

Таблица коэффициентов поглощения для горячего воздуха при $T = 3000 \text{ K}$
 Таблица из книги Авиловой И.В., Бибермана Л.М. и др. "Оптические свойства горячего воздуха"
 М.: Из-во Наука. 1970, стр. 320

P, атм	250	500	750	1000	1250	1500	1750	2000
0,001	38 01	47 00	38 01	95 00	94 00	24 00	23 00	30 02
0,01	40-11	10-11	46-12	26-12	17-12	79-09	22-06	10-06
0,03	20-09	49-10	22-10	12-10	61-11	19-07	54-05	45-05
0,1	12-08	28-09	13-09	73-10	47-10	76-07	22-04	16-04
0,3	77-08	19-08	86-09	48-09	31-09	31-06	86-04	73-04
1	45-07	11-07	50-08	29-06	18-08	11-05	30-03	25-03
3	27-08	67-07	30-07	17-07	11-07	38-05	11-02	89-03
10	13-05	32-06	14-08	81-07	52-07	12-04	33-02	27-02
30	73-05	18-05	91-08	45-06	29-06	39-04	11-01	92-02
100	31-04	77-05	34-05	19-05	12-05	12-03	34-01	28-01

2250	2500	2750	3000	3250	3500	3750	4000	4250	4500
80 02	12 00	15-01	47 00	19 01	94 00	19 01	94 00	94 00	94 00
81-13	78-13	79-13	83-13	16-08	17-07	18-07	12-12	14-12	16-12
32-11	29-11	27-11	27-11	39-07	42-06	43-06	34-11	38-11	42-11
17-10	15-10	14-10	13-10	15-06	16-05	17-05	15-10	16-10	18-10
11-09	91-10	81-10	74-10	63-06	67-05	69-05	72-10	77-10	83-10
59-09	49-09	43-09	38-09	22-05	23-04	24-04	32-09	33-09	34-09
34-08	28-08	24-08	21-08	76-05	82-04	84-04	16-08	15-08	16-08
16-07	13-07	11-07	98-08	23-04	25-03	26-03	67-08	84-08	64-08
90-07	73-07	61-07	52-07	79-04	85-03	87-03	34-07	32-07	31-07
38-08	31-06	26-06	22-06	24-03	26-02	26-02	14-08	13-06	12-06

4750	5000	5250	5500	5750	6000	6250	6500	6750
19 01	75 01	30 02	60 02	94 00	47 00	47 00	47 00	47 00
18-12	20-12	23-12	28-12	28-12	35-12	39-12	41-12	49-12
47-11	52-11	59-11	64-11	70-11	88-11	96-11	10-10	12-10
20-10	22-10	24-10	26-10	28-10	35-10	39-10	41-10	48-10
89-10	96-10	11-09	12-09	12-09	15-09	17-09	17-09	20-09
36-09	38-09	42-09	44-09	47-09	58-09	62-09	64-09	74-09
15-08	17-08	18-08	18-08	19-08	22-08	24-08	25-08	29-08
64-08	65-08	68-08	70-08	73-08	82-08	68-08	91-08	10-07
30-07	30-07	31-07	32-07	32-07	55-07	37-07	38-07	42-07
12-06	12-06	12-06	12-06	12-06	13-06	14-06	14-06	15-06

7000	7250	7500	7750	8000	8250	8500	8750	9000
23 00	23 00	24 00	47 00	47 00	47 00	47 00	23 00	23 00
64-12	65-12	68-12	88-12	11-11	12-11	11-11	15-11	19-11
16-10	16-10	16-10	21-10	28-10	28-10	28-10	40-10	60-10
62-10	63-10	66-10	86-10	12-09	12-09	13-09	19-09	29-09
26-09	26-09	28-09	36-09	54-09	59-09	68-09	10-08	18-08
94-09	96-09	10-08	13-08	22-08	26-08	32-08	49-08	79-06
36-08	37-08	38-08	48-08	10-07	13-07	17-07	27-07	44-07
12-07	13-07	13-07	16-07	43-07	58-07	63-07	13-06	21-06
50-07	51-07	53-07	64-07	23-06	32-06	48-06	77-06	12-05
17-06	18-06	19-08	22-06	10-05	16-06	24-05	39-05	64-05

9250	9500	9750	10000	10250	10500	10750	11000	11250
24 00	24 00	94 00	19 01	94 00	19 01	94 00	94 00	94 00
19-11	22-11	23-11	37-11	35-11	32-11	33-11	40-11	63-11
65-10	78-10	89-10	14-09	15-09	17-09	19-09	24-09	33-09
34-09	44-09	54-09	80-09	95-09	11-08	14-08	18-08	23-08
21-08	29-08	37-08	54-06	68-08	85-08	11-07	14-07	18-07
11-07	16-07	22-07	31-07	40-07	52-07	67-07	86-07	11-06
65-07	99-07	14-06	19-06	26-06	34-06	44-06	57-06	73-06
33-06	51-06	71-06	10-05	14-05	18-05	24-05	30-05	39-05
20-05	32-05	44-05	62-05	84-05	11-04	15-04	19-04	24-04
10-04	16-04	23-04	32-04	44-04	59-04	78-04	10-03	13-03

11500	11750	12000	12250	12500	12750	13000	13250	13500
75 01	30 02	24 00	12 00	47 00	94 00	94 00	94 00	94 00
61-11	60-11	64-11	80-11	88-11	94-11	11-10	12-10	13-10
37-09	42-09	50-09	60-09	71-09	80-09	90-09	10-08	11-08
27-08	32-08	38-08	46-08	55-08	62-08	70-08	79-08	89-08
22-07	28-07	31-07	37-07	45-07	52-07	58-07	66-07	74-07
14-06	16-06	20-06	24-06	29-06	33-06	37-06	42-06	47-06
90-06	11-05	13-05	16-05	19-05	22-05	25-05	28-05	32-05
48-05	59-05	71-05	64-05	10-04	12-04	13-04	15-04	17-04
30-04	37-04	45-04	53-04	66-04	75-04	85-04	96-04	11-03
16-03	20-03	24-03	28-03	35-03	39-03	45-83	51-03	57-03

13750	14000	14250	14500	14750	15000	15250	15500	15750
94 00	94 00	75 01	30 02	24 00	12 00	47 00	94 00	94 00
14-10	16-10	17-10	19-10	21-10	24-10	56-10	28-10	31-10
13-08	14-08	16-08	17-08	19-08	21-08	23-08	25-08	27-08
10-07	11-07	12-07	14-07	15-07	16-07	18-07	20-07	21-07
83-07	93-07	10-06	11-06	12-06	14-06	15-06	16-06	18-06
53-06	59-06	65-06	72-06	80-06	87-06	95-06	10-05	11-05
35-05	39-05	44-05	48-05	53-05	58-05	64-05	69-05	75-05
19-04	21-04	24-04	26-04	29-04	31-04	34-04	37-04	40-04
12-03	13-03	15-03	16-03	18-03	20-03	22-03	24-03	26-03
64-03	71-03	79-03	87-03	96-03	10-02	12-02	12-02	14-02

16000	16250	16500	16750	17000	17250	17500	17750	18000
94 00	47 00	94 00	94 00	75 01	30 02	24 00	63-10	69-10
34-10	37-10	41-10	44-10	49-10	53-10	58-10	48-08	51-08
29-08	32-08	34-08	37-08	40-08	42-08	45-08	36-07	38-07
23-07	25-07	27-07	28-07	30-07	32-07	34-07	29-06	31-06
19-06	20-06	22-06	23-08	25-06	26-06	28-06	18-05	19-05
12-05	13-05	14-05	15-05	16-05	17-05	17-05	12-04	13-04
61-05	87-05	93-05	98-05	10-04	11-04	12-04	65-04	68-04
43-04	47-04	50-04	53-04	56-04	59-04	62-04	41-03	43-03
28-03	30-03	32-03	34-03	36-03	37-03	39-03	22-02	22-02
14-02	16-02	17-02	18-02	19-02	20-02	21-02	13-01	14-01

18250	18500	18750	19000	19250	19500	19750	20000	20250
75-10	82-10	90-10	98-10	11-09	12-09	13-09	14-09	16-09
55-08	58-08	62-08	65-08	69-08	73-08	78-08	88-05	93-08
40-07	42-07	44-07	46-07	48-07	50-07	53-07	60-07	62-07
32-06	33-06	35-06	36-06	37-06	38-06	39-06	45-06	46-06
20-05	21-05	21-05	22-05	22-05	23-05	24-05	27-05	27-05
13-04	14-04	14-04	14-04	15-04	15-04	15-04	17-04	17-04
70-04	72-04	74-04	76-04	78-04	79-04	80-04	92-04	92-04
44-03	46-03	47-03	48-03	49-03	49-03	50-03	57-03	57-03
23-02	24-02	25-02	25-02	26-02	25-02	26-02	30-02	30-02
14-01	15-01	15-01	15-01	16-01	16-01	16-01	18-01	18-01

20500	20750	21000	21250	21500	21750	22000	22250	22500
17-09	19-09	21-09	23-09	25-09	28-09	31-09	34-09	38-09
99-08	10-07	11-07	12-07	13-07	14-07	15-07	16-07	18-07
65-07	68-07	71-07	75-07	79-07	84-07	90-07	96-07	10-06
47-06	46-06	50-06	52-06	54-06	56-06	58-06	61-06	64-06
28-05	28-05	29-05	29-05	30-05	31-05	32-05	33-05	34-05
19-04	18-04	16-04	18-04	18-04	18-04	19-04	19-04	20-04
92-04	92-04	93-04	94-04	94-04	95-04	96-04	97-04	98-04
57-03	58-03	58-03	58-03	58-03	58-03	58-03	59-03	59-03
30-02	30-02	30-02	30-02	30-02	30-02	30-02	30-02	30-02
18-01	16-01	16-01	18-01	18-01	18-01	18-01	18-01	18-01

25000	25250	25500	25750	26000	26250	26500	26750	27000
10-08	13-08	13-08	16-08	16-08	19-06	23-08	23-08	28-08
45-07	57-07	53-07	68-07	70-07	61-07	10-06	99-07	12-06
23-06	29-06	27-06	34-06	35-06	40-06	51-06	49-06	62-06
12-05	15-05	14-05	17-05	18-05	20-05	25-05	24-05	30-05
55-05	66-05	61-05	74-05	75-05	85-05	10-04	99-05	12-04
27-04	31-04	30-04	34-04	34-04	38-04	45-04	43-04	55-04
12-03	13-03	13-03	14-03	14-03	15-03	18-03	17-03	20-03
66-03	71-03	69-03	74-03	74-03	76-03	85-03	83-03	93-03
32-02	34-02	33-02	34-02	34-02	36-02	36-02	37-02	40-02
19-01	19-01	19-01	19-01	19-01	20-01	26-01	20-01	21-01

27250	27500	27750	28000	28250	28500	28750	29000	29250
26-08	33-08	40-08	43-08	53-08	44-06	53-08	66-08	80-08
11-06	14-06	18-06	19-06	24-06	18-06	22-06	29-06	37-06
54-06	70-06	88-06	92-06	12-05	67-06	11-05	14-05	18-05
26-05	34-05	43-05	44-05	57-05	42-05	52-05	68-05	65-05
11-04	14-04	17-04	17-04	22-04	16-04	20-04	26-04	33-04
46-04	57-04	69-04	71-04	88-04	67-04	81-04	10-03	13-03
18-03	21-03	25-03	26-03	31-03	24-03	29-03	35-03	43-03
86-03	98-03	11-02	11-02	13-02	11-02	12-02	15-02	17-02
38-02	42-02	46-02	46-02	52-02	45-02	50-02	57-02	64-02
21-01	22-01	23-01	23-01	25-01	23-01	24-01	27-01	29-01

29500	29750	30000	30250	30500	30750	31000	31250	31500
10-07	73-08	85-08	11-07	15-07	19-07	14-07	16-07	20-07
48-06	30-06	36-06	51-06	68-06	92-06	60-06	71-06	89-06
23-05	14-05	17-05	24-05	33-05	45-05	29-05	34-05	43-05
11-04	68-05	61-05	12-04	16-04	21-04	13-04	16-04	20-04
42-04	26-04	31-04	44-04	59-04	81-04	51-04	60-04	76-04
18-03	10-03	12-03	17-03	22-03	30-03	19-03	23-03	29-03
54-03	35-03	41-03	56-03	73-03	98-03	63-03	74-03	92-03
21-02	15-02	18-02	22-02	28-02	36-02	24-02	26-02	34-02
76-02	56-02	62-02	78-02	96-02	12-01	86-02	96-02	12-01
33-01	26-01	28-01	34-01	40-01	49-01	36-01	40-01	47-01

31750	32000	32250	32500	32750	33000	33250	33500	33750
23-07	30-07	29-07	33-07	40-07	39-07	50-07	56-07	57-07
10-05	14-05	13-05	15-05	19-05	18-05	23-05	24-05	25-05
50-05	68-05	63-05	72-05	92-05	86-05	11-04	12-04	12-04
24-04	32-04	30-04	34-04	44-04	40-04	53-04	55-04	56-04
89-04	12-03	11-03	12-03	18-03	15-03	20-03	21-03	21-03
33-03	45-03	41-03	47-03	60-03	56-03	74-03	76-03	77-03
11-02	14-02	13-02	15-02	19-02	18-02	23-02	24-02	24-02
40-02	52-02	48-02	54-02	69-02	64-02	84-02	66-02	87-02
13-01	17-01	16-01	18-01	22-01	21-01	27-01	27-01	28-01
52-01	65-01	61-01	67-01	82-01	77-01	97-01	99-01	10 00

34000	34250	34500	34750	35000	35250	35500	35750	36000
74-07	78-07	87-07	10-06	10-36	16-06	15-06	18-06	21-08
34-05	34-05	40-05	48-05	44-05	65-05	64-05	71-05	88-05
16-04	16-04	19-04	23-04	21-04	31-04	31-04	34-04	42-04
76-04	77-04	91-04	11-03	98-04	14-03	14-03	15-03	19-03
28-03	28-03	34-03	41-03	36-03	52-03	53-03	57-03	72-03
10-02	10-02	12-02	15-02	13-02	19-02	19-02	21-02	28-02
33-02	33-02	39-02	47-02	42-02	60-02	60-02	65-02	82-02
12-01	12-01	14-01	16-01	15-01	21-01	21-01	23-01	29-01
37-01	37-01	43-01	52-01	46-01	65-01	68-01	71-01	89-01
13 00	13 00	15 00	18 00	16 00	23 00	23 00	24 00	31 00

36250	36500	36750	37000	37250	37500	37750	38000	38250
19-06	22-08	26-06	46-06	39-06	51-08	46-06	49-08	57-06
82-05	97-05	12-04	16-04	15-04	19-04	17-04	20-04	22-04
39-04	46-04	86-04	70-04	72-04	87-04	80-04	95-04	10-03
18-03	22-03	26-03	31-03	33-03	39-03	36-03	44-03	48-03
87-03	80-03	97-03	11-02	12-02	14-02	13-02	16-02	18-02
25-02	29-02	36-02	41-02	44-02	52-02	49-02	59-02	64-02
77-02	92-02	11-01	13-01	14-01	16-01	15-01	16-01	20-01
27-01	32-01	39-01	44-01	48-01	57-01	53-01	64-01	70-01
84-01	99-01	12 00	14 00	15 00	17 00	16 00	20 00	21 00
29 00	34 00	41 00	46 00	50 00	59 00	55 00	66 00	72 00

38500	38750	39000	39250	39500	39750	40000	40250	40500
53-08	15-05	13-05	13-05	12-05	11-05	12-05	10-05	30-05
22-04	49-04	41-04	44-04	44-04	39-04	45-04	44-04	92-04
10-03	22-03	18-03	20-03	20-03	18-03	21-03	21-03	40-03
49-03	96-03	81-03	87-03	91-03	81-03	96-03	98-03	17-02
18-02	34-02	26-02	32-02	33-02	30-02	35-02	36-02	62-02
86-02	12-01	10-01	11-01	12-01	11-01	13-01	13-01	22-01
20-01	39-01	33-01	36-01	38-01	33-01	40-01	41-01	70-01
72-01	13 00	11 00	12 00	13 00	12 00	14 00	14 00	24 00
22 00	41 00	34 00	38 00	40 00	36 00	42 00	44 00	73 00
74 00	14 01	12 01.	13 01	13 01	12 01	14 01	15 01	24 01

40750	41000	41250	41500	41750	42000	42250	42500	42750
33-05	28-05	22-05	20-05	19-05	19-05	40-05	92-05	62-05
10-03	92-04	79-04	79-04	74-04	80-04	14-03	26-03	20-03
46-03	41-03	36-03	37-03	33-03	38-03	63-03	11-02	66-03
20-02	18-02	16-02	17-02	16-02	16-02	28-02	48-02	39-02
74-02	65-02	59-02	62-02	59-02	65-02	10-01	17-01	14-01
26-01	24-01	22-01	23-01	21-01	24-01	37-01	80-01	50-01
82-01	73-01	87-01	70-01	67-01	74-01	12 00	19 00	16 00
28 00	25 00	23 00	24 00	23 00	26 00	40 00	84 00	54 00
86 00	77 00	70 00	75 00	70 00	78 00	12 01	19 01	18 01
29 01	26 01	24 01	25 01	24 01	26 01	41 01	65 01	55 01

43000	43250	43500	43750	44000	44250	44500	44750	45000
45-05	33-05	34-05	34-05	33-05	14-04	12-04	96-05	71-05
18-03	13-03	14-03	14-03	15-03	41-03	38-03	32-03	27-03
72-03	61-03	68-03	67-03	71-03	18-02	18-02	14-02	12-02
32-02	28-02	31-02	31-02	33-02	77-02	72-02	65-02	57-02
12-01	10-01	12-01	11-01	12-01	27-01	26-01	23-01	21-01
43-01	38-01	42-01	42-01	45-01	96-01	94-01	65-01	76-01
13 00	12 00	13 00	13 00	14 00	30 00	29 00	26 00	24 00
46 00	41 00	46 00	45 00	49 00	10 01	10 01	91 00	82 00
14 01	12 01	14 01	14 01	15 01	32 01	30 01	28 01	25 01
47 01	41 01	46 01	46 01	50 01	11 02	10 02	93 01	84 01

45250	45500	45750	46000	46250	46500	46750	47000	47250
77-05	70-05	68-05	64-05	67-05	18-04	22-04	19-04	14-04
28-03	28-03	26-03	28-03	30-03	55-03	71-03	65-03	54-03
13-02	13-02	13-02	14-02	15-02	25-02	31-02	30-02	25-02
60-02	61-02	61-02	64-02	69-02	11-01	14-01	13-01	11-01
22-01	22-01	22-01	24-01	26-01	40-01	50-01	48-01	41-01
60-01	62-01	82-01	66-01	94-01	14 00	18 00	17 00	16 00
25 00	26 00	28 00	27 00	29 00	45 00	55 00	54 00	47 00
68 00	69 00	89 00	94 00	10 01	16 01	19 01	19 01	16 01
28 01	27 01	27 01	28 01	41 01	48 01	58-01	57 01	49 01
87 01	91 01	91 01	96 01	10 02	16 02	19 02	19 02	18 02

47500	47750	48000	48250	48500	48750	49000	49250	49500
13-04	12-04	15-04	16-04	17-04	30-04	40-04	38-04	33-04
54-03	50-03	69-03	75-03	64-03	12-02	15-02	14-02	13-02
25-02	24-02	34-02	37-02	41-02	55-02	66-02	64-02	62-02
12-01	11-01	18-01	17-01	19-01	25-01	31-01	29-01	28-01
43-01	40-01	58-01	64-01	72-01	92-01	11 00	11 00	10 00
16 00	15 00	21 00	24 00	26 00	34 00	41 00	39 00	38 00
41 00	46 00	66 00	73 00	82 00	10 01	13 01	12 01	12 01
17 01	18 01	23 01	28 01	29 01	38 01	44 01	42 01	41 01
51 01	49 01	71 01	78 01	86 31	11 02	13 02	13 02	12 02
17 02	16 02	24 02	26 02	29 02	37 02	45 02	43 02	42 02

49750	50000	50250	50500	50750	51000	51250	51500	51750
35-04	30-04	30-04	47-04	56-04	45-04	48-04	72-04	63-04
14-02	13-02	14-02	19-02	22-02	20-02	21-02	28-02	26-02
65-02	63-02	71-02	90-02	10-01	96-02	10-01	13-01	12-01
30-01	29-01	33-01	42-01	47-01	44-01	47-01	59-01	57-01
11 00	11 00	12 00	15 00	17 00	16 00	18 00	22 00	21 00
40 00	40 00	46 00	56 00	83 00	80 00	64 00	79 00	77 00
12 01	12 01	14 01	17 01	20 01	19-01	20 01	24 01	24 01
43 01	43 01	49 01	60 01	68 01	66 01	70 01	85 01	83 01
13 02	13 02	15 02	18 02	21 02	20 02	21 02	26 02	25 02
44 02	44 02	50 02	62 02	69 02	67 02	71 02	87 02	85 02

52000	52250	52500	52750	53000	53250	53500	53750	54000
54-04	54-04	10-03	82-04	88-04	86-04	12-03	81-04	73-04
24-02	28-02	39-02	35-02	38-02	41-02	48-02	37-02	31-02
12-01	13-01	18-01	17-01	18-01	20-01	22-01	17-01	15-01
56-01	60-01	62-01	76-01	85-01	92-01	10 00	80-01	70-01
20 00	22 00	30 00	29 00	32 00	34 00	38 00	30 00	28 00
75 00	81 00	11 01	10 01	12 01	12 01	14 01	11 01	94 00
23 01	25 01	34 01	33 01	38 01	39 01	43 01	34 01	29 01
81 01	86 01	12 02	11 02	12 02	14 02	15 02	12 02	10 02
25 02	27 02	36 02	38 02	38 02	41 02	46 02	38 02	31 02
63 02	90 02	12 03	12 03	13 03	14 03	15 03	12 03	10 03

54250	54500	54750	55000	55250	55500	55750	56000	56250
72-04	70-04	15-03	18-03	96-04	95-04	16-03	10-03	84-04
34-02	35-02	58-02	61-02	39-02	35-02	51-02	40-02	38-02
16-01	17-01	26-01	28-01	18-01	16-01	23-01	18-01	17-01
77-01	82-01	12 00	13 00	85-01	74-01	10 00	84-01	81-01
29 00	31 00	43 00	47 00	32 00	27 00	37 00	31 00	30 00
10 01	11 01	16 01	17 01	12 01	88 00	13 01	11 01	11 01
33 01	35 01	49 01	53 01	38 01	30 01	41 01	35 01	34 01
11 02	12 02	17 02	18 02	12 02	10 02	14 02	12 02	12 02
35 02	37 02	52 02	58 02	38 02	32 02	43 02	37 02	38 02
12 03	12 03	17 03	19 03	13 03	11 03	14 03	12 03	11 03

56500	56750	57000	57250	57500	57750	58000	58250	58500
73-04	62-04	75-04	18-03	12-03	14-03	16-03	14-03	10-03
35-02	31-02	32-02	57-02	45-02	50-02	57-02	52-02	43-02
17-01	15-01	15-01	25-01	21-01	23-01	26-01	24-01	21-01
80-01	72-01	70-01	11 00	64-01	10 00	12 00	11 00	98-01
30 00	27 00	26 00	40 00	34 00	37 00	42 00	40 00	36 00
11 01	88 00	94 00	14 01	12 01	14 01	15 01	14 01	13 01
34 01	31 01	29 01	45 01	38 01	42 01	47 01	45 01	40 01
12 02	11 02	10 02	18 02	13 02	14 02	18 02	16 02	14 02
36 02	33 02	31 02	47 02	41 02	44 02	50 02	47 02	43 02
12 03	11 03	10 03	18 03	14 03	15 03	16 03	16 03	14 03

58750	59000	59250	59500	59750	60000	60250	60500	60750
62-04	75-04	73-04	15-03	13-03	17-03	18-03	14-03	12-03
40-02	39-02	39-02	80-02	57-02	68-02	64-02	62-02	59-02
19-01	19-01	20-01	28-01	27-01	31-01	31-01	30-01	29-01
92-01	92-01	94-01	13 00	12 00	14 00	14 00	14 00	13 00
34 00	34 00	35 00	48 00	48 00	52 00	52 00	41 00	50 00
12 01	13 01	13 01	17 01	17 01	19 01	19 01	19 01	18 01
39 01	39 01	40 01	54 01	52 01	59 01	59 01	58 01	57 01
14 02	14 02	14 02	19 02	18 02	20 02	20 02	20 02	20 02
41 02	42 02	43 02	57 02	58 02	62 02	82 02	62 02	81 02
14 03	14 03	14 03	19 03	18 03	21 03	21 03	21 03	20 03

61000	61250	61500	61750	62000	62250	62500	62750	63000
11-03	10-03	10-03	13-03	12-03	13-03	14-03	14-03	13-03
58-02	56-02	57-02	65-02	63-02	67-02	71-02	71-02	72-02
28-01	28-01	28-01	32-01	32-01	33-01	35-01	36-01	36-01
13 00	13 00	14 00	15 00	15 00	16 00	16 00	17 00	17 00
49 00	50 00	51 00	57 00	58 00	59 00	62 00	63 00	64 00
18 01	18 01	19 01	21 01	21 01	22 01	23 01	23 01	24 01
56 01	57 01	59 01	65 01	84 01	68 01	71 01	72 01	73 01
20 02	20 02	20 02	23 02	22 02	24 02	25 02	26 02	26 02
60 02	61 02	63 02	69 02	69 02	72 02	75 02	77 02	78 02
20 03	20 03	21 03	23 03	23 03	24 03	26 03	26 03	28 03

63250	63500	63750	64000	64250	64500	64750	65000	65250
13-03	13-03	13-03	13-03	14-03	14-03	15-03	15-03	15-03
72-02	72-02	74-02	76-02	78-02	81-02	63-02	84-02	85-03
38-01	37-01	37-01	38-01	39-01	41-01	42-01	42-01	43-01
17 00	18 00	18 00	18 00	19 00	20 00	20 00	20 00	21 00
64 00	66 00	67 00	89 00	71 00	73 00	75 00	76 00	78 00
24 01	24 01	25 01	25 01	26 01	27 01	28 01	28 01	29 01
74 01	75 01	77 01	79 01	81 01	84 01	86 01	86 01	69 01
26 02	26 02	27 02	28 02	28 02	29 02	30 02	31 02	31 02
79 02	81 02	63 02	85 02	87 02	90 02	92 02	94 02	95 02
26 03	27 03	28 03	28 03	29 03	30 03	31 03	31 03	32 03

65500	65750	66000	66250	66500	66750	67000	67250	67500
15-03	15-03	15-03	18-03	16-03	16-03	16-03	16-03	17-03
86-02	88-02	89-02	91-02	92-02	94-02	95-02	98-02	97-02
44-01	45-01	45-01	46-01	47-01	48-01	48-01	49-01	49-01
21 00	21 00	22 00	22 00	22 00	23 00	23 00	23 00	24 00
79 00	80 00	82 00	83 00	84 00	86 00	87 00	88 00	88 00
29 01	30 01	30 01	31 01	31 01	32 01	32 01	32 01	33 01
90 01	92 01	94 01	95 01	97 01	98-01	99 01	10 02	10-02
32 02	32 02	33 02	33 02	34 02	34 02	35 02	35 02	36 02
97 02	99 02	10 03	10 03	10 03	10 03	11 03	11 03	11 03
32 03	33 03	34 03	34 03	35 03	35 03	38 03	38 03	36 03

67750	68000	68250	68500	68750	69000	69250	69500	69750
17-03	17-03	17-03	17-03	17-03	17-03	17-03	17-03	17-03
98-02	98-02	98-02	10-01	10-01	10-01	10-01	10-01	10-01
50-01	50-01	50-01	51-01	51-01	51-01	51-01	51-01	51-01
24 00	24 00	24 00	24 00	24 00	24 00	24 00	24 00	24 00
89 00	90 00	91 00	91 00	92 00	92 00	92 00	92 00	92 00
33 01	33 01	33 01	34 01	34 01	34 01	34 01	34 01	34 01
10 02	10 02	10 02	10 02	10 02	10 02	10 02	10 02	10 02
36 02	36 02	36 02	37 02	37 02	37 02	37 02	37 02	37 02
11 03	11 03	11 03	11 03	11 03	11 03	11 03	11 03	11 03
37 03	37 03	37 03	38 03	38 03	38 03	38 03	38 03	38 03

70000	70250	70500	70750	71000	71250	71500	71750	72000
18-03	18-03	18-03	17-03	17-03	17-03	17-03	17-03	16-03
10-01	10-01	10-01	10-01	10-01	99-02	98-02	98-02	94-02
52-01	52-01	32-01	51-01	51-01	50-01	50-01	49-01	48-01
25 00	25 00	25 00	24 00	24 00	24 00	24 00	23 00	23 00
94 00	94 00	93 00	93 00	92 00	90 00	89 00	88 00	88 00
35 01	35 01	34 01	34 01	34 01	33 01	33 01	32 01	32 01
10 02	11 02	11 02	11 02	10 02	10 02	10 02	10 02	99 01
36 02	38 02	36 02	37 02	37 02	36 02	36 02	35 02	35 02
12 03	12 03	11 03	11 03	11 03	11 03	11 03	11 03	10 03
39 03	39 03	38 03	38 03	38 03	37 03	37 03	38 03	35 03

72250	72500	72750	73000	73250	73500	73750	74000	74250
16-03	16-03	15-03	15-03	15-03	14-03	14-03	13-03	13-03
92-02	90-02	88-02	85-02	83-02	81-02	78-02	75-02	72-02
47-01	48-01	44-01	43-01	42-01	41-01	39-01	38-01	36-01
22 00	22 00	21 00	21 00	20 00	20 00	19 00	18 00	17 00
84 00	82 00	80 00	78 00	76 00	73 00	71 00	68 00	65 00
31 01	30 01	30 01	29 01	29 01	27 01	28 01	25 01	24 01
97 01	94 01	92 01	89 01	87 01	84 01	61 01	78 01	75 01
34 02	33 02	32 02	31 02	30 02	30 02	26 02	27 02	26 02
10 03	10 03	98 02	96 02	93 02	90 02	67 02	83 02	80 02
35 03	34 03	33 03	32 03	31 03	30 03	29 03	26 03	27 03

74500	74750	75000	75250	75500	75750	76000	76250	76500
12-03	12-03	11-03	11-03	10-03	99-04	94-04	89-04	83-04
68-02	85-02	63-02	60-02	57-02	54-02	50-02	47-02	44-02
35-01	33-01	32-01	30-01	29-01	27-01	25-01	24-01	22-01
16 00	16 00	15 00	14 00	14 00	13 00	12 00	11 00	10 00
62 00	59 00	57 00	54 00	51 00	48 00	45 00	42 00	39 00
23 01	22 01	21 01	20 01	19 01	18 01	17 01	16 01	14 01
71 01	88 01	85 01	62 01	59 01	55 01	52 01	48 01	45 01
25 02	24 02	23 02	22 02	20 02	19 02	18 02	17 02	16 02
78 02	73 02	70 02	86 02	83 02	59 02	55 02	52 02	48 02
26 03	24 03	23 03	22 03	21 03	20 03	18 03	17 03	16 03

76750	77000	77250	77500	77750	78000	78250	78500	78750
91-01	72-04	87-04	72-04	68-04	62-04	58-04	53-04	48-04
69 00	38-02	34-02	34-02	31-02	28-02	25-02	23-02	20-02
16 01	19-01	17-01	16-01	15-01	14-01	12-01	11-01	95-02
35 01	89-01	62-01	76-01	71-01	64-01	57-01	50-01	44-01
71 01	33 00	30 00	29 00	26 00	24 00	21 00	19 00	16 00
14 02	12 01	11 01	11 01	96 00	87 00	77 00	68 00	60 00
26 02	38 01	35 01	33 01	30 01	27 01	24 01	21 01	16 01
56 02	13 02	12 02	12 02	10 02	94 01	84 01	74 01	64 01
12 03	41 02	37 02	36 02	32 02	29 02	28 02	22 02	20 02
25 03	14 03	12 03	12 03	11 03	96 02	86 02	76 02	66 02

79000	79250	79500	79750	80000	80250	80500	80750	81000
56-04	88-04	74-04	92-04	10-03	11-03	12-03	13-03	14-03
24-02	30-02	35-02	42-02	47-02	53-02	58-02	63-02	67-02
12-01	14-01	17-01	20-01	23-01	28-01	28-31	31-01	33-01
55-01	68-01	80-01	86-01	11 00	12 00	13 00	14 00	18 00
20 00	25 00	30 00	36 00	40 00	45 00	50 00	54 00	56 00
75 00	92 00	11 01	13 01	15 01	17 01	18 01	20 01	22 01
23 01	29 01	34 01	41 01	46 01	52 01	57 01	62 01	67 01
81 01	10 02	12 02	14 02	16 02	18 02	20 02	22 02	23 02
25 02	30 02	38 02	43 02	49 02	55 02	60 02	86 02	71 02
83 02	10 03	12 03	14 03	16 03	16 03	20 03	22 03	24 03

81250	81500	81750	82000	82250	82500	82750	83000	83250
15-03	15-03	18-03	18-03	18-03	20-03	21-03	21-03	13-02
72-02	77-02	71-02	87-02	92-02	97-02	10-01	10-01	14-01
36-01	38-01	40-01	43-01	46-01	48-01	50-01	52-01	61-01
17 00	18 00	19 00	20 00	22 00	23 00	24 00	25 00	27 00
63 00	67 00	71 00	76 00	80 00	85 00	89 00	93 00	89 00
23 01	25 01	28 01	28 01	30 01	31 01	33 01	34 01	36 01
72 01	77 01	72 01	87 01	92 01	97 01	10 02	10 02	11 02
25 02	27 02	28 02	30 02	32 02	34 02	38 02	37 02	39 02
77 02	82 02	87 02	93 02	98 02	10 03	11 03	11 03	12 03
26 03	27 03	29-03	31-03	33 03	35 03	38 03	38 03	39 03

83500	83750	84000	84250	84500	84750	85000	85250	85500
22-03	23-03	24-03	25-03	27-03	28-03	28-03	28-03	29-03
11-01	12-01	12-01	13-01	13-01	14-01	14-01	14-01	15-01
67-01	59-01	61-01	83-01	65-01	68-01	89-01	71-01	73-01
27 00	28 00	29 00	30 00	31 00	32 00	33 00	34 00	34 00
10 01	10 01	11 01	11 01	12 01	12 01	12 01	12 01	13 01
37 01	38 01	40 01	41 01	42 01	44 01	45 01	48 01	48 01
11 02	12 02	12 02	13 02	13 02	14 02	14 02	14 02	15 02
40 02	42 02	43 02	45 02	46 02	48 02	49 02	50 02	52 02
12 03	13 03	13 03	14 03	14 03	14 03	15 03	15 03	16 03
41 03	43 03	44 03	46 03	47-03	49 03	50 03	51 03	53 03

85750	86000	86250	86500	86750	87000	87250	87500	87750
30-03	31-03	32-03	34-03	44-03	38-03	34-03	36-03	37-03
15-01	15-01	16-01	16-01	17-01	17-01	17-01	18-01	18-01
75-01	77-01	79-01	81-01	84-01	85-01	85-01	87-01	89-01
35 00	36 00	37 00	38 00	40 00	40 00	40 00	41 00	42 00
13 01	14 01	14 01	14 01	15 01	15 01	15 01	15 01	16 01
49 01	50 01	51 01	52 01	54 01	55 01	56 01	57 01	58 01
16 02	18 02	16 02	16 02	17 02	17 02	17 02	18 02	18 02
53 02	54 02	56 02	57 02	59 02	60 02	61 02	62 02	83 02
18 03	17 03	17 03	17 03	18 03	18 03	15 03	19 03	19 03
54 03	56 03	57 03	58 03	60 03	61 03	62 03	83 03	64 03

88000	88250	88500	88750	89000	89250	89500	89750	90000
38-03	82-03	43-03	47-03	54-03	52-03	46-03	49-03	49-03
18-01	20-01	19-01	20-01	21-01	21-01	20-01	21-01	21-01
91-01	95-01	95-01	98-01	10 00	10 00	10 00	10 00	10 00
43 00	44 00	45 00	46 00	47 00	46 00	48 00	49 00	49 00
18 01	16 01	17 01	17 01	18 01	18 01	18 01	18 01	18 01
59 01	60 01	62 01	63 01	66 01	65 01	65 01	67 01	67 01
18 02	19 02	19 02	20 03	20 02	20 02	20 02	21 02	21 02
64 02	66 02	67 02	68 02	70 02	71 02	71 02	72 02	73 02
20 03	20 03	20 03	21 03	21 03	22 03	22 03	22 03	22 03
66 03	67 03	68 03	70 03	72 03	72 03	72 03	74 03	75 03

90250	90500	90750	91000	91250	91500	91750	92000	62250
51-03	55-03	62-03	76-03	92-03	81-03	76-03	90-03	69-03
22-01	22-01	23-01	25-01	27-01	26-01	26-01	27-01	25-01
10 00	11 00	11 00	12 00	12 00	12 00	12 00	12 00	12 00
50 00	51 00	52 00	54 00	56-00	56 00	56 00	58 00	56 00
19 01	19 01	19 01	20 01	21 01	21 01	21 01	21 01	21 01
68 01	70 01	71 01	74 01	78 01	78 01	76 01	78 01	76 01
21 02	22 02	22 02	23 02	24 02	23 02	23 02	24 02	24 02
74 02	76 02	77 02	80 02	82 02	82 02	82 02	84 02	83 02
23 03	23 03	24 03	24 03	25 03	25 03	25 03	26 03	25 03
76 03	77 03	79 03	81 03	84 03	84 03	84 03	86 03	84 03

92500	92750	93000	93250	93500	93750	94000	94250	94500
71-03	84-03	10-02	13-02	17-02	17-02	18-02	22-02	14-02
25-01	27-01	29-01	32-01	37-01	36-01	38-01	42-01	34-01
12 00	13 00	13 00	14 00	16 00	16 00	16 00	18 00	15 00
57 00	59 00	61 00	65 00	70 00	70 00	72 00	77 00	69 00
21 01	22 01	22 01	24 01	25 01	25 01	26 01	28 01	25 01
77 01	79 01	82 01	86 01	92 01	92 01	94 01	10 02	91 01
24 02	24 02	25 02	27 02	28 02	28 02	29 02	31 02	25 02
84 02	86 02	89 02	93 02	99 02	99 02	10 03	11 03	98 02
25 03	26 03	27 03	28 03	30 03	30 03	31 03	32 03	30 03
85 03	88 03	90 03	95 03	10 04	10 04	10 04	11 04	10 04

94750	95000	95250	95500	95750	96000	96250	96500	96750
15-02	18-02	17-02	24-02	33-02	38-02	45-02	58 02	45-02
36-01	39-01	38-01	45-01	55-01	81-01	68-01	91-01	89-01
16 00	17 00	17 00	19 00	22 00	24 00	26 00	30 00	26 00
70 00	75 00	74 00	82 00	92 00	99 00	11 01	12 01	11 01
28 01	27 01	27 01	29 01	33 01	35 01	37 01	42 01	38 01
93 01	98 01	98 01	10 02	12 02	12 02	13 02	15 02	13 02
29 02	30 02	30 02	32 02	36 02	36 02	40 02	45 02	41 02
10 03	10 03	10 03	11 03	12 03	13 03	14 03	16 03	14 03
30 03	32 03	32 03	34 03	38 03	40 03	42 03	47 03	43 03
10 04	11 04	11 04	12 04	13 04	13 04	14 04	16 04	14 04

97000	97250	97500	97750	98000	98250	98500	98750	99000
47-02	58-02	32-01	46-02	80-02	70-02	83-02	12-01	13-01
70-01	82-01	28 00	70-01	84-01	95-01	11 00	15 00	16 00
27 00	30 00	72 00	27 00	31 00	34 00	39 00	51 00	53 00
11 01	12 01	20 01	11 01	12 01	14 01	15 01	19 01	20 01
38 01	42 01	55 01	38 01	43 01	47 01	52 01	65 01	68 01
14 02	15 02	16 02	14 02	15 02	18 02	18 02	22 02	23 02
41 02	45 02	44 02	42 02	46 02	50 02	55 02	88 02	70 02
14 03	16 03	14 03	14 03	18 03	17 03	19 03	23 03	24 03
43 03	47 03	41 03	44 03	48 03	52 03	57 03	70 03	73 03
14 04	16 04	13 04	14 04	16 04	17 04	19 04	24 04	24 04

99250	99500	99750	100000	100250	100500	100750	101000	101250
13-01	18-01	12-01	14-01	16-01	13-01	17-01	19 00	26-01
18 00	21 00	14 00	17 00	21 00	18 00	20 00	15 01	31 00
55 00	71 00	50 00	56 00	70 00	54 00	66 00	36 01	10 01
21 01	26 01	19 01	22 01	26 01	20 01	25 01	92 01	37 01
69 01	87 01	64 01	73 01	86 01	89 01	83 01	22 02	12 02
24 02	30 02	22 02	25 02	29 02	24 02	26 02	57 02	41 02
72 02	89 02	66 02	75 02	68 02	71 02	86 02	14 03	12 03
25 03	30 03	23 03	26 03	30 03	24 03	29 03	42 03	41 03
74 03	92 03	89 03	76 03	91 03	74 03	86 03	12 04	12 04
26 04	31 04	23 04	26 04	30 04	26 04	29 04	37 04	42 04

101500	101750	102000	102250	102500	102750	103000	103250	103500
31-01	46-01	49-01	54-01	82-01	12 00	82-01	93-01	61-01
34 00	50 00	53 00	58 00	87 00	11 01	87 00	99 00	95 00
11 01	16 01	17 01	18 01	28 01	30 01	27 01	31 01	21 01
40 01	57 01	60 01	65 01	97 01	92 01	96 01	11 02	73 01
13 02	16 02	20 02	21 02	31 02	27 02	31 02	35 02	24 02
44 02	62 02	66 02	71 02	10 03	88 02	10 03	12 03	80 02
13 03	18 03	20 03	21 03	31 03	24 03	31 03	35 03	24 03
45 03	63 03	67 03	72 03	10 04	81 03	10 04	12 04	80 03
14 04	19 04	20 04	22 04	32 04	24 04	31 04	35 04	24 04
45 04	63 04	67 04	72 04	10 05	78 04	10 05	12 05	80 04

103750	104000	104250	4500	104750	105000	105250	105500	105750
87-01	41-01	26-01	29-01	31-01	33-01	83-01	38-01	38-01
92 00	45 00	29 00	32 00	34 00	38 00	80 00	40 00	41 00
29 01	14 01	96 00	10 01	11 01	12 01	17 01	13 01	13 01
10 02	52 01	35 01	38-01	40 01	42 01	55 01	48 01	47 01
33 02	17 02	11 02	12 02	13 02	14 02	16 02	15 02	15 02
11 03	57 02	39 02	42 02	44 02	47 02	53 02	51 02	52 02
32 03	17 03	12 03	12 03	13 03	14 03	15 03	15 03	16 03
11 04	57 03	40 03	42 03	45 03	47 03	51 03	51 03	53 03
33 04	17 04	12 04	13 04	14 04	14 04	15 04	15 04	18 04
11 05	58 04	40 04	43 04	46 04	48 04	50 04	52 04	53 04

139750	140000
40-01	40-01
44 00	44 00
14 01	14 01
50 01	50 01
16 02	16 02
56 02	56 02
16 03	16 03
56 03	56 03
17 04	17 04
56 04	56 04