

TABELA DE MILIVOLTAGEM DO TERMOPAR CrAI Cromel Constantan TIPO "K"

Níquel-Cromo/Níquel-Alumínio - ASTM-E-230 - Temperatura em graus Celsius (ITS-90) Força eletromotriz térmica em milivolts - Junção de referência a 0°C

°C	0	1	2	3	4	5	6	7	8	9	10
							_	_		_	
-100	-3,554	-3,584	-3,636	-3,668	-3,701	-3,733	-3,765	-3,797	-3,830	-3,862	-3,895
-90	-3,243	-3,274	-3,315	-3,347	-3,379	-3,411	-3,443	-3,476	-3,508	-3,540	-3,572
-80	-2,920	-2,953	-2,989	-3,022	-3,054	-3,087	-3,120	-3,152	-3,185	-3,217	-3,250
-70	-2,587	-2,620	-2,655	-2,689	-2,723	-2,756	-2,790	-2,823	-2,856	-2,889	-2,923
-60	-2,243	-2,278	-2,313	-2,347	-2,382	-2,416	-2,451	-2,485	-2,519	-2,553	-2,587
-50	-1,889	-1,925	-1,961	-1,996	-2,032	-2,067	-2,103	-2,138	-2,173	-2,208	-2,243
-40	-1,527	-1,564	-1,600	-1,637	-1,673	-1,709	-1,745	-1,782	-1,818	-1,854	-1,889
-30	-1,156	-1,194	-1,231	-1,268	-1,305	-1,343	-1,380	-1,417	-1,453	-1,490	-1,527
-20	-0,778	-0,816	-0,854	-0,892	-0,930	-0,968	-1,006	-1,043	-1,081	-1,119	-1,156
-10	-0,392	-0,431	-0,470	-0,508	-0,547	-0,586	-0,624	-0,663	-0,701	-0,739	-0,778
0	0,000	-0,039	-0,079	-0,118	-0,157	-0,197	-0,236	-0,275	-0,314	-0,353	-0,392
0	0,000	0,039	0,079	0,119	0,158	0,198	0,238	0,277	0,317	0,357	0,397
10	0,397	0,437	0,477	0,517	0,557	0,597	0,637	0,677	0,718	0,758	0,798
20	0,798	0,838	0,879	0,919	0,960	1,000	1,041	1,081	1,122	1,163	1,203
30	1,203	1,244	1,285	1,326	1,366	1,407	1,448	1,489	1,530	1,571	1,612
40	1,612	1,653	1,694	1,735	1,776	1,817	1,858	1,899	1,941	1,982	2,023
50	2,023	2,064	2,106	2,147	2,188	2,230	2,271	2,312	2,354	2,395	2,436
60	2,436	2,478	2,519	2,561	2,602	2,644	2,685	2,727	2,768	2,810	2,851
70	2,851	2,893	2,934	2,976	3,017	3,059	3,100	3,142	3,184	3,225	3,267
80	3,267	3,308	3,350	3,391	3,433	3,474	3,516	3,557	3,599	3,640	3,682
90	3,682	3,723	3,765	3,806	3,848	3,889	3,931	3,972	4,013	4,055	4,096
100	4,096	4,138	4,179	4,220	4,262	4,303	4,344	4,385	4,427	4,468	4,509
110	4,509	4,550	4,591	4,633	4,674	4,715	4,756	4,797	4,838	4,879	4,920
120	4,920	4,961	5,002	5,043	5,084	5,124	5,165	5,206	5,247	5,288	5,328
130	5,328	5,369	5,410	5,450	5,491	5,532	5,572	5,613	5,653	5,694	5,735
140	5,735	5,775	5,815	5,856	5,896	5,937	5,977	6,017	6,058	6,098	6,138
150	6,138	6,179	6,219	6,259	6,299	6,339	6,380	6,420	6,460	6,500	6,540
160	6,540	6,580	6,620	6,660	6,701	6,741	6,781	6,821	6,861	6,901	6,941
170	6,941	6,981	7,021	7,060	7,100	7,140	7,180	7,220	7,260	7,300	7,340
180	7,340	7,380	7,420	7,460	7,500	7,540	7,579	7,619	7,659	7,699	7,739
190	7,739	7,779	7,819	7,859	7,899	7,939	7,979	8,019	8,059	8,099	8,138
200	8,138	8,178	8,218	8,258	8,298	8,338	8,378	8,418	8,458	8,499	8,539
210	8,539	8,579	8,619	8,659	8,699	8,739	8,779	8,819	8,860	8,900	8,940
220	8,940	8,980	9,020	9,061	9,101	9,141	9,181	9,222	9,262	9,302	9,343
230	9,343	9,383	9,423	9,464	9,504	9,545	9,585	9,626	9,666	9,707	9,747
240	9,747	9,788	9,828	9,869	9,909	9,950	9,991	10,031	10,072	10,113	10,153
250	10,153	10,194	10,235	10,276	10,316	10,357	10,398	10,439	10,480	10,520	10,561
260	10,561	10,602	10,643	10,684	10,725	10,766	10,807	10,848	10,889	10,930	10,971
270	10,971	11,012	11,053	11,094	11,135	11,176	11,217	11,259	11,300	11,341	11,382



280 11,382 11,423 11,425 11,686 11,587 11,586 11,587 11,791 11,767 11,762 11,763 11,772 11,752 11,762 11,763 11,762 11,763 11,762 11,763 11,762 11,763 11,762 12,289 12,281 12,040 12,044 12,048 12,269 12,283 12,873 12,475 12,499 12,540 12,873 12,915 12,989 13,040 300 13,047 13,488 13,540 13,582 13,624 13,686 13,274 13,489 13,584 13,986 14,000 14,042 14,084 14,126 14,167 14,299 14,241 350 14,293 14,377 14,417 14		14.000	44 400	44.405	44.500	44 5 47	44.500	44.000	44.074	44.740	44.750	44.705
300 12,209 12,250 12,291 12,333 12,374 12,416 12,467 12,499 12,540 12,622 12,665 12,707 12,748 12,790 12,831 12,873 12,915 12,956 12,998 13,045 320 13,040 13,088 13,123 13,135 13,136 13,268 13,467 13,498 13,540 13,582 13,624 13,665 13,707 13,749 13,791 13,833 13,874 340 13,878 13,916 13,958 14,000 14,042 14,665 14,677 14,629 14,671 14,629 14,671 14,293 14,883 14,881 14,923 14,685 15,077 15,049 15,091 15,591 15,591 15,591 15,591 15,595 15,301 15,343 15,586 15,091 15,333 15,681 15,259 15,301 15,343 15,584 15,691 15,511 15,554 380 15,975 16,017 16,059 16,102 16,144 <th></th> <th></th> <th></th> <th></th> <th>·</th> <th></th> <th>·</th> <th>•</th> <th></th> <th></th> <th></th> <th></th>					·		·	•				
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320 13,040 13,081 13,123 13,165 13,206 13,248 13,290 13,331 13,373 13,415 13,457 330 13,875 13,988 13,958 14,000 14,062 14,084 14,161 14,610 14,707 14,293 14,335 14,377 14,419 14,461 14,503 14,545 14,694 14,613 14,545 14,797 14,839 14,881 14,923 14,585 16,694 16,701 14,713 360 14,713 14,755 14,797 14,839 14,881 14,923 15,564 15,596 15,594 15,595 15,517 15,638 15,680 15,722 15,764 15,806 15,894 15,891 15,933 15,975 390 15,975 16,017 16,059 16,102 16,144 16,166 16,228 16,270 16,313 16,355 16,397 400 16,329 16,247 16,389 16,347 16,389 16,340 16,343 16,643												
330 13,457 13,498 13,540 13,582 13,624 13,665 13,707 13,749 13,791 13,833 13,874 340 13,974 13,916 13,958 14,000 14,024 14,084 14,126 14,293 14,291 14,293 14,481 14,610 14,525 14,629 14,621 14,203 14,293 14,837 14,419 14,461 14,503 14,545 14,629 14,629 14,611 14,513 360 14,713 14,755 14,797 14,839 14,881 14,923 14,965 15,007 15,041 15,091 15,013 370 15,133 15,755 15,576 15,658 15,680 15,680 15,383 15,855 15,831 15,554 15,596 15,683 15,680 15,722 15,644 15,806 15,806 15,806 15,806 15,806 16,693 16,831 16,877 16,820 400 16,397 16,417 17,328 17,320 17,413							,					
340 13,874 13,916 13,958 14,000 14,042 14,084 14,126 14,167 14,209 14,251 14,293 350 14,293 14,335 14,777 14,439 14,641 14,503 14,565 14,629 14,671 14,713 360 14,713 14,755 14,797 14,839 14,881 14,923 14,665 15,007 15,049 15,011 15,313 370 15,133 15,755 15,267 15,289 15,301 15,343 15,385 15,427 15,689 15,511 15,554 380 15,975 16,017 16,059 16,102 16,144 16,186 16,228 16,270 16,331 16,355 16,397 400 16,387 16,482 16,524 16,566 16,661 16,651 16,631 16,735 16,735 16,735 16,735 16,735 16,737 16,674 14,939 410 16,820 16,841 18,341 18,341 18,341 <th></th>												
350 14,293 14,335 14,377 14,419 14,461 14,503 14,565 14,671 14,773 360 14,713 14,755 14,787 14,839 14,831 14,923 14,965 15,004 15,049 15,031 370 15,133 15,575 15,217 15,259 15,301 15,343 15,385 15,427 15,469 15,551 15,554 380 15,554 15,556 16,638 16,680 16,602 16,601 16,609 16,102 16,144 16,860 16,270 16,313 16,355 16,397 400 16,397 16,439 16,482 16,524 16,566 16,608 16,681 16,801 17,171 17,116 17,178 17,231 17,241 17,116 17,188 17,201 17,243 420 17,243 17,255 17,328 17,370 17,413 17,457 17,540 17,581 17,624 17,567 430 18,566 18,558 18,611 <th>330</th> <th></th>	330											
360 14,713 14,755 14,797 14,839 14,881 14,923 14,965 15,007 15,049 15,091 15,133 370 15,133 15,1576 15,217 15,259 15,630 15,534 15,366 15,489 15,696 15,693 15,556 380 15,975 16,017 16,059 16,102 16,144 16,186 16,228 16,270 16,331 16,385 16,397 400 16,397 16,439 16,482 16,524 16,566 16,608 16,651 16,693 16,755 16,778 16,820 410 16,820 16,862 16,904 16,947 16,989 17,031 17,074 17,116 17,158 17,261 17,243 420 17,243 17,267 17,794 17,337 17,879 17,241 17,540 17,582 17,243 17,641 18,043 18,041 430 17,667 17,709 17,522 17,794 17,337 17,579 17,521 <th>340</th> <th></th>	340											
370 15,133 15,175 15,217 15,259 15,301 15,343 15,385 15,427 15,469 15,551 15,554 380 15,554 15,596 15,638 15,680 15,764 15,806 15,849 15,891 15,975 390 15,757 16,017 16,059 16,102 16,143 16,820 16,820 16,835 16,375 16,355 16,375 400 16,337 16,439 16,482 16,524 16,566 16,088 16,681 16,933 16,778 16,820 410 16,820 16,862 16,947 16,989 17,031 17,074 17,158 17,201 17,243 420 17,243 17,285 17,328 17,370 17,413 17,455 17,497 17,540 17,582 17,624 17,667 430 17,667 17,799 17,724 17,364 18,041 18,041 18,041 18,041 18,041 18,041 18,041 18,041 18,041 <th>350</th> <th></th> <th></th> <th></th> <th></th> <th>·</th> <th>·</th> <th></th> <th></th> <th></th> <th></th> <th></th>	350					·	·					
380 15,554 15,596 15,638 15,680 15,722 15,764 15,806 15,849 15,891 15,933 15,975 390 15,975 16,017 16,059 16,102 16,144 16,186 16,228 16,270 16,313 16,385 16,397 400 16,397 16,439 16,482 16,524 16,682 16,683 16,681 16,693 16,683 16,683 16,682 16,947 16,989 17,031 17,074 17,116 17,582 17,261 17,243 420 17,243 17,285 17,322 17,794 17,433 17,679 17,491 17,674 17,592 17,624 17,667 47,001 17,752 17,794 17,437 17,679 17,921 17,964 18,006 18,049 18,091 440 18,091 18,134 18,176 18,218 18,261 18,303 18,364 18,388 18,431 18,843 18,841 18,8498 18,941 450 1	360						·					
380 15,975 16,017 16,059 16,102 16,144 16,186 16,228 16,270 16,313 16,355 16,397 400 16,397 16,439 16,482 16,524 16,566 16,608 16,651 16,693 16,735 16,778 16,820 410 16,820 16,862 16,904 16,947 16,989 17,031 17,074 17,116 17,158 17,201 17,243 420 17,243 17,285 17,328 17,370 17,413 17,457 17,540 17,540 17,562 17,667 430 17,667 17,709 17,752 17,794 17,837 17,879 17,947 17,540 17,840 18,006 18,091 18,091 18,006 18,091 18,091 18,001 18,041 18,061 18,643 18,661 18,261 18,303 18,346 18,388 18,431 18,473 18,516 450 18,361 18,518 18,610 19,688 19,111 19	370								·			
400 16,397 16,439 16,482 16,524 16,566 16,608 16,651 16,693 16,735 16,778 16,820 410 16,820 16,820 16,947 16,987 16,989 17,031 17,074 17,116 17,158 17,210 17,243 420 17,243 17,285 17,370 17,413 17,455 17,497 17,540 17,582 17,624 17,664 430 17,676 17,792 17,794 17,837 17,799 17,921 17,964 18,006 18,091 440 18,091 18,134 18,167 18,218 18,261 18,303 18,346 18,388 18,431 18,473 18,516 450 18,516 18,558 18,601 18,683 18,681 18,681 18,813 18,856 18,894 18,941 460 18,941 18,983 19,026 19,088 19,111 19,154 19,149 19,537 19,520 19,662 19,664 19,707 <th>380</th> <th></th>	380											
410 16,820 16,862 16,904 16,947 16,989 17,031 17,074 17,116 17,158 17,201 17,243 420 17,243 17,285 17,328 17,370 17,413 17,455 17,497 17,540 17,582 17,624 17,667 430 17,667 17,709 17,752 17,794 17,837 17,879 17,921 17,964 18,006 18,049 18,091 440 18,091 18,134 18,176 18,218 18,261 18,303 18,388 18,431 18,473 18,616 450 18,516 18,585 18,601 18,686 18,728 18,771 18,813 18,856 18,888 18,941 460 18,941 18,983 19,026 19,068 19,111 19,154 19,196 19,233 19,221 19,366 470 19,366 19,499 19,451 19,494 19,537 19,579 19,622 19,664 19,707 19,750 19,792 <th>390</th> <th>15,975</th> <th>16,017</th> <th>16,059</th> <th>16,102</th> <th>16,144</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	390	15,975	16,017	16,059	16,102	16,144						
420 17,243 17,285 17,328 17,370 17,413 17,455 17,497 17,540 17,582 17,624 17,667 430 17,667 17,709 17,752 17,794 17,837 17,879 17,921 17,964 18,006 18,049 18,091 440 18,091 18,134 18,167 18,218 18,261 18,303 18,346 18,388 18,431 18,473 18,516 450 18,516 18,585 18,601 18,643 18,686 18,728 18,771 18,813 18,866 18,983 19,366 18,941 460 18,941 18,983 19,026 19,068 19,111 19,154 19,196 19,239 19,231 19,366 18,941 19,366 19,499 19,481 19,494 19,537 19,579 19,622 19,629 19,621 19,662 19,709 19,201 19,920 19,537 19,579 19,622 19,622 19,661 19,709 19,231 19,579	400	16,397	16,439	16,482	16,524	16,566	16,608	16,651	16,693		16,778	16,820
430 17,667 17,709 17,752 17,794 17,837 17,879 17,921 17,964 18,006 18,049 18,091 440 18,091 18,134 18,176 18,218 18,261 18,303 18,346 18,388 18,431 18,473 18,516 450 18,516 18,558 18,601 18,643 18,686 18,728 18,771 18,813 18,856 18,898 18,941 460 18,941 18,983 19,026 19,068 19,111 19,154 19,196 19,239 19,281 19,324 19,364 470 19,366 19,409 19,451 19,494 19,537 19,579 19,662 19,664 19,770 19,750 19,792 480 19,792 19,835 19,877 19,902 19,962 20,048 20,909 20,133 20,175 20,218 490 20,218 20,661 20,303 20,346 21,389 20,431 20,474 20,516 20,559 <th>410</th> <th>16,820</th> <th>16,862</th> <th>16,904</th> <th>16,947</th> <th></th> <th>17,031</th> <th>17,074</th> <th></th> <th>17,158</th> <th>17,201</th> <th>17,243</th>	410	16,820	16,862	16,904	16,947		17,031	17,074		17,158	17,201	17,243
440 18,091 18,134 18,176 18,218 18,261 18,303 18,346 18,388 18,431 18,473 18,516 450 18,516 18,558 18,601 18,643 18,686 18,728 18,771 18,813 18,856 18,898 18,941 460 18,941 18,983 19,026 19,068 19,111 19,154 19,196 19,239 19,281 19,324 19,366 470 19,366 19,409 19,451 19,494 19,537 19,579 19,622 19,664 19,707 19,750 19,792 480 19,792 19,835 19,877 19,920 19,662 20,005 20,048 20,009 20,133 20,175 20,218 490 20,218 20,261 20,303 20,346 20,389 20,431 20,474 20,516 20,559 20,602 20,644 500 21,497 21,133 21,156 21,199 21,241 21,284 21,326 21,368 <th>420</th> <th>17,243</th> <th>17,285</th> <th>17,328</th> <th>17,370</th> <th></th> <th></th> <th></th> <th></th> <th>17,582</th> <th>17,624</th> <th>17,667</th>	420	17,243	17,285	17,328	17,370					17,582	17,624	17,667
450 18,516 18,558 18,601 18,643 18,686 18,728 18,771 18,813 18,856 18,898 18,941 460 18,941 18,983 19,026 19,068 19,111 19,154 19,196 19,239 19,281 19,324 19,366 470 19,366 19,409 19,451 19,494 19,537 19,579 19,622 19,664 19,707 19,750 19,792 480 19,792 19,835 19,877 19,920 19,962 20,005 20,048 20,090 20,133 20,175 20,218 490 20,248 20,261 20,303 20,346 20,389 20,431 20,474 20,516 20,559 20,602 20,644 500 20,644 20,687 20,730 20,772 20,815 20,857 20,900 20,943 20,955 21,028 21,071 510 21,497 21,136 21,549 21,241 21,284 21,369 21,412 21,454 <th>430</th> <th>17,667</th> <th>17,709</th> <th>17,752</th> <th>17,794</th> <th>17,837</th> <th>17,879</th> <th>17,921</th> <th>17,964</th> <th>18,006</th> <th>18,049</th> <th>18,091</th>	430	17,667	17,709	17,752	17,794	17,837	17,879	17,921	17,964	18,006	18,049	18,091
460 18,941 18,983 19,026 19,068 19,111 19,154 19,196 19,239 19,281 19,324 19,366 470 19,366 19,409 19,451 19,494 19,537 19,579 19,622 19,664 19,707 19,750 19,792 480 19,792 19,835 19,877 19,920 19,962 20,005 20,488 20,090 20,133 20,175 20,218 490 20,261 20,303 20,346 20,389 20,431 20,474 20,516 20,559 20,602 20,644 500 20,644 20,687 20,730 20,772 20,815 20,857 20,900 20,943 20,985 21,028 21,074 510 21,071 21,131 21,156 21,199 21,241 21,284 21,369 21,412 21,454 21,497 520 21,977 21,540 21,582 21,625 21,668 21,171 21,756 21,388 21,881 21,924 <th>440</th> <th>18,091</th> <th>18,134</th> <th>18,176</th> <th>18,218</th> <th>18,261</th> <th>18,303</th> <th>18,346</th> <th>18,388</th> <th>18,431</th> <th>18,473</th> <th>18,516</th>	440	18,091	18,134	18,176	18,218	18,261	18,303	18,346	18,388	18,431	18,473	18,516
470 19,366 19,409 19,451 19,494 19,537 19,579 19,622 19,664 19,707 19,750 19,792 480 19,792 19,835 19,877 19,920 19,962 20,005 20,048 20,090 20,133 20,175 20,218 490 20,218 20,261 20,303 20,346 20,389 20,431 20,474 20,516 20,559 20,602 20,644 500 20,644 20,687 20,730 20,772 20,815 20,857 20,900 20,943 20,985 21,028 21,071 510 21,071 21,113 21,156 21,199 21,241 21,284 21,326 21,369 21,414 21,487 520 21,497 21,540 21,582 21,625 21,668 21,710 21,753 21,796 21,838 21,881 21,924 530 21,924 21,966 22,094 22,137 22,179 22,222 22,265 22,307 22,3117 <th>450</th> <th>18,516</th> <th>18,558</th> <th>18,601</th> <th>18,643</th> <th>18,686</th> <th>18,728</th> <th>18,771</th> <th>18,813</th> <th>18,856</th> <th>18,898</th> <th>18,941</th>	450	18,516	18,558	18,601	18,643	18,686	18,728	18,771	18,813	18,856	18,898	18,941
480 19,792 19,835 19,877 19,920 19,962 20,005 20,048 20,900 20,133 20,175 20,218 490 20,218 20,261 20,303 20,346 20,389 20,431 20,474 20,516 20,559 20,602 20,644 500 20,644 20,687 20,730 20,772 20,815 20,857 20,900 20,943 20,985 21,028 21,071 510 21,071 21,113 21,156 21,199 21,241 21,284 21,326 21,369 21,412 21,454 21,497 520 21,497 21,580 21,682 21,665 21,668 21,710 21,753 21,796 21,838 21,881 21,924 530 21,924 21,966 22,009 22,052 22,094 22,137 22,179 22,222 22,265 22,307 22,365 540 22,350 22,381 22,362 22,904 22,947 22,990 23,032 23,075 <th>460</th> <th>18,941</th> <th>18,983</th> <th>19,026</th> <th>19,068</th> <th>19,111</th> <th>19,154</th> <th>19,196</th> <th>19,239</th> <th>19,281</th> <th>19,324</th> <th>19,366</th>	460	18,941	18,983	19,026	19,068	19,111	19,154	19,196	19,239	19,281	19,324	19,366
490 20,218 20,261 20,303 20,346 20,389 20,431 20,474 20,516 20,559 20,602 20,644 500 20,644 20,687 20,730 20,772 20,815 20,857 20,900 20,943 20,985 21,028 21,071 510 21,071 21,113 21,156 21,199 21,241 21,284 21,326 21,369 21,412 21,454 21,497 520 21,497 21,540 21,582 21,625 21,668 21,710 21,753 21,796 21,838 21,881 21,924 530 21,924 21,966 22,009 22,052 22,094 22,137 22,179 22,222 22,265 22,307 22,350 540 22,350 22,381 22,862 22,904 22,947 22,990 23,032 23,075 23,117 23,160 23,203 550 22,776 22,819 22,862 23,294 23,331 23,331 23,341 23,458 <th>470</th> <th>19,366</th> <th>19,409</th> <th>19,451</th> <th>19,494</th> <th>19,537</th> <th>19,579</th> <th>19,622</th> <th>19,664</th> <th>19,707</th> <th>19,750</th> <th>19,792</th>	470	19,366	19,409	19,451	19,494	19,537	19,579	19,622	19,664	19,707	19,750	19,792
500 20,644 20,687 20,730 20,772 20,815 20,857 20,900 20,943 20,985 21,028 21,071 510 21,071 21,113 21,156 21,199 21,241 21,284 21,326 21,369 21,412 21,454 21,497 520 21,497 21,540 21,582 21,625 21,668 21,710 21,753 21,796 21,838 21,881 21,924 530 21,924 21,966 22,009 22,052 22,094 22,137 22,179 22,222 22,265 22,307 22,350 540 22,350 22,393 22,435 22,478 22,521 22,563 22,606 22,691 22,734 22,776 550 22,776 22,819 22,862 22,904 22,947 22,990 23,032 23,017 23,160 23,203 560 23,203 23,611 23,714 23,757 23,799 23,842 23,884 23,907 23,970 24,012 <th>480</th> <th>19,792</th> <th>19,835</th> <th>19,877</th> <th>19,920</th> <th></th> <th></th> <th>20,048</th> <th>20,090</th> <th>20,133</th> <th>20,175</th> <th>20,218</th>	480	19,792	19,835	19,877	19,920			20,048	20,090	20,133	20,175	20,218
510 21,071 21,113 21,156 21,199 21,241 21,284 21,326 21,369 21,412 21,454 21,497 520 21,497 21,540 21,582 21,625 21,668 21,710 21,753 21,796 21,838 21,881 21,924 530 21,924 21,966 22,009 22,052 22,094 22,137 22,179 22,222 22,265 22,307 22,350 540 22,350 22,393 22,435 22,478 22,521 22,563 22,606 22,649 22,691 22,734 22,776 550 22,776 22,819 22,862 22,904 22,947 22,990 23,032 23,075 23,117 23,160 23,203 560 23,203 23,245 23,288 23,331 23,373 23,416 23,458 23,501 23,544 23,586 23,629 570 23,629 23,671 23,714 23,757 23,799 23,842 23,884 23,927 <th>490</th> <th>20,218</th> <th>20,261</th> <th>20,303</th> <th>20,346</th> <th>20,389</th> <th>20,431</th> <th>20,474</th> <th>20,516</th> <th>20,559</th> <th>20,602</th> <th>20,644</th>	490	20,218	20,261	20,303	20,346	20,389	20,431	20,474	20,516	20,559	20,602	20,644
520 21,497 21,540 21,582 21,625 21,668 21,710 21,753 21,796 21,838 21,881 21,924 530 21,924 21,966 22,009 22,052 22,094 22,137 22,179 22,222 22,265 22,307 22,350 540 22,350 22,383 22,435 22,478 22,521 22,563 22,606 22,649 22,691 22,734 22,776 550 22,776 22,819 22,862 22,904 22,947 22,990 23,032 23,075 23,117 23,160 23,203 560 23,203 23,624 23,288 23,331 23,379 23,416 23,458 23,501 23,544 23,586 23,629 570 23,629 23,671 23,714 23,757 23,799 23,842 23,884 23,927 23,970 24,012 24,055 580 24,055 24,097 24,140 24,182 24,225 24,267 24,310 24,353 <th>500</th> <th>20,644</th> <th>20,687</th> <th>20,730</th> <th>20,772</th> <th>20,815</th> <th>20,857</th> <th>20,900</th> <th>20,943</th> <th>20,985</th> <th>21,028</th> <th>21,071</th>	500	20,644	20,687	20,730	20,772	20,815	20,857	20,900	20,943	20,985	21,028	21,071
530 21,924 21,966 22,009 22,052 22,094 22,137 22,179 22,222 22,265 22,307 22,350 540 22,350 22,393 22,435 22,478 22,521 22,563 22,606 22,649 22,691 22,734 22,776 550 22,776 22,819 22,862 22,904 22,947 22,990 23,032 23,075 23,117 23,160 23,203 560 23,203 23,245 23,288 23,331 23,373 23,416 23,458 23,501 23,544 23,586 23,629 570 23,629 23,671 23,714 23,757 23,799 23,842 23,884 23,927 23,970 24,012 24,055 580 24,055 24,097 24,140 24,182 24,225 24,267 24,310 24,353 24,395 24,488 24,480 590 24,480 24,523 24,565 24,608 24,650 24,693 24,735 24,778 <th>510</th> <th>21,071</th> <th>21,113</th> <th>21,156</th> <th>21,199</th> <th>21,241</th> <th>21,284</th> <th>21,326</th> <th>21,369</th> <th>21,412</th> <th>21,454</th> <th>21,497</th>	510	21,071	21,113	21,156	21,199	21,241	21,284	21,326	21,369	21,412	21,454	21,497
540 22,350 22,393 22,435 22,478 22,521 22,563 22,606 22,649 22,691 22,734 22,776 550 22,776 22,819 22,862 22,904 22,947 22,990 23,032 23,075 23,117 23,160 23,203 560 23,203 23,245 23,288 23,331 23,379 23,416 23,458 23,501 23,544 23,586 23,629 570 23,629 23,671 23,714 23,757 23,799 23,842 23,884 23,927 23,970 24,012 24,055 580 24,055 24,097 24,140 24,182 24,225 24,267 24,310 24,353 24,395 24,488 24,480 590 24,480 24,523 24,565 24,608 24,650 24,693 24,735 24,778 24,820 24,863 24,905 600 24,905 24,948 24,990 25,033 25,075 25,118 25,160 25,203 <th>520</th> <th>21,497</th> <th>21,540</th> <th>21,582</th> <th>21,625</th> <th>21,668</th> <th>21,710</th> <th>21,753</th> <th>21,796</th> <th>21,838</th> <th>21,881</th> <th>21,924</th>	520	21,497	21,540	21,582	21,625	21,668	21,710	21,753	21,796	21,838	21,881	21,924
550 22,776 22,819 22,862 22,904 22,947 22,990 23,032 23,075 23,117 23,160 23,203 560 23,203 23,245 23,288 23,331 23,373 23,416 23,458 23,501 23,544 23,586 23,629 570 23,629 23,671 23,714 23,757 23,799 23,842 23,884 23,927 23,970 24,012 24,055 580 24,055 24,097 24,140 24,182 24,225 24,267 24,310 24,353 24,395 24,438 24,480 590 24,480 24,523 24,665 24,608 24,650 24,693 24,735 24,778 24,820 24,863 24,905 600 24,905 24,948 24,990 25,033 25,075 25,118 25,160 25,203 25,245 25,288 25,330 610 25,330 25,373 25,415 25,458 25,500 25,585 25,627 26,670 <th>530</th> <th>21,924</th> <th>21,966</th> <th>22,009</th> <th>22,052</th> <th>22,094</th> <th>22,137</th> <th>22,179</th> <th>22,222</th> <th>22,265</th> <th>22,307</th> <th>22,350</th>	530	21,924	21,966	22,009	22,052	22,094	22,137	22,179	22,222	22,265	22,307	22,350
560 23,203 23,245 23,288 23,331 23,373 23,416 23,458 23,501 23,544 23,586 23,629 570 23,629 23,671 23,714 23,757 23,799 23,842 23,884 23,927 23,970 24,012 24,055 580 24,055 24,097 24,140 24,182 24,225 24,267 24,310 24,353 24,395 24,438 24,480 590 24,480 24,523 24,565 24,608 24,650 24,693 24,735 24,778 24,820 24,863 24,905 600 24,905 24,948 24,990 25,033 25,075 25,118 25,160 25,203 25,245 25,288 25,330 610 25,330 25,373 25,415 25,458 25,500 25,543 25,585 25,627 25,670 25,712 25,755 620 25,755 25,797 25,840 25,882 25,924 25,967 26,009 26,527 <th>540</th> <th>22,350</th> <th>22,393</th> <th>22,435</th> <th>22,478</th> <th>22,521</th> <th>22,563</th> <th>22,606</th> <th>22,649</th> <th>22,691</th> <th>22,734</th> <th>22,776</th>	540	22,350	22,393	22,435	22,478	22,521	22,563	22,606	22,649	22,691	22,734	22,776
570 23,629 23,671 23,714 23,757 23,799 23,842 23,884 23,927 23,970 24,012 24,055 580 24,055 24,097 24,140 24,182 24,225 24,267 24,310 24,353 24,395 24,438 24,480 590 24,480 24,523 24,565 24,608 24,650 24,693 24,735 24,778 24,820 24,863 24,905 600 24,905 24,948 24,990 25,033 25,075 25,118 25,160 25,203 25,245 25,288 25,330 610 25,330 25,373 25,415 25,458 25,500 25,543 25,585 25,627 25,670 25,712 25,755 620 25,755 25,797 25,840 25,882 25,924 25,967 26,009 26,052 26,094 26,136 26,179 630 26,179 26,221 26,263 26,306 26,348 26,390 26,433 26,475 <th>550</th> <th>22,776</th> <th>22,819</th> <th>22,862</th> <th>22,904</th> <th>22,947</th> <th>22,990</th> <th>23,032</th> <th>23,075</th> <th>23,117</th> <th>23,160</th> <th>23,203</th>	550	22,776	22,819	22,862	22,904	22,947	22,990	23,032	23,075	23,117	23,160	23,203
580 24,055 24,097 24,140 24,182 24,225 24,267 24,310 24,353 24,395 24,438 24,480 590 24,480 24,523 24,565 24,608 24,650 24,693 24,735 24,778 24,820 24,863 24,905 600 24,905 24,948 24,990 25,033 25,075 25,118 25,160 25,203 25,245 25,288 25,330 610 25,330 25,373 25,415 25,458 25,500 25,543 25,585 25,627 25,670 25,712 25,755 620 25,755 25,797 25,840 25,882 25,924 25,967 26,009 26,052 26,094 26,136 26,179 630 26,179 26,221 26,263 26,306 26,348 26,390 26,433 26,475 26,517 26,560 26,602 640 26,602 26,644 26,687 26,729 26,771 26,814 26,856 26,898 <th>560</th> <th>23,203</th> <th>23,245</th> <th>23,288</th> <th>23,331</th> <th>23,373</th> <th>23,416</th> <th>23,458</th> <th>23,501</th> <th>23,544</th> <th>23,586</th> <th>23,629</th>	560	23,203	23,245	23,288	23,331	23,373	23,416	23,458	23,501	23,544	23,586	23,629
590 24,480 24,523 24,565 24,608 24,650 24,693 24,735 24,778 24,820 24,863 24,905 600 24,905 24,948 24,990 25,033 25,075 25,118 25,160 25,203 25,245 25,288 25,330 610 25,330 25,373 25,415 25,458 25,500 25,543 25,585 25,627 25,670 25,712 25,755 620 25,755 25,797 25,840 25,882 25,924 25,967 26,009 26,052 26,094 26,136 26,179 630 26,179 26,221 26,263 26,306 26,348 26,390 26,433 26,475 26,517 26,560 26,602 640 26,602 26,644 26,687 26,729 26,771 26,814 26,856 26,898 26,940 26,983 27,025 650 27,025 27,067 27,109 27,152 27,194 27,236 27,278 27,320 <th>570</th> <th>23,629</th> <th>23,671</th> <th>23,714</th> <th>23,757</th> <th>23,799</th> <th>23,842</th> <th>23,884</th> <th></th> <th></th> <th>24,012</th> <th>24,055</th>	570	23,629	23,671	23,714	23,757	23,799	23,842	23,884			24,012	24,055
600 24,905 24,948 24,990 25,033 25,075 25,118 25,160 25,203 25,245 25,288 25,330 610 25,330 25,373 25,415 25,458 25,500 25,543 25,585 25,627 25,670 25,712 25,755 620 25,755 25,797 25,840 25,882 25,924 25,967 26,009 26,052 26,094 26,136 26,179 630 26,179 26,221 26,263 26,306 26,348 26,390 26,433 26,475 26,517 26,560 26,602 640 26,602 26,644 26,687 26,729 26,771 26,814 26,856 26,898 26,940 26,983 27,025 650 27,025 27,067 27,109 27,152 27,194 27,236 27,278 27,320 27,363 27,405 27,447 660 27,447 27,489 27,531 27,574 27,616 27,658 27,700 27,742 <th>580</th> <th>24,055</th> <th>24,097</th> <th>24,140</th> <th>24,182</th> <th>24,225</th> <th>24,267</th> <th>24,310</th> <th>24,353</th> <th>24,395</th> <th>24,438</th> <th>24,480</th>	580	24,055	24,097	24,140	24,182	24,225	24,267	24,310	24,353	24,395	24,438	24,480
610 25,330 25,373 25,415 25,458 25,500 25,543 25,585 25,627 25,670 25,712 25,755 620 25,755 25,797 25,840 25,882 25,924 25,967 26,009 26,052 26,094 26,136 26,179 630 26,179 26,221 26,263 26,306 26,348 26,390 26,433 26,475 26,517 26,560 26,602 640 26,602 26,644 26,687 26,729 26,771 26,814 26,856 26,898 26,940 26,983 27,025 650 27,025 27,067 27,109 27,152 27,194 27,236 27,278 27,320 27,363 27,405 27,447 660 27,447 27,489 27,531 27,574 27,616 27,658 27,700 27,742 27,784 27,826 27,869 670 27,869 27,911 27,953 27,995 28,037 28,079 28,121 28,163 <th>590</th> <th>24,480</th> <th>24,523</th> <th>24,565</th> <th>24,608</th> <th>24,650</th> <th>24,693</th> <th>24,735</th> <th>24,778</th> <th>24,820</th> <th>24,863</th> <th>24,905</th>	590	24,480	24,523	24,565	24,608	24,650	24,693	24,735	24,778	24,820	24,863	24,905
620 25,755 25,797 25,840 25,882 25,924 25,967 26,009 26,052 26,094 26,136 26,179 630 26,179 26,221 26,263 26,306 26,348 26,390 26,433 26,475 26,517 26,560 26,602 640 26,602 26,644 26,687 26,729 26,771 26,814 26,856 26,898 26,940 26,983 27,025 650 27,025 27,067 27,109 27,152 27,194 27,236 27,278 27,320 27,363 27,405 27,447 660 27,447 27,489 27,531 27,574 27,616 27,658 27,700 27,742 27,784 27,826 27,869 670 27,869 27,911 27,953 27,995 28,037 28,079 28,121 28,163 28,205 28,247 28,289 680 28,289 28,332 28,794 28,835 28,877 28,919 28,961 29,003 <th>600</th> <th>24,905</th> <th>24,948</th> <th>24,990</th> <th>25,033</th> <th>25,075</th> <th>25,118</th> <th>25,160</th> <th>25,203</th> <th>25,245</th> <th>25,288</th> <th>25,330</th>	600	24,905	24,948	24,990	25,033	25,075	25,118	25,160	25,203	25,245	25,288	25,330
630 26,179 26,221 26,263 26,306 26,348 26,390 26,433 26,475 26,517 26,560 26,602 640 26,602 26,644 26,687 26,729 26,771 26,814 26,856 26,898 26,940 26,983 27,025 650 27,025 27,067 27,109 27,152 27,194 27,236 27,278 27,320 27,363 27,405 27,447 660 27,447 27,489 27,531 27,574 27,616 27,658 27,700 27,742 27,784 27,826 27,869 670 27,869 27,911 27,953 27,995 28,037 28,079 28,121 28,163 28,205 28,247 28,289 680 28,289 28,332 28,374 28,416 28,458 28,500 28,542 28,584 28,626 28,668 28,710 690 28,710 28,752 28,794 28,835 28,877 28,919 28,961 29,003 <th>610</th> <th>25,330</th> <th>25,373</th> <th>25,415</th> <th>25,458</th> <th>25,500</th> <th>25,543</th> <th>25,585</th> <th>25,627</th> <th>25,670</th> <th>25,712</th> <th>25,755</th>	610	25,330	25,373	25,415	25,458	25,500	25,543	25,585	25,627	25,670	25,712	25,755
640 26,602 26,644 26,687 26,729 26,771 26,814 26,856 26,898 26,940 26,983 27,025 650 27,025 27,067 27,109 27,152 27,194 27,236 27,278 27,320 27,363 27,405 27,447 660 27,447 27,489 27,531 27,574 27,616 27,658 27,700 27,742 27,784 27,826 27,869 670 27,869 27,911 27,953 27,995 28,037 28,079 28,121 28,163 28,205 28,247 28,289 680 28,289 28,332 28,374 28,416 28,458 28,500 28,542 28,584 28,626 28,668 28,710 690 28,710 28,752 28,794 28,835 28,877 28,919 28,961 29,003 29,045 29,087 29,129 700 29,129 29,171 29,213 29,255 29,297 29,338 29,380 29,422 <th>620</th> <th></th> <th>25,797</th> <th>25,840</th> <th></th> <th>25,924</th> <th>25,967</th> <th></th> <th>26,052</th> <th>26,094</th> <th>26,136</th> <th>26,179</th>	620		25,797	25,840		25,924	25,967		26,052	26,094	26,136	26,179
650 27,025 27,067 27,109 27,152 27,194 27,236 27,278 27,320 27,363 27,405 27,447 660 27,447 27,489 27,531 27,574 27,616 27,658 27,700 27,742 27,784 27,826 27,869 670 27,869 27,911 27,953 27,995 28,037 28,079 28,121 28,163 28,205 28,247 28,289 680 28,289 28,332 28,374 28,416 28,458 28,500 28,542 28,584 28,626 28,668 28,710 690 28,710 28,752 28,794 28,835 28,877 28,919 28,961 29,003 29,045 29,087 29,129 700 29,129 29,171 29,213 29,255 29,297 29,338 29,380 29,422 29,464 29,506 29,548	630	26,179	26,221	26,263		26,348	26,390	26,433		26,517	26,560	26,602
660 27,447 27,489 27,531 27,574 27,616 27,658 27,700 27,742 27,784 27,826 27,869 670 27,869 27,911 27,953 27,995 28,037 28,079 28,121 28,163 28,205 28,247 28,289 680 28,289 28,332 28,374 28,416 28,458 28,500 28,542 28,584 28,626 28,668 28,710 690 28,710 28,752 28,794 28,835 28,877 28,919 28,961 29,003 29,045 29,087 29,129 700 29,129 29,171 29,213 29,255 29,297 29,338 29,380 29,422 29,464 29,506 29,548	640				26,729	26,771			·			
670 27,869 27,911 27,953 27,995 28,037 28,079 28,121 28,163 28,205 28,247 28,289 680 28,289 28,332 28,374 28,416 28,458 28,500 28,542 28,584 28,626 28,668 28,710 690 28,710 28,752 28,794 28,835 28,877 28,919 28,961 29,003 29,045 29,087 29,129 700 29,129 29,171 29,213 29,255 29,297 29,338 29,380 29,422 29,464 29,506 29,548	650	27,025	27,067	27,109	27,152	27,194	27,236	27,278	27,320	27,363	27,405	27,447
680 28,289 28,332 28,374 28,416 28,458 28,500 28,542 28,584 28,626 28,668 28,710 690 28,710 28,752 28,794 28,835 28,877 28,919 28,961 29,003 29,045 29,087 29,129 700 29,129 29,171 29,213 29,255 29,297 29,338 29,380 29,422 29,464 29,506 29,548	660	27,447	27,489	27,531	27,574	27,616	27,658	27,700	27,742	27,784	27,826	27,869
690 28,710 28,752 28,794 28,835 28,877 28,919 28,961 29,003 29,045 29,087 29,129 700 29,129 29,171 29,213 29,255 29,297 29,338 29,380 29,422 29,464 29,506 29,548	670	27,869									28,247	28,289
700 29,129 29,171 29,213 29,255 29,297 29,338 29,380 29,422 29,464 29,506 29,548	680	28,289	28,332	28,374	28,416	28,458	28,500	28,542	28,584	28,626	28,668	28,710
	690											
710 29,548 29,589 29,631 29,673 29,715 29,757 29,798 29,840 29,882 29,924 29,965	700	W - W - W - W - W - W - W - W - W - W -	29,171									29,548
	710	29,548	29,589	29,631	29,673	29,715	29,757	29,798	29,840	29,882	29,924	29,965



720	29,965	30,007	30,049	30,090	30,132	30,174	30,216	30,257	30,299	30,341	30,382
730	30,382	30,424	30,466	30,507	30,549	30,590	30,632	30,674	30,715	30,757	30,798
740	30,798	30,840	30,881	30,923	30,964	31,006	31,047	31,089	31,130	31,172	31,213
750	31,213	31,255	31,296	31,338	31,379	31,421	31,462	31,504	31,545	31,586	31,628
760	31,628	31,669	31,710	31,752	31,793	31,834	31,876	31,917	31,958	32,000	32,041
770	32,041	32,082	32,124	32,165	32,206	32,247	32,289	32,330	32,371	32,412	32,453
780	32,453	32,495	32,536	32,577	32,618	32,659	32,700	32,742	32,783	32,824	32,865
790	32,865	32,906	32,947	32,988	33,029	33,070	33,111	33,152	33,193	33,234	33,275
800	33,275	33,316	33,357	33,398	33,439	33,480	33,521	33,562	33,603	33,644	33,685
810	33,685	33,726	33,767	33,808	33,848	33,889	33,930	33,971	34,012	34,053	34,093
820	34,093	34,134	34,175	34,216	34,257	34,297	34,338	34,379	34,420	34,460	34,501
830	34,501	34,542	34,582	34,623	34,664	34,704	34,745	34,786	34,826	34,867	34,908
840	34,908	34,948	34,989	35,029	35,070	35,110	35,151	35,192	35,232	35,273	35,313
850	35,313	35,354	35,394	35,435	35,475	35,516	35,556	35,596	35,637	35,677	35,718
860	35,718	35,758	35,798	35,839	35,879	35,920	35,960	36,000	36,041	36,081	36,121
870	36,121	36,162	36,202	36,242	36,282	36,323	36,363	36,403	36,443	36,484	36,524
880	36,524	36,564	36,604	36,644	36,685	36,725	36,765	36,805	36,845	36,885	36,925
890	36,925	36,965	37,006	37,046	37,086	37,126	37,166	37,206	37,246	37,286	37,326
900	37,326	37,366	37,406	37,446	37,486	37,526	37,566	37,606	37,646	37,686	37,725
910	37,725	37,765	37,805	37,845	37,885	37,925	37,965	38,005	38,044	38,084	38,124
920	38,124	38,164	38,204	38,243	38,283	38,323	38,363	38,402	38,442	38,482	38,522
930	38,522	38,561	38,601	38,641	38,680	38,720	38,760	38,799	38,839	38,878	38,918
940	38,918	38,958	38,997	39,037	39,076	39,116	39,155	39,195	39,235	39,274	39,314
950	39,314	39,353	39,393	39,432	39,471	39,511	39,550	39,590	39,629	39,669	39,708
960	39,708	39,747	39,787	39,826	39,866	39,905	39,944	39,984	40,023	40,062	40,101
970	40,101	40,141	40,180	40,219	40,259	40,298	40,337	40,376	40,415	40,455	40,494
980	40,494	40,533	40,572	40,611	40,651	40,690	40,729	40,768	40,807	40,846	40,885
990	40,885	40,924	40,963	41,002	41,042	41,081	41,120	41,159	41,198	41,237	41,276
1000	41,276	41,315	41,354	41,393	41,431	41,470	41,509	41,548	41,587	41,626	41,665
1010	41,665	41,704	41,743	41,781	41,820	41,859	41,898	41,937	41,976	42,014	42,053
1020	42,053	42,092	42,131	42,169	42,208	42,247	42,286	42,324	42,363	42,402	42,440
1030	42,440	42,479	42,518	42,556	42,595	42,633	42,672	42,711	42,749	42,788	42,826
1040	42,826	42,865	42,903	42,942	42,980	43,019	43,057	43,096	43,134	43,173	43,211
1050	43,211	43,250	43,288	43,327	43,365	43,403	43,442	43,480	43,518	43,557	43,595
1060	43,595	43,633	43,672	43,710	43,748	43,787	43,825	43,863	43,901	43,940	43,978
1070	43,978	44,016	44,054	44,092	44,130	44,169	44,207	44,245	44,283	44,321	44,359
1080	44,359	44,397	44,435	44,473	44,512	44,550	44,588	44,626	44,664	44,702	44,740
1090	44,740	44,778	44,816	44,853	44,891	44,929	44,967	45,005	45,043	45,081	45,119
1100	45,119	45,157	45,194	45,232	45,270	45,308	45,346	45,383	45,421	45,459	45,497
1110	45,497	45,534	45,572	45,610	45,647	45,685	45,723	45,760	45,798	45,836	45,873
1120	45,873	45,911	45,948	45,986	46,024	46,061	46,099	46,136	46,174	46,211	46,249
1130	46,249	46,286	46,324	46,361	46,398	46,436	46,473	46,511	46,548	46,585	46,623
1140	46,623	46,660	46,697	46,735	46,772	46,809	46,847	46,884	46,921	46,958	46,995
1150	46,995	47,033	47,070	47,107	47,144	47,181	47,218	47,256	47,293	47,330	47,367



1160	47,367	47,404	47,441	47,478	47,515	47,552	47,589	47,626	47,663	47,700	47,737
1170	47,737	47,774	47,811	47,848	47,884	47,921	47,958	47,995	48,032	48,069	48,105
1180	48,105	48,142	48,179	48,216	48,252	48,289	48,326	48,363	48,399	48,436	48,473
1190	48,473	48,509	48,546	48,582	48,619	48,656	48,692	48,729	48,765	48,802	48,838
1200	48,838	48,875	48,911	48,948	48,984	49,021	49,057	49,093	49,130	49,166	49,202
1210	49,202	49,239	49,275	49,311	49,348	49,384	49,420	49,456	49,493	49,529	49,565
1220	49,565	49,601	49,637	49,674	49,710	49,746	49,782	49,818	49,854	49,890	49,926
1230	49,926	49,962	49,998	50,034	50,070	50,106	50,142	50,178	50,214	50,250	50,286
1240	50,286	50,322	50,358	50,393	50,429	50,465	50,501	50,537	50,572	50,608	50,644
1250	50,644	50,680	50,715	50,751	50,787	50,822	50,858	50,894	50,929	50,965	51,000
1260	51,000	51,036	51,071	51,107	51,142	51,178	51,213	51,249	51,284	51,320	51,355
1270	51,355	51,391	51,426	51,461	51,497	51,532	51,567	51,603	51,638	51,673	51,708
1280	51,708	51,744	51,779	51,814	51,849	51,885	51,920	51,955	51,990	52,025	52,060
1290	52,060	52,095	52,130	52,165	52,200	52,235	52,270	52,305	52,340	52,375	52,410
1300	52,410	52,445	52,480	52,515	52,550	52,585	52,620	52,654	52,689	52,724	52,759
1310	52,759	52,794	52,828	52,863	52,898	52,932	52,967	53,002	53,037	53,071	53,106
1320	53,106	53,140	53,175	53,210	53,244	53,279	53,313	53,348	53,382	53,417	53,451
1330	53,451	53,486	53,520	53,555	53,589	53,623	53,658	53,692	53,727	53,761	53,795
1340	53,795	53,830	53,864	53,898	53,932	53,967	54,001	54,035	54,069	54,104	54,138
1350	54,138	54,172	54,206	54,240	54,274	54,308	54,343	54,377	54,411	54,445	54,479
1360	54,479	54,513	54,547	54,581	54,615	54,649	54,683	54,717	54,751	54,785	54,819
1370	54,819	54,852	54,886								

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