

Таблица коэффициентов поглощения для горячего воздуха при $T = 13000 \text{ K}$
 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	2250
0,001	44-04	99-05	41-05	32-05	16-05	11-05	79-06	69-06	46-06
0,01	40-02	90-03	38-03	20-03	15-03	10-03	72-04	54-04	41-04
0,03	30-01	68-02	29-02	15-02	11-02	76-03	64-03	41-03	32-03
0,1	23 00	52-01	22-01	12-01	84-02	57-02	41-02	31-02	24-02
0,3	12 01	26 00	11 00	59-01	42-01	29-01	21-01	16-01	13-01
1	56 01	12 01	52 00	38 00	20 00	14 00	99-01	74-01	58-01
3	21 02	46 01	19 01	10 01	76 00	61 00	37 00	28 00	21 00
10	81 02	18 02	77 01	41 01	30 01	20 01	14 01	11 01	84 00
30	00 00	62 02	26 02	14 02	10 02	69 01	50 01	37 01	29 01
100	00 00	00 00	10 03	57 02	40 02	27 02	23 02	15 02	12 02

2500	2750	3000	3250	3500	3750	4000	4250	4500	4750
36-06	29-06	24-06	39-06	17-06	20-06	12-06	11-06	94-07	89-07
33-04	27-04	22-04	35-04	15-04	18-04	11-04	97-05	85-05	80-05
25-03	20-03	17-03	27-03	12-03	13-03	86-04	74-04	65-04	61-04
19-02	15-02	12-02	21-02	89-03	98-03	85-03	56-03	49-03	46-03
95-02	17-02	64-02	10-01	45-02	48-02	33-02	28-02	25-02	24-02
46-01	37-01	31-01	50-01	22-01	18-01	16-01	14-01	12-01	11-01
17 00	14 00	12 00	16 00	82-01	68-01	59-01	51-01	45-01	43-01
87 00	55 00	46 00	66 00	34 00	30 00	24 00	21 00	18 00	18 00
23 01	19 01	16 01	21 01	12 01	97 00	83 00	72 00	85 00	64 00
92 01	75 01	62 01	52 01	44 01	38 01	33 01	30 01	37 01	27 01

5000	5250	5500	5750	6000	6250	6500	6750	7000
80-07	56-06	63-07	19-06	51-07	46-07	43-07	51-07	57-07
73-05	52-04	58-05	17-04	46-05	42-05	39-05	47-05	52-05
56-04	40-03	44-04	12-03	35-04	32-04	30-04	36-04	39-04
42-03	30-02	34-03	88-03	27-03	24-03	23-03	27-03	29-03
22-02	15-01	18-02	42-02	14-02	12-02	11-02	14-02	15-02
11-01	74-01	94-02	17-01	72-02	60-02	57-02	66-02	71-02
42-01	27 00	39-01	54-01	29-01	24-01	22-01	25-01	26-01
18 00	89 00	18 00	19 00	12 00	99-01	91-01	10 00	10 00
72 00	25 01	73 00	57 00	45 00	37 00	33 00	37 00	35 00
32 01	73 01	32 01	20 01	18 01	15 01	14 01	15 01	14 01

7250	7500	7750	8000	8250	8500	8750	9000	9250
54-07	86-07	46-07	33-06	10-08	36-07	23-06	32-07	88-07
49-05	59-05	42-05	21-04	96-05	33-05	31-04	29-05	80-05
37-04	44-04	32-04	16-03	74-04	25-04	15-03	22-04	62-04
28-03	33-03	24-03	12-02	56-03	19-03	11-03	16-03	47-03
14-03	16-02	12-02	63-02	29-02	96-03	54-03	84-03	24-02
67-02	76-02	58-02	30-01	14-01	46-02	25-01	41-02	12-01
25-01	28-01	21-01	11 00	50-01	17-01	90-01	16-01	44-01
97-01	11 00	84-01	42 00	20 00	67-01	34 00	70-01	17 00
33 00	36 00	29 00	13 01	65 00	24 00	11 01	28 00	60 00
13 01	12 01	12 01	45 01	24 01	97 00	34 01	13 01	20 01

9500	9750	10000	10250	10500	10750	11000	11250	11500
28-06	26-07	42-06	96-07	21-07	44-06	15-06	23-07	57-06
24-04	23-05	39-04	87-05	19-05	32-04	14-04	21-05	52-04
18-03	19-04	30-03	67-04	14-04	39-03	10-03	16-04	40-03
14-02	14-03	23-02	51-03	11-03	31-02	60-03	12-03	31-02
71-02	71-03	12-01	26-02	57-03	10-01	41-02	60-03	18-01
34-01	37-02	56-01	13-01	29-02	48-01	20-01	30-02	78-01
12 00	15-01	21 00	47-01	11-01	17 00	73-01	12-01	27 00
46 00	72-01	78 00	18 00	51-01	65 00	36 00	50-01	10 01
15 01	31 00	25 01	62 00	21 00	21 01	81 00	22 00	33 01
48 01	16 01	69 01	24 01	11 01	72 01	36 01	13 01	12 02

11750	12000	12250	12500	12750	13000	13250	13500	13750
16-06	14-07	31-06	10-06	36-06	11-07	10-07	13-06	12-07
14-04	13-05	28-04	87-05	31-04	10-05	96-06	12-04	10-05
98-04	99-05	22-03	63-04	22-03	77-05	73-05	92-04	79-05
68-03	75-04	16-02	44-03	15-02	58-04	55-04	71-03	58-04
32-02	39-03	64-02	21-02	72-02	31-03	29-03	36-02	31-03
14-01	20-02	40-01	93-02	32-01	16-02	15-02	17-01	16-02
51-01	83-02	15 00	33-01	11 00	66-02	63-02	64-01	58-02
20 00	39-01	55 00	12 00	42 00	32-01	30-01	24 00	28-01
67 00	16 00	17 01	40 00	14 01	14 00	13 00	79 00	12 00
26 01	92 00	61 01	13 01	49 01	74 00	69 00	27 01	59 00

14000	14250	14500	14750	15000	15250	15500	15750	16000
12-07	14-07	13-07	76-08	34-07	80-08	50-07	70-08	22-07
11-05	12-06	12-05	69-06	31-05	67-06	46-05	63-06	19-05
84-05	93-05	92-05	53-05	34-04	51-04	35-04	48-05	14-04
62-04	68-04	70-04	40-04	18-03	39-04	26-03	37-04	10-03
32-03	35-03	37-03	22-03	96-03	22-03	14-02	21-03	50-03
16-02	18-02	19-02	11-02	47-02	12-02	66-02	12-02	25-02
84-02	52-02	75-02	49-03	18-01	54-02	25-01	55-02	96-02
26-01	28-01	34-01	24-01	64-01	28-01	76-01	29-01	41-01
11 00	11 00	12 00	11 00	91 00	13 00	24 00	14 00	15 00
57 00	58 00	55 00	55 00	50 00	59 00	87 00	69 00	56 00

16250	16500	16750	17000	17250	17500	17750	18000	18250
30-07	68-08	10-07	79-08	75-08	26-07	82-08	78-08	77-08
26-05	62-06	78-06	72-06	68-06	83-06	74-06	70-06	70-06
19-04	47-05	58-05	55-05	52-05	54-05	56-05	53-05	52-05
14-03	36-04	44-04	42-04	39-04	39-04	42-04	40-04	39-04
66-03	20-03	24-03	23-03	22-03	42-03	22-03	21-03	21-03
27-02	11-02	13-02	12-02	11-02	11-02	12-02	11-02	11-02
91-02	50-02	54-02	50-02	46-02	46-02	49-02	47-02	47-02
36-01	25-01	26-01	24-01	23-01	22-01	23-01	23-01	23-01
13 00	11 00	11 00	11 00	10 00	13 00	10 00	10 00	10 00
54 00	53 00	55 00	55 00	54 00	53 00	54 00	54 00	54 00

18500	18750	19000	19250	19500	19750	20000	20250	20500
73-08	70-08	66-08	63-08	60-08	57-08	13-07	52-08	50-08
68-06	63-06	60-06	57-06	54-06	52-06	57-06	47-06	45-06
50-05	48-05	46-05	43-05	41-05	39-05	39-05	36-05	34-05
37-04	36-04	34-04	32-04	31-04	29-04	28-04	26-04	25-04
20-03	19-03	19-03	18-03	17-03	16-03	16-03	15-03	14-03
11-02	10-02	99-03	95-03	91-03	88-03	85-03	82-03	79-03
45-02	44-02	42-02	41-02	43-02	39-02	37-02	36-02	35-02
22-01	22-01	21-01	20-01	20-01	20-01	19-01	19-01	18-01
99-01	96-01	95-01	93-01	92-01	90-01	89-01	86-01	86-01
53 00	52 00	52 00	51 00	51 00	50 00	50 00	49 00	49 00

20750	21000	21250	21500	21750	22000	22250	22500	22750
60-08	45-08	43-08	41-08	19-07	38-08	36-08	52-08	33-08
44-06	41-06	39-06	37-06	50-06	34-06	33-06	33-06	30-06
33-05	31-05	30-05	23-05	31-05	25-05	25-05	24-05	23-05
24-04	23-04	22-04	21-04	21-04	19-04	18-04	18-04	17-04
14-03	13-03	13-03	12-03	12-03	11-03	11-03	11-03	10-03
76-03	74-03	71-03	63-03	68-03	65-03	63-03	61-03	60-03
34-02	33-02	32-02	32-02	31-02	30-02	30-02	29-02	28-02
18-01	18-01	17-01	17-01	17-01	16-01	18-01	16-01	16-01
85-01	84-01	83-01	82-01	81-01	81-01	80-01	79-01	78-01
48 00	48 00	48 00	47 00	47 00	47 00	46 00	46 00	46 00

23000	23250	23500	23750	24000	24250	24500	24750	25000
43-08	31-08	15-07	33-07	29-08	12-07	27-08	26-08	12-07
38-06	26-06	15-05	30-05	26-06	11-05	24-06	23-06	31-06
29-05	21-05	12-04	23-04	20-05	85-05	18-05	18-05	20-05
21-04	16-04	88-04	18-03	15-04	65-04	14-04	13-04	14-04
12-03	97-04	47-03	92-03	93-04	35-03	89-04	84-04	83-04
68-03	57-03	24-02	45-02	56-03	18-02	55-03	51-03	50-03
31-02	28-02	93-02	17-01	28-02	71-02	28-02	25-02	25-02
15-01	16-01	41-01	70-01	16-01	27-01	18-01	15-01	14-01
77-01	79-01	16 00	25 00	82-01	11 00	84-01	75-01	73-01
46 00	47 00	72 00	93 00	48 00	46 00	45 00	44 00	44 00

25250	25500	25750	26000	26250	26500	26750	27000	27250
35-08	26-08	25-08	30-08	23-08	22-08	22-08	21-08	20-08
31-06	23-06	22-06	22-06	21-06	20-06	20-06	19-06	19-06
23-05	18-05	17-05	17-05	16-05	15-05	15-05	14-05	14-05
17-04	13-04	13-04	12-04	12-04	12-04	11-04	11-04	11-04
10-03	84-04	82-04	80-04	78-04	78-04	76-04	74-04	72-04
58-03	51-03	52-03	50-03	49-03	48-03	46-03	45-03	44-03
27-02	25-02	26-02	25-02	24-02	24-02	23-02	23-02	23-02
15-01	14-01	15-01	15-01	14-01	14-01	14-01	14-01	14-01
72-01	74-01	78-01	77-01	75-01	74-01	73-01	72-01	71-01
44 00	45 00	47 00	47 00	46 00	45 00	45 00	44 00	44 00

27500	27750	28000	28250	28500	28.75	29000	29250	29500
20-08	22-08	19-08	18-08	19-08	19-08	16-08	18-08	17-08
18-06	18-06	17-06	17-06	17-06	17-06	16-06	16-06	16-06
14-05	14-05	13-05	13-05	13-05	13-05	12-05	12-05	12-05
10-04	10-04	98-05	96-05	10-04	97-05	95-05	92-05	90-05
71-04	69-04	66-04	67-04	69-04	68-04	67-04	66-04	65-04
44-03	43-03	44-03	46-03	49-03	46-03	44-03	43-03	42-03
22-02	22-02	23-02	24-02	25-02	24-02	23-02	23-02	23-02
13-01	13-01	14-01	15-01	15-01	15-01	14-01	14-01	14-01
70-01	69-01	74-01	81-01	84-01	80-01	77-01	74-01	73-01
43 00	43 00	46 00	50 00	53 00	50 00	48 00	46 00	45 00

29750	30000	30250	30500	30750	31000	31250	31500	31750
17-08	18-08	18-08	16-08	15-08	15-08	15-08	14-08	14-08
15-06	15-06	14-06	14-06	14-06	14-06	13-06	13-06	13-06
12-05	12-05	11-05	11-05	11-05	10-05	10-05	99-06	97-06
88-05	87-05	84-05	82-05	82-05	80-05	78-05	77-05	75-05
64-04	63-04	62-04	61-04	60-04	59-04	53-04	58-04	57-04
42-03	42-03	42-03	45-03	43-03	42-03	40-03	40-03	39-03
23-02	22-02	22-02	24-02	23-02	22-02	21-02	21-02	20-02
14-01	14-01	14-01	15-01	15-01	14-01	13-01	13-01	13-01
74-01	74-01	74-01	82-01	79-01	75-01	73-01	70-01	72-01
47 00	47 00	47 00	52 00	50 00	47 00	46 00	44 00	46 00

32000	32250	32500	32750	33000	33250	33500	33750	34000
14-08	14-08	13-08	13-08	13-08	12-08	12-08	12-08	12-08
12-06	12-06	12-06	12-06	12-06	11-06	11-06	11-06	11-06
96-06	93-06	92-06	90-06	88-06	87-06	86-06	84-06	83-06
74-05	72-05	71-05	63-05	68-05	69-05	68-06	67-05	66-05
56-04	55-04	54-04	54-04	55-04	54-04	54-04	53-04	53-04
33-03	33-03	37-03	37-03	36-03	36-03	36-03	36-03	35-03
20-02	20-02	20-02	19-02	19-02	19-02	19-02	20-02	19-02
13-01	13-01	13-01	12-01	12-01	12-01	12-01	12-01	12-01
73-01	70-01	70-01	68-01	67-01	66-01	65-01	66-01	68-01
43 00	46 00	46 00	44 00	43 00	42 00	42 00	43 00	45 00

34250	34500	34750	35000	35250	35500	35750	36000	36250
12-08	12-08	11-08	11-08	11-08	11-08	11-08	11-08	11-08
11-06	10-06	10-06	10-06	10-06	10-06	99-07	98-07	97-07
82-06	81-06	80-06	78-06	78-06	76-06	76-06	75-06	74-06
65-05	64-05	63-05	62-05	62-05	61-05	60-03	60-05	59-05
52-04	52-04	52-04	51-04	51-04	50-04	50-04	50-04	49-04
35-03	35-03	34-03	34-03	34-03	34-03	34-03	34-03	33-03
19-02	19-02	19-02	20-02	20-02	20-02	20-02	19-02	19-02
12-01	12-01	12-01	12-01	12-01	12-01	12-01	11-01	12-01
66-01	66-01	65-01	64-01	63-01	63-01	63-01	63-01	62-01
44 00	43 00	42 00	41 00	40 00	40 00	40 00	40 00	40 00

38750	39000	39250	39500	39750	40000	40250	40500	40750
97-09	96-09	96-09	95-09	12-08	94-09	93-09	93-09	92-09
89-07	88-07	87-07	86-07	88-07	85-07	85-07	84-07	84-07
70-06	69-06	69-06	68-06	68-06	68-06	67-06	67-06	66-06
55-05	56-05	56-05	55-05	55-05	55-05	54-05	54-05	54-05
47-04	46-04	46-04	46-04	46-04	47-04	47-04	47-04	47-04
33-03	33-03	33-03	33-03	33-03	33-03	32-03	32-03	32-03
19-02	19-02	19-02	19-02	19-02	19-02	13-02	18-02	18-02
12-01	12-01	12-01	12-01	12-01	11-01	11-01	11-01	11-01
64-01	64-01	63-01	63-01	63-01	63-01	63-01	63-01	63-01
33 00	38 00	38 00	38 00	38 00	38 00	39 00	38 00	38 00

47750	48000	48250	48500	48750	49000	49250	49500	49750
82-09	81-09	81-09	81-09	81-09	80-09	80-09	80-09	80-09
75-07	75-07	75-07	74-07	74-07	74-07	74-07	74-07	73-07
62-06	62-06	62-06	62-06	62-06	61-06	61-06	61-06	61-06
52-05	52-05	52-05	51-05	51-05	51-05	51-05	51-05	51-05
45-04	45-04	45-04	45-04	44-04	44-04	44-04	44-04	44-04
32-03	32-03	32-03	32-03	32-03	32-03	32-03	32-03	32-03
18-02	18-02	18-02	18-02	18-02	18-02	18-02	18-02	18-02
11-01	11-01	11-01	11-01	11-01	11-01	11-01	11-01	11-01
63-01	62-01	62-01	62-01	63-01	66-01	65-01	66-01	67-01
40 00	40 00	40 00	40 00	41 00	41 00	41 00	42 00	42 00

50000	50250	50500	50750	51000	51250	51500	51750	52000
80-09	80-09	80-09	79-09	79-09	79-09	78-09	78-09	78-09
74-07	74-07	74-07	73-07	73-07	73-07	73-07	72-07	72-07
61-06	61-06	61-06	61-06	60-06	60-06	60-06	60-06	60-06
51-05	51-05	51-05	51-05	51-05	51-05	51-05	51-05	51-05
44-04	44-04	44-04	44-04	45-04	45-04	45-04	45-04	46-04
32-03	32-03	32-03	32-03	32-03	32-03	32-03	33-03	33-03
18-02	18-02	18-02	18-02	18-02	19-02	18-02	18-02	18-02
11-01	11-01	11-01	11-01	11-01	11-01	11-01	12-01	12-01
66-01	66-01	67-01	67-01	67-01	67-01	68-01	68-01	68-01
42 00	41 00	42 00	42 00	42 00	42 00	43 00	43 00	43 00

52250	52500	52750	53000	53250	53500	53750	54000	54250
78-09	78-09	77-09	77-09	77-09	76-09	76-09	76-09	76-09
72-07	72-07	72-07	72-07	71-07	71-07	71-07	71-07	70-07
60-06	60-06	60-06	60-06	61-06	60-06	60-06	60-06	60-06
52-05	52-05	52-05	53-05	53-05	53-05	54-05	54-05	54-05
46-04	46-04	46-04	45-04	48-04	46-04	47-04	47-04	47-04
33-03	34-03	34-03	34-03	34-03	34-03	34-03	34-03	35-03
18-02	18-02	18-02	18-02	18-02	19-02	19-02	19-02	19-02
12-01	12-01	12-01	12-01	12-01	13-01	13-01	13-01	13-01
68-01	69-01	69-01	69-01	69-01	70-01	70-01	70-01	71-01
43 00	44 00	44 00	44 00	44 00	45 00	45 00	45 00	45 00

54500	54750	55000	55250	55500	55750	56000	<u>56250</u>	<u>56500</u>
76-09	75-09	75-09	75-09	75-09	74-09	74-09	74-09	74-09
71-07	71-07	71-07	71-07	70-07	71-07	71-07	71-07	72-07
60-06	61-06	61-06	61-06	61-06	61-06	63-06	86-06	67-06
54-05	55-05	58-05	58-05	57-05	58-05	60-05	62-05	67-05
48-04	48-04	48-04	49-04	50-04	51-04	52-04	55-04	61-04
35-03	35-03	38-03	37-03	38-03	40-03	41-03	44-03	50-03
20-02	20-02	21-02	22-02	22-02	23-02	24-02	26-02	35-02
13-01	13-01	13-01	14-01	14-01	15-01	16-01	17-01	21-01
71-01	73-01	75-01	78-01	80-01	85-01	89-01	98-01	12 00
<u>45 00</u>	<u>47 00</u>	<u>49 00</u>	<u>51 00</u>	<u>62 00</u>	<u>57 00</u>	<u>60 00</u>	<u>66 00</u>	<u>81 00</u>

56750	57000	57250	57500	57750	58000	58250	58500	58750
74-09	75-09	31-04	82-09	74-09	72-09	72-09	72-09	71-09
74-07	84-07	28-02	15-06	80-07	73-07	71-07	70-07	89-07
72-06	92-06	22-01	24-05	86-06	70-06	66-06	65-06	64-06
78-05	12-04	17 00	43-04	11-04	77-05	68-05	64-05	62-05
74-04	12-03	65 00	48-03	11-03	71-04	82-04	57-04	55-04
64-03	12-02	41 01	50-02	10-02	60-03	49-03	44-03	42-03
40-02	78-02	15 02	35-01	66-02	38-02	30-02	26-02	25-02
26-01	56-01	56 02	27 00	46-01	27-01	21-01	18-01	16-01
16 00	34 00	48 03	16 01	29-00	16 00	12 00	10 00	94-01
11 01	24 01	60 03	12 02	20 01	11 01	83 00	71 00	64 00

59000	59250	59500	59750	60000	60250	60500	60750	61000
71-09	71-09	71-09	70-09	70-09	70-09	70-09	70-09	69-09
69-07	69-07	68-07	68-07	68-07	68-07	68-07	68-07	68-07
64-06	63-06	63-06	63-06	62-06	63-06	63-06	63-06	64-06
61-05	61-05	60-05	60-05	61-05	61-05	61-05	62-05	62-05
64-04	53-04	53-04	53-04	53-04	53-04	53-04	63-04	53-04
41-03	40-03	40-03	40-03	40-03	40-03	40-03	40-03	40-03
24-02	23-02	23-02	23-02	23-02	23-02	23-02	23-02	23-02
16-01	15-01	15-01	15-01	15-01	15-01	15-01	15-01	15-01
89-01	86-01	85-01	85-01	86-01	86-01	86-01	86-01	86-01
60 00	57 00	57 00	67 00	53 00	59 00	59 00	59 00	59 00

61250	61500	61750	62000	62250	62500	62750	63000	63250
69-09	69-09	68-09	68-09	68-09	68-09	68-09	68-09	67-09
66-07	67-07	67-07	67-07	68-07	68-07	67-07	66-07	69-07
64-06	64-06	64-06	64-06	65-06	65-06	65-06	65-06	66-06
62-05	63-06	63-05	63-06	64-05	64-05	65-05	66-05	66-05
54-04	54-04	54-04	55-04	55-04	66-04	56-04	56-04	57-04
41-03	42-03	42-03	42-03	43-03	43-03	44-03	44-03	45-03
23-02	23-02	23-02	23-02	24-02	24-02	24-02	25-02	26-02
15-01	15-01	15-01	15-01	16-01	16-01	16-01	16-01	17-01
86-01	86-01	88-01	87-01	87-01	89-01	91-01	95-01	98-01
58 00	68 00	57 00	58 00	58 00	59 00	61 00	64 00	68 00

63500	63750	64000	64250	64500	64750	65000	65250	65500
67-09	67-09	66-09	66-09	66-09	66-09	66-09	65-09	65-09
69-07	69-07	69-07	70-07	70-07	70-07	71-07	72-07	73-07
67-06	67-06	69-06	69-06	69-06	70-06	72-06	74-06	78-06
67-05	68-05	70-06	71-05	73-05	75-05	76-05	83-05	90-05
60-04	59-04	61-04	62-04	64-04	67-04	70-04	75-04	83-04
46-03	47-03	48-03	50-03	52-03	55-03	58-03	64-03	72-03
26-02	27-02	28-02	28-02	30-02	32-02	34-02	38-02	44-02
17-01	18-01	19-01	19-01	20-01	22-01	24-01	27-01	32-01
99-01	10 00	10 00	11 00	12 00	12 00	14 00	16 00	16 00
66 00	69 00	71 00	74 00	78 00	86 00	97 00	11 01	13 01

65750	66000	66250	66500	66750	67000	67250	67500	67750
66-09	66-09	67-09	70-09	90-09	18-03	79-09	68-09	65-09
75-07	79-07	89-07	12-06	30-06	17-01	20-06	11-06	86-07
83-06	92-06	11-05	17-05	66-05	13 00	35-05	15-05	11-05
10-04	12-04	16-04	29-04	11-03	13 01	68-04	24-04	15-04
95-04	12-03	17-03	32-03	13-02	51 01	76-03	26-03	15-03
85-03	11-02	16-02	33-02	14-01	24 02	80-02	26-02	15-02
53-02	71-02	11-01	23-01	97-01	89 02	57-01	18-01	98-02
39-01	63-01	84-01	18 00	76 06	33 03	44 00	14 00	74-01
23 00	32 00	61 00	11 01	48 01	11 04	28 01	86 00	45 00
16 01	23 01	37 01	81 01	36 02	36 04	21 02	61 01	33 01

68000	68250	68500	68750	69000	69250	69500	69750	70000
64-09	64-09	62-09	62-09	62-09	62-09	62-09	61-09	62-09
79-07	76-07	74-07	72-07	72-07	71-07	72-07	72-07	72-07
92-06	85-06	81-06	79-06	78-06	78-06	78-06	78-06	79-06
12-04	10-04	96-05	91-05	89-05	88-05	88-05	88-05	90-05
12-03	97-04	88-04	83-04	60-04	78-04	77-04	78-04	60-04
10-02	86-03	77-03	71-03	67-03	65-03	65-03	65-03	67-03
66-02	64-02	46-02	42-02	39-02	37-02	37-02	37-02	39-02
50-01	39-01	33-01	30-01	27-01	26-01	26-01	26-01	27-01
30 00	23 00	19 00	17 00	16 00	15 00	14 00	14 00	15 00
22 01	16 01	14 01	12 01	11 01	10 01	10 01	10 01	11 01

70250	70500	70750	71000	71250	71500	71750	72000	72250
62-09	62-09	68-05	63-09	61-09	60-09	60-09	60-09	60-09
74-07	76-07	80-03	93-07	78-07	74-07	73-07	73-07	73-07
82-06	91-06	62-02	12-05	07-05	83-06	82-06	83-06	84-06
98-05	12-04	48-01	18-04	11-04	10-04	98-05	09-05	10-04
68-04	11-03	24 00	10-03	99-04	90-04	66-04	66-04	68-04
72-03	99-03	12 01	18-02	67-03	76-03	73-03	73-03	73-03
44-02	61-02	42 01	12-01	02-02	43-02	41-02	41-02	41-02
31-01	44-01	10 02	94-01	37-01	30-01	29-01	20-01	29-01
17 00	28 00	51 02	57 00	22 00	17 00	16 00	10 00	18 00
12 01	19 01	17 03	43 01	15 01	12 01	11 01	11 01	11 01

72500	72750	73000	73250	73500	73750	74000	74250	74500
60-09	59-09	59-09	59-09	59-09	58-09	58-09	58-09	58-09
73-07	74-07	74-07	75-07	75-07	78-07	78-07	80-07	81-07
85-06	88-00	88-06	89-06	91-06	94-06	96-06	99-06	10-05
10-04	10-04	11-04	11-04	11-04	12-04	12-04	13-04	13-04
90-04	92-04	94-04	97-04	10-03	10-03	11-03	11-03	12-03
75-03	76-03	79-03	81-03	84-03	98-03	92-03	99-03	11-02
42-02	43-02	44-02	46-02	40-02	80-02	53-02	57-02	63-02
29-01	31-01	32-01	33-01	34-01	30-01	38-01	41-01	45-01
17 00	17 00	18 00	16 00	19 00	20 00	21 00	23 00	90 00
12 01	12 01	13 01	13 01	13 01	14 01	15 01	17 01	10 01

74750	75000	75250	75500	75750	76000	76250	76500	76750
57-09	57-09	18-05	61-09	11-04	68-09	19-04	79-09	98-04
84-07	89-07	16-03	14-06	10-02	19-06	17-02	28-06	86-02
11-05	12-05	13-02	22-05	81-02	34-05	13-01	53-05	81-01
15-04	17-04	97-02	38-04	82-01	64-04	10 00	98-04	42 00
13-03	16-03	50-01	41-03	32 00	69-03	62 00	10-02	19 01
12-02	15-02	24 00	41-02	15 01	71-02	25 01	11-01	86 01
72-02	91-02	67 00	28-01	56 01	49-01	91 01	74-01	30 02
52-01	67-01	33 01	21 00	21 02	37 00	34 02	56 00	11 03
30 00	39 00	11 02	13 01	67 02	23 01	11 03	35 01	35 03
22 01	26 01	38 02	90 01	23 03	16 02	38 03	25 02	12 04

77000	77250	77500	77750	78000	78250	78500	78750	79000
64-09	57-09	58-09	57-09	58-09	58-09	58-09	57-08	58-09
10-06	11-06	10-06	10-06	10-06	10-06	11-06	11-08	11-06
26-05	17-05	15-05	15-05	15-05	15-05	16-05	17-05	18-05
42-04	25-04	22-04	21-04	21-04	22-04	23-04	25-04	27-04
42-03	24-03	21-03	20-03	20-03	21-03	22-03	23-03	25-03
40-02	23-02	18-02	18-02	18-02	19-02	20-02	21-02	23-02
27-01	14-01	12-01	11-01	11-01	11-01	12-01	13-01	14-01
20 00	10 00	84-01	79-01	79-01	82-01	86-01	94-01	10 00
12 01	82 00	49 00	40 00	40 00	48 00	52 00	55 00	62 00
91 01	48 01	30 01	33 01	33 01	35 01	30 01	40 01	45 01

79250	79500	79750	80000	80250	80500	80750	81000	81250
60-09	61-09	63-09	69-09	11-08	16-03	80-09	77-09	15-05
12-06	13-06	15-06	20-06	54-06	16-01	30-06	27-06	14-03
19-05	22-05	26-05	36-05	11-04	13 00	59-05	52-05	11-02
30-04	34-04	42-04	65-04	22-03	96 00	11-03	90-04	83-02
28-03	34-03	43-03	68-03	25-02	80 01	12-02	10-02	43-01
27-02	32-02	42-02	69-02	26-01	24 02	12-01	10-01	21 00
18-01	20-01	27-01	47-01	19 00	87 02	87-01	71-01	83 00
12 00	15 00	21 00	36 00	15 01	32 03	67 00	54 00	32 01
73 00	90 00	12 01	22 01	93 01	13 04	42 01	32 01	12 02
53 01	88 01	93 01	17 02	70 02	35 04	31 02	23 02	50 02

81500	81750	82000	82250	82500	82750	83000	83250	83500
10-04	12-08	94-09	11-05	89-09	11-08	17-06	19-02	54-06
97-03	71-06	42-06	95-04	39-06	56-06	12-05	16 00	44-05
75-02	14-04	83-05	68-03	77-05	11-04	24-04	14 01	94-04
58-01	29-03	15-03	47-02	14-03	22-03	50-03	10 02	20-02
54 00	33-02	10-02	22-01	16-02	24-02	58-02	53 02	24-01
14 01	34-01	17-01	11 00	18-01	26-01	64-01	25 03	27 00
52 01	23 00	11 00	42 00	12 00	19 00	48 00	93 03	21 01
10 02	17 01	05 00	12 01	94 00	18 01	42 01	35 04	18 02
42 02	98 01	50 01	60 01	62 01	11 02	30 02	11 05	13 03
12 03	07 02	35 02	39 02	51 02	11 03	28 03	38 06	12 04

83750	84000	84250	84500	84750	85000	85250	84500	85750
33-08	62-05	45-08	19-08	19-08	23-04	44-06	59-04	55-06
25-05	57-03	38-05	13-05	13-05	21-02	51-04	54-02	45-05
53-04	44-02	75-04	27-04	27-04	10-01	54-03	41-01	94-04
11-02	30-01	15-02	53-03	52-03	12 00	65-02	31 00	10-02
12-01	13 00	16-01	57-02	55-02	64 00	40-01	10 01	16-01
12 00	53 00	14 00	58-01	50-01	31 01	10 00	75 01	16 00
69 00	13 01	01 00	31 00	27 00	11 02	49 00	27 02	70 00
41 01	36 01	22 01	20 01	22 01	43 02	22 01	10 03	44 01
25 02	13 02	05 01	83 01	91 01	14 03	01 01	33 03	23 02
20 03	90 02	50 02	40 02	51 02	48 03	49 02	11 04	14 03

86000	86250	86500	86750	87000	87250	87500	87750	88000
16-04	22-05	13-07	29-04	11-05	10-05	10-05	10-05	10-05
14-02	21-03	11-04	25-02	66-04	94-04	94-04	94-04	96-04
11-01	12-02	21-03	18-01	60-03	60-03	60-03	60-03	64-03
87-01	75-02	48-02	12 00	47-02	46-02	46-02	47-02	55-02
44 00	24-01	24-01	56 00	45-01	24-01	24-01	25-01	24-01
22 01	12 00	12 00	25 01	13 00	12 00	12 00	13 00	23 00
79 01	40 00	47 00	87 01	11 00	46 00	47 00	54 00	13 01
30 02	20 01	20 01	32 02	23 01	10 01	20 01	26 01	90 01
97 02	75 01	79 01	10 03	84 01	75 01	82 01	12 02	56 02
34 03	30 02	30 02	30 03	40 02	36 02	43 02	76 02	44 03

88.25	88500	88750	89000	89250	89500	89750	90000	90250
72-03	10-05	10-05	10-05	10-05	10-05	10-05	10-05	10-05
88-01	94-04	94-04	94-04	94-04	94-04	94-04	94-04	94-04
50 00	60-03	60-03	60-03	60-03	60-03	60-03	60-03	60-03
39 01	47-02	41-02	46-02	46-02	46-02	46-02	47-02	47-02
20 02	25-01	24-01	24-01	24-01	24-01	24-01	24-01	25-01
95 02	13 00	12 00	12 00	12 00	12 00	12 00	19 00	12 00
34 03	55 00	48 00	46 00	45 00	45 00	46 00	47 00	49 00
13 04	27 01	21 01	19 01	19 01	19 01	19 01	20 01	21 01
41 04	13 03	84 01	72 01	69 01	68 01	69 01	73 01	81 01
14 05	82 02	44 02	34 02	30 02	29 02	30 02	32 02	36 02

90500	90750	91000	91250	91500	91750	92000	92250	92500
10-05	10-05	10-05	65-04	10-05	10-05	10-05	12 00	10-05
94-04	95-04	99-04	50-02	95-04	95-04	96-04	12 01	95-04
60-03	61-03	70-03	28-01	62-03	61-03	62-03	33 01	62-03
48-02	49-02	69-02	30 00	50-02	49-02	49-02	92 01	50-02
25-01	27-01	50-01	15 01	28-01	26-01	28-01	31 02	28-01
13 00	15 00	39 00	72 01	16 00	14 00	14 00	47 02	15 00
84 00	69 00	23 01	26 02	74 00	60 00	58 00	92 02	66 00
24 01	36 01	15 02	54 02	39 01	28 01	27 01	48 03	31 01
10 02	16 02	76 02	15 03	18 02	12 02	10 02	34 03	11 02
48 02	86 02	34 03	42 03	94 02	54 02	44 02	73 03	96 02

92750	93000	93250	93500	93750	94000	94250	94500	<u>94750</u>
10-05	10-05	10-05	10-05	26-04	10-05	10-05	10-05	78-05
95-04	96-04	99-04	12-03	26-02	10-03	99-04	10-03	73-03
62-03	64-03	70-03	12--02	20-01	76-03	70-03	73-03	58-02
52-02	85-02	67-02	17-01	11 00	70-02	66-02	72-02	49-01
29-01	34-01	47-01	16 00	46 00	59-01	44-01	50-01	28 00
17 00	21 00	34 00	10 01	16 01	44 00	30 00	33 00	14 01
78 00	10 01	17 01	36 01	43 01	21 01	14 01	23 01	55 01
37 01	48 01	68 01	94 01	86 01	86 01	86 01	86 01	21 02
13 02	27 02	28 02	28 02	28 02	28 02	28 02	28 02	66 02
96 02	96 02	96 02	96 02	96 02	96 02	97 02	97 02	23 03

95000	95250	95500	95750	96000	96250	96500	96750	97000
17-04	10-05	10-05	11-04	11-05	77-05	12-05	53-05	53-05
16-02	12-03	12-03	10-02	15-03	53-03	21-03	49-03	49-03
11-01	11-02	10-02	47-02	18-02	31-02	33-02	33-02	33-02
66-01	14-01	12-01	32-01	26-01	26-01	26-01	26-01	26-01
28 00	10 00	78-01	13 00	13 00	13 00	13 00	13 00	13 00
62 00	62 00	62 00	62 00	62 00	62 00	62 00	62 00	63 00
23 01	23 01	23 01	23 01	23 01	23 01	23 01	23 01	23 01
85 01	86 01	86 01	86 01	86 01	86 01	86 01	86 01	87 01
29 02	28 02	28 02	28 02	28 02	28 02	28 02	28 02	26 02
98 02	97 02	97 02	97 02	98 02	96 02	98 02	99 02	10 03

99500	99750	100000	100250	100500	100750	101000	101250	101500
53-05	53-05	16-04	53-05	53-05	53-05	19-03	53-05	53-05
49-03	49-03	14-02	49-03	49-03	49-03	18-01	49-03	49-03
33-02	33-02	10-01	33-02	33-02	34-02	11 00	34-02	33-02
26-01	26-01	71-01	26-01	26-01	26-01	78 00	26-01	26-01
13 00	13 00	34 00	13 00	13 00	13 00	36 01	14 00	13 00
63 00	63 00	16 01	64 00	64 00	65 00	16 02	70 00	64 00
23 01	23 01	55 01	24 01	24 01	25 01	56 02	28 01	24 01
88 01	90 01	19 02	96 01	92 01	10 02	21 03	12 02	95 01
29 02	30 02	55 02	33 02	31 02	36 02	63 03	50 02	33 02
10 03	11 03	17 03	13 03	12 03	16 03	18 04	25 03	13 03

101750	102000	102250	102500	102750	103000	103250	103500	103750
53-05	53-05	53-05	53-05	64-04	53-05	53-05	53-06	53-05
49-03	49-03	49-03	49-03	58-02	49-03	49-03	49-03	49-03
33-02	33-02	33-02	34-02	41-01	34-02	34-02	33-02	34-02
26-01	26-01	26-01	26-01	28 00	27-01	26-01	26-01	26-01
13 00	13 00	13 00	13 00	13 01	14 00	13 00	13 00	13 00
64 00	64 00	64 00	67 00	59 01	76 00	66 00	65 00	65 00
24 01	24 01	24 01	25 01	21 02	32 01	25 01	24 01	24 01
92 01	92 01	94 01	10 02	59 02	15 02	10 02	96 01	96 01
31 02	31 02	32 02	38 02	16 03	62 02	37 02	34 02	34 02
12 03	12 03	13 03	16 03	44 03	27 03	15 03	14 03	14 03

104000	104250	104500	104750	105000	105250	105500	105750	106000
53-05	53-05	14-03	53-05	26-03	36-04	54-05	53-05	53-05
49-03	49-03	12-01	49-03	26-01	35-02	61-03	49-03	49-03
34-02	34-02	96-01	34-02	20 00	23-01	31-02	35-02	34-02
26-01	26-01	74 00	28-01	15 01	13 00	31-01	28-01	97-01
13 00	14 00	38 01	15 00	78 01	81 00	22 00	15 00	15 00
66 00	66 00	18 02	84 00	37 02	19 01	14 01	82 00	77 00
25 01	26 01	66 02	36 01	14 03	53 01	44 01	33 01	30 01
99 01	11 02	25 03	18 02	51 03	15 02	14 02	14 02	14 02
35 02	46 02	79 03	86 02	16 04	55 02	48 02	47 02	46 02
18 03	26 03	26 04	46 03	56 04	24 03	19 03	18 03	18 03

106250	106500	106750	107000	107250	107500	107750	108000	108250
53-05	53-05	31-04	53-05	54-05	17-04	54-05	13-04	55-06
50-03	52-03	28-02	61-03	52-03	15-02	63-03	10-02	53-03
35-02	40-02	18-01	37-02	39-02	89-02	43-02	63-02	60-02
28-01	36-01	11 00	32-01	34-01	56-01	44-01	44-01	44-01
16 00	21 00	46 00	18 00	18 00	22 00	22 00	22 00	22 00
81 00	96 00	17 01	10 01	10 01	10 01	10 01	10 01	10 01
36 01	36 01	61 01	37 01	36 01	36 01	36 01	36 01	37 01
14 02	14 02	21 02	14 02	14 02	14 02	14 02	14 02	14 02
46 02	47 02	64 02	50 02	47 02	47 02	47 02	47 02	54 02
18 03	18 03	19 03	18 03	18 03	20 03	20 03	20 03	20 03

108500	108750	109000	109250	109500	109750	110000	110250	101500
10-04	10-04	10-04	16 00	10-04	10-04	10-04	22-03	10-04
92-03	92-03	92-03	15 01	92-03	92-03	92-03	20-01	94-03
60-02	60-02	60-02	42 01	60-02	60-02	61-02	16 00	65-02
44-01	44-01	44-01	12 02	44-01	44-01	45-01	12 01	54-01
22 00	22 00	22 00	28 02	22 00	22 00	23 00	61 01	23 00
10 01	10 01	10 01	62 02	10 01	11 01	12 01	29 02	14 01
37 01	37 01	38 01	12 03	39 01	47 01	33 01	11 03	13 02
14 02	14 02	17 02	25 03	18 02	19 02	24 02	20 03	76 02
55 02	56 02	57 02	49 03	62 02	70 02	98 02	59 03	36 03
21 03	21 03	22 03	10 04	15 03	30 03	46 03	17 04	15 04

110750	111000	111250	111500	111750	112000	112250	112500	112750
10-04	10-04	10-04	10-04	10-04	12-04	12-04	12-04	12-04
92-03	92-03	92-03	92-03	92-03	10-02	13-02	11-02	12-02
60-02	60-02	60-02	61-02	69-02	70-02	73-02	73-02	99-02
45-01	44-01	51-01	51-01	52-01	52-01	54-01	60-01	11 00
23 00	26 00	26 00	26 00	26 00	27 00	29 00	35 00	87 00
13 01	13 01	13 01	13 01	13 01	14 01	16 01	21 01	54 01
54 01	49 01	43 01	50 01	55 01	47 01	67 01	94 01	17 02
25 02	21 02	20 02	21 02	22 02	24 02	29 02	37 02	49 02
10 03	76 02	72 02	72 02	76 02	82 02	14 03	14 03	14 03
47 03	32 03	28 03	49 03	49 03	49 03	43 03	48 03	49 03

113000	113250	113500	113750	114000	114250	114500	114750	115000
12-03	12-04	12-04	13-03	12-04	75-04	12-04	12-04	51-04
11-01	11-02	10-02	11-01	11-02	68-02	41-02	11-02	47-02
84-01	74-02	73-02	81-01	84-02	46-01	89-02	84-02	24-01
43 00	63-01	59-01	55 00	81-01	29 00	89-01	73-01	14 00
18 01	38 00	34 00	26 01	53 00	12 01	58 00	46 00	66 00
35 01	24 01	20 01	02 02	26 01	32 01	32 01	31 01	31 01
19 02	11 02	84 01	47 02	13 02	12 02	12 02	11 02	11 02
44 02	44 02	46 02	14 03	54 02	45 02	44 02	43 02	43 02
14 03	14 03	15 03	39 03	20 03	15 03	14 03	14 03	14 03
50 03	52 03	58 03	12 04	80 03	55 03	51 03	50 03	49 03

122000	122250	122500	122750	123000	123250	123500	123750	124000
28-04	28-04	28-04	28-04	28-04	82-04	28-04	28-04	28-04
26-02	26-02	26-02	26-02	26-02	17-02	26-02	26-02	26-02
17-01	17-01	17-01	17-01	17-01	51-01	18-01	17-01	17-01
13 00	13 00	13 00	13 00	13 00	36 00	13 00	13 00	13 00
66 00	66 00	66 00	66 00	67 00	17 01	67 00	66 00	66 00
31 01	31 01	31 01	32 01	32 01	79 01	32 01	32 01	31 01
11 02	11 02	11 02	11 02	12 02	28 02	12 02	11 02	11 02
43 02	43 02	43 02	43 02	45 02	94 02	45 02	43 02	43 02
14 03	14 03	14 03	14 03	15 03	28 03	15 03	14 03	14 03
48 03	48 03	48 03	50 03	56 03	85 03	56 03	50 03	49 03

124250	124500	124750	125000	125250	125500	125750	126000	126250
28-04	28-04	28-04	28-04	28-04	28-04	28-04	28-04	28-04
26-02	26-02	26-02	26-02	26-02	46-02	26-02	26-02	26-02
17-01	17-01	17-01	17-01	17-01	23-01	17-01	17-01	17-01
13 00	13 00	13 00	13 00	13 00	14 00	13 00	13 00	13 00
66 00	66 00	66 00	66 00	66 00	69 00	66 00	66 00	66 00
31 01	31 01	31 01	31 01	31 01	31 01	31 01	31 01	31 01
11 02	11 02	11 02	11 02	11 02	11 02	11 02	11 02	11 02
43 02	43 02	43 02	43 02	43 02	43 02	43 02	43 02	43 02
14 03	14 03	14 03	14 03	14 03	14 03	14 03	14 03	14 03
49 03	49 03	49 03	48 03	48 03	48 03	48 03	48 03	48 03

126500	126750	127000	127250	127500	127750	128000	128250	128500
28-04	28-04	28-04	28-04	28-04	28-04	28-04	28-04	28-04
26-02	26-02	26-02	26-02	26-02	26-02	26-02	26-02	26-02
17-01	17-01	17-01	17-01	17-01	17-01	17-01	17-01	17-01
13 00	13 00	13 00	13 00	13 00	13 00	13 00	13 00	13 00
66 00	66 00	66 00	66 00	66 00	66 00	66 00	66 00	66 00
31 01	31 01	31 01	31 01	31 01	31 01	31 01	31 01	31 01
11 02	11 02	11 02	11 02	11 02	11 02	11 02	12 02	12 02
43 02	43 02	43 02	43 02	43 02	43 02	43 02	44 02	44 02
14 03	14 03	14 03	14 03	14 03	14 03	14 03	14 03	14 03
43 03	48 03	40 03	49 03	49 03	50 03	50 03	51 03	52 03

128750	129000	129250	129500	129750	130000	130250	130500	130750
32-01	28-04	28-04	11-03	28-04	23-04	28-04	28-04	28-04
32 00	26-02	26-02	10-01	25-02	25-02	26-02	26-02	26-02
90 00	17-01	18-01	71-01	16-01	17-01	17-01	17-01	17-01
26 01	13 00	13 00	50 00	14 00	13 00	13 00	13 00	13 00
64 01	67 00	69 00	24 01	73 00	66 00	66 00	66 00	66 00
16 02	32 01	34 01	88 01	37 01	33 01	32 01	31 01	31 01
36 02	12 02	13 02	27 02	15 02	12 02	12 02	12 02	12 02
94 02	47 02	54 02	86 02	62 02	48 02	46 02	45 02	44 02
24 03	16 03	18 03	22 03	19 03	16 03	15 03	14 03	14 03
70 03	56 03	60 03	63 03	61 03	57 03	54 03	52 03	56 03

133250	133500	133750	134000	134250	134500	134750	135000	135250
28-04	52-04	72-02	28-04	44-04	28-04	39-04	28-04	28-04
26-02	47-02	72-01	28-02	40-02	26-02	31-02	27-02	26-02
18-01	31-01	21 00	18-01	24-01	19-01	18-01	21-01	21-01
14 00	20 00	70 00	14 00	18 00	16 00	16 00	16 00	16 00
73 00	93 00	20 01	72 00	78 00	78 00	78 00	78 00	78 00
35 01	37 01	65 01	37 01	37 01	37 01	37 01	37 01	37 01
13 02	13 02	13 02	13 02	13 02	13 02	13 02	13 02	13 02
50 02	50 02	50 02	50 02	50 02	50 02	50 02	50 02	50 02
16 03	16 03	18 03	16 03	16 03	16 03	16 03	16 03	16 03
56 03	56 03	60 03	56 03	56 03	56 03	56 03	56 03	56 03

140000

35-04

32-02

21-01

16 00

78 00

37 01

13 02

50 02

16 03

56 03