.64
236	240	770	0	8.184	.000v	6.98	4.47	393	840	1260	0	8.034	.000v	3.62	1.47
237	300	770	0	8.379	.000v	10.22	7.85	394	900	1260	0	8.030	.000v	3.70	1.29
238	360	770	0	8.924	.000v	11.03	8.91	395	960	1260	0	8.026	.000v	3.47	1.20
239	420	770	0	9.046^	.000v	7.22	7.22	396	1020	1260	0	8.023	.000v	3.25	1.10
240	480	770	0	8.733	.000v	10.53	8.62	397	1080	1260	0	8.020	.000v	2.94	1.00
241	540	770	0	8.270	.000v	7.28	6.12	398	1140	1260	0	8.018	.000v	2.67	.96
242	600	770	0	8.166	.000v	5.78	3.94	399	1200	1260	0	8.016	.000v	2.51	.89
243	660	770	0	8.114	.000v	3.67	3.00	400	0	1330	0	8.052	.000v	1.85	1.48
244	720	770	0	8.082	.000v	3.87	2.34	401	60	1330	0	8.057	.000v	1.93	1.62
245	780	770	0	8.061	.000v	3.28	1.93	402	120	1330	0	8.062	.000v	2.13	1.81
246	840	770	0	8.048	.000v	2.82	1.78	403	180	1330	0	8.067	.000v	2.27	1.98
247	900	770	0	8.039	.000v	2.48	1.59	404	240	1330	0	8.074	.000v	2.35	1.93
248	960	770	0	8.033	.000v	2.19	1.43	405	300	1330	0	8.079	.000v	2.64	2.24
249	1020	770	0	8.028	.000v	2.06	1.31	406	360	1330	0	8.081	.000v	3.02	2.13
250	1080	770	0	8.024	.000v	1.96	1.19	407	420	1330	0	8.082	.000v	3.27	2.26
251	1140	770	0	8.021	.000v	1.88	1.08	408	480	1330	0	8.070	.000v	3.45	2.13
252	1200	770	0	8.019	.000v	1.86	.99	409	540	1330	0	8.062	.000v	3.55	2.13
253	0	840	0	8.073	.000v	3.02	2.12	410	600	1330	0	8.053	.000v	3.43	1.94
254	60	840	0	8.090	.000v	3.51	2.16	411	660	1330	0	8.046	.000v	3.25	1.78
255	120	840	0	8.109	.000v	4.21	2.47	412	720	1330	0	8.040	.000v	3.11	1.65
256	180	840	0	8.134	.000v	5.08	3.34	413	780	1330	0	8.034	.000v	2.99	1.48
257	240	840	0	8.199	.000v	6.19	5.18	414	840	1330	0	8.030	.000v	3.18	1.37
258	300	840	0	8.480	.000v	8.45	8.03	415	900	1330	0	8.027	.000v	3.44	1.29
259	360	840	0	8.579^	.000v	9.05	8.45	416	960	1330	0	8.024	.000v	3.43	1.15
260	420	840	0	9.038	.000v	10.53	9.14	417	1020	1330	0	8.021	.000v	3.24	1.08
261	480	840	0	8.674	.000v	11.12	9.32^	418	1080	1330	0	8.019	.000v	2.97	1.00
262	540	840	0	8.268	.000v	7.55	6.17	419	1140	1330	0	8.017	.000v	2.71	.95
263	600	840	0	8.162	.000v	5.92	4.00	420	1200	1330	0	8.016	.000v	2.55	.89
264	660	840	0	8.111	.000v	4.57	2.94	421	0	1400	0	8.047	.000v	1.76	1.46
265	720	840	0	8.080	.000v	3.78	2.28	422	60	1400	0	8.051	.000v	1.83	1.52
266	780	840	0	8.061	.000v	3.18	1.84	423	120	1400	0	8.055	.000v	1.98	1.66
267	840	840	0	8.048											

41	1140	70	0	8.2	.000v	118.	13.	198	480	630	0	9.3	.000v	203.	26.
42	1200	70	0	8.2	.000v	109.	12.	199	540	630	0	10.0	.000v	209.	30.
43	0	140	0	8.2	.000v	105.	12.	200	600	630	0	9.8	.000v	215.	32.
44	60	140	0	8.2	.000v	117.	12.	201	660	630	0	9.5	.000v	217.	31.
45	120	140	0	8.2	.000v	114.	13.	202	720	630	0	11.4	.2	217.	27.
46	180	140	0	8.2	.000v	125.	13.	203	780	630	0	9.0	.000v	224.	24.
47	240	140	0	8.2	.000v	124.	13.	204	840	630	0	8.8	.000v	222.	22.
48	300	140	0	8.3	.000v	122.	14.	205	900	630	0	8.7	.000v	213.	20.
49	360	140	0	8.3	.000v	126.	16.	206	960	630	0	8.5	.000v	209.	18.
50	420	140	0	8.3	.000v	129.	17.	207	1020	630	0	8.5	.000v	192.	17.
51	480	140	0	8.4	.000v	134.	17.	208	1080	630	0	8.4	.000v	179.	17.
52	540	140	0	8.4	.000v	140.	17.	209	1140	630	0	8.4	.000v	172.	16.
53	600	140	0	8.4	.000v	136.	18.	210	1200	630	0	8.3	.000v	162.	16.
54	660	140	0	8.4	.000v	133.	18.	211	0	700	0	8.3	.000v	153.	15.
55	720	140	0	8.4	.000v	132.	17.	212	60	700	0	8.4	.000v	164.	16.
56	780	140	0	8.3	.000v	142.	17.	213	120	700	0	8.5	.000v	176.	17.
57	840	140	0	8.3	.000v	140.	16.	214	180	700	0	8.6	.000v	188.	18.
58	900	140	0	8.3	.000v	138.	16.	215	240	700	0	8.8	.000v	201.	19.
59	960	140	0	8.3	.000v	135.	16.	216	300	700	0	9.0	.000v	209.	20.
60	1020	140	0	8.3	.000v	127.	15.	217	360	700	0	9.1	.000v	210.	23.
61	1080	140	0	8.2	.000v	123.	14.	218	420	700	0	9.3	.000v	218.	25.
62	1140	140	0	8.2	.000v	124.	14.	219	480	700	0	9.7	.000v	234.	28.
63	1200	140	0	8.2	.000v	115.	13.	220	540	700	0	10.1	.000v	244.	39.
64	110	210	0	8.2	.000v	114.	12.	221	600	700	0	10.1	.000v	252.	49.
65	60	210	0	8.2	.000v	118.	13.	222	660	700	0	10.0	.000v	252.	46.
66	120	210	0	8.2	.000v	123.	13.	223	720	700	0	9.6	.000v	255.	38.
67	180	210	0	8.2	.000v	133.	14.	224	780	700	0	9.1	.000v	243.	29.
68	240	210	0	8.3	.000v	132.	14.	225	840	700	0	8.9	.000v	230.	23.
69	300	210	0	8.3	.000v	131.	15.	226	900	700	0	9.0	.000v	223.	20.
70	360	210	0	8.3	.000v	141.	17.	227	960	700	0	8.6	.000v	215.	19.
71	420	210	0	8.4	.000v	149.	18.	228	1020	700	0	8.5	.000v	203.	17.
72	480	210	0	8.4	.000v	143.	18.	229	1080	700	0	8.4	.000v	186.	17.
73	540	210	0	8.4	.000v	142.	18.	230	1140	700	0	8.4	.000v	176.	17.
74	600	210	0	8.4	.000v	147.	18.	231	1200	700	0	8.4	.000v	172.	16.
75	660	210	0	8.4	.000v	145.	18.	232	0	770	0	8.4	.000v	156.	15.
76	720	210	0	8.4	.000v	154.	18.	233	60	770	0	8.4	.000v	162.	16.
77	780	210	0	8.4	.000v	144.	17.	234	120	770	0	8.5	.000v	179.	19.
78	840	210	0	8.4	.000v	147.	17.	235	180	770	0	8.6	.000v	192.	18.
79	900	210	0	8.3	.000v	149.	17.	236	240	770	0	8.9	.000v	200.	20.
80	960	210	0	8.3	.000v	145.	16.	237	300	770	0	9.5	.000v	211.	23.
81	1020	210	0	8.3	.000v	141.	15.	238	360	770	0	10.1	.000v	218.	25.
82	1080	210	0	8.3	.000v	132.	15.	239	420	770	0	10.3	.000v	236.	28.
83	1140	210	0	8.2	.000v	126.	14.	240	480	770	0	10.2	.000v	251.	37.
84	1200	210	0	8.2	.000v	127.	14.	241	540	770	0	10.4	.000v	250.	51.
85	0	280	0	8.2	.000v	121.	13.	242	600	770	0	10.7	.000v	251.	79.
86	60	280	0	8.2	.000v	124.	13.	243	660	770	0	10.2	.000v	265.	74.
87	120	280	0	8.2	.000v	130.	14.	244	720	770	0	9.7	.000v	271.	57.
88	180	280	0	8.3	.000v	131.	14.	245	780	770	0	9.2	.000v	262.	37.
89	240	280	0	8.2	.000v	137.	15.	246	840	770	0	9.0	.000v	238.	26.
90	300	280	0	8.4	.000v	142.	16.	247	900	770	0	8.8	.000v	212.	22.
91	360	280	0	8.4	.000v	152.	17.	248	960	770	0	8.7	.000v	204.	20.
92	420	280	0	8.5	.000v	155.	19.	249	1020	770	0	8.6	.000v	201.	18.
93	480	280	0	8.5	.000v	152.	19.	250	1080	770	0	8.5	.000v	188.	17.
94	540	280	0	8.5	.000v	155.	20.	251	1140	770	0	8.4	.000v	175.	17.
95	600	280	0	8.5	.000v	166.	20.	252	1200	770	0	8.4	.000v	162.	17.
96	660	280	0	8.5	.000v	158.	20.	253	0	840	0	8.4	.000v	158.	16.
97	720	280	0	8.5	.000v	156.	19.	254	60	840	0	8.5	.000v	164.	17.
98	780	280	0	8.4	.000v	158.	19.	255	120	840	0	8.6	.000v	175.	17.
99	840	280	0	8.4	.000v	153.	18.	256	180	840	0	8.7	.000v	188.	18.
100	900	280	0	8.4	.000v	160.	17.	257	240	840	0	9.0	.000v	200.	20.
101	960	280	0	8.3	.000v	149.	17.	258	300	840	0	9.7	.000v	209.	23.
102	1020	280	0	8.3	.000v	144.	16.	259	360	840	0	10.1	.000v	216.	25.
103	1080	280	0	8.3	.000v	145.	15.	260	420	840	0	10.6	.000v	247.	33.
104	1140	280	0	8.3	.000v	135.	15.	261	480	840	0	10.5	.000v	260.	45.
105	1200	280	0	8.3	.000v	142.	14.	262	540	840	0	10.5	.000v	294.	74.
106	0	350	0	8.2	.000v	133.	14.	263	600	840	0	10.9	.000v	288.	137.
107	60	350	0	8.2	.000v	129.	14.	264	660	840	0	10.5	.000v	303.^	138.
108	120	350	0	8.3	.000v	136.	15.	265	720	840	0	9.9	.000v	298.	76.
109	180	350	0	8.3	.000v	142.	15.	266	780	840	0	9.9	.000v	265.	49.
110	240	350	0	8.7	.000v	148.	15.	267	840	840	0	9.1	.000v	246.	36.
111	300	350	0	8.6	.000v	154.	16.	268	900	840	0	8.9	.000v	214.	26.
112	360	350	0	8.6	.000v	160.	17.	269	960	840	0	8.8	.000v	208.	21.
113	420	350	0	8.8	.000v	171.	20.	270	1020	840	0	9.7	.000v	191.	19.
114	480	350	0	8.6	.000v	169.	21.	271	1080	840	0	8.6	.000v	189.	17.
115	540	350	0	8.6	.000v	173.	21.	272	1140	840	0	8.5	.000v	175.	17.
116	600	350	0	8.6	.000v	180.	21.	273	1200	840	0	8.4	.000v	165.	17.
117	660	350	0	8.6	.000v	174.	20.	274	0	910	0	8.4	.000v	166.	16.
118	720	350	0	8.6	.000v	174.	20.	275	60	910	0	8.5	.000v	170.	17.
119	780	350	0	8.5	.000v	172.	19.	276	120	910	0	8.6	.000v	176.	17.
120	840	350	0	8.5	.000v	171.	19.	277	180	910	0	8.8	.000v	188.	18.
121	900	350	0	8.4	.000v	164.	18.	278	240	910	0	9.0	.000v	193.	21.
122	960	350	0	8.4	.000v	161.	17.	279	300	910	0	9.8	.000v	200.	23.
123	1020	350	0	8.3	.000v	156.	16.	280	360	910	0	9.9	.000v	225.	27.
124	1080	350	0	8.3	.000v	149.	16.	281	420	910	0	10.0	.000v	253.	37.
125	1140	350	0	8.3	.000v	142.	16.	282	480	910	0	10.3	.000v	259.	55.
126	1200	350	0	8.3	.000v	142.	14.	283	540	910	0	10.7	.000v	296.	102.
127	0	420	0	8.2	.000v	132.	14.	284	600	910	0	9.9	.000v	93.v	68.
128	60	420	0	8.3	.000v	136.	15.	285	660	910	0	10.5	.000v	226.	153.
129	120	420	0	8.3	.000v	148.	16.	286	720	910	0	10.1	.000v	289.	109.
130	180	420	0	8.3	.000v	152.	15.	287	780	910	0	9.8	.000v	250.	64.
131	240	420	0	8.5	.000v	158.	16.	288	840	910	0	9.3	.000v	248.	43.
132	300	420	0	8.5	.000v	160.	17.	289	900	910	0	9.0	.000v	219.	30.
133	360	420	0	8.6	.000v	165.	17.	290	960	910	0	8.9	.000v	199.	23.
134	420	420	0	8.7	.000v	178.	19.	291	1020	910	0	8.7	.000v	196.	20.
135	480	420	0	8.9	.000v	185.	22.	292	1080	910	0	8.6	.000v	184.	18.
136	540	420	0	8.8	.000v	183.	22.	293	1140	910	0	8.5	.000v	179.	17.</

355	1080	1120	0	8.6	.000v	181.	17.	60	1020	140	0	9.305	.000v	182.41	78.24
356	1140	1120	0	8.5	.000v	163.	18.	61	1080	140	0	9.227	.000v	180.11	79.10
357	1200	1120	0	8.5	.000v	153.	17.	62	1140	140	0	9.150	.000v	184.83	76.01
358	0	1190	0	8.6	.000v	158.	18.	63	1200	140	0	9.068	.000v	173.34	75.54
359	60	1190	0	8.7	.000v	164.	19.	64	0	210	0	8.857	.000v	163.98	66.30
360	120	1190	0	8.8	.000v	179.	20.	65	60	210	0	8.927	.000v	169.54	65.26
361	180	1190	0	9.0	.000v	197.	22.	66	120	210	0	9.004	.000v	171.06	69.46
362	240	1190	0	9.1	.000v	214.	24.	67	180	210	0	9.095	.000v	183.08	70.55
363	300	1190	0	9.7	.000v	224.	29.	68	240	210	0	9.212	.000v	182.12	73.18
364	360	1190	0	10.4	.000v	236.	40.	69	300	210	0	9.363	.000v	182.19	75.35
365	420	1190	0	11.0	.000v	240.	55.	70	360	210	0	9.578	.000v	194.54	83.52
366	480	1190	0	11.2	.000v	220.	64.	71	420	210	0	9.602	.002	205.38	95.58
367	540	1190	0	10.9	.000v	218.	65.	72	480	210	0	9.975	.001	206.35	95.91
368	600	1190	0	10.4	.000v	214.	56.	73	540	210	0	10.078	.001	212.24	98.06
369	660	1190	0	10.2	.000v	213.	53.	74	600	210	0	10.111	.003	211.77	98.51
370	720	1190	0	9.7	.000v	209.	41.	75	660	210	0	10.080	.001	213.56	98.28
371	780	1190	0	9.4	.000v	201.	33.	76	720	210	0	10.001	.003	213.43	96.34
372	840	1190	0	9.2	.000v	202.	27.	77	780	210	0	9.872	.000v	198.15	92.22
373	900	1190	0	9.0	.000v	196.	23.	78	840	210	0	9.738	.002	208.12	93.53
374	960	1190	0	8.8	.000v	187.	20.	79	900	210	0	9.632	.002	209.10	91.38
375	1020	1190	0	8.7	.000v	183.	18.	80	960	210	0	9.535	.001	200.90	83.20
376	1080	1190	0	8.6	.000v	173.	18.	81	1020	210	0	9.439	.000v	193.41	83.62
377	1140	1190	0	8.5	.000v	164.	18.	82	1080	210	0	9.340	.000v	181.45	84.38
378	1200	1190	0	8.5	.000v	154.	17.	83	1140	210	0	9.233	.000v	183.01	81.36
379	0	1260	0	8.6	.000v	153.	18.	84	1200	210	0	9.140	.000v	176.15	78.13
380	60	1260	0	8.7	.000v	171.	19.	85	0	280	0	8.932	.000v	172.57	66.87
381	120	1260	0	8.8	.000v	173.	21.	86	60	280	0	9.013	.000v	169.78	71.91
382	180	1260	0	9.0	.000v	191.	21.	87	120	280	0	9.111	.000v	179.31	72.33
383	240	1260	0	9.6	.000v	204.	24.	88	180	280	0	9.232	.000v	181.15	75.45
384	300	1260	0	9.6	.000v	215.	30.	89	240	280	0	9.400	.000v	188.11	79.21
385	360	1260	0	10.0	.000v	224.	40.	90	300	280	0	9.575	.000v	194.31	81.35
386	420	1260	0	10.3	.000v	213.	45.	91	360	280	0	9.772	.001	209.30	83.48
387	480	1260	0	10.4	.000v	210.	49.	92	420	280	0	10.038	.005	214.58	91.50
388	540	1260	0	10.1	.000v	205.	46.	93	480	280	0	10.316	.005	208.63	102.22
389	600	1260	0	9.8	.000v	205.	40.	94	540	280	0	10.435	.005	225.18	108.28
390	660	1260	0	9.7	.000v	205.	40.	95	600	280	0	10.473	.006	226.11	108.18
391	720	1260	0	9.4	.000v	197.	33.	96	660	280	0	10.495	.005	220.95	103.44
392	780	1260	0	9.2	.000v	192.	27.	97	720	280	0	10.294	.005	219.59	102.65
393	840	1260	0	9.0	.000v	192.	23.	98	780	280	0	10.137	.005	218.50	100.71
394	900	1260	0	8.9	.000v	191.	21.	99	840	280	0	9.976	.003	208.72	94.99
395	960	1260	0	8.7	.000v	177.	20.	100	900	280	0	9.834	.002	217.81	97.05
396	1020	1260	0	8.6	.000v	174.	19.	101	960	280	0	9.708	.002	204.07	94.74
397	1080	1260	0	8.6	.000v	165.	18.	102	1020	280	0	9.580	.000v	197.66	91.99
398	1140	1260	0	8.5	.000v	151.	18.	103	1080	280	0	9.452	.000v	198.48	79.89
399	1200	1260	0	8.4	.000v	147.	17.	104	1140	280	0	9.327	.000v	185.43	86.27
400	0	1330	0	8.6	.000v	154.	19.	105	1200	280	0	9.191	.000v	179.68	77.73
401	60	1330	0	8.7	.000v	154.	19.	106	0	350	0	9.016	.000v	182.80	71.95
402	120	1330	0	8.8	.000v	169.	20.	107	60	350	0	9.112	.000v	177.91	71.37
403	180	1330	0	9.4	.000v	179.	21.	108	120	350	0	9.241	.000v	186.00	76.16
404	240	1330	0	9.2	.000v	184.	24.	109	180	350	0	9.424	.000v	193.61	78.96
405	300	1330	0	9.5	.000v	196.	29.	110	240	350	0	10.140	.001	201.39	81.66
406	360	1330	0	9.7	.000v	202.	33.	111	300	350	0	10.182	.001	208.74	82.42
407	420	1330	0	9.7	.000v	202.	36.	112	360	350	0	10.217	.002	221.88	89.58
408	480	1330	0	9.7	.000v	203.	38.	113	420	350	0	10.788	.004	237.88	102.13
409	540	1330	0	9.6	.000v	195.	33.	114	480	350	0	10.771	.007	231.56	108.40
410	600	1330	0	9.5	.000v	193.	30.	115	540	350	0	10.907	.008	236.50	110.66
411	660	1330	0	9.4	.000v	193.	30.	116	600	350	0	10.963	.008	246.00	116.40
412	720	1330	0	9.2	.000v	190.	27.	117	660	350	0	10.897	.007	238.60	112.23
413	780	1330	0	9.0	.000v	187.	23.	118	720	350	0	10.710	.007	237.10	109.98
414	840	1330	0	8.9	.000v	180.	21.	119	780	350	0	10.449	.004	233.87	106.01
415	900	1330	0	8.8	.000v	180.	20.	120	840	350	0	10.255	.003	233.13	101.30
416	960	1330	0	8.7	.000v	168.	19.	121	900	350	0	10.074	.004	223.77	102.01
417	1020	1330	0	8.6	.000v	166.	19.	122	960	350	0	9.906	.003	220.22	94.81
418	1080	1330	0	8.5	.000v	158.	18.	123	1020	350	0	9.735	.001	212.69	91.97
419	1140	1330	0	8.5	.000v	145.	17.	124	1080	350	0	9.558	.001	204.35	88.89
420	1200	1330	0	8.4	.000v	147.	17.	125	1140	350	0	9.397	.000v	194.96	84.48
421	0	1400	0	8.6	.000v	143.	18.	126	1200	350	0	9.248	.000v	194.19	81.46
422	60	1400	0	8.6	.000v	147.	18.	127	0	420	0	9.110	.000v	181.80	71.70
423	120	1400	0	8.6	.000v	138.	18.	128	60	420	0	9.233	.000v	188.47	74.76
424	180	1400	0	8.9	.000v	168.	22.	129	120	420	0	9.428	.001	203.08	79.61
425	240	1400	0	9.1	.000v	175.	23.	130	180	420	0	9.771	.001	206.06	81.22
426	300	1400	0	9.3	.000v	179.	26.	131	240	420	0	9.867	.001	215.11	83.58
427	360	1400	0	9.4	.000v	186.	29.	132	300	420	0	10.072	.002	217.00	86.24
428	420	1400	0	9.5	.000v	188.	30.	133	360	420	0	10.381	.001	223.80	94.01
429	480	1400	0	9.4	.000v	180.	29.	134	420	420	0	10.861	.005	243.42	104.49
430	540	1400	0	9.2	.000v	183.	25.	135	480	420	0	11.569	.010	254.20	114.32
431	600	1400	0	9.0	.000v	180.	22.	136	540	420	0	11.580	.012	252.22	114.75
432	660	1400	0	9.1	.000v	180.	25.	137	600	420	0	11.736	.013	252.98	118.45
433	720	1400	0	9.0	.000v	176.	24.	138	660	420	0	11.730	.015	257.96	118.38
434	780	1400	0	8.9	.000v	173.	21.	139	720	420	0	11.251	.011	252.58	113.87
435	840	1400	0	8.8	.000v	168.	20.	140	780	420	0	10.863	.006	245.26	108.68
436	900	1400	0	8.7	.000v	168.	20.	141	840	420	0	10.589	.006	249.01	108.03
437	960	1400	0	8.6	.000v	157.	19.	142	900	420	0	10.352	.006	243.99	97.06
438	1020	1400	0	8.5	.000v	150.	19.	143	960	420	0	10.110	.003	234.55	96.96
439	1080	1400	0	8.5	.000v	143.	17.	144	1020	420	0	9.875	.003	227.42	96.68
440	1140	1400	0	8.4	.000v	142.	17.	145	1080	420	0	9.657	.002	216.04	90.48
441	1200	1400	0	8.4	.000v	136.	17.	146	1140	420	0	9.467	.001	206.77	85.18
----- wartosci srednie -----				8.9	.000	179.	26.	147	1200	420	0	9.302	.001	202.90	84.03
								148	0	490	0	9.207	.000v	197.12	71.83
								149	60	490	0				

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


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-----
NUMER OKRESU 2 | sezon 1
-----
numery podokresow emisji
5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .0010120 | .00008200 | .0030450 | .00091300
-----
EMITOR NR 32 - LINIOWY "E32"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] | emisji
341.0 | 1074.0 | 588.0 | 1010.0 | 1.5 | 2
-----
dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .0035240 | .00028600 | .010601 | .0031800
-----
NUMER OKRESU 2 | sezon 1
-----
numery podokresow emisji
5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .0028190 | .00022900 | .0084810 | .0025440
-----
EMITOR NR 33 - LINIOWY "E33"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] | emisji
357.0 | 1073.0 | 380.0 | 1156.0 | 1.5 | 2
-----
dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .0011970 | .00009700 | .0036010 | .0010800
-----
NUMER OKRESU 2 | sezon 1
-----
numery podokresow emisji
5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .00095800 | .00007800 | .0028810 | .00086400
-----
EMITOR NR 34 - LINIOWY "E34"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] | emisji
391.0 | 1062.0 | 414.0 | 1146.0 | 1.5 | 2
-----
dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .0011970 | .00009700 | .0036010 | .0010800
-----
NUMER OKRESU 2 | sezon 1
-----
numery podokresow emisji
5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .00095800 | .00007800 | .0028810 | .00086400
-----
EMITOR NR 35 - LINIOWY "E35"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] | emisji
424.0 | 1055.0 | 445.0 | 1137.0 | 1.5 | 2
-----
dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .0011970 | .00009700 | .0036010 | .0010800
-----
NUMER OKRESU 2 | sezon 1
-----
numery podokresow emisji
5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .00095800 | .00007800 | .0028810 | .00086400
-----
EMITOR NR 36 - LINIOWY "E36"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] | emisji
450.0 | 1047.0 | 473.0 | 1130.0 | 1.5 | 2
-----
dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .0011970 | .00009700 | .0036010 | .0010800
-----
NUMER OKRESU 2 | sezon 1
-----
numery podokresow emisji
5
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .00095800 | .00007800 | .0028810 | .00086400
-----
EMITOR NR 37 - LINIOWY "E37"
-----
wspolrzedne emitora | wysokosc | liczba okresow
x11[m] | y11[m] | x12[m] | y12[m] | hl[m] | emisji
478.0 | 1041.0 | 500.0 | 1123.0 | 1.5 | 2
-----
dane w okresach emisji :
-----
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] | .0011970 | .00009700 | .0036010 | .0010800
-----

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=====
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] |.00088800|.00007200|.0026700|.00080100
=====
EMITOR NR 77 - LINIOWY "E77"
-----
wspolrzedne emitora |wysokosc| liczba okresow
x1[m] y1[m] | x2[m] y2[m] | hl[m] | emisji
498.0 561.0 | 709.0 503.0 | 1.5 | 1
-----
dane w okresach emisji:
=====
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] |.00090600|.00007400|.0027240|.00081700
=====
EMITOR NR 78 - LINIOWY "E78"
-----
wspolrzedne emitora |wysokosc| liczba okresow
x1[m] y1[m] | x2[m] y2[m] | hl[m] | emisji
481.0 495.0 | 691.0 437.0 | 1.5 | 1
-----
dane w okresach emisji:
=====
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] |.00090200|.00007300|.0027120|.00081400
=====
EMITOR NR 79 - LINIOWY "E79"
-----
wspolrzedne emitora |wysokosc| liczba okresow
x1[m] y1[m] | x2[m] y2[m] | hl[m] | emisji
578.0 844.0 | 817.0 1008.0 | 1.5 | 1
-----
dane w okresach emisji:
=====
NUMER OKRESU 1 | sezon 1
-----
numery podokresow emisji
1 2 3 4
-----
emisja zanieczyszczen gazowych
nr zaniecz. | 1 | 2 | 3 | 4 |
emisja [kg/h] |.00020000|.00001600|.00060100|.00018000
=====
SUMA EMISJI W PODOKRESACH [kg/h]
=====
numery numery zanieczyszczen
podokresow | 1 | 2 | 3 | 4 |
1 | 1.2863|.0024360|.089689|.026906
2 | 1.2646|.0024360|.089689|.026906
3 | 1.2631|.0024360|.089689|.026906
4 | 1.2631|.0024360|.089689|.026906
5 | 1.2516|.00077900|.028812|.0086410

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WERSJA 6.04 #####

EKO-KOM tel. 602 48 99 66
fax. 22 842 06 54
Andrzej Bielecki 22 784 42 19
Marcin Jozwiak 22 847 73 00
Jan Szymczyk 22 651 88 26

jan.szymczyk@sadyba.elartnet.pl

Wyniki obliczeń dla
zanieczyszczeń gazowych z tłem

Uzytkownik : Integrum Consulting Walczak Jarosław
Licencja nr : JS/02/08
data obliczeń : 2024-06-12
identyfikator : kadzie2
opis projektu :
Rozprzestrzenianie emisji zanieczyszczeń - biometanowania i zespol
obiektoł hodowlanych - SO2, benzen, MWA, MWAR

Wyniki obliczeń w wezłach siatki prostokątnej

ZANIECZYSZCZENIE NR 1 - dwutlenek siarki									
dopuszczalne		Dl = 350.00 [ug/m3]		Da = 20.000 [ug/m3]					
tło stężenia		R = 3.00 [ug/m3]							
numery wezła	x [m]	y [m]	z [m]	stężenie [ug/m3]	stężenie przetr. [%]	stężenia l-godz. Smax [ug/m3]	S99.726 [ug/m3]		
1	0	0	0	3.104v	.000v	14.79	6.79v		
2	60	0	0	3.111	.000v	17.51	7.37		
3	120	0	0	3.118	.000v	16.47	7.26		
4	180	0	0	3.128	.000v	18.14	7.71		
5	240	0	0	3.139	.000v	18.31	7.77		
6	300	0	0	3.159	.000v	18.68	8.99		
7	360	0	0	3.183	.000v	18.88	10.34		
8	420	0	0	3.198	.000v	20.33	11.54		
9	480	0	0	3.212	.000v	20.41	11.68		
10	540	0	0	3.218	.000v	20.49	11.77		
11	600	0	0	3.220	.000v	20.53	11.81		
12	660	0	0	3.218	.000v	20.50	11.79		
13	720	0	0	3.214	.000v	19.15	10.63		
14	780	0	0	3.205	.000v	19.04	10.43		
15	840	0	0	3.194	.000v	18.89	10.25		
16	900	0	0	3.185	.000v	17.29	10.55		
17	960	0	0	3.177	.000v	17.45	9.82		
18	1020	0	0	3.168	.000v	18.23	9.57		
19	1080	0	0	3.161	.000v	15.44	9.24		
20	1140	0	0	3.153	.000v	17.51	9.05		
21	1200	0	0	3.145	.000v	17.26	8.65		
22	0	70	0	3.112	.000v	15.31	7.50		
23	60	70	0	3.120	.000v	18.15	7.73		
24	120	70	0	3.128	.000v	15.96	7.69		
25	180	70	0	3.138	.000v	18.82	8.95		
26	240	70	0	3.152	.000v	16.57	8.17		
27	300	70	0	3.168	.000v	19.44	9.08		
28	360	70	0	3.194	.000v	19.67	10.68		
29	420	70	0	3.219	.000v	19.82	11.26		
30	480	70	0	3.236	.000v	19.92	11.44		
31	540	70	0	3.246	.000v	21.27	12.73		
32	600	70	0	3.248	.000v	21.30	12.76		
33	660	70	0	3.246	.000v	21.29	12.75		
34	720	70	0	3.239	.000v	21.22	12.66		
35	780	70	0	3.229	.000v	19.69	11.27		
36	840	70	0	3.217	.000v	19.60	11.05		
37	900	70	0	3.205	.000v	19.40	10.81		
38	960	70	0	3.194	.000v	19.21	10.60		
39	1020	70	0	3.185	.000v	17.52	10.56		
40	1080	70	0	3.175	.000v	16.08	9.79		
41	1140	70	0	3.166	.000v	16.89	10.48		
42	1200	70	0	3.155	.000v	15.44	9.21		
43	0	140	0	3.121	.000v	15.86	7.60		
44	60	140	0	3.129	.000v	16.27	7.82		
45	120	140	0	3.139	.000v	16.59	8.25		
46	180	140	0	3.150	.000v	15.52	8.95		
47	240	140	0	3.164	.000v	17.48	9.08		
48	300	140	0	3.186	.000v	17.88	9.46		
49	360	140	0	3.215	.000v	18.22	10.90		
50	420	140	0	3.247	.000v	20.47	12.34		
51	480	140	0	3.267	.000v	20.60	12.46		
52	540	140	0	3.278	.000v	20.70	12.50		
53	600	140	0	3.282	.000v	22.00	12.80		
54	660	140	0	3.279	.000v	21.11	12.81		
55	720	140	0	3.269	.000v	20.65	12.38		
56	780	140	0	3.256	.000v	20.55	12.14		
57	840	140	0	3.241	.000v	20.37	11.74		
58	900	140	0	3.227	.000v	20.18	11.49		
59	960	140	0	3.215	.000v	19.93	11.12		
60	1020	140	0	3.203	.000v	18.22	11.27		
61	1080	140	0	3.191	.000v	16.73	9.95		
62	1140	140	0	3.179	.000v	16.82	10.38		
63	1200	140	0	3.166	.000v	16.03	9.69		
64	0	210	0	3.130	.000v	16.38	8.01		
65	60	210	0	3.141	.000v	16.89	8.55		
66	120	210	0	3.151	.000v	17.28	9.00		
67	180	210	0	3.164	.000v	18.02	9.46		
68	240	210	0	3.181	.000v	18.52	9.86		
69	300	210	0	3.203	.000v	18.95	10.34		
70	360	210	0	3.237	.000v	21.03	11.43		
71	420	210	0	3.271	.000v	21.27	12.76		
72	480	210	0	3.299	.000v	21.45	13.24		
73	540	210	0	3.318	.000v	22.58	13.43		
74	600	210	0	3.324	.000v	22.62	13.51		
75	660	210	0	3.320	.000v	22.61	13.49		
76	720	210	0	3.309	.000v	21.45	13.21		
77	780	210	0	3.288	.000v	20.39	11.65		
78	840	210	0	3.269	.000v	21.05	12.31		
79	900	210	0	3.253	.000v	20.86	12.11		
80	960	210	0	3.238	.000v	20.48	11.71		
81	1020	210	0	3.224	.000v	18.90	11.65		
82	1080	210	0	3.208	.000v	17.57	10.59		
83	1140	210	0	3.192	.000v	17.01	10.25		
84	1200	210	0	3.177	.000v	16.55	9.77		
85	0	280	0	3.141	.000v	17.16	8.76		
86	60	280	0	3.153	.000v	16.72	8.97		
87	120	280	0	3.167	.000v	18.35	9.77		
88	180	280	0	3.183	.000v	18.97	10.41		
89	240	280	0	3.204	.000v	19.57	11.05		
90	300	280	0	3.228	.000v	20.03	11.59		
91	360	280	0	3.258	.000v	20.47	12.21		
92	420	280	0	3.301	.000v	22.48	13.32		
93	480	280	0	3.349	.000v	22.54	13.85		
94	540	280	0	3.371	.000v	23.47	14.32		
95	600	280	0	3.379	.000v	23.50	14.42		
96	660	280	0	3.373	.000v	22.70	14.11		
97	720	280	0	3.353	.000v	22.58	13.87		
98	780	280	0	3.331	.000v	22.32	13.48		
99	840	280	0	3.306	.000v	21.17	12.74		
100	900	280	0	3.284	.000v	20.02	12.17		
101	960	280	0	3.265	.000v	19.58	12.31		
102	1020	280	0	3.245	.000v	19.07	12.13		
103	1080	280	0	3.225	.000v	17.42	10.77		
104	1140	280	0	3.206	.000v	17.90	11.11		
105	1200	280	0	3.184	.000v	17.07	10.16		
106	0	350	0	3.154	.000v	17.80	9.38		
107	60	350	0	3.167	.000v	16.84	9.51		
108	120	350	0	3.184	.000v	18.19	10.42		
109	180	350	0	3.206	.000v	19.66	11.40		
110	240	350	0	3.270	.000v	20.39	11.97		
111	300	350	0	3.285	.000v	19.77	12.24		
112	360	350	0	3.314	.000v	21.69	13.35		
113	420	350	0	3.374	.000v	23.71	14.61		
114	480	350	0	3.405	.000v	23.51	15.77		
115	540	350	0	3.438	.000v	23.57	15.95		
116	600	350	0	3.450	.000v	24.39	16.16		
117	660	350	0	3.441	.000v	23.54	15.99		
118	720	350	0	3.416	.000v	23.49	15.82		
119	780	350	0	3.378	.000v	21.60	14.42		
120	840	350	0	3.349	.000v	22.15	14.51		
121	900	350	0	3.322	.000v	21.00	13.61		

122	960	350	0	3.295	.000v	18.67	12.20
123	1020	350	0	3.269	.000v	18.14	11.42
124	1080	350	0	3.241	.000v	17.55	10.74
125	1140	350	0	3.216	.000v	18.57	11.31
126	1200	350	0	3.193	.000v	16.25	9.78
127	0	420	0	3.167	.000v	16.89	9.72
128	60	420	0	3.184	.000v	17.66	10.34
129	120	420	0	3.207	.000v	18.45	11.20
130	180	420	0	3.243	.000v	18.81	11.96
131	240	420	0	3.261	.000v	19.38	12.96
132	300	420	0	3.289	.000v	19.81	13.87
133	360	420	0	3.332	.000v	20.12	14.40
134	420	420	0	3.395	.000v	22.28	15.43
135	480	420	0	3.493	.000v	24.15	17.50
136	540	420	0	3.527	.000v	25.17	18.29
137	600	420	0	3.552	.000v	25.12	18.37
138	660	420	0	3.546	.000v	24.44	17.95
139	720	420	0	3.493	.000v	24.01	17.44
140	780	420	0	3.440	.000v	22.24	16.65
141	840	420	0	3.401	.000v	22.10	15.82
142	900	420	0	3.365	.000v	20.76	14.64
143	960	420	0	3.326	.000v	19.35	13.42
144	1020	420	0	3.289	.000v	19.02	12.75
145	1080	420	0	3.254	.000v	18.21	11.70

280	300	910	0	3.778	.000v	20.86	16.83	436	900	1400	0	3.523	.000v	20.00	15.56			
281	360	910	0	3.919	.000v	21.50	17.75	437	960	1400	0	3.474	.000v	19.68	14.65			
282	420	910	0	4.089	.000v	23.41	19.60	438	1020	1400	0	3.426	.000v	20.88	13.80			
283	480	910	0	4.286	.000v	24.13	21.54	439	1080	1400	0	3.381	.000v	18.40	13.68			
284	540	910	0	4.248	.000v	23.16	19.99	440	1140	1400	0	3.340	.000v	17.93	13.26			
285	600	910	0	3.684	.000v	11.19v	8.83	441	1200	1400	0	3.304	.000v	17.96	12.78			
286	660	910	0	4.059	.000v	21.68	17.70	wartosci srednie							3.583	.000	20.63	15.31
287	720	910	0	4.270	.000v	24.57	22.08											
288	780	910	0	4.150	.000v	23.71	21.12											
289	840	910	0	3.955	.000v	21.67	19.51											
290	900	910	0	3.784	.000v	20.99	17.54											
291	960	910	0	3.658	.000v	19.23	16.16											
292	1020	910	0	3.554	.000v	18.95	15.57											
293	1080	910	0	3.474	.000v	17.79	14.91											
294	1140	910	0	3.410	.000v	16.56	13.64											
295	1200	910	0	3.359	.000v	16.84	12.81											
296	0	980	0	3.293	.000v	16.76	12.39											
297	60	980	0	3.344	.000v	16.52	12.80											
298	120	980	0	3.402	.000v	17.43	13.67											
299	180	980	0	3.490	.000v	18.27	13.63											
300	240	980	0	3.529	.000v	19.01	14.89											
301	300	980	0	3.877	.000v	20.98	16.83											
302	360	980	0	4.031	.000v	21.69	18.12											
303	420	980	0	4.276	.000v	23.27	19.50											
304	480	980	0	4.672	.000v	24.56	21.98											
305	540	980	0	4.753	.000v	22.03	18.93											
306	600	980	0	3.970	.000v	13.25	11.44											
307	660	980	0	4.212	.000v	19.19	14.55											
308	720	980	0	4.514	.000v	24.91	22.92											
309	780	980	0	4.272	.000v	24.00	22.17											
310	840	980	0	4.017	.000v	21.75	19.73											
311	900	980	0	3.826	.000v	20.99	17.53											
312	960	980	0	3.683	.000v	19.42	16.98											
313	1020	980	0	3.573	.000v	18.94	15.42											
314	1080	980	0	3.486	.000v	17.71	14.84											
315	1140	980	0	3.420	.000v	16.59	13.62											
316	1200	980	0	3.365	.000v	16.90	12.86											
317	0	1050	0	3.320	.000v	16.71	12.15											
318	60	1050	0	3.378	.000v	17.27	13.26											
319	120	1050	0	3.451	.000v	17.29	13.81											
320	180	1050	0	3.553	.000v	18.79	14.69											
321	240	1050	0	3.703	.000v	19.45	15.91											
322	300	1050	0	3.987	.000v	21.31	17.91											
323	360	1050	0	4.426	.000v	22.36	19.49											
324	420	1050	0	5.105	.000v	45.38^	23.07											
325	480	1050	0	5.661	.000v	26.05	23.67											
326	540	1050	0	5.852	.000v	28.73	25.90											
327	600	1050	0	5.280	.000v	32.10	30.62^											
328	660	1050	0	4.975	.000v	29.98	27.13											
329	720	1050	0	4.608	.000v	25.88	24.04											
330	780	1050	0	4.271	.000v	23.80	21.63											
331	840	1050	0	4.020	.000v	22.26	20.03											
332	900	1050	0	3.831	.000v	21.27	18.62											
333	960	1050	0	3.686	.000v	19.14	16.52											
334	1020	1050	0	3.577	.000v	18.27	15.35											
335	1080	1050	0	3.493	.000v	18.11	15.37											
336	1140	1050	0	3.424	.000v	17.25	13.94											
337	1200	1050	0	3.369	.000v	16.77	12.76											
338	0	1120	0	3.358	.000v	16.58	12.33											
339	60	1120	0	3.428	.000v	17.25	13.58											
340	120	1120	0	3.512	.000v	17.82	15.20											
341	180	1120	0	3.618	.000v	18.40	15.61											
342	240	1120	0	3.775	.000v	19.71	17.37											
343	300	1120	0	4.032	.000v	20.90	18.70											
344	360	1120	0	4.120	.000v	24.27	21.03											
345	420	1120	0	5.646	.000v	27.53	23.25											
346	480	1120	0	5.702	.000v	27.07	25.39											
347	540	1120	0	5.537	.000v	30.79	28.74											
348	600	1120	0	5.087	.000v	33.75	30.61											
349	660	1120	0	4.889	.000v	31.89	28.94											
350	720	1120	0	4.500	.000v	27.77	24.95											
351	780	1120	0	4.192	.000v	24.78	22.81											
352	840	1120	0	3.954	.000v	22.84	19.64											
353	900	1120	0	3.788	.000v	21.45	19.16											
354	960	1120	0	3.663	.000v	18.93	16.55											
355	1020	1120	0	3.563	.000v	18.94	15.92											
356	1080	1120	0	3.486	.000v	16.96	14.41											
357	1140	1120	0	3.421	.000v	17.12	13.81											
358	1200	1120	0	3.370	.000v	17.31	13.88											
359	0	1190	0	3.397	.000v	16.37	14.08											
360	60	1190	0	3.458	.000v	17.07	14.49											
361	120	1190	0	3.533	.000v	18.46	15.15											
362	180	1190	0	3.629	.000v	18.66	16.04											
363	240	1190	0	3.768	.000v	20.16	17.12											
364	300	1190	0	3.999	.000v	20.44	17.99											
365	360	1190	0	4.395	.000v	23.14	20.87											
366	420	1190	0	4.776	.000v	23.80	22.08											
367	480	1190	0	4.943	.000v	27.23	24.37											
368	540	1190	0	4.960	.000v	29.97	27.35											
369	600	1190	0	4.653	.000v	31.08	28.11											
370	660	1190	0	4.515	.000v	30.66	27.43											
371	720	1190	0	4.253	.000v	27.27	23.72											
372	780	1190	0	4.048	.000v	25.94	22.76											
373	840	1190	0	3.877	.000v	21.91	20.13											
374	900	1190	0	3.731	.000v	21.01	19.22											
375	960	1190	0	3.620	.000v	19.38	16.29											
376	1020	1190	0	3.533	.000v	18.18	15.19											
377	1080	1190	0	3.463	.000v	17.24	14.15											
378	1140	1190	0	3.407	.000v	17.69	14.27											
379	1200	1190	0	3.360	.000v	17.06	13.59											
380	0	1260	0	3.401	.000v	14.17	13.26											
381	60	1260	0	3.453	.000v	18.16	14.95											
382	120	1260	0	3.522	.000v	18.23	14.91											
383	180	1260	0	3.623	.000v	18.66	15.45											
384	240	1260	0	3.773	.000v	19.64	16.69											
385	300	1260	0	4.005	.000v	20.12	17.44											
386	360	1260	0	4.263	.000v	22.71	20.44											
387	420	1260	0	4.458	.000v	23.41	21.55											
388	480	1260	0	4.525	.000v	26.77	23.78											
389	540	1260	0	4.418	.000v	28.39	24.78											
390	600	1260	0	4.228	.000v	28.42	24.45											
391	660	1260	0	4.033	.000v	26.88	23.22											
392	720	1260	0	3.887	.000v	24.62	21.68											
393	780	1260	0	3.775	.000v	22.46	19.52											
394	840	1260	0	3.668	.000v	20.79	17.39											
395	900	1260	0	3.574	.000v	20.24	16.99											
396	960	1260	0	3.490	.000v	18.27	15.27											
397	1020	1260	0	3.434	.000v	18.50	14.25											
398	1080	1260	0	3.385	.000v	17.36	13.93											
399	1140	1260	0	3.342	.000v	18.24	13.58											
400	1200	1260	0	3.389	.000v	14.17	13.05											
401	0	1330	0	3.446	.000v	14.61	14.47											
402	120	1330	0	3.515	.000v	19.33	15.74											
403	180	1330	0	3.626	.000v	18.88	15.44											
404	240	1330	0	3.795	.000v	20.67	17.36											

141	840	420	0	.7014	.000v	.091	.075	298	180	980	0	.7049	.000v	.205	.124
142	900	420	0	.7012	.000v	.083	.068	299	240	980	0	.7078	.000v	.248	.164
143	960	420	0	.7010	.000v	.078	.055	300	300	980	0	.7184	.000v	.376	.296
144	1020	420	0	.7008	.000v	.073	.050	301	360	980	0	.7158	.000v	.397	.170
145	1080	420	0	.7007	.000v	.069	.045	302	420	980	0	.7154	.000v	.211	.201
146	1140	420	0	.7006	.000v	.065	.040	303	480	980	0	.7168	.000v	.245	.236
147	1200	420	0	.7006	.000v	.062	.037	304	540	980	0	.7181	.000v	.298	.269
148	0	490	0	.7011	.000v	.087	.054	305	600	980	0	.7165	.000v	.393	.285
149	60	490	0	.7015	.000v	.099	.064	306	660	980	0	.7122	.000v	.311	.200
150	120	490	0	.7028	.000v	.134	.084	307	720	980	0	.7057	.000v	.276	.168
151	180	490	0	.7066	.000v	.177	.122	308	780	980	0	.7039	.000v	.205	.124
152	240	490	0	.7035	.000v	.129	.085	309	840	980	0	.7026	.000v	.172	.101
153	300	490	0	.7034	.000v	.122	.091	310	900	980	0	.7020	.000v	.144	.082
154	360	490	0	.7037	.000v	.127	.105	311	960	980	0	.7016	.000v	.124	.071
155	420	490	0	.7049	.000v	.128	.103	312	1020	980	0	.7013	.000v	.111	.062
156	480	490	0	.7097	.000v	.249	.217	313	1080	980	0	.7011	.000v	.101	.055
157	540	490	0	.7125	.000v	.172	.147	314	1140	980	0	.7009	.000v	.090	.049
158	600	490	0	.7083	.000v	.163	.141	315	1200	980	0	.7008	.000v	.084	.046
159	660	490	0	.7068	.000v	.159	.149	316	0	1050	0	.7021	.000v	.137	.077
160	720	490	0	.7041	.000v	.155	.129	317	60	1050	0	.7027	.000v	.158	.087
161	780	490	0	.7022	.000v	.105	.094	318	120	1050	0	.7036	.000v	.185	.109
162	840	490	0	.7016	.000v	.092	.075	319	180	1050	0	.7051	.000v	.228	.140
163	900	490	0	.7013	.000v	.087	.066	320	240	1050	0	.7081	.000v	.294	.191
164	960	490	0	.7015	.000v	.078	.058	321	300	1050	0	.7192	.000v	.423	.309
165	1020	490	0	.7009	.000v	.075	.050	322	360	1050	0	.7353	.000v	.412	.343
166	1080	490	0	.7008	.000v	.071	.045	323	420	1050	0	.7425	.000v	.656*	.484*
167	1140	490	0	.7007	.000v	.068	.042	324	480	1050	0	.7645^	.000v	.561	.367
168	1200	490	0	.7006	.000v	.065	.040	325	540	1050	0	.7395	.000v	.433	.365
169	0	560	0	.7013	.000v	.081	.054	326	600	1050	0	.7199	.000v	.319	.251
170	60	560	0	.7018	.000v	.097	.062	327	660	1050	0	.7099	.000v	.257	.184
171	120	560	0	.7029	.000v	.110	.072	328	720	1050	0	.7055	.000v	.211	.141
172	180	560	0	.7094	.000v	.210	.138	329	780	1050	0	.7037	.000v	.181	.117
173	240	560	0	.7004	.000v	.164	.109	330	840	1050	0	.7026	.000v	.166	.097
174	300	560	0	.7039	.000v	.133	.111	331	900	1050	0	.7020	.000v	.138	.083
175	360	560	0	.7042	.000v	.143	.123	332	960	1050	0	.7016	.000v	.122	.072
176	420	560	0	.7053	.000v	.147	.124	333	1020	1050	0	.7013	.000v	.110	.062
177	480	560	0	.7107	.000v	.147	.133	334	1080	1050	0	.7011	.000v	.101	.097
178	540	560	0	.7144	.000v	.178	.158	335	1140	1050	0	.7009	.000v	.089	.050
179	600	560	0	.7098	.000v	.153	.146	336	1200	1050	0	.7008	.000v	.082	.048
180	660	560	0	.7080	.000v	.153	.139	337	0	1120	0	.7022	.000v	.137	.075
181	720	560	0	.7052	.000v	.178	.132	338	60	1120	0	.7028	.000v	.159	.088
182	780	560	0	.7026	.000v	.110	.079	339	120	1120	0	.7038	.000v	.187	.109
183	840	560	0	.7019	.000v	.099	.073	340	180	1120	0	.7054	.000v	.220	.141
184	900	560	0	.7014	.000v	.090	.065	341	240	1120	0	.7084	.000v	.275	.190
185	960	560	0	.7004	.000v	.084	.057	342	300	1120	0	.7059	.000v	.217	.177
186	1020	560	0	.7010	.000v	.079	.052	343	360	1120	0	.7487	.000v	.553	.441
187	1080	560	0	.7008	.000v	.075	.048	344	420	1120	0	.7614	.000v	.399	.380
188	1140	560	0	.7007	.000v	.072	.045	345	480	1120	0	.7537	.000v	.494	.435
189	1200	560	0	.7006	.000v	.068	.043	346	540	1120	0	.7292	.000v	.494	.404
190	0	630	0	.7014	.000v	.090	.058	347	600	1120	0	.7125	.000v	.295	.227
191	60	630	0	.7019	.000v	.096	.062	348	660	1120	0	.7138	.000v	.226	.197
192	120	630	0	.7028	.000v	.109	.073	349	720	1120	0	.7063	.000v	.236	.155
193	180	630	0	.7011	.000v	.086	.054	350	780	1120	0	.7049	.000v	.186	.119
194	240	630	0	.7085	.000v	.193	.153	351	840	1120	0	.7025	.000v	.156	.099
195	300	630	0	.7053	.000v	.150	.128	352	900	1120	0	.7019	.000v	.136	.083
196	360	630	0	.7053	.000v	.164	.144	353	960	1120	0	.7015	.000v	.120	.072
197	420	630	0	.7064	.000v	.173	.152	354	1020	1120	0	.7013	.000v	.106	.062
198	480	630	0	.7091	.000v	.174	.153	355	1080	1120	0	.7011	.000v	.097	.057
199	540	630	0	.7153	.000v	.185	.173	356	1140	1120	0	.7009	.000v	.089	.052
200	600	630	0	.7092	.000v	.140	.123	357	1200	1120	0	.7008	.000v	.081	.050
201	660	630	0	.7065	.000v	.134	.103	358	0	1190	0	.7023	.000v	.133	.111
202	720	630	0	.7043	.000v	.130	.094	359	60	1190	0	.7030	.000v	.152	.098
203	780	630	0	.7028	.000v	.121	.091	360	120	1190	0	.7040	.000v	.175	.117
204	840	630	0	.7020	.000v	.101	.077	361	180	1190	0	.7054	.000v	.203	.148
205	900	630	0	.7016	.000v	.095	.063	362	240	1190	0	.7079	.000v	.237	.185
206	960	630	0	.7013	.000v	.091	.058	363	300	1190	0	.7124	.000v	.284	.238
207	1020	630	0	.7011	.000v	.086	.054	364	360	1190	0	.7206	.000v	.299	.297
208	1080	630	0	.7009	.000v	.081	.049	365	420	1190	0	.7214	.000v	.274	.271
209	1140	630	0	.7012	.000v	.066	.040	366	480	1190	0	.7168	.000v	.262	.255
210	1200	630	0	.7007	.000v	.071	.043	367	540	1190	0	.7112	.000v	.234	.219
211	0	700	0	.7016	.000v	.097	.065	368	600	1190	0	.7078	.000v	.208	.187
212	60	700	0	.7020	.000v	.103	.071	369	660	1190	0	.7060	.000v	.190	.140
213	120	700	0	.7027	.000v	.111	.086	370	720	1190	0	.7044	.000v	.166	.132
214	180	700	0	.7037	.000v	.128	.110	371	780	1190	0	.7030	.000v	.156	.119
215	240	700	0	.7063	.000v	.170	.145	372	840	1190	0	.7022	.000v	.146	.091
216	300	700	0	.7081	.000v	.174	.159	373	900	1190	0	.7018	.000v	.130	.079
217	360	700	0	.7080	.000v	.204	.186	374	960	1190	0	.7014	.000v	.117	.069
218	420	700	0	.7102	.000v	.231	.216	375	1020	1190	0	.7012	.000v	.103	.063
219	480	700	0	.7130	.000v	.244	.228	376	1080	1190	0	.7010	.000v	.094	.058
220	540	700	0	.7132	.000v	.261	.197	377	1140	1190	0	.7009	.000v	.086	.055
221	600	700	0	.7082	.000v	.177	.139	378	1200	1190	0	.7008	.000v	.080	.050
222	660	700	0	.7081	.000v	.175	.144	379	0	1260	0	.7024	.000v	.125	.084
223	720	700	0	.7064	.000v	.227	.138	380	60	1260	0	.7030	.000v	.142	.098
224	780	700	0	.7030	.000v	.124	.099	381	120	1260	0	.7039	.000v	.159	.112
225	840	700	0	.7021	.000v	.115	.078	382	180	1260	0	.7050	.000v	.178	.128
226	900	700	0	.7017	.000v	.108	.069	383	240	1260	0	.7067	.000v	.195	.160
227	960	700	0	.7013	.000v	.101	.062	384	300	1260	0	.7090	.000v	.210	.202
228	1020	700	0	.7011	.000v	.094	.056	385	360	1260	0	.7107	.000v	.214	.213
229	1080	700	0	.7009	.000v	.087	.050	386	420	1260	0	.7104	.000v	.216	.208
230	1140	700	0	.7008	.000v	.081	.046	387	480	1260	0	.7086	.000v	.202	.197
231	1200	700	0	.7007	.000v	.076	.043	388	540	1260	0	.7067	.000v	.193	.174
232	0	770	0	.7017	.000v	.103	.067	389	600	1260	0	.7052	.000v	.174	.147
233	60	770	0	.7											

3	120	0	0	100.0	.000v	2.9	1.6	160	720	490	0	100.2	.000v	5.7	4.8
4	180	0	0	100.0	.000v	3.0	1.8	161	780	490	0	100.1	.000v	3.9	3.5
5	240	0	0	100.0	.000v	3.0	2.0	162	840	490	0	100.1	.000v	3.4	2.8
6	300	0	0	100.0	.000v	3.1	2.1	163	900	490	0	100.0	.000v	3.2	2.4
7	360	0	0	100.0	.000v	3.2	2.2	164	960	490	0	100.0	.000v	2.9	2.2
8	420	0	0	100.0	.000v	3.4	2.3	165	1020	490	0	100.0	.000v	2.8	1.9
9	480	0	0	100.0	.000v	3.5	2.2	166	1080	490	0	100.0	.000v	2.6	1.7
10	540	0	0	100.0	.000v	3.4	2.2	167	1140	490	0	100.0	.000v	2.5	1.5
11	600	0	0	100.0	.000v	3.4	2.2	168	1200	490	0	100.0	.000v	2.4	1.5
12	660	0	0	100.0	.000v	3.4	2.2	169	0	560	0	100.0	.000v	3.2	2.0
13	720	0	0	100.0	.000v	3.3	2.0	170	60	560	0	100.1	.000v	3.6	2.3
14	780	0	0	100.0	.000v	3.2	1.9	171	120	560	0	100.1	.000v	4.1	2.7
15	840	0	0	100.0	.000v	3.1	1.8	172	180	560	0	100.3	.000v	7.7	5.0
16	900	0	0	100.0	.000v	2.9	1.8	173	240	560	0	100.2	.000v	6.1	4.0
17	960	0	0	100.0	.000v	2.7	1.6	174	300	560	0	100.1	.000v	4.9	4.1
18	1020	0	0	100.0	.000v	2.6	1.6	175	360	560	0	100.2	.000v	5.3	4.6
19	1080	0	0	100.0	.000v	2.4	1.4	176	420	560	0	100.2	.000v	4.5	4.6
20	1140	0	0	100.0	.000v	2.3	1.4	177	480	560	0	100.4	.000v	5.5	4.9
21	1200	0	0	100.0v	.000v	2.1	1.3v	178	540	560	0	100.5	.000v	6.6	5.9
22	0	70	0	100.0	.000v	3.0	1.3	179	600	560	0	100.4	.000v	5.7	5.4
23	60	70	0	100.0	.000v	3.0	1.5	180	660	560	0	100.3	.000v	5.7	5.1
24	120	70	0	100.0	.000v	3.1	1.8	181	720	560	0	100.2	.000v	6.6	4.9
25	180	70	0	100.0	.000v	3.1	1.9	182	780	560	0	100.1	.000v	4.1	2.9
26	240	70	0	100.0	.000v	3.2	2.1	183	840	560	0	100.1	.000v	3.7	2.7
27	300	70	0	100.0	.000v	3.3	2.3	184	900	560	0	100.1	.000v	3.3	2.4
28	360	70	0	100.0	.000v	3.3	2.5	185	960	560	0	100.0	.000v	3.1	2.1
29	420	70	0	100.0	.000v	3.6	2.5	186	1020	560	0	100.0	.000v	2.9	1.9
30	480	70	0	100.0	.000v	3.7	2.5	187	1080	560	0	100.0	.000v	2.8	1.8
31	540	70	0	100.0	.000v	3.7	2.5	188	1140	560	0	100.0	.000v	2.7	1.7
32	600	70	0	100.0	.000v	3.6	2.4	189	1200	560	0	100.0	.000v	2.5	1.6
33	660	70	0	100.0	.000v	3.6	2.4	190	0	630	0	100.1	.000v	3.3	2.1
34	720	70	0	100.0	.000v	3.5	2.3	191	60	630	0	100.1	.000v	3.6	2.3
35	780	70	0	100.0	.000v	3.4	2.1	192	120	630	0	100.1	.000v	4.0	2.7
36	840	70	0	100.0	.000v	3.2	2.0	193	180	630	0	100.2	.000v	4.8	3.2
37	900	70	0	100.0	.000v	3.1	1.9	194	240	630	0	100.3	.000v	7.1	5.7
38	960	70	0	100.0	.000v	2.8	1.8	195	300	630	0	100.2	.000v	5.5	4.7
39	1020	70	0	100.0	.000v	2.6	1.6	196	360	630	0	100.2	.000v	6.1	5.1
40	1080	70	0	100.0	.000v	2.4	1.5	197	420	630	0	100.2	.000v	6.4	5.8
41	1140	70	0	100.0	.000v	2.2	1.4	198	480	630	0	100.3	.000v	6.5	5.7
42	1200	70	0	100.0	.000v	2.1v	1.3	199	540	630	0	100.6	.000v	6.9	6.4
43	0	140	0	100.0	.000v	3.2	1.4	200	600	630	0	100.3	.000v	5.2	4.6
44	60	140	0	100.0	.000v	3.3	1.6	201	660	630	0	100.2	.000v	5.0	3.8
45	120	140	0	100.0	.000v	3.2	1.8	202	720	630	0	100.2	.000v	4.8	3.5
46	180	140	0	100.0	.000v	3.4	2.1	203	780	630	0	100.1	.000v	4.5	3.4
47	240	140	0	100.0	.000v	3.5	2.3	204	840	630	0	100.1	.000v	4.3	3.2
48	300	140	0	100.0	.000v	3.5	2.5	205	900	630	0	100.1	.000v	3.5	2.3
49	360	140	0	100.0	.000v	3.6	2.8	206	960	630	0	100.0	.000v	3.4	2.1
50	420	140	0	100.0	.000v	3.9	2.8	207	1020	630	0	100.0	.000v	3.2	2.0
51	480	140	0	100.0	.000v	4.0	2.7	208	1080	630	0	100.0	.000v	3.0	1.8
52	540	140	0	100.0	.000v	4.0	2.6	209	1140	630	0	100.0	.000v	2.8	1.7
53	600	140	0	100.0	.000v	4.0	2.6	210	1200	630	0	100.0	.000v	2.6	1.6
54	660	140	0	100.0	.000v	3.9	2.5	211	0	700	0	100.1	.000v	3.6	2.4
55	720	140	0	100.0	.000v	3.8	2.4	212	60	700	0	100.1	.000v	3.8	2.6
56	780	140	0	100.0	.000v	3.7	2.2	213	120	700	0	100.1	.000v	4.1	3.2
57	840	140	0	100.0	.000v	3.5	2.2	214	180	700	0	100.1	.000v	4.7	4.1
58	900	140	0	100.0	.000v	3.1	2.0	215	240	700	0	100.2	.000v	6.3	5.4
59	960	140	0	100.0	.000v	2.8	1.8	216	300	700	0	100.3	.000v	6.5	5.9
60	1020	140	0	100.0	.000v	2.6	1.7	217	360	700	0	100.3	.000v	7.5	6.9
61	1080	140	0	100.0	.000v	2.4	1.5	218	420	700	0	100.4	.000v	8.6	8.0
62	1140	140	0	100.0	.000v	2.2	1.4	219	480	700	0	100.5	.000v	9.0	8.5
63	1200	140	0	100.0	.000v	2.1	1.3	220	540	700	0	100.5	.000v	9.7	9.3
64	0	210	0	100.0	.000v	3.5	1.5	221	600	700	0	100.3	.000v	6.6	5.1
65	60	210	0	100.0	.000v	3.7	1.6	222	660	700	0	100.3	.000v	6.5	5.3
66	120	210	0	100.0	.000v	3.5	1.9	223	720	700	0	100.2	.000v	8.4	5.1
67	180	210	0	100.0	.000v	3.5	2.2	224	780	700	0	100.1	.000v	4.6	3.6
68	240	210	0	100.0	.000v	3.8	2.5	225	840	700	0	100.1	.000v	4.3	2.9
69	300	210	0	100.1	.000v	3.8	2.7	226	900	700	0	100.1	.000v	4.0	2.6
70	360	210	0	100.1	.000v	3.8	3.2	227	960	700	0	100.0	.000v	3.7	2.3
71	420	210	0	100.1	.000v	4.2	3.4	228	1020	700	0	100.0	.000v	3.5	2.1
72	480	210	0	100.1	.000v	4.4	3.1	229	1080	700	0	100.0	.000v	3.2	1.8
73	540	210	0	100.1	.000v	4.3	3.1	230	1140	700	0	100.0	.000v	3.0	1.7
74	600	210	0	100.1	.000v	4.2	2.8	231	1200	700	0	100.0	.000v	2.8	1.6
75	660	210	0	100.0	.000v	4.2	2.7	232	0	770	0	100.1	.000v	3.8	2.5
76	720	210	0	100.0	.000v	4.1	2.7	233	60	770	0	100.1	.000v	4.1	2.7
77	780	210	0	100.0	.000v	3.8	2.5	234	120	770	0	100.1	.000v	4.5	3.2
78	840	210	0	100.0	.000v	3.4	2.3	235	180	770	0	100.1	.000v	4.9	4.1
79	900	210	0	100.0	.000v	3.2	2.0	236	240	770	0	100.2	.000v	6.9	5.7
80	960	210	0	100.0	.000v	2.8	1.9	237	300	770	0	100.6	.000v	9.8	6.9
81	1020	210	0	100.0	.000v	2.5	1.7	238	360	770	0	100.8	.000v	7.2	6.9
82	1080	210	0	100.0	.000v	2.4	1.6	239	420	770	0	100.9	.000v	8.5	7.7
83	1140	210	0	100.0	.000v	2.2	1.4	240	480	770	0	100.7	.000v	10.0	7.8
84	1200	210	0	100.0	.000v	2.1	1.3	241	540	770	0	100.6	.000v	5.3	4.8
85	0	280	0	100.0	.000v	3.6	1.6	242	600	770	0	100.4	.000v	6.2	4.8
86	60	280	0	100.0	.000v	4.1	1.8	243	660	770	0	100.2	.000v	5.3	3.9
87	120	280	0	100.0	.000v	4.1	2.2	244	720	770	0	100.2	.000v	5.4	3.4
88	180	280	0	100.0	.000v	4.6	2.3	245	780	770	0	100.1	.000v	5.3	3.1
89	240	280	0	100.1	.000v	4.3	2.8	246	840	770	0	100.1	.000v	4.9	2.8
90	300	280	0	100.1	.000v	4.2	3.2	247	900	770	0	100.1	.000v	4.5	2.5
91	360	280	0	100.1	.000v	4.2	3.4	248	960	770	0	100.1	.000v	4.1	2.3
92	420	280	0	100.0	.000v	4.6	4.2	249	1020	770	0	100.0	.000v	3.8	2.1
93	480	280	0	100.1	.000v	5.0	3.7	250	1080	770	0	100.0	.000v	3.5	1.8
94	540	280	0	100.1	.000v	4.8	3.6	251	1140	770	0	100.0	.000v	3.2	1.7
95	600	280	0	100.1	.000v	4.7	3.3	252	12						

317	60	1050	0	100.1	.000v	5.8	3.2	22	0	70	0	4.305	.000v	.9	.4
318	120	1050	0	100.1	.000v	6.8	4.0	23	60	70	0	4.306	.000v	.9	.5
319	180	1050	0	100.2	.000v	8.4	5.2	24	120	70	0	4.307	.000v	.9	.5
320	240	1050	0	100.3	.000v	10.9	6.5	25	180	70	0	4.308	.000v	.9	.6
321	300	1050	0	100.7	.000v	15.6	11.4	26	240	70	0	4.309	.000v	1.0	.6
322	360	1050	0	101.3	.000v	15.3	12.7	27	300	70	0	4.310	.000v	1.0	.7
323	420	1050	0	101.6	.000v	24.3^	17.9^	28	360	70	0	4.310	.000v	1.0	.8
324	480	1050	0	102.4^	.000v	13.6	10.6	29	420	70	0	4.311	.000v	1.1	.8
325	540	1050	0	101.5	.000v	16.1	13.6	30	480	70	0	4.311	.000v	1.1	.7
326	600	1050	0	100.7	.000v	11.8	9.3	31	540	70	0	4.311	.000v	1.1	.7
327	660	1050	0	100.4	.000v	9.5	6.8	32	600	70	0	4.310	.000v	1.1	.7
328	720	1050	0	100.2	.000v	18.3	15.1	33	660	70	0	4.310	.000v	1.1	.7
329	780	1050	0	100.1	.000v	6.7	4.3	34	720	70	0	4.309	.000v	1.1	.7
330	840	1050	0	100.1	.000v	5.8	3.5	35	780	70	0	4.308	.000v	1.0	.6
331	900	1050	0	100.1	.000v	5.1	3.1	36	840	70	0	4.308	.000v	1.0	.6
332	960	1050	0	100.1	.000v	4.5	2.7	37	900	70	0	4.307	.000v	.9	.6
333	1020	1050	0	100.0	.000v	4.1	2.3	38	960	70	0	4.306	.000v	.8	.5
334	1080	1050	0	100.0	.000v	3.6	2.0	39	1020	70	0	4.306	.000v	.8	.5
335	1140	1050	0	100.0	.000v	3.3	1.8	40	1080	70	0	4.305	.000v	.7	.4
336	1200	1050	0	100.0	.000v	3.0	1.8	41	1140	70	0	4.305	.000v	.7	.4
337	0	1120	0	100.1	.000v	5.1	2.8	42	1200	70	0	4.305	.000v	.6^	.4
338	60	1120	0	100.1	.000v	5.9	3.2	43	0	140	0	4.306	.000v	1.0	.4
339	120	1120	0	100.1	.000v	6.9	4.1	44	60	140	0	4.307	.000v	1.0	.5
340	180	1120	0	100.2	.000v	8.2	5.2	45	120	140	0	4.308	.000v	1.0	.5
341	240	1120	0	100.3	.000v	10.2	7.0	46	180	140	0	4.309	.000v	1.0	.6
342	300	1120	0	100.6	.000v	12.6	10.3	47	240	140	0	4.311	.000v	1.1	.7
343	360	1120	0	101.8	.000v	20.5	16.4	48	300	140	0	4.312	.000v	1.0	.8
344	420	1120	0	102.3	.000v	14.8	14.1	49	360	140	0	4.313	.000v	1.1	.8
345	480	1120	0	102.0	.000v	18.3	15.1	50	420	140	0	4.313	.000v	1.1	.8
346	540	1120	0	101.1	.000v	17.9	15.0	51	480	140	0	4.313	.000v	1.2	.8
347	600	1120	0	100.5	.000v	10.9	8.4	52	540	140	0	4.313	.000v	1.2	.8
348	660	1120	0	100.5	.000v	8.4	7.1	53	600	140	0	4.312	.000v	1.2	.8
349	720	1120	0	100.2	.000v	8.6	5.6	54	660	140	0	4.312	.000v	1.2	.8
350	780	1120	0	100.1	.000v	6.8	4.3	55	720	140	0	4.311	.000v	1.1	.7
351	840	1120	0	100.1	.000v	5.7	3.6	56	780	140	0	4.310	.000v	1.1	.7
352	900	1120	0	100.1	.000v	5.0	3.1	57	840	140	0	4.309	.000v	1.0	.7
353	960	1120	0	100.2	.000v	4.4	2.7	58	900	140	0	4.308	.000v	.9	.6
354	1020	1120	0	100.0	.000v	3.9	2.3	59	960	140	0	4.307	.000v	.8	.6
355	1080	1120	0	100.0	.000v	3.6	2.1	60	1020	140	0	4.306	.000v	.8	.5
356	1140	1120	0	100.0	.000v	3.3	1.9	61	1080	140	0	4.306	.000v	.7	.5
357	1200	1120	0	100.0	.000v	3.0	1.8	62	1140	140	0	4.305	.000v	.7	.4
358	0	1190	0	100.1	.000v	4.9	3.0	63	1200	140	0	4.305	.000v	.6	.4
359	60	1190	0	100.1	.000v	5.6	3.6	64	0	210	0	4.307	.000v	1.0	.5
360	120	1190	0	100.1	.000v	6.5	4.3	65	60	210	0	4.308	.000v	1.1	.5
361	180	1190	0	100.2	.000v	7.5	5.5	66	120	210	0	4.309	.000v	1.1	.6
362	240	1190	0	100.3	.000v	8.8	6.8	67	180	210	0	4.311	.000v	1.1	.7
363	300	1190	0	100.5	.000v	10.5	8.8	68	240	210	0	4.313	.000v	1.1	.8
364	360	1190	0	100.8	.000v	11.1	11.0	69	300	210	0	4.315	.000v	1.1	.8
365	420	1190	0	100.8	.000v	10.2	10.0	70	360	210	0	4.316	.000v	1.2	1.0
366	480	1190	0	100.6	.000v	9.7	9.4	71	420	210	0	4.317	.000v	1.3	1.0
367	540	1190	0	100.4	.000v	8.7	8.1	72	480	210	0	4.317	.000v	1.3	.9
368	600	1190	0	100.3	.000v	7.7	6.9	73	540	210	0	4.316	.000v	1.3	.9
369	660	1190	0	100.2	.000v	7.0	6.3	74	600	210	0	4.315	.000v	1.3	.8
370	720	1190	0	100.2	.000v	6.2	4.8	75	660	210	0	4.314	.000v	1.3	.9
371	780	1190	0	100.1	.000v	5.7	4.3	76	720	210	0	4.313	.000v	1.2	.8
372	840	1190	0	100.1	.000v	5.3	3.4	77	780	210	0	4.311	.000v	1.1	.7
373	900	1190	0	100.2	.000v	4.8	2.9	78	840	210	0	4.310	.000v	1.0	.7
374	960	1190	0	100.1	.000v	4.3	2.6	79	900	210	0	4.309	.000v	.9	.6
375	1020	1190	0	100.0	.000v	3.8	2.3	80	960	210	0	4.308	.000v	.8	.6
376	1080	1190	0	100.0	.000v	3.5	2.1	81	1020	210	0	4.307	.000v	.8	.5
377	1140	1190	0	100.0	.000v	3.2	1.9	82	1080	210	0	4.306	.000v	.7	.4
378	1200	1190	0	100.0	.000v	3.0	1.8	83	1140	210	0	4.306	.000v	.7	.4
379	0	1260	0	100.1	.000v	4.6	3.1	84	1200	210	0	4.305	.000v	.6	.4
380	60	1260	0	100.1	.000v	5.3	3.6	85	0	280	0	4.308	.000v	1.1	.5
381	120	1260	0	100.1	.000v	5.9	4.1	86	60	280	0	4.309	.000v	1.2	.5
382	180	1260	0	100.2	.000v	6.6	4.7	87	120	280	0	4.311	.000v	1.2	.7
383	240	1260	0	100.2	.000v	7.2	5.9	88	180	280	0	4.314	.000v	1.1	.7
384	300	1260	0	100.3	.000v	7.8	7.5	89	240	280	0	4.320	.000v	1.3	.9
385	360	1260	0	100.4	.000v	7.9	7.9	90	300	280	0	4.323	.000v	1.3	1.0
386	420	1260	0	100.4	.000v	8.0	7.7	91	360	280	0	4.324	.000v	1.3	.9
387	480	1260	0	100.3	.000v	7.5	7.3	92	420	280	0	4.324	.000v	1.4	1.3
388	540	1260	0	100.2	.000v	7.1	6.4	93	480	280	0	4.323	.000v	1.5	1.1
389	600	1260	0	100.2	.000v	6.5	5.4	94	540	280	0	4.321	.000v	1.4	1.1
390	660	1260	0	100.1	.000v	5.8	4.6	95	600	280	0	4.319	.000v	1.4	1.0
391	720	1260	0	100.1	.000v	5.3	4.0	96	660	280	0	4.318	.000v	1.4	.9
392	780	1260	0	100.1	.000v	4.8	3.9	97	720	280	0	4.316	.000v	1.3	.9
393	840	1260	0	100.1	.000v	4.5	3.5	98	780	280	0	4.313	.000v	1.2	.8
394	900	1260	0	100.1	.000v	4.1	2.9	99	840	280	0	4.311	.000v	1.0	.7
395	960	1260	0	100.0	.000v	3.9	2.6	100	900	280	0	4.310	.000v	.9	.6
396	1020	1260	0	100.0	.000v	3.5	2.4	101	960	280	0	4.309	.000v	.8	.6
397	1080	1260	0	100.0	.000v	3.3	2.2	102	1020	280	0	4.308	.000v	.8	.5
398	1140	1260	0	100.0	.000v	3.0	1.9	103	1080	280	0	4.307	.000v	.7	.5
399	1200	1260	0	100.0	.000v	2.8	1.8	104	1140	280	0	4.306	.000v	.7	.4
400	0	1330	0	100.1	.000v	4.3	2.9	105	1200	280	0	4.305	.000v	.7	.4
401	60	1330	0	100.1	.000v	4.7	3.2	106	0	350	0	4.309	.000v	1.1	.6
402	120	1330	0	100.1	.000v	5.2	3.6	107	60	350	0	4.311	.000v	1.3	.6
403	180	1330	0	100.2	.000v	5.6	4.6	108	120	350	0	4.314	.000v	1.5	.8
404	240	1330	0	100.2	.000v	6.0	5.5	109	180	350	0	4.321	.000v	1.2	.7
405	300	1330	0	100.2	.000v	6.5	6.3	110	240	350	0	4.325	.000v	1.2	.7
406	360	1330	0	100.3	.000v	6.8	6.0	111	300	350	0	4.328	.000v	1.2	.7
407	420	1330	0	100.2	.000v	6.6	6.2	112	360	350	0	4.354	.000v	1.4	1.1
408	480	1330	0	100.2	.000v	6.4	6.2	113	420	350	0	4.367	.000v	1.7	1.6
409	540	1330	0	100.2	.000v	6.1	5.4	114	480	350	0	4.337	.000v	1.7	

179	600	560	0	4.409	.000v	1.7	1.6	336	1200	1050	0	4.309	.000v	.9	.5
180	660	560	0	4.389	.000v	1.7	1.5	337	0	1120	0	4.324	.000v	1.5	.8
181	720	560	0	4.358	.000v	2.0	1.5	338	60	1120	0	4.331	.000v	1.8	1.0
182	780	560	0	4.329	.000v	1.2	.6	339	120	1120	0	4.342	.000v	2.1	1.3
183	840	560	0	4.320	.000v	1.1	.8	340	180	1120	0	4.359	.000v	2.4	1.6
184	900	560	0	4.316	.000v	1.0	.7	341	240	1120	0	4.393	.000v	3.1	2.1
185	960	560	0	4.313	.000v	.9	.6	342	300	1120	0	4.477	.000v	3.8	3.1
186	1020	560	0	4.311	.000v	.9	.6	343	360	1120	0	4.641	.000v	6.2	4.9
187	1080	560	0	4.309	.000v	.8	.5	344	420	1120	0	4.982	.000v	4.4	4.2
188	1140	560	0	4.308	.000v	.8	.5	345	480	1120	0	4.896	.000v	5.5	4.8
189	1200	560	0	4.307	.000v	.8	.5	346	540	1120	0	4.624	.000v	5.4	4.5
190	0	630	0	4.316	.000v	1.0	.6	347	600	1120	0	4.437	.000v	3.3	2.3
191	60	630	0	4.321	.000v	1.1	.7	348	660	1120	0	4.447	.000v	2.5	2.1
192	120	630	0	4.330	.000v	1.2	.8	349	720	1120	0	4.368	.000v	2.6	1.7
193	180	630	0	4.348	.000v	1.4	1.0	350	780	1120	0	4.337	.000v	2.0	1.3
194	240	630	0	4.393	.000v	2.1	1.7	351	840	1120	0	4.327	.000v	1.7	1.1
195	300	630	0	4.358	.000v	1.7	1.4	352	900	1120	0	4.321	.000v	1.5	.9
196	360	630	0	4.358	.000v	1.8	1.6	353	960	1120	0	4.317	.000v	1.3	.8
197	420	630	0	4.371	.000v	1.9	1.7	354	1020	1120	0	4.314	.000v	1.2	.7
198	480	630	0	4.401	.000v	1.9	1.7	355	1080	1120	0	4.312	.000v	1.1	.6
199	540	630	0	4.470	.000v	2.1	1.9	356	1140	1120	0	4.310	.000v	1.0	.6
200	600	630	0	4.402	.000v	1.6	1.4	357	1200	1120	0	4.309	.000v	.9	.6
201	660	630	0	4.372	.000v	1.5	1.1	358	0	1190	0	4.326	.000v	1.5	.9
202	720	630	0	4.348	.000v	1.4	1.0	359	60	1190	0	4.325	.000v	1.7	1.1
203	780	630	0	4.331	.000v	1.3	1.0	360	120	1190	0	4.344	.000v	1.9	1.3
204	840	630	0	4.322	.000v	1.1	.9	361	180	1190	0	4.360	.000v	2.3	1.6
205	900	630	0	4.317	.000v	1.1	.7	362	240	1190	0	4.388	.000v	2.6	2.1
206	960	630	0	4.314	.000v	1.0	.6	363	300	1190	0	4.438	.000v	3.2	2.6
207	1020	630	0	4.312	.000v	1.0	.6	364	360	1190	0	4.528	.000v	3.6	3.3
208	1080	630	0	4.310	.000v	.9	.5	365	420	1190	0	4.538	.000v	3.0	3.0
209	1140	630	0	4.309	.000v	.8	.5	366	480	1190	0	4.487	.000v	2.9	2.8
210	1200	630	0	4.308	.000v	.8	.5	367	540	1190	0	4.424	.000v	2.6	2.4
211	0	700	0	4.317	.000v	1.1	.7	368	600	1190	0	4.385	.000v	2.3	2.1
212	60	700	0	4.322	.000v	1.1	.8	369	660	1190	0	4.366	.000v	2.1	1.6
213	120	700	0	4.329	.000v	1.2	1.0	370	720	1190	0	4.348	.000v	1.8	1.4
214	180	700	0	4.341	.000v	1.4	1.2	371	780	1190	0	4.332	.000v	1.7	1.3
215	240	700	0	4.369	.000v	1.9	1.6	372	840	1190	0	4.325	.000v	1.6	1.0
216	300	700	0	4.390	.000v	1.9	1.8	373	900	1190	0	4.319	.000v	1.4	.9
217	360	700	0	4.388	.000v	2.3	2.1	374	960	1190	0	4.316	.000v	1.3	.8
218	420	700	0	4.413	.000v	2.6	2.4	375	1020	1190	0	4.313	.000v	1.1	.7
219	480	700	0	4.444	.000v	2.7	2.5	376	1080	1190	0	4.311	.000v	1.0	.6
220	540	700	0	4.447	.000v	2.9	2.2	377	1140	1190	0	4.310	.000v	.9	.6
221	600	700	0	4.391	.000v	2.0	1.5	378	1200	1190	0	4.309	.000v	.9	.5
222	660	700	0	4.389	.000v	1.9	1.6	379	0	1260	0	4.327	.000v	1.4	.9
223	720	700	0	4.371	.000v	1.8	1.5	380	60	1260	0	4.334	.000v	1.6	1.1
224	780	700	0	4.333	.000v	1.4	1.1	381	120	1260	0	4.343	.000v	1.8	1.2
225	840	700	0	4.324	.000v	1.3	.9	382	180	1260	0	4.356	.000v	2.0	1.4
226	900	700	0	4.318	.000v	1.2	.8	383	240	1260	0	4.375	.000v	2.2	1.8
227	960	700	0	4.315	.000v	1.1	.7	384	300	1260	0	4.400	.000v	2.3	2.2
228	1020	700	0	4.312	.000v	1.0	.6	385	360	1260	0	4.419	.000v	2.4	2.4
229	1080	700	0	4.310	.000v	1.0	.6	386	420	1260	0	4.415	.000v	2.4	2.3
230	1140	700	0	4.309	.000v	.9	.5	387	480	1260	0	4.395	.000v	2.2	2.2
231	1200	700	0	4.308	.000v	.8	.5	388	540	1260	0	4.374	.000v	2.1	1.9
232	0	770	0	4.318	.000v	1.1	.7	389	600	1260	0	4.358	.000v	1.9	1.6
233	60	770	0	4.323	.000v	1.2	.8	390	660	1260	0	4.345	.000v	1.7	1.4
234	120	770	0	4.330	.000v	1.3	1.0	391	720	1260	0	4.335	.000v	1.6	1.2
235	180	770	0	4.342	.000v	1.5	1.2	392	780	1260	0	4.327	.000v	1.4	1.1
236	240	770	0	4.373	.000v	2.1	1.7	393	840	1260	0	4.322	.000v	1.3	1.0
237	300	770	0	4.468	.000v	3.0	2.1	394	900	1260	0	4.318	.000v	1.2	.9
238	360	770	0	4.554	.000v	2.2	2.1	395	960	1260	0	4.315	.000v	1.2	.8
239	420	770	0	4.560	.000v	2.6	2.3	396	1020	1260	0	4.313	.000v	1.1	.7
240	480	770	0	4.506	.000v	3.0	2.3	397	1080	1260	0	4.311	.000v	1.0	.6
241	540	770	0	4.472	.000v	1.6	1.4	398	1140	1260	0	4.309	.000v	.9	.6
242	600	770	0	4.412	.000v	1.9	1.4	399	1200	1260	0	4.308	.000v	.9	.5
243	660	770	0	4.374	.000v	1.6	1.2	400	0	1330	0	4.326	.000v	1.3	.9
244	720	770	0	4.349	.000v	1.6	1.0	401	60	1330	0	4.332	.000v	1.4	1.0
245	780	770	0	4.333	.000v	1.6	.9	402	120	1330	0	4.340	.000v	1.6	1.1
246	840	770	0	4.324	.000v	1.5	.8	403	180	1330	0	4.350	.000v	1.7	1.4
247	900	770	0	4.319	.000v	1.3	.7	404	240	1330	0	4.362	.000v	1.8	1.7
248	960	770	0	4.315	.000v	1.2	.7	405	300	1330	0	4.373	.000v	2.0	1.9
249	1020	770	0	4.313	.000v	1.1	.6	406	360	1330	0	4.376	.000v	2.0	1.9
250	1080	770	0	4.311	.000v	1.0	.6	407	420	1330	0	4.371	.000v	2.0	1.9
251	1140	770	0	4.309	.000v	.9	.5	408	480	1330	0	4.361	.000v	1.9	1.8
252	1200	770	0	4.308	.000v	.9	.5	409	540	1330	0	4.350	.000v	1.8	1.6
253	0	840	0	4.320	.000v	1.2	.8	410	600	1330	0	4.341	.000v	1.7	1.4
254	60	840	0	4.325	.000v	1.4	.9	411	660	1330	0	4.334	.000v	1.6	1.1
255	120	840	0	4.333	.000v	1.5	1.0	412	720	1330	0	4.327	.000v	1.4	1.1
256	180	840	0	4.347	.000v	1.6	1.3	413	780	1330	0	4.323	.000v	1.3	1.0
257	240	840	0	4.382	.000v	1.8	1.6	414	840	1330	0	4.319	.000v	1.2	.9
258	300	840	0	4.488	.000v	2.3	2.0	415	900	1330	0	4.316	.000v	1.1	.8
259	360	840	0	4.533	.000v	2.4	1.8	416	960	1330	0	4.313	.000v	1.1	.7
260	420	840	0	4.582	.000v	2.1	2.0	417	1020	1330	0	4.312	.000v	1.0	.7
261	480	840	0	4.523	.000v	2.5	1.9	418	1080	1330	0	4.310	.000v	.9	.6
262	540	840	0	4.482	.000v	2.0	1.9	419	1140	1330	0	4.309	.000v	.9	.6
263	600	840	0	4.408	.000v	2.0	1.9	420	1200	1330	0	4.308	.000v	.8	.5
264	660	840	0	4.367	.000v	2.0	1.8	421	0	1400	0	4.325	.000v	1.2	.8
265	720	840	0	4.346	.000v	2.0	1.2	422	60	1400	0	4.330	.000v	1.3	.9
266	780	840	0	4.333	.000v	1.9	1.1	423	120	1400	0	4.336	.000v	1.4	1.2
267	840	840	0	4.325	.000v	1.7	.9	424	180	1400	0	4.344	.000v	1.5	1.3
268	900	840	0	4.320	.000v	1.5	.8	425	240	1400	0	4.351	.000v	1.6	1.5
269	960	840	0	4.316	.000v	1.3	.7	426	300	1400	0	4.354	.000v	1.7	1.6
270	1020	840	0	4.313	.000v	1.2	.6	427	360	1400	0	4.353	.000v	1.8	1.6
271	1080	840													