

~Version Information Block

VERS. 2.00: CWLS LOG ASCII STANDARD - VERSION 2.000000  
 WRAP. NO: One Line Per Depth Step

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~Well Information Block

#MNE.M.UNIT	Data	Information
STRT.FT	400.0000:	START DEPTH
STOP.FT	3900.0000:	STOP DEPTH
STEP.FT	0.5000:	STEP
NULL.	-999.2500:	NULL VALUE
COMP.	Union Oil Comp of California:	COMPANY
WELL.	#1 N-11 Lukachukai #0519:	WELL
FLD .	Wildcat:	FIELD
LOC .	SE-SW:	LOCATION
SEC .	11:	SECTION
TWP .	36N:	TOWNSHIP
RANG.	29E:	RANGE
CNTY.	Apache:	COUNTY
STAT.	Arizona:	STATE
CTRY.	:	COUNTRY
SRVC.	Schlumberger:	SERVICE COMPANY
DATE.	11/01/1969:	DATE
API .	02-001-20118:	API NUMBER
UWI .	02-001-20118:	UWI NUMBER
TVD .	NO:	TVD flag
WSTA.	OG:	Well status

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~Curve Information Block

#MNE.M.UNIT	API CODE	Curve Description
DEPT.FT	:	Depth in Feet
SP .MV	01 010 01 01:	Spontaneous Potential
LL8 .OHMM	:	Latero-Log 8
ILM .OHMM	05 120 44 01:	Medium Induction Standard Processed Resistivity
ILD .OHMM	05 120 46 01:	Deep Induction Standard Processed Resistivity

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~Parameter Information Block

#MNE.M.UNIT	Value	Description
DATE.	11/5/1969:	Date As Month-Day-Year
RUN .	ONE:	Run Number
PDAT.	GL:	Permanent Datum
EPD .FT	7183.0000:	Elevation Of Perm. Datum
LMF .	KB:	Log Measured From
FAPD.FT	14.0000:	Feet Above Perm. Datum
DMF .	KB:	Drilling Measured From
EKB .FT	7197.0000:	Elevation Of Kelly Bushing
EGL .FT	7183.0000:	Elevation Of Ground Level
TD .FT	3900.0000:	Total Depth
DF .	Precambrian granite:	
DD .FT	3896.0000:	Depth Driller
DL .FT	3995.0000:	Depth Logger
BLI .FT	3991.0000:	Bottom Log Interval
TLI .FT	3100.0000:	Top Log Interval
CBL1.	358:	Casing Bottom (Logger) 1
BS .IN	7 7/8:	Bit Size
DFT .	FGM:	Drilling Fluid Type
DFD .LB/G	9.0000:	Drilling Fluid Density
DFL .ML	8.4000:	Drilling Fluid Loss
DFPH.	40.0000:	Drilling Fluid Ph
MSS .	FLOWLINE:	Mud Sample Source
RMS .OHMM	3.6000:	Resistivity Of Mud Sample
MST .DEGF	54.0000:	Mud Sample Temperature

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RMF .OHMM          3.5000:  Mud Filtrate Resistivity
MFST.DEGF         54.0000:  Mud Filtrate Sample Temperature
RMB .OHMM          1.9500:  Mud Resistivity At Bht
BHT .DEGF         100.0000:  Bottom Hole Temperature
TCS .              5 HRS:   Time Circulation Stopped
TLAB.             5 HRS:   Time Logger At Bottom
MRT .DEGF         100.0000:  Maximum Recorded Temperature
LUN .              3874:   Logging Unit Number
LUL .              FARM:   Logging Unit Location
ENGI.             ROBERTSON: Engineer'S Name
WITN.             V.O. GUSTAFSON: Witness' Name
DGBY.             LS:
WSTA.             OG:
EDF .FT           7196.0000:  Elevation Of Derrick Floor
DFV .S            48.0000:  Drilling Fluid Viscosity

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~Other Information Block

<DescLogPlotStart> NEURALOG PLOT DEFINITION

PLOTDEFVERSION: 3

LASFILE: O:\OG\_Data\RMCCS digitized wells project\Leah Spencer\las\0519DILLMerg

DEPTHSCALE: 600.000013

RESOLUTION: 200

DEPTHLABELFREQ: 100.000000

HEAVYGRIDFREQ: 50.000000

MEDIUMGRIDFREQ: 50.000000

LIGHTGRIDFREQ: 50.000000

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# TRACK 1

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STARTTRACK:

LEFTX: 0.500000 inch

RIGHTX: 3.000000 inch

SCALETYPE: Linear

NUMCHARTDIVISIONS: 10

CURVE: SP	0.000000	100.000000	(255,0,0)	Solid	2	N
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ENDTRACK:

#

# TRACK 2

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STARTTRACK:

LEFTX: 3.500000 inch

RIGHTX: 8.500000 inch

SCALETYPE: Linear

NUMCHARTDIVISIONS: 33

CURVE: LL8	0.200000	2000.000000	(0,131,131)	Solid	2	N
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CURVE: ILM	0.200000	2000.000000	(255,0,255)	Dot	2	N
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CURVE: ILD	0.200000	2000.000000	(0,131,255)	Short_Dash	2	N
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ENDTRACK:

#

# TRACK 3

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STARTTRACK:

LEFTX: 3.500000 inch

RIGHTX: 8.500000 inch

SCALETYPE: Linear

NUMCHARTDIVISIONS: 4

ENDTRACK:

<DescLogPlotEnd>

<DescLog>DUAL INDUCTION-LATEROLOG

<DescOSVS>FDC, GR, SNP

<DescOSVS>

<DescOSVS>

<Merge Data>

Curve Name	Start	Splice	Stop
SP1 DA1 SA1	400.0	N/A	3900.0

LL81 DA2 SA1 400.0 N/A 3880.5  
 ILM1 DA2 SA2 400.0 N/A 3900.0  
 ILD1 DA2 SA3 400.0 N/A 3900.0

</Merge Data>

-A DEPTH	SP	LL8	ILM	ILD
400.000	46.22266402	1129.34559118	1093.27705411	1119.32655311
400.500	45.82504970	1175.43316633	1109.30751503	1165.41412826
401.000	45.82504970	1203.48647295	1125.33797595	1201.48266533
401.500	46.22266402	1185.45220441	1139.36462926	1197.47505010
402.000	49.40357853	1185.45220441	1133.35320641	1157.39889780
402.500	50.79522863	1213.50551102	1106.90249048	1111.07337049
403.000	51.98807157	1169.35361403	1080.78832315	1073.27654935
403.500	52.50118964	1184.97517141	1069.82508050	1056.31006144
404.000	52.72293158	1097.91245873	1041.67371526	1023.90556071
404.500	52.95934659	1005.97804371	1015.52380140	1000.65537989
405.000	52.99547347	999.88264811	989.44119445	976.23230770
405.500	52.96987652	1072.95998120	962.97163678	952.99222877
406.000	52.45115629	1131.25407352	937.35389965	928.39084372
406.500	51.97950782	1079.07942505	909.58663266	914.52994344
407.000	51.60950551	987.62644713	887.46337738	907.18716098
407.500	51.19530683	932.90932108	880.89983652	904.42677970
408.000	50.71282488	937.31340756	880.69791537	904.40063939
408.500	50.24119197	961.85141345	887.74243025	907.93678078
409.000	49.49481505	977.94068737	901.73029554	915.72413499
409.500	48.92416661	988.51071958	923.51645122	927.05746435
410.000	46.47968659	1026.84606103	949.40749846	965.49034447
410.500	43.18768407	1118.49779260	990.39967255	1000.29482067
411.000	40.81278910	1182.71706712	1028.72650673	1035.73398822
411.500	39.58989276	1195.25434439	1068.05710476	1069.80032452
412.000	39.46376365	1258.17738926	1108.09773301	1105.90552774
412.500	39.42392711	1277.21083096	1136.05119091	1135.29274345
413.000	39.63254172	1241.78905901	1140.31783643	1143.80303372
413.500	40.07554882	1201.15667123	1136.82401425	1142.29325901
414.000	40.89946070	1158.27706145	1124.61487482	1128.94213159
414.500	42.41887916	1139.43427032	1111.88394783	1115.35438483
415.000	45.19078139	1166.18136264	1096.96661330	1097.93337778
415.500	46.25987541	1191.50731882	1082.52869360	1078.23624395
416.000	46.22702809	1149.53954519	1061.66713345	1072.33033540
416.500	46.05598203	1061.93809674	1049.58361213	1071.53272874
417.000	45.63555806	1084.74587619	1054.20417359	1073.62138544
417.500	45.05869859	1139.43259346	1059.12369852	1078.31351056
418.000	44.12783250	1134.59256435	1065.06403691	1086.38278231
418.500	43.45742711	1124.54510151	1070.28237517	1093.04001246
419.000	43.20948453	1117.10402522	1076.09883007	1103.41167435
419.500	43.24142994	1118.61744899	1083.13090510	1112.27361985
420.000	43.35346017	1117.91114902	1084.98718238	1112.93294594
420.500	43.63668698	1111.05024109	1086.34175225	1110.16719699
421.000	44.01134291	1098.77020280	1087.27250659	1102.05936921
421.500	44.50961177	1093.42882381	1081.46322534	1082.80667487
422.000	45.55320302	1099.16231778	1058.57614600	1064.50190076
422.500	46.64539025	1115.25078280	1023.35049642	1032.36043209
423.000	47.91656571	1084.03716368	985.19033364	996.57990457
423.500	49.33932861	1027.54879525	947.57827660	950.08822417
424.000	49.91559551	970.42029454	910.00355324	908.22223559
424.500	49.99560994	923.72278302	872.57818889	876.12916232
425.000	50.02053275	900.30847177	834.37063737	852.12531708
425.500	49.97713644	878.22012652	803.84365283	832.17188447
426.000	49.61417838	874.41914535	791.10500449	827.38735808
426.500	49.22367504	874.88680692	789.27564517	826.67696999
427.000	48.77543043	873.67631254	800.58050975	829.55103631
427.500	48.14835011	880.28815432	827.49471945	846.00642265
428.000	47.02899949	933.15907054	869.42181869	871.09938645
428.500	45.84345865	1066.39298888	909.85894686	904.62497572
429.000	44.50088121	1137.62768844	951.15579602	950.47756355
429.500	43.51797293	1184.12719705	991.67980145	1012.74056513

430.000	41.62362046	1170.40356761	1033.35562129	1065.20885193
430.500	39.14505823	1160.37532832	1071.86382289	1098.36328319
431.000	37.58729708	1164.75787907	1117.95915074	1181.76099290
431.500	36.80885579	1173.43661762	1137.92853657	1257.56829003
432.000	36.62846834	1182.00895042	1151.65920131	1283.29067717
432.500	36.42237632	1190.54541064	1155.48543592	1290.05231718
433.000	36.09634531	1194.85277160	1161.45046369	1275.55155546
433.500	36.11891507	1194.87793072	1165.08575892	1253.98464138
434.000	36.26531012	1189.95897711	1166.87799004	1234.56132415
434.500	36.45571221	1192.68637771	1161.41424526	1216.78040833
435.000	37.01225580	1208.01353738	1132.13723592	1145.28487043
435.500	38.14315267	1217.99312671	1065.91320917	1074.34554049
436.000	39.44496314	1178.73523926	983.80449540	1016.92258798
436.500	41.89058161	1062.55868828	923.04705159	989.21966761
437.000	44.25802317	954.58064006	886.91676016	987.75251529
437.500	44.22906109	910.94883164	894.11222268	986.29064973
438.000	43.94264036	970.11246257	919.25796280	986.47565795
438.500	43.41103995	1094.89280267	945.98549565	985.31290331
439.000	43.08009433	1174.24457542	971.02355063	993.55284009
439.500	42.67651727	1216.22107821	1001.01816733	1026.29833351
440.000	42.15137245	1178.87706643	1031.34693818	1064.63119915
440.500	41.64869291	1162.45536054	1069.11463714	1102.77071101
441.000	41.24815463	1172.44628073	1106.29379208	1140.75947131
441.500	40.91996214	1186.71529722	1129.76577541	1179.33785448
442.000	40.18342706	1185.26905285	1142.52996046	1211.06213723
442.500	39.54816429	1182.24087196	1146.27191101	1214.69545538
443.000	37.47239238	1190.67335523	1141.20341774	1201.14982500
443.500	35.54149756	1184.47206145	1131.58319923	1181.29637696
444.000	35.52322018	1170.98806537	1128.16040919	1160.60930172
444.500	35.43782577	1172.91286268	1136.72862820	1145.06735934
445.000	35.54803249	1170.04089388	1166.29446824	1136.92871145
445.500	35.66642135	1218.11763359	1187.81292278	1135.09130795
446.000	35.73203092	1281.28974115	1183.20592651	1130.50870999
446.500	35.87576457	1284.83687637	1158.77680151	1114.90804224
447.000	36.24170838	1249.07177684	1109.90376860	1096.82614363
447.500	37.30974981	1153.99681326	1066.12399012	1083.42380143
448.000	39.40317066	1038.55176417	1039.19138099	1080.97678043
448.500	40.43929269	1033.41883696	1037.31224938	1080.76390040
449.000	40.63030410	1066.53910022	1042.27861502	1079.10321461
449.500	40.72517987	1121.78327498	1050.13496159	1083.70447841
450.000	39.21098397	1136.43747062	1052.71832736	1091.23852741
450.500	38.55410953	1123.70225715	1065.83235525	1115.29096709
451.000	38.76598308	1143.44962570	1084.30509445	1143.46467653
451.500	39.00551627	1158.54419110	1101.82690398	1159.75926417
452.000	39.09193555	1157.08915140	1111.05327339	1164.81023719
452.500	38.99272585	1150.26275442	1117.63935851	1165.84740625
453.000	38.27173763	1136.76103133	1119.42387842	1157.04382959
453.500	37.57246305	1117.41384131	1108.66938621	1129.43749539
454.000	36.79465870	1110.26426527	1045.51922140	1056.66054574
454.500	36.64162172	1103.91231892	989.10783667	989.25362690
455.000	36.70336164	1093.48788546	932.21907713	948.02039697
455.500	37.46371099	974.35921904	876.22292158	904.31018364
456.000	39.18068791	869.45378310	839.02620674	862.65360324
456.500	42.87737984	832.36191105	799.39178060	821.10847527
457.000	44.43449360	838.31288357	768.24114837	789.78788457
457.500	44.91983468	845.78540355	753.04349426	778.07549030
458.000	45.23306018	846.48393158	749.31593099	773.49414649
458.500	45.30446300	840.30826422	751.28981186	773.60721958
459.000	45.36847643	838.14580833	770.29843587	781.08708073
459.500	45.41970789	868.75622774	789.48537043	812.34293995
460.000	45.48539881	934.61292128	825.91869624	846.72151218
460.500	45.52597637	971.46051220	855.36911587	878.16988767
461.000	45.61644510	950.14773152	891.15920440	911.93404733
461.500	45.43582417	945.06513670	919.82085601	943.55031208
462.000	44.59024172	988.38934067	953.76466925	977.32107040

462.500	43.47480190	1129.28999381	986.35228375	1011.58275359
463.000	42.07599737	1120.73158721	1019.83035631	1045.88477653
463.500	40.97778380	1092.26252078	1054.54994524	1080.34394005
464.000	39.57289526	1121.11106830	1086.89179140	1100.22705960
464.500	38.53525471	1191.06382876	1095.12405116	1107.23255635
465.000	37.21577040	1184.29411143	1094.12173318	1109.04545011
465.500	36.43571932	1148.78416681	1084.38271285	1109.15512929
466.000	36.66108734	1120.77039757	1076.95255149	1109.04800746
466.500	37.23913862	1110.54031004	1075.11002877	1106.95911987
467.000	37.57641471	1127.10331439	1075.74857284	1102.22005921
467.500	36.94078674	1143.01126321	1077.36980864	1101.16931773
468.000	36.27467294	1140.06683970	1078.58651663	1101.12629338
468.500	35.63105758	1150.91177312	1087.12605936	1103.50209040
469.000	34.91267246	1179.82438367	1097.77403749	1110.98377855
469.500	34.62264345	1183.11397864	1104.46574701	1116.92311518
470.000	34.52334419	1167.74890411	1107.41441143	1122.60757370
470.500	34.62410480	1166.15041779	1111.35867435	1123.90664543
471.000	34.92370242	1168.58923336	1109.72894615	1121.34949645
471.500	35.47760387	1154.55347881	1102.59539461	1116.74476761
472.000	36.80335873	1127.37159527	1089.45104026	1102.06772161
472.500	38.33592513	1100.98468107	1076.72260941	1072.99990604
473.000	39.43705969	1100.06971869	1045.80230888	1046.61478620
473.500	40.18085062	1124.47184311	1003.32214945	1016.36768502
474.000	40.76734428	1087.34444550	967.81743622	994.83350794
474.500	41.50562633	980.95898983	945.12170252	989.93295156
475.000	42.42402833	988.93876211	943.86878382	984.06740883
475.500	42.26492777	982.24760984	959.63873214	978.94287238
476.000	41.17112608	1026.63809314	972.08306608	974.71867242
476.500	40.21733351	1069.44405479	973.78786556	972.46768218
477.000	39.54553431	1079.61392509	975.90727871	972.35176154
477.500	38.90816318	1082.67174783	977.65707662	972.28313132
478.000	38.00624537	1063.89872617	982.76528098	978.40263277
478.500	37.25633124	1034.66952223	1002.63486414	979.61466160
479.000	36.19327025	1058.01544071	1044.46781081	1014.78905838
479.500	35.44037101	1125.69771433	1074.43485740	1078.87908636
480.000	35.31582210	1284.23997021	1079.63481387	1090.59859421
480.500	36.10052671	1279.00088875	1092.24876380	1108.49267487
481.000	37.52005995	1251.86876236	1111.97692316	1121.89207513
481.500	38.81722290	1159.22712228	1137.02804712	1139.36926894
482.000	40.10493488	1093.91852641	1147.33327249	1148.12692261
482.500	40.93034441	1102.31785171	1136.83856183	1143.50467715
483.000	41.82700681	1145.64846879	1102.01160656	1131.38583660
483.500	42.34118745	1132.53840677	1076.92028169	1113.68075194
484.000	41.78568732	1060.40482252	1057.84447162	1090.57407406
484.500	41.62395976	1043.14515373	1055.64861218	1078.91875251
485.000	41.70583828	1090.07730377	1049.29529757	1064.50990632
485.500	42.00836370	1140.77806647	1042.22159358	1047.93376931
486.000	42.04405647	1112.51242924	1028.78661748	1029.00707476
486.500	41.60194493	1010.12245336	1012.12493034	1010.94451410
487.000	41.04635671	1017.34991340	987.65354071	986.46256187
487.500	40.56874172	1048.48909864	950.42801315	964.95905592
488.000	39.81190995	1034.14054951	917.12474765	942.56353031
488.500	39.26623258	936.63810072	882.03549412	928.52602041
489.000	38.75232713	882.12977245	870.56046922	921.17028635
489.500	38.64113190	888.27671574	869.34766903	915.45381260
490.000	38.70454362	901.41789119	873.17071222	913.66105677
490.500	39.06279772	909.11394667	886.59576417	910.66229471
491.000	39.43854360	934.70163094	893.98940031	906.73998816
491.500	39.42905468	965.61384400	895.23120451	902.33589330
492.000	39.33018805	950.06139103	882.43165985	898.07105664
492.500	39.28497514	916.00354422	856.30944155	893.11622715
493.000	39.08924227	885.85930633	838.51642857	883.99017454
493.500	38.54478608	873.80381405	822.62425465	872.61073657
494.000	38.47455313	861.94202373	810.81341100	861.38170695
494.500	39.01759102	851.65116548	795.96194511	850.36175752

495.000	39.45006338	836.42659111	793.38731217	838.60233907
495.500	39.44842967	844.61546248	802.22417481	829.75103331
496.000	39.49293917	880.63400847	808.65639258	824.16538677
496.500	39.23089320	871.50142509	806.98142156	817.96554276
497.000	38.53978986	857.38069501	797.79207126	810.63541650
497.500	38.43061453	864.25078318	776.84406919	801.34798842
498.000	38.68091015	848.87030038	759.26945767	792.42291247
498.500	39.08285546	795.58788078	733.07707211	783.09312264
499.000	39.51069368	760.84115634	718.42920601	774.34595967
499.500	40.31358730	762.71302446	714.51705030	764.32175276
500.000	40.98636868	765.90698969	713.41981097	756.35873648
500.500	41.66010544	771.86921993	714.90068015	751.49483791
501.000	41.99666541	784.86387176	719.45630965	745.47053469
501.500	42.06620469	821.06711420	722.29227829	740.60933320
502.000	42.04946893	815.17467294	714.09462712	737.22854560
502.500	42.07400573	772.08190199	699.97498822	734.19356544
503.000	42.01041749	744.73882788	685.98965238	731.33443816
503.500	41.54984000	743.83101694	674.56107616	727.62087473
504.000	40.16122047	740.36802558	666.90748381	717.21294572
504.500	38.25462065	737.05413257	659.58607430	707.17194079
505.000	36.22398872	744.60350186	652.39991875	697.26993750
505.500	34.35133800	746.90206860	651.26973505	693.73251460
506.000	33.19444115	743.99256686	648.98699593	693.41227947
506.500	32.82618981	741.78583758	646.81075735	692.59965689
507.000	33.30654724	739.20864065	646.04774954	695.76043053
507.500	34.47069705	736.32110323	648.38163525	700.60426942
508.000	36.46779763	730.24897168	652.13170975	704.94015329
508.500	38.39522214	724.32300634	659.79942435	710.01848082
509.000	39.59455752	728.72506144	668.41876488	713.07837544
509.500	40.29001648	741.12970562	673.95363368	713.49676597
510.000	40.42141541	748.86224208	678.67369556	714.40794589
510.500	40.14445694	751.97928794	682.78646725	715.05006457
511.000	40.13555850	748.40535945	683.75333391	715.88792889
511.500	40.30238767	745.95167086	680.55042204	716.23856211
512.000	40.62630617	742.75008428	678.33329423	713.06387119
512.500	40.82221407	740.68637629	673.42730110	709.46423899
513.000	40.53686605	739.01111791	669.82923412	705.87463635
513.500	40.29703337	739.83413489	667.89015538	704.56349271
514.000	39.98498720	743.17346172	666.48824589	705.88100863
514.500	39.46799668	746.80087351	669.39841580	705.63608323
515.000	39.02979815	751.11702736	672.05914582	712.20315341
515.500	38.44524025	752.89604039	675.35425818	723.61331418
516.000	38.07224098	752.18579061	683.97873527	733.67437263
516.500	37.17128358	756.12088005	692.76698337	744.28153773
517.000	35.93263567	768.63089961	702.95640654	754.74019343
517.500	34.75112914	805.92492396	712.65453848	764.29789146
518.000	33.58439077	817.64932269	718.97256391	768.25541029
518.500	33.05718901	808.25670541	720.80021494	771.55851581
519.000	34.54106167	791.34190701	719.70460865	774.60729612
519.500	36.42398628	782.66740959	716.39687089	774.04170578
520.000	38.17455201	781.89024536	712.79870167	771.48733093
520.500	39.66114904	781.26174965	708.26782574	768.96806155
521.000	40.35864206	777.04793597	705.87739696	766.33947247
521.500	40.86430006	770.71159519	704.74815082	763.78235040
522.000	41.29868057	771.21191974	706.03850321	761.16722366
522.500	41.49083987	775.93039562	708.29333262	758.63616560
523.000	41.41994140	780.87341045	706.13578086	755.97042988
523.500	41.26273640	774.44636366	703.92104641	753.62272993
524.000	40.70419916	758.47941942	701.72223315	750.80363656
524.500	40.10744520	751.46525571	698.84270049	747.59035034
525.000	39.48084758	749.60001624	694.93802100	744.67860868
525.500	38.81608024	747.72880892	689.98832247	740.16972769
526.000	38.55851711	743.54620947	682.24656399	732.97648391
526.500	38.07780137	736.33824183	675.80907516	725.54089230
527.000	37.32209970	735.15429285	670.90684301	718.07988089

527.500	36.55561480	736.57970061	665.84696863	711.77554960
528.000	35.51568831	739.10617448	660.70926848	707.04145196
528.500	34.69250539	741.47421557	656.53668249	701.44397767
529.000	34.50248954	743.37722699	654.88107283	698.06547408
529.500	34.85003997	736.52202397	654.41906595	699.78926648
530.000	35.10563585	729.10022266	654.25617465	701.54622485
530.500	35.35109968	729.50872817	656.23628620	704.20718619
531.000	35.49494731	733.38617170	660.46760703	707.71684049
531.500	35.47780262	738.14535153	664.03457911	711.01348944
532.000	35.50357861	742.19721541	668.28441438	714.41900841
532.500	35.33726762	743.26390776	671.29582646	717.75832171
533.000	35.15428798	743.75649174	672.82461698	721.14501629
533.500	34.77932129	744.43578462	674.73258768	724.48252976
534.000	34.67151749	745.01463840	676.36906637	727.88715978
534.500	34.69087173	745.67687962	677.03748673	730.65822130
535.000	34.69990352	746.20640334	677.48198670	731.45467590
535.500	34.53200611	747.83687286	678.05227390	732.53516950
536.000	34.63832839	751.40598078	678.36823229	730.85762757
536.500	35.28276945	754.34390591	677.35609625	727.02413127
537.000	36.08501677	756.45502785	675.20672312	723.62454750
537.500	36.75474956	753.13873111	671.85076610	720.17812355
538.000	37.14734608	745.00420530	668.52632534	715.96106818
538.500	37.36783346	742.61141902	664.64642829	705.30202427
539.000	37.66648151	742.44421393	658.34269891	693.66823319
539.500	37.95639547	743.12545784	649.89677224	682.56554789
540.000	38.10978459	735.89330939	637.57211573	670.52455359
540.500	37.86093673	720.83555565	624.56906957	661.07394566
541.000	37.65320191	712.48062298	612.74259117	654.57959014
541.500	37.68245213	712.65106274	606.77278876	647.15134858
542.000	37.67541234	712.16093205	604.65009299	646.06809455
542.500	37.66217033	713.84244052	605.93042833	646.59900233
543.000	37.72598574	724.11752226	612.26195222	645.76196580
543.500	37.87675579	733.74339875	621.96070016	651.53954419
544.000	37.88342450	742.28156445	630.48880763	664.36792804
544.500	37.81550830	748.22980170	642.20171045	676.74518826
545.000	37.67726575	752.20794844	657.10762034	688.77613906
545.500	37.51431223	761.80351381	669.05918160	702.55187694
546.000	37.63424423	774.27649152	681.76234997	712.94844363
546.500	38.09458617	785.83531789	690.41093549	717.53919881
547.000	38.32267587	787.68258964	693.57211291	723.79652543
547.500	38.61149037	780.11167029	698.56782516	729.26437026
548.000	38.85692822	776.53554341	703.67824909	735.18227498
548.500	39.27504370	778.45088153	709.80617605	740.65736667
549.000	39.53339138	790.04174117	715.63068963	744.44739217
549.500	39.64312977	798.25912764	721.63830397	747.26734147
550.000	39.55843453	801.99931341	726.91025920	749.93409123
550.500	39.50830921	819.31322978	730.08439194	752.85538940
551.000	39.37137662	828.74151571	728.34425535	756.57593089
551.500	39.09268785	808.41341013	726.51238586	763.07842548
552.000	38.50727487	784.55449175	727.30374100	768.25179862
552.500	38.10282957	782.61533303	736.03956384	778.39323117
553.000	37.92673955	800.20071825	752.33253401	792.00793132
553.500	37.84700837	832.54611240	767.99620046	803.10525115
554.000	37.89720611	854.41173334	784.96694127	816.27785477
554.500	37.67860272	872.23160881	798.62209435	825.37408121
555.000	37.27682308	883.39135994	809.07253808	828.82688408
555.500	36.95260037	888.68362761	807.05168707	830.51568883
556.000	36.66406287	877.85039948	794.04620914	827.80113738
556.500	36.71068462	846.51852115	777.29310974	818.76503468
557.000	37.70664956	819.97662647	761.72671968	804.37536454
557.500	38.91540436	801.95543261	746.62922428	789.59275788
558.000	39.61171241	800.37303472	732.90736367	776.39182874
558.500	40.05287334	798.50251882	720.95793611	762.32091650
559.000	40.46257963	796.92592182	710.13000937	752.33163461
559.500	40.66165827	793.91589139	705.98434065	752.45361881

560.000	40.27733825	797.42012525	707.31155450	755.76278140
560.500	39.89982182	798.14350780	713.27477381	764.16524726
561.000	39.46089427	797.19341900	722.27619915	771.27455143
561.500	39.09469991	796.02609413	730.14840366	779.34983299
562.000	38.54945883	803.70937768	738.56828519	786.10781056
562.500	37.40943740	821.11185243	746.97656427	793.62131294
563.000	36.46450011	828.68110758	755.64646719	801.55732568
563.500	35.82786666	834.54935905	763.21511279	808.80717620
564.000	35.19522490	834.84016733	771.80375105	815.13800009
564.500	34.80552141	834.60913415	774.14803783	821.76946795
565.000	34.68879043	833.99081226	775.41956331	825.41826032
565.500	34.67895287	833.35853683	776.88005632	825.73062879
566.000	34.72317215	832.82416183	778.11534512	826.72414097
566.500	35.07453607	832.01063764	779.53659868	827.28837090
567.000	35.50136622	831.76435421	780.59972648	828.28574441
567.500	35.73191326	830.30381046	780.88757327	828.13144890
568.000	36.07748660	828.96773572	779.58521293	822.12449457
568.500	36.35730711	818.96491414	774.72601432	815.20110400
569.000	36.48711025	808.31731136	766.31646610	809.37789309
569.500	36.48209344	804.72026339	756.25938197	801.16084976
570.000	36.48765912	798.99275197	746.60346053	791.28023330
570.500	36.47612399	794.25210709	736.56120251	782.47787316
571.000	36.49739904	789.09132806	727.06173621	773.24713773
571.500	36.30557117	783.89465852	716.39845384	764.19225178
572.000	35.74003211	778.44589794	707.82187238	755.19409471
572.500	35.22037151	772.95799444	701.45891230	751.33043571
573.000	34.70922471	769.55041400	695.17462638	748.01008788
573.500	34.70549646	768.20634254	694.33931234	744.87223743
574.000	35.12437622	766.34350389	694.46095800	745.11030818
574.500	35.72621754	765.05005809	694.71470411	745.82102974
575.000	36.46982640	762.87671348	698.66953614	746.62206228
575.500	37.23286770	765.89506305	702.67268853	750.40669069
576.000	38.07126248	773.31333293	707.46998841	755.45164117
576.500	38.99797183	785.07900645	712.99501162	760.31353460
577.000	39.52087222	795.90027675	718.09162298	765.22367529
577.500	40.06436383	796.90103252	723.37695238	770.17661851
578.000	40.28168331	795.93052262	728.55321228	774.86097906
578.500	40.23046625	794.53213008	733.79655950	779.17359807
579.000	39.86698199	794.90785990	738.85281049	783.47169389
579.500	39.52976152	794.40060393	742.68901104	784.97134214
580.000	39.20622253	799.01415415	746.68204497	785.08951257
580.500	38.86881646	808.57013425	748.81114787	785.39249105
581.000	38.46912439	812.26215175	748.38306816	785.59144912
581.500	38.09285937	809.20679079	744.58932421	785.87082386
582.000	37.71002120	807.14273763	742.37475676	786.05556073
582.500	37.31642822	807.61792708	742.67896066	786.38355880
583.000	37.10851516	809.04259812	742.77088348	786.44991595
583.500	37.20853365	809.82681676	745.39521137	787.76093225
584.000	37.41682367	813.28165698	747.44075329	789.79292808
584.500	37.67059432	819.91421538	751.05874885	792.02633226
585.000	37.92773175	826.44278948	755.91560973	793.51550153
585.500	38.25430699	833.82487774	760.33321109	798.77655594
586.000	38.67845036	838.40379617	764.96749355	804.94671373
586.500	39.16498927	837.01433169	767.65334909	806.59701237
587.000	39.44654383	836.75375197	769.12999248	808.42501344
587.500	39.45592752	836.87249379	770.64396383	809.85811771
588.000	39.50013702	836.93907070	772.18961138	811.75055971
588.500	39.23982508	841.95365705	772.43940893	812.72044724
589.000	38.66380694	844.62790507	771.76132895	812.01480314
589.500	38.13823053	841.93539526	771.33659083	811.68713049
590.000	37.00787989	837.28938662	770.74104572	810.87988971
590.500	36.69270358	836.56485473	771.30075086	811.97536824
591.000	36.53435127	836.99448230	773.25411866	816.14563631
591.500	36.27966347	836.57697942	778.72888669	820.18535071
592.000	35.91985169	845.73425639	784.84070748	824.35777006

592.500	35.85968656	859.85699600	793.27278852	828.43576425
593.000	36.04628218	860.86476274	802.91208022	832.62083821
593.500	35.94451939	860.99651394	808.19167716	836.49406359
594.000	35.74294659	860.63811497	808.83212460	837.37827607
594.500	35.47854245	861.37755079	808.46202952	837.78756946
595.000	35.26760500	856.76860550	805.51518445	838.39685678
595.500	35.28435393	851.04714263	802.53115652	838.44876290
596.000	35.42779643	850.54553657	796.82059216	834.78751492
596.500	35.62554613	851.52897509	791.01858940	830.63981329
597.000	35.88669217	844.62334584	784.91713586	826.77653030
597.500	36.10930747	837.99325328	780.75824786	823.46290182
598.000	36.06412379	839.08461423	780.67193186	820.28211881
598.500	36.15222351	839.12304787	780.63156795	817.10201816
599.000	36.84669915	846.41334423	780.64431297	816.61076773
599.500	37.20682619	853.26246402	780.66926235	816.84108866
600.000	37.62035657	854.13579022	780.59398919	816.51423089
600.500	37.64928551	845.88765882	780.92279056	818.66699663
601.000	37.35147767	839.13567179	783.35768854	822.11096501
601.500	36.89640701	839.52795999	787.53016073	825.27495257
602.000	36.63898481	848.71755049	792.63467662	827.15237877
602.500	36.83924543	854.47085547	795.82475539	827.40013108
603.000	36.88474160	851.67901752	797.66752037	827.95862806
603.500	36.86685882	850.75554075	799.86978361	828.38470375
604.000	36.91269733	850.84298634	800.81649964	828.70908822
604.500	37.26141257	851.76873961	800.78712085	827.76983635
605.000	37.68766104	854.28733064	800.44143483	826.94357581
605.500	38.04548393	851.25214612	796.83706328	825.86576447
606.000	38.76964989	838.36453259	792.15772573	825.30160990
606.500	39.29759441	834.66726273	788.00057682	822.16666501
607.000	39.62280221	834.46327049	784.08623141	817.30500202
607.500	39.67637107	838.91740201	780.17070027	813.29301361
608.000	39.66446212	843.03029544	776.13105255	808.69595661
608.500	39.64005310	842.14655768	772.44781627	805.79208284
609.000	39.14196644	834.88006099	765.99146398	804.18256912
609.500	38.46467861	830.57851605	762.24857154	802.85259650
610.000	37.73528147	831.89261366	762.76960496	803.76184607
610.500	37.66289874	832.51523821	762.40928071	804.78133686
611.000	37.67687590	834.47451243	763.14966314	805.72182409
611.500	37.66667698	842.93286421	768.35512027	806.95051000
612.000	37.67916067	849.79686424	773.57950380	810.68622254
612.500	37.65719891	849.87048717	779.15839661	817.63313372
613.000	37.82273016	851.10325580	785.84885454	826.81295503
613.500	37.88125377	849.42006729	796.12125141	836.61263103
614.000	37.86972295	850.45698196	807.43506679	847.96534354
614.500	37.86464996	862.91549088	819.86254774	860.57284720
615.000	37.91274947	879.79037333	834.60494942	870.65897642
615.500	38.12112530	895.02544804	851.00220333	881.69588927
616.000	38.32524745	909.28824556	869.84599125	890.39195096
616.500	38.60302663	941.09465548	881.42128360	893.34367854
617.000	39.00067851	935.05051711	876.60390127	896.82819858
617.500	39.49958193	909.58070235	867.21992049	895.97908029
618.000	39.67707149	893.71296662	858.33608739	887.77952635
618.500	39.65614056	886.82626380	849.35414255	874.34509073
619.000	39.68008683	882.28207686	839.78672957	867.28145806
619.500	39.49074099	883.13897890	829.68280861	860.85518813
620.000	38.91748303	882.62062753	826.44212320	854.74039040
620.500	38.44358038	882.94124194	825.18858241	852.77536180
621.000	38.20051147	882.57175267	827.20277071	852.53212633
621.500	37.99315802	883.95168279	831.80049557	854.90258988
622.000	38.02054606	894.78795118	838.58151700	858.69756614
622.500	38.06320973	905.31741075	844.97150010	862.34476162
623.000	38.25227413	912.39896303	851.62653671	865.16875807
623.500	38.53439743	917.88950791	858.38255757	872.30585151
624.000	38.81992593	923.05352576	866.22944732	882.30264056
624.500	39.02639174	928.38163891	873.74423425	891.63972964

625.000	39.17597361	927.88980605	882.96664320	902.51299564
625.500	39.37394558	926.41004897	888.58484906	918.26724312
626.000	39.46940885	929.08262422	908.15464838	940.81776863
626.500	39.48674912	948.61846284	935.39927137	966.51129271
627.000	39.85541303	999.55661568	960.77037066	992.54805979
627.500	40.14902979	1020.99646237	990.08455349	1018.45137333
628.000	40.30364599	1045.57692974	1016.67650111	1044.52298565
628.500	40.48457321	1152.21385762	1049.68140385	1070.29799896
629.000	40.64731097	1232.22396583	1080.70817038	1098.92712468
629.500	40.62461444	1216.26587428	1112.18287888	1132.84275301
630.000	40.54260786	1213.60880881	1142.78846870	1165.39590149
630.500	40.43417852	1232.41887212	1176.67902921	1177.92566143
631.000	40.12019949	1263.61935610	1172.08174381	1174.11989130
631.500	39.74773165	1283.55201180	1142.34679059	1156.16852841
632.000	39.45236406	1267.38137074	1106.32810926	1112.69674622
632.500	38.86731252	1175.94906396	1058.45716645	1067.27738396
633.000	38.36831596	1047.79122286	1014.59590899	1021.60866079
633.500	38.28593365	990.20550789	981.47829752	981.05482624
634.000	38.24684785	997.24431812	954.26578329	955.79109318
634.500	38.43029523	1031.99607225	925.91648424	932.75472468
635.000	38.44111400	1001.02469899	898.93624483	910.74186584
635.500	38.20907904	939.85006034	872.36921156	894.19297890
636.000	37.93215058	899.97570011	856.08149640	880.13965341
636.500	37.71352987	889.28531571	846.26063111	867.25229906
637.000	37.66940767	895.45930058	838.34327494	857.92522756
637.500	37.65417902	896.08238515	830.92961481	850.25820417
638.000	37.26667683	887.82760427	824.17542363	843.28528349
638.500	37.02745649	874.98053198	817.67195525	835.31305500
639.000	36.69235092	864.07876229	810.45959471	828.58819516
639.500	36.27514897	852.37944417	803.50627205	823.58349818
640.000	35.86215155	841.09186921	796.38740787	817.64468370
640.500	35.19654970	830.40520819	789.14431884	812.67100869
641.000	34.85222277	826.16266877	784.30862139	808.30657211
641.500	34.93504722	828.72818564	779.66168487	804.62504455
642.000	35.21047195	834.68010929	774.76315074	800.34222255
642.500	35.61143513	837.01437232	770.80188985	798.57218742
643.000	36.00114539	833.51157131	770.72571421	798.42897361
643.500	36.43758323	828.04540816	773.90812449	801.06437081
644.000	36.82632198	837.52984773	779.68954776	809.21864685
644.500	37.29328743	851.51896902	788.77215325	817.32068081
645.000	38.03425270	866.45893723	798.34810119	825.26690544
645.500	38.42540622	873.40159872	808.58381391	834.17337470
646.000	39.01612502	873.04731153	825.85401921	852.12515136
646.500	39.43791628	877.58631450	843.93814473	870.12361193
647.000	39.84140946	900.03952798	874.46258351	886.98422690
647.500	40.21947146	951.90184886	894.45113972	898.48284000
648.000	40.29105228	981.36985958	893.70322128	903.87971596
648.500	40.07517117	963.32848697	892.07582646	905.39345859
649.000	39.57373481	930.22106793	888.59879269	907.48057555
649.500	39.15228108	904.24584681	879.08324252	904.79914317
650.000	38.44646619	899.69406127	867.82145507	896.35832779
650.500	37.37067572	892.00352899	855.93931049	883.55747119
651.000	36.65463513	885.95585229	844.50738113	870.75542284
651.500	36.16913133	878.84372180	834.08499026	858.14969238
652.000	36.06179574	872.53630734	822.12267964	846.82196119
652.500	36.06982809	865.45487448	812.82222475	835.79560188
653.000	36.25735383	862.72442757	808.32832677	826.37408175
653.500	36.67942605	864.60332410	804.75531397	819.89223676
654.000	37.20994720	864.66006288	800.75053955	815.97827093
654.500	37.70687571	855.90065158	797.61561383	815.57354968
655.000	38.00506142	846.98005420	795.51348646	814.40258982
655.500	38.28165595	846.75559035	793.15523190	813.65086600
656.000	38.49021557	846.81957611	790.84299325	812.73058574
656.500	38.46822360	844.71497625	788.92144770	813.75124248
657.000	38.33840065	838.36865373	790.81554135	814.68527348

657.500	38.23330910	837.47420306	797.75694418	822.81831337
658.000	38.59453233	845.92374139	806.88650598	830.33670251
658.500	39.14522223	874.36302951	814.54003307	832.70394144
659.000	39.50768474	895.55493574	821.39323307	836.65611942
659.500	39.25387634	900.88312651	824.93772400	839.43542191
660.000	38.58714547	895.32962840	823.76451609	844.20612928
660.500	38.11424000	876.88747844	823.39679006	850.50851438
661.000	37.88721616	861.82022426	821.65227087	853.12838788
661.500	37.46831777	857.28990092	818.34992873	850.19224316
662.000	36.97359800	860.73206759	814.97362556	843.53635162
662.500	36.70882977	862.37585835	811.20482498	834.02938953
663.000	36.66571738	858.51501353	810.15387355	830.42097724
663.500	36.71367249	854.98485558	809.57978291	829.65548148
664.000	37.06302134	855.54153555	808.85914038	828.82775431
664.500	37.61732114	856.15976400	808.20910759	830.00193839
665.000	38.10651107	856.83416186	807.52554076	831.23698761
665.500	38.27964504	857.46085205	806.79196322	832.52781447
666.000	38.28343439	858.09215836	806.13297704	833.79064019
666.500	38.22822565	858.73642587	805.37103357	835.07496376
667.000	38.04060874	859.34143967	804.65021549	836.33256606
667.500	37.64331779	860.04071963	803.85213230	837.62036552
668.000	37.02878661	860.56511347	803.19904192	838.85031968
668.500	36.41842078	860.77018495	801.65018600	840.19699203
669.000	35.86620824	855.22672238	799.14995877	840.94335092
669.500	35.01605901	852.69518128	796.74129795	841.05129173
670.000	34.30080976	853.54331433	794.32052422	841.27072624
670.500	34.26977202	853.63151581	791.82551795	841.43378174
671.000	34.51661334	854.10648986	790.06992047	841.62752201
671.500	35.10717441	854.36790600	789.07050906	841.80530729
672.000	35.48630294	854.73733474	787.93303685	841.99013244
672.500	35.71820885	854.82781962	786.88836304	842.17318675
673.000	35.65877567	854.82234367	785.73939799	842.35505161
673.500	35.84873866	854.83727843	784.98747227	842.54291822
674.000	35.76171486	854.81350504	787.68571925	842.71708826
674.500	35.48957229	854.83473077	790.92681349	842.92724304
675.000	35.20660837	854.77912196	794.33383366	843.16786287
675.500	35.23419077	854.88176822	796.05807751	843.39381496
676.000	35.30050835	853.93217091	797.63160106	843.62596402
676.500	35.28532403	851.97168928	799.29616856	843.85487857
677.000	35.28148045	850.88633638	800.91465206	844.08540762
677.500	35.48079032	850.90358820	802.56342230	844.31527401
678.000	36.43146748	855.53653896	804.14612004	844.54528715
678.500	36.70729369	867.52629445	805.27962305	844.79020943
679.000	36.56778326	869.10634611	806.13907365	845.00521940
679.500	36.08284448	868.55993194	806.98446996	845.23424953
680.000	35.24023845	867.97675140	807.82424129	845.46407011
680.500	34.55699758	867.18665379	808.67487166	845.69130832
681.000	33.81931547	866.80230556	809.49649749	845.92419171
681.500	33.28644815	866.93209769	810.36610818	846.14626674
682.000	32.93752427	866.68421664	810.79138151	846.38870903
682.500	32.86922962	868.73075519	810.58265708	846.58784905
683.000	33.08837865	871.52273999	809.36459941	846.93730521
683.500	33.48332476	867.76053518	808.16485595	848.20870317
684.000	34.07371539	864.64054534	806.99403487	849.42309007
684.500	34.89805651	864.70155710	810.22061696	850.64272704
685.000	35.69152869	866.00976903	816.13656389	851.85339467
685.500	36.32610265	874.85443949	822.32892056	853.07843236
686.000	36.49328311	884.38762119	823.85533704	854.27742537
686.500	36.46132912	889.15244966	824.78286761	855.52420222
687.000	35.94913053	888.70274033	825.83421064	856.68534111
687.500	35.46279161	878.37704108	826.83457120	858.05290671
688.000	35.14303614	870.17881760	827.87303553	859.03647391
688.500	34.93173633	871.12649716	828.75984827	859.30894405
689.000	34.88108928	878.67285640	828.77975563	859.80431397
689.500	34.89466606	884.15056992	828.85182128	860.11010107

690.000	34.88581041	884.36985638	828.69921876	860.69001474
690.500	34.89334380	884.17777654	829.00571736	860.14436498
691.000	34.88395582	882.32030569	826.17866313	857.77007040
691.500	34.90130537	880.73147221	819.70224868	855.46057314
692.000	34.84525247	876.26666103	814.80261440	853.12000694
692.500	34.54578290	870.89374867	809.32818800	850.73326208
693.000	34.32789096	867.41545062	806.85661157	848.83458017
693.500	34.32387946	870.07834228	808.24231939	848.13190817
694.000	34.55140764	873.09355059	810.39540607	847.60835148
694.500	34.73691154	876.31733216	814.11645447	846.97101985
695.000	34.94408670	879.33689018	817.38018249	847.17182933
695.500	35.11301724	882.65854558	820.48713925	848.03676530
696.000	34.93225838	885.46901732	820.25341818	848.75359850
696.500	34.89093035	887.59541823	819.75951390	849.53833674
697.000	34.85327638	881.38219365	819.14181758	850.28735348
697.500	34.63958332	869.39794948	819.51806653	851.04906005
698.000	34.46348305	869.80532500	827.76826917	851.81596850
698.500	34.69260288	884.73425789	831.70007614	852.54338864
699.000	34.92055659	897.87772778	832.39629025	853.20625200
699.500	34.85187116	903.00956195	833.60172932	853.90321013
700.000	34.64797122	898.87068761	834.54263591	854.46580112
700.500	34.43514805	895.36183275	835.63326031	855.73619742
701.000	34.10227614	893.55013117	836.64203637	857.96379969
701.500	33.81401296	893.27802548	837.69551451	858.91191459
702.000	33.74006946	894.77649513	838.70273608	858.80570826
702.500	33.94116217	895.87667262	838.81789294	858.85541278
703.000	34.28787373	898.76898980	838.81210450	858.82736727
703.500	34.56933182	901.26432941	838.78960362	858.84260341
704.000	34.69662650	900.09888067	838.84950103	858.83494569
704.500	34.57397111	892.99266919	838.73228988	858.83572161
705.000	34.15891416	887.23174911	838.97060251	858.83626320
705.500	33.67533384	886.88009867	837.12926760	858.80576199
706.000	33.33009250	886.83054822	834.18685491	858.45849086
706.500	32.83604319	886.98027688	831.64265837	858.04513315
707.000	32.32342808	884.95830518	829.10405967	857.64844108
707.500	31.70912368	878.11548016	826.19591320	857.23501337
708.000	31.08970981	874.75132980	824.86077107	856.87955723
708.500	30.70879165	878.06685924	825.57175278	857.08138511
709.000	30.48788748	882.90986982	826.24720274	857.36334772
709.500	30.52497995	886.37628323	826.50071822	857.64371669
710.000	30.50859920	894.98592334	827.51550232	857.89404381
710.500	30.51438589	901.37924471	825.88360815	858.21212043
711.000	30.51853076	891.40496587	818.85123358	858.39904932
711.500	30.50473950	870.69769600	816.70157294	858.84489416
712.000	30.56125641	865.42748434	817.77402188	857.76942819
712.500	30.76059516	873.23179964	818.68380045	855.59537325
713.000	31.10506801	887.97213502	819.23400910	853.59091606
713.500	31.39160354	886.60447108	819.66510359	852.72992729
714.000	31.50477618	882.83507720	820.15168697	852.82212998
714.500	31.53245242	883.07177573	820.59893441	852.83026759
715.000	31.22676859	886.80210179	821.10035881	852.70767385
715.500	30.94234508	889.29762895	821.51809507	853.89514158
716.000	30.78712247	888.14363025	822.07688103	856.12676449
716.500	30.53949309	884.09309854	822.36237450	858.05147900
717.000	30.66413129	880.43746718	824.26551791	860.11560449
717.500	30.72827222	885.20975263	827.97363561	862.10175714
718.000	30.72067125	895.47935457	831.60990624	864.13188842
718.500	30.55262277	901.53549452	835.11755337	866.13102361
719.000	30.05780942	905.24852954	839.06156599	868.16359953
719.500	29.51751750	910.48131853	840.54201886	870.14380154
720.000	29.14989543	913.45150800	839.13768257	872.21437097
720.500	28.73120004	911.76141114	838.27472869	874.06370155
721.000	28.32867258	902.69024588	837.04656269	876.24435115
721.500	28.06412609	898.32441327	837.41547966	878.65774536
722.000	28.41702495	901.07310255	839.25964853	880.90643871

722.500	29.14842538	903.29345334	844.38286672	883.12784177
723.000	29.53828229	902.34151764	849.72736137	885.53955462
723.500	30.32390333	907.02722496	854.97161796	887.52189842
724.000	31.08805284	917.99116946	860.47413850	891.17995694
724.500	31.48596867	928.25499969	864.15576559	895.05694235
725.000	31.50094410	931.19304344	867.86985114	902.47504844
725.500	30.96697735	925.61580561	871.50581914	912.36386497
726.000	30.63679131	921.60128201	875.44820049	916.29648013
726.500	30.52157175	920.15783735	882.99990869	918.26144425
727.000	30.51630407	927.50172471	890.21225112	920.21016235
727.500	30.52200659	947.06664347	890.99767839	922.09957105
728.000	30.38944043	949.15736596	890.96207234	924.13019905
728.500	30.21441812	941.88826983	890.74281480	925.18857705
729.000	29.85885969	936.71931489	892.42712896	925.36579346
729.500	29.67475194	932.58922499	895.39087757	925.65439081
730.000	29.46972313	951.98167660	899.14749425	925.91575218
730.500	29.26942275	971.66816336	900.53314665	926.13328753
731.000	29.10427018	966.23218606	895.45441505	926.47947747
731.500	29.14170190	958.42198395	891.12368008	926.55282043
732.000	29.08799103	957.35182432	891.32592524	928.55427779
732.500	29.45677634	960.04605707	898.36590389	933.71063983
733.000	30.03610968	961.05439550	904.39271024	939.26770247
733.500	30.31720947	967.54528138	920.81549883	958.49597595
734.000	30.68316600	986.43306806	961.05137495	981.21856236
734.500	30.76273572	1018.27554320	1003.23529892	1002.77638978
735.000	31.07372481	1171.49436499	1048.00173030	1024.57304653
735.500	31.27557349	1223.66499776	1065.49987687	1049.32557463
736.000	31.21690191	1270.57313041	1075.65590223	1074.76303221
736.500	30.90066790	1201.89128975	1081.17782760	1108.24473473
737.000	30.71073751	1135.62662758	1097.40682017	1133.36443245
737.500	29.99048702	1151.63183481	1124.10031090	1148.60139784
738.000	28.70631262	1207.86316294	1133.67667882	1168.00425296
738.500	27.18104251	1195.01229916	1149.61647370	1180.39866450
739.000	23.99306867	1216.55211620	1172.22224262	1194.64881174
739.500	22.01968824	1304.17627707	1194.28423328	1207.60140840
740.000	20.01337473	1398.61395309	1218.04702596	1222.49282087
740.500	17.47238814	1404.43619737	1246.44939720	1240.93454224
741.000	15.52899008	1405.74265288	1276.20707237	1265.63134545
741.500	15.25966924	1414.98714505	1301.00121319	1295.36077370
742.000	15.29325771	1442.26647724	1320.09172512	1322.81250372
742.500	15.61129193	1455.65996193	1331.78166139	1334.03634634
743.000	15.93791169	1455.69524508	1337.86793282	1344.20127364
743.500	16.45465064	1455.65075886	1344.05175803	1354.30715882
744.000	16.97795566	1454.62635121	1350.43294850	1364.68299526
744.500	17.50368598	1452.70624710	1356.66220883	1389.93329846
745.000	18.15997447	1461.18726109	1362.81527010	1408.60886566
745.500	18.65771580	1488.31223094	1369.51501527	1420.76594817
746.000	19.36003652	1482.83512195	1371.78351014	1429.67354230
746.500	19.74809031	1432.10418911	1375.08185667	1431.42098680
747.000	20.21434615	1384.98464691	1385.06178527	1427.44678229
747.500	20.64246435	1416.89130447	1401.77311020	1423.34208724
748.000	20.93555824	1471.74851349	1390.22912254	1400.86705061
748.500	21.82292479	1461.63113204	1351.92615408	1356.57799446
749.000	22.88686657	1417.24549080	1289.92855574	1299.99372995
749.500	23.86792831	1364.49795827	1221.47014656	1236.02574827
750.000	25.99604412	1308.37750915	1154.11540953	1189.25136392
750.500	28.19784205	1191.25178589	1109.87393504	1162.57683796
751.000	30.30100254	1150.96108232	1096.48433148	1132.59358112
751.500	31.15627770	1157.68653043	1082.34451956	1105.02787980
752.000	32.11879425	1172.78921493	1069.68025361	1075.93544815
752.500	32.46740166	1191.84157138	1055.12327200	1064.49300698
753.000	32.54126622	1187.42606699	1047.87126376	1071.17049060
753.500	32.45376418	1099.53671741	1052.85268963	1081.94812634
754.000	32.31721325	1104.86396104	1078.25381140	1093.73289626
754.500	32.14041705	1217.92203711	1100.22686849	1105.42809572

755.000	31.81693642	1337.14495315	1103.85002468	1116.37934166
755.500	31.74900107	1288.16978259	1112.09669450	1123.23098048
756.000	31.47008990	1169.59814965	1114.77006077	1141.93689521
756.500	30.93768386	1159.82171590	1139.19915254	1154.55543956
757.000	30.75155574	1202.17169951	1163.12782101	1155.84793447
757.500	30.25584266	1293.84562144	1151.32172922	1152.00551192
758.000	29.71356843	1269.43853279	1130.58411059	1140.32045851
758.500	29.32985864	1193.60439753	1097.58822113	1129.41449122
759.000	28.82008626	1121.34628667	1077.04450212	1118.81749322
759.500	28.58072867	1104.37609372	1068.77472121	1111.82063919
760.000	28.78497213	1114.68455242	1073.54262238	1108.37453924
760.500	29.14987058	1193.49794997	1082.27862180	1111.99206503
761.000	29.36349607	1183.21319545	1096.76750309	1123.96916884
761.500	28.97786874	1148.10787793	1125.21940211	1157.76160051
762.000	27.47426809	1173.20658758	1162.38879873	1167.13031378
762.500	25.78680055	1197.90787168	1197.08264834	1440.10412016
763.000	23.58905954	1227.12926300	1220.93705735	1435.89658102
763.500	22.34686025	1274.33542570	1244.12492272	1395.22829666
764.000	21.35347078	1316.01181360	1264.87911575	1340.42899914
764.500	20.30458614	1353.19186055	1291.87469574	1370.84568990
765.000	19.14230329	1426.44788111	1322.39245274	1398.96221448
765.500	18.24353955	1453.22668456	1352.22866721	1409.43856761
766.000	17.79394874	1508.89425523	1381.41130889	1421.83660398
766.500	17.23608960	1549.02604709	1407.86231579	1432.93998183
767.000	16.79920141	1562.68197186	1425.15609871	1464.13168638
767.500	16.34182961	1571.39128282	1441.22823461	1488.75056860
768.000	15.93571262	1579.54992196	1458.31654246	1520.26746582
768.500	15.61954102	1587.92732680	1473.02344196	1546.69097246
769.000	15.28415902	1596.20248196	1484.47492833	1570.96896377
769.500	15.17912714	1601.33141745	1497.49787691	1582.14048603
770.000	15.08129564	1604.47430313	1503.81527288	1574.38507171
770.500	15.03199281	1607.72274972	1509.90827756	1579.63382295
771.000	14.95213052	1603.40110848	1515.70945539	1590.97067823
771.500	14.80654137	1601.83531122	1516.35350888	1592.38382327
772.000	14.67054051	1605.51760115	1517.29871055	1593.93869430
772.500	14.45774831	1606.12994997	1517.94847291	1585.89698921
773.000	14.34850645	1595.33267198	1513.35297477	1576.83272099
773.500	14.20419518	1571.02629219	1503.59749847	1548.30530195
774.000	14.26847510	1549.84705897	1493.53153411	1525.98350304
774.500	14.89477379	1536.73608413	1470.80504841	1459.31020921
775.000	15.56115567	1531.93605032	1408.62988412	1406.84894874
775.500	16.31249733	1529.38722355	1359.13691928	1340.58614374
776.000	17.50348574	1504.26693231	1292.41182216	1326.70092369
776.500	18.71000214	1395.09750549	1244.66062409	1323.23293159
777.000	20.18651779	1321.36779601	1247.98919696	1315.76258339
777.500	21.13102609	1331.25512242	1266.00832284	1310.65520484
778.000	21.18610275	1401.57095052	1296.57720117	1319.21842019
778.500	20.52304654	1482.82134938	1310.91898255	1353.76371599
779.000	19.32584927	1524.12591048	1322.35374023	1328.39852675
779.500	18.90927074	1494.72859785	1338.99523405	1344.10704828
780.000	18.24643485	1518.31289231	1396.29132364	1419.22504779
780.500	17.51695877	1608.43116701	1458.06482772	1495.25923950
781.000	16.96294651	1642.30835709	1503.94947683	1532.94331487
781.500	16.79248885	1626.48295762	1512.64488778	1547.95928476
782.000	16.78073162	1623.91738864	1531.05154120	1564.23558326
782.500	16.96023055	1638.04611540	1526.06056727	1574.58124163
783.000	16.85603711	1646.17220359	1508.91730785	1571.63186949
783.500	16.79286973	1655.55274393	1507.14181559	1562.39117191
784.000	16.76039468	1660.28339158	1505.45660249	1568.42759237
784.500	16.58680543	1659.72327667	1504.44859659	1588.87859998
785.000	16.48600283	1648.49909189	1502.54801569	1605.56763508
785.500	16.29399308	1630.49549837	1503.64622909	1618.55639476
786.000	15.95247260	1624.28749705	1508.58988674	1632.51513518
786.500	15.66361640	1620.06991510	1518.84234106	1651.32513555
787.000	15.06504766	1618.23953798	1526.97373627	1699.48613257

787.500	14.42090088	1605.80460987	1536.59887281	1736.83413006
788.000	13.59644503	1587.27461880	1548.29485112	1758.03102933
788.500	12.97623942	1572.00199147	1539.68276562	1836.29435269
789.000	12.69826440	1554.12256779	1538.24259134	1831.90361824
789.500	12.98124734	1546.01988714	1541.71095822	1790.46863829
790.000	14.19708122	1538.47516600	1534.53616468	1720.17972287
790.500	15.49746380	1524.30391797	1524.17923720	1661.44666588
791.000	16.65658046	1481.35469376	1485.12063859	1540.45679050
791.500	18.60733866	1387.43647482	1419.60440563	1450.89184828
792.000	20.40109229	1334.56935487	1356.54466677	1359.37716231
792.500	22.14072188	1351.51093138	1302.90629178	1287.65713725
793.000	24.48168353	1396.21995893	1225.42843937	1212.11904268
793.500	26.31913245	1286.86582867	1150.70664656	1188.65441984
794.000	28.57287776	1220.24528246	1123.72820451	1161.55847427
794.500	32.26758546	1219.12747965	1110.01158721	1147.45233606
795.000	33.17170961	1193.23671154	1099.34473546	1134.39366299
795.500	33.11647487	1188.28550040	1102.15547897	1125.10516228
796.000	32.79266618	1223.57969182	1111.78633585	1125.68809831
796.500	31.70394663	1310.18486570	1120.47945847	1135.72432332
797.000	29.83105309	1295.28166817	1124.86363342	1161.75103058
797.500	27.77044075	1254.47809039	1139.10352203	1193.17286382
798.000	26.13380804	1242.07991486	1172.47744893	1226.34807557
798.500	24.82903429	1271.83153161	1220.31934014	1264.74711857
799.000	24.06928825	1317.03363978	1263.30454977	1299.17690926
799.500	23.53993563	1363.53850226	1304.00600225	1335.27437422
800.000	23.21435686	1486.70461361	1332.07852944	1371.06684884
800.500	22.94742534	1477.44374263	1358.05026799	1405.05451154
801.000	22.75577351	1479.63636451	1383.85270813	1455.15150942
801.500	22.59443860	1484.73953985	1412.79120757	1521.84304032
802.000	22.13194622	1500.84874907	1463.15111311	1575.96338226
802.500	21.36975835	1561.76500254	1511.76924819	1599.54592066
803.000	20.73251875	1642.76411203	1546.15604130	1576.29905633
803.500	19.85950773	1721.10273393	1548.93682105	1552.34671451
804.000	19.05031900	1710.52118909	1519.52765543	1533.14593986
804.500	18.36483413	1682.51079045	1485.31046944	1526.36604164
805.000	17.58441069	1644.51235277	1465.97057993	1525.24784102
805.500	16.94107835	1608.34155689	1465.74064697	1529.82668620
806.000	15.75560000	1608.53761682	1488.65656527	1543.73132530
806.500	14.53730553	1656.15690432	1520.28385271	1546.51365385
807.000	13.07007510	1733.92692670	1528.78634506	1549.31166568
807.500	11.53425347	1768.73365275	1544.25953235	1558.19191842
808.000	10.49502309	1797.33524563	1566.12601557	1573.13105074
808.500	9.50852985	1792.27818137	1583.54624609	1613.58093492
809.000	8.51381031	1788.48300782	1598.73097725	1643.78689634
809.500	7.60895833	1789.89058601	1607.60657200	1649.64304223
810.000	6.66249476	1797.94219617	1603.60245280	1640.70076514
810.500	5.68074589	1790.07587292	1597.59595893	1611.58798520
811.000	5.07787206	1763.94301019	1574.34388055	1586.03865757
811.500	4.43783789	1755.02364122	1547.06946402	1575.74388851
812.000	4.08302024	1751.85449450	1526.43771322	1562.74719033
812.500	3.80279566	1736.49317562	1508.17215213	1557.66334831
813.000	3.54522439	1709.46688043	1498.14513787	1557.39715349
813.500	3.40578779	1684.83770573	1492.70570179	1553.53051628
814.000	3.29389255	1663.83272635	1491.48663243	1554.42734173
814.500	3.09654575	1652.87731848	1502.63528257	1553.63073358
815.000	2.55821778	1676.98791631	1536.56984831	1556.78155242
815.500	1.63448545	1729.15427670	1565.37705056	1566.71918931
816.000	1.01279396	1736.89917315	1579.52292809	1579.59659413
816.500	0.34362853	1733.15062032	1586.80740559	1587.05767361
817.000	0.01796066	1729.10048436	1585.24963922	1588.50314128
817.500	0.44866433	1717.49230730	1567.66785671	1586.33188745
818.000	0.99275749	1687.69313769	1530.53808177	1582.34905584
818.500	2.23887602	1663.15799540	1506.69801284	1574.81608661
819.000	3.76372044	1644.57631960	1503.00625979	1559.38156520
819.500	4.87313375	1625.48768074	1507.46913414	1555.82380875

820.000	6.01179293	1630.94953741	1529.15843076	1561.92173441
820.500	7.06019269	1661.09057797	1551.17982257	1571.50632504
821.000	7.69204991	1694.13455272	1574.91861132	1581.61799567
821.500	8.00614562	1719.74805314	1592.75850316	1594.25046255
822.000	8.21764416	1739.71621216	1600.29359365	1609.56883320
822.500	8.26691249	1760.13346981	1611.35631657	1620.36536098
823.000	8.12593296	1753.84163599	1612.30906198	1627.53561345
823.500	7.84976073	1735.96644362	1613.06823909	1654.52809400
824.000	7.50316529	1728.59152483	1620.78265802	1668.42846902
824.500	7.26888011	1735.28573539	1627.06070985	1663.21004926
825.000	6.97611978	1741.91514977	1636.73259283	1662.47815460
825.500	6.86489070	1748.70883627	1648.18688932	1658.13730370
826.000	6.83633950	1760.24634613	1654.17864191	1656.32524977
826.500	7.04224484	1765.35572588	1657.60121735	1656.47332201
827.000	7.33059205	1762.86664662	1657.27754835	1656.38776885
827.500	7.45174169	1743.82099749	1645.24949396	1656.36786921
828.000	7.48283241	1725.33080325	1626.79544695	1656.17279939
828.500	7.85561800	1712.69824937	1613.60461316	1651.95295310
829.000	8.11442731	1697.26849335	1593.07935731	1644.24262444
829.500	8.32175598	1682.08161918	1566.70428506	1626.08674647
830.000	8.48477319	1668.48839428	1562.18240207	1598.00218837
830.500	8.63268667	1655.30664718	1556.25637194	1603.07965026
831.000	8.65237678	1641.90276330	1537.12933784	1621.68705801
831.500	8.64336707	1629.13676005	1524.61742169	1624.56945375
832.000	8.68009540	1614.66311377	1515.85563175	1623.78546737
832.500	9.01689800	1602.39392904	1512.35766725	1615.66853779
833.000	9.03496707	1593.23381758	1516.99970761	1602.81559913
833.500	9.19673106	1582.47399409	1523.23869131	1585.61901019
834.000	9.24445881	1572.38317107	1527.01282369	1574.20492209
834.500	9.38002831	1561.93608326	1527.58298658	1563.54742603
835.000	9.58591743	1551.66861351	1524.25391256	1557.43005511
835.500	9.82781993	1541.32972369	1518.75145562	1544.85400678
836.000	10.23485887	1530.96662602	1502.73820661	1531.88093157
836.500	10.63934287	1521.01688562	1493.68060943	1525.36653343
837.000	11.00757246	1516.44948532	1491.17574671	1518.41892282
837.500	11.67256863	1517.09956495	1490.78242511	1516.72341654
838.000	12.95210251	1519.84249778	1496.32444628	1515.21403147
838.500	13.55141671	1524.24369026	1506.80511237	1514.40531885
839.000	14.62041480	1530.20216667	1514.89970669	1517.69508433
839.500	15.45491740	1535.90175140	1522.71919638	1525.36406399
840.000	16.16725752	1541.73586299	1531.01329221	1535.34795714
840.500	16.80367688	1547.48043460	1535.99322631	1541.72599032
841.000	16.80258921	1553.22913935	1540.74707396	1545.89722473
841.500	16.77216939	1559.91415262	1537.64034727	1546.35711492
842.000	16.44839980	1571.58655264	1528.24425010	1550.21496776
842.500	16.33352795	1586.45694941	1528.21181681	1552.64584847
843.000	15.77136595	1581.35151501	1528.12683499	1554.72305521
843.500	15.61603726	1568.62447269	1527.84740136	1556.31110865
844.000	15.41862704	1571.49375173	1531.51790387	1562.40561231
844.500	15.04275493	1579.48183022	1541.36734272	1577.54836305
845.000	14.95563511	1587.73923443	1540.65362716	1596.54679672
845.500	14.79923295	1589.07522966	1537.32390612	1608.97687551
846.000	14.80145130	1568.66939541	1534.65715493	1617.15562060
846.500	14.95191035	1541.54328302	1535.93174531	1620.68471025
847.000	15.02723211	1531.12444775	1538.91039294	1623.39537549
847.500	15.18466343	1526.39515333	1549.36614224	1630.12879301
848.000	15.63377235	1521.22816193	1547.32609305	1656.76172030
848.500	15.85073608	1512.70196442	1539.94382314	1688.53251867
849.000	16.47588590	1502.48564711	1517.00721840	1697.98310679
849.500	17.05283448	1486.89432338	1494.31738118	1705.97493197
850.000	17.65990649	1465.47291053	1481.82041887	1694.96275103
850.500	18.16677177	1447.26223620	1469.11195980	1667.06767283
851.000	18.84328487	1435.50876700	1449.27082141	1633.88713957
851.500	19.56542371	1404.74144730	1421.24461509	1617.07241936
852.000	19.77441675	1372.16282761	1414.98462865	1617.02103483

852.500	20.45413960	1355.82186527	1418.31505036	1587.46855183
853.000	20.97171091	1355.18004568	1423.48840722	1545.06599154
853.500	22.06243153	1357.97162101	1420.22202003	1488.17449492
854.000	23.55845449	1360.00637328	1410.13232297	1432.84291519
854.500	25.27234770	1336.20769227	1369.72491001	1382.06999545
855.000	27.65325733	1287.64584126	1307.68979982	1293.58055257
855.500	29.07971529	1238.06738144	1252.00552593	1216.92112314
856.000	31.85545154	1194.04684407	1188.71966327	1165.03754388
856.500	35.30832763	1130.38472043	1145.69296822	1126.43142949
857.000	38.20819933	1081.57033895	1130.40780592	1095.92180325
857.500	40.31660808	1087.17350607	1112.57816214	1085.27242607
858.000	42.02522949	1096.56856402	1086.43148423	1081.31912776
858.500	43.20114220	1141.34036686	1082.66032916	1079.54801953
859.000	44.00632839	1163.69546458	1078.80466973	1077.52138320
859.500	44.43032862	1164.97533772	1075.84763314	1077.30961349
860.000	44.79412886	1162.69443188	1073.32319658	1077.21743417
860.500	45.11292441	1147.71067055	1070.65954567	1079.29505343
861.000	45.25416182	1126.98568555	1066.62771868	1081.62264449
861.500	45.20423869	1105.43232957	1066.39418211	1086.47816104
862.000	44.81435605	1104.07135733	1074.47344655	1100.01394316
862.500	44.04183213	1118.86974288	1093.00083085	1122.33698341
863.000	43.21921170	1155.85425513	1126.53486062	1144.90793304
863.500	41.93724720	1197.35846894	1173.38327739	1156.01279427
864.000	41.03098405	1428.84889601	1218.35511143	1181.09252976
864.500	40.39667864	1526.38997474	1249.00877770	1218.22739812
865.000	39.88303536	1440.77645147	1269.46521532	1248.02889312
865.500	39.86875984	1338.52764355	1275.31943016	1264.96129982
866.000	39.83279400	1347.99669493	1275.18286461	1269.96911238
866.500	39.50142017	1362.31701463	1251.47414278	1269.50058419
867.000	39.20906667	1303.11950188	1219.39276092	1269.54157648
867.500	38.14656238	1239.14926059	1220.88353037	1269.88637420
868.000	36.17187838	1257.46917387	1237.07065029	1273.25229688
868.500	34.05287704	1381.16309084	1288.78888457	1280.47375241
869.000	31.83353391	1460.45455678	1310.23808449	1306.08474077
869.500	30.46714883	1500.81112617	1341.55190750	1338.44355202
870.000	29.27715589	1507.17308606	1374.87079202	1384.38023882
870.500	28.00042873	1513.02256288	1419.84425784	1435.93583717
871.000	27.17779634	1532.75246742	1457.31770799	1462.13009501
871.500	26.62567639	1566.63109085	1471.97155364	1478.06563630
872.000	26.07360519	1600.31231393	1469.22294155	1470.69686364
872.500	25.54185819	1605.59894575	1443.87625381	1444.14060497
873.000	24.93048121	1581.10876353	1391.54372430	1430.58001275
873.500	24.56546832	1531.50552132	1352.40323523	1423.78415180
874.000	24.00893725	1436.53477589	1345.79064007	1419.95708378
874.500	23.43380496	1445.07707001	1362.82669223	1417.01096295
875.000	23.27079884	1499.69287028	1382.96390794	1422.09734776
875.500	22.99388554	1543.36954804	1416.30700888	1431.48049320
876.000	22.96171781	1536.34929727	1455.71244125	1436.28347460
876.500	22.31215958	1558.93506695	1481.96197554	1444.25233185
877.000	21.05894061	1590.89540981	1490.00331288	1456.99425163
877.500	19.78517328	1619.03102571	1478.71893911	1485.97506427
878.000	18.71703460	1627.15944796	1473.92012131	1513.42567676
878.500	17.68146400	1615.76032405	1487.23906795	1555.44446582
879.000	17.03547803	1609.10152906	1505.10995469	1578.12258041
879.500	16.48509175	1607.48039113	1508.46654594	1579.82377844
880.000	15.76500385	1606.17819018	1506.70561326	1574.80977092
880.500	15.18063463	1606.31167316	1504.21996063	1564.84410909
881.000	14.85443698	1606.44647887	1505.91232328	1560.13069697
881.500	14.75885695	1608.07707430	1509.88097080	1557.95169268
882.000	14.55923064	1615.88170730	1516.16910032	1565.71454044
882.500	14.38714025	1626.36699771	1521.93375357	1573.74529923
883.000	14.57183296	1620.28786707	1522.60908659	1582.72449231
883.500	14.58390233	1605.44967762	1524.36574797	1595.39638270
884.000	14.21967626	1604.18030539	1529.33552229	1598.77584292
884.500	13.79185072	1604.39647588	1541.59936260	1596.58485906

885.000	13.53044883	1603.68298190	1545.09596861	1596.48224227
885.500	13.09425582	1595.42504699	1538.55496681	1594.71991066
886.000	12.99043173	1584.97469040	1525.02283244	1595.72524880
886.500	13.09714081	1568.77805822	1506.26790152	1596.28788329
887.000	14.66634156	1557.13325347	1495.78215734	1591.97168469
887.500	15.67379256	1547.61131768	1485.82367315	1581.47320744
888.000	18.00396095	1539.55473371	1466.85902443	1559.17698077
888.500	21.22486898	1529.22668742	1447.45885254	1534.73395540
889.000	24.08077103	1510.99277363	1434.54475800	1514.63266834
889.500	28.55871438	1484.99946697	1429.96054259	1504.18910615
890.000	29.50479110	1461.37378933	1438.37823751	1499.52577449
890.500	29.04242623	1469.50750289	1452.91989889	1492.44806687
891.000	28.56491176	1486.36470235	1446.02113099	1477.25002297
891.500	28.13552295	1487.54902854	1423.96970401	1444.77508360
892.000	28.25215653	1466.16509114	1402.46279300	1425.31580942
892.500	28.59400681	1449.62478744	1372.61452634	1417.34996080
893.000	29.23109694	1420.11356959	1357.47098076	1416.12693047
893.500	29.57875492	1367.32829697	1355.86217008	1424.82680900
894.000	29.25521686	1374.18820013	1366.24631582	1435.92887166
894.500	27.99615501	1423.74643268	1396.28254914	1437.54313552
895.000	26.88447632	1473.59001745	1402.15673568	1423.03290977
895.500	26.34170263	1466.61659385	1394.67407925	1409.97464175
896.000	26.10019445	1446.47330924	1367.02784844	1409.83181829
896.500	26.20915002	1258.95108920	1335.09319640	1413.40795231
897.000	25.71720588	1285.07339331	1341.74390978	1409.94417411
897.500	24.74762335	1394.73087295	1378.62174841	1405.67195022
898.000	23.77516002	1384.56298663	1416.06778929	1402.92669153
898.500	22.71850189	1599.36736453	1460.30355353	1460.63071710
899.000	22.03694386	1569.19539710	1493.59753990	1522.71008050
899.500	21.61539822	1560.77502272	1496.67288945	1510.98149749
900.000	21.14525258	1563.60540644	1458.35003052	1491.28606486
900.500	20.66473102	1569.16982773	1432.08254528	1485.79017507
901.000	20.37209218	1574.34636481	1434.86111357	1482.42541488
901.500	20.00372998	1579.30057878	1434.84362033	1483.07904003
902.000	19.39297437	1580.52186585	1442.24220269	1488.84583877
902.500	18.70620833	1584.10918681	1450.71406061	1496.86357947
903.000	17.60299466	1589.90113028	1468.38940095	1505.65630003
903.500	16.56899432	1594.48707902	1484.38383874	1517.75592776
904.000	15.82826246	1602.46249367	1502.28712323	1527.61230080
904.500	14.86124057	1607.90947455	1523.93247591	1547.21377435
905.000	13.98967758	1605.86534128	1535.24121417	1559.34726205
905.500	13.37804763	1617.36636379	1558.14731562	1582.46108531
906.000	12.61933324	1637.27259711	1596.18723943	1616.36988959
906.500	11.87004390	1724.31606609	1634.87060209	1647.15304231
907.000	11.24545676	1779.48719667	1648.16924363	1680.12613231
907.500	10.42458553	1822.08293914	1655.58036988	1706.58152278
908.000	9.76786152	1838.29530790	1675.62993327	1734.54837986
908.500	9.24434685	1841.21914226	1682.58496870	1743.53663617
909.000	8.84889690	1841.13189346	1675.30644990	1758.72416637
909.500	9.04772227	1839.86911175	1664.90329983	1774.35268027
910.000	9.18204230	1831.22746364	1642.17168022	1774.39892203
910.500	8.89384905	1817.61257270	1626.29267998	1764.62951072
911.000	8.65479681	1800.98976505	1625.08949055	1755.91650940
911.500	8.24179712	1785.82999277	1624.09361691	1743.55758464
912.000	7.86872403	1770.60762274	1624.16462547	1733.42747217
912.500	7.30993797	1751.64941851	1624.59422959	1734.56363738
913.000	6.71550018	1728.40235060	1613.47747336	1719.50436306
913.500	6.06932172	1707.09074620	1601.75987120	1699.38182585
914.000	5.38644006	1681.97964718	1594.62456655	1690.16713698
914.500	4.87000051	1658.23314351	1592.25155011	1686.68379046
915.000	4.45140824	1634.54606056	1590.44002624	1677.89841335
915.500	4.24340618	1613.09577902	1586.62377205	1649.20888286
916.000	4.30911724	1607.71223484	1579.04517733	1617.27702638
916.500	4.65125483	1633.30483882	1570.32397262	1584.62129993
917.000	5.10084451	1623.09647976	1534.12851193	1558.29457669

917.500	5.85414934	1577.77946899	1483.22387978	1546.36570817
918.000	6.66414158	1519.96309194	1449.31665946	1531.10010686
918.500	7.42492939	1488.02017387	1437.47547322	1517.48507754
919.000	7.87894897	1476.50844351	1436.17017727	1505.68433496
919.500	8.57311726	1468.39447467	1436.00779100	1492.85327732
920.000	9.16582241	1468.32374854	1438.48882021	1483.73006407
920.500	9.28554786	1467.71882965	1439.68336463	1484.26454401
921.000	9.44488395	1460.31180044	1435.28699260	1488.44722135
921.500	9.44309205	1453.58682656	1431.36123219	1500.16126250
922.000	9.44770208	1446.03338651	1432.64839057	1515.07294134
922.500	9.44345487	1438.46077260	1433.74605995	1524.25532031
923.000	9.44473184	1435.40240928	1435.82620944	1523.91869336
923.500	9.44132957	1435.37187787	1439.22753629	1524.34171473
924.000	9.44416667	1434.80419567	1441.46582523	1525.13225216
924.500	9.43730072	1434.54362469	1443.82266750	1530.29599709
925.000	9.44822440	1434.04488356	1446.62078832	1534.52655163
925.500	9.42489706	1433.95962623	1447.70586616	1528.13829126
926.000	9.61881112	1433.83163188	1444.17709300	1520.20583631
926.500	10.05319438	1434.12436104	1438.01870907	1510.96279072
927.000	10.41926123	1431.92403381	1431.31266628	1504.24651110
927.500	10.88877373	1427.49413981	1427.36929335	1493.37121121
928.000	11.44323458	1423.35815412	1422.36701445	1487.56102922
928.500	11.83160209	1419.97207304	1419.51065560	1485.42323112
929.000	12.20060212	1420.13970663	1421.39456928	1484.01826379
929.500	12.23738152	1423.34615011	1424.38242946	1482.53408827
930.000	12.20190988	1427.14393445	1427.25270586	1483.09189933
930.500	11.93515854	1430.71884637	1430.17011158	1488.69338961
931.000	11.72022631	1434.53856064	1433.03309586	1497.58178314
931.500	11.44332730	1437.98207801	1435.97656734	1497.93818714
932.000	11.02610187	1442.17271297	1438.73925971	1499.56843624
932.500	10.76455797	1443.12130102	1440.99381835	1500.16229306
933.000	10.63653924	1440.30973569	1441.37337452	1500.03419375
933.500	10.49398043	1437.77796389	1437.47509762	1500.02928091
934.000	10.40537189	1436.25863594	1433.96288975	1500.15239377
934.500	10.59353243	1438.85478877	1435.78136731	1499.81167047
935.000	10.63527154	1441.12051655	1439.16736642	1503.06722117
935.500	10.66569751	1443.48503748	1441.17261497	1505.78671971
936.000	11.02151079	1445.80591642	1443.60569345	1505.86064063
936.500	11.44770904	1447.98282214	1445.83068898	1506.60161502
937.000	11.70303567	1449.93956357	1448.01647423	1507.56275443
937.500	12.12871914	1451.75374934	1450.06927437	1506.17840601
938.000	12.39193148	1453.67137504	1452.02308124	1511.99697318
938.500	12.65507023	1455.39422204	1453.99123096	1518.69577370
939.000	12.83163771	1457.45981832	1455.89051324	1522.48939096
939.500	12.86753984	1458.82228041	1458.11783526	1527.77483892
940.000	13.03984657	1463.48687841	1462.28040628	1529.33865367
940.500	13.02207065	1470.05708641	1467.25943625	1525.97924076
941.000	12.99127510	1472.89039097	1470.55284421	1521.65315097
941.500	12.65288948	1464.86968419	1464.45146199	1514.58899497
942.000	12.41186602	1448.61009789	1448.82668172	1507.18021387
942.500	12.05470278	1445.68425327	1446.65148513	1505.65512181
943.000	12.02947803	1446.27209483	1445.12321192	1506.63309414
943.500	11.88449040	1444.17694130	1444.04205510	1501.35758556
944.000	11.79559408	1427.59716770	1428.14588550	1492.00509151
944.500	12.00982847	1420.93857068	1416.70924210	1483.31925169
945.000	12.41878242	1420.96900418	1418.38879157	1479.34807568
945.500	12.60401397	1419.91414364	1417.57480262	1479.33203547
946.000	13.09951878	1419.45972862	1417.99412575	1478.72183455
946.500	13.49083501	1418.60548368	1417.86759010	1478.12425289
947.000	14.11296704	1417.95829652	1417.71886221	1480.29349659
947.500	14.60450811	1415.53366797	1416.88553477	1487.31534356
948.000	14.88475762	1413.67803276	1414.09393022	1489.80441960
948.500	15.24819400	1414.28454145	1412.03985537	1488.74992995
949.000	15.45841231	1417.11394725	1415.62147687	1485.46705249
949.500	15.99966881	1419.65268095	1416.96657290	1476.01749324

950.000	15.99944968	1414.41733415	1417.41239598	1468.63536738
950.500	16.01703467	1403.79815421	1404.93778866	1468.63173264
951.000	15.97231910	1392.92110988	1392.45396569	1469.51421529
951.500	15.61563441	1389.80544886	1391.85807827	1469.62586430
952.000	15.30293585	1390.88125134	1391.81244036	1466.66946338
952.500	14.81929566	1391.12040556	1391.72237985	1462.24228150
953.000	14.39375737	1391.77106027	1389.87306130	1456.57001950
953.500	14.19517842	1390.30757874	1387.78055866	1454.33120867
954.000	14.21870009	1388.22848635	1385.73158900	1452.39840936
954.500	14.20818559	1386.23882578	1383.67142352	1450.33375292
955.000	14.23528973	1383.96338357	1381.61727468	1448.32444430
955.500	14.62517098	1381.10446473	1379.55577184	1446.28158984
956.000	14.82119128	1377.63833577	1377.47422385	1444.25924855
956.500	14.93856866	1374.32751243	1375.44040681	1442.24024605
957.000	15.07198462	1370.83114367	1373.31622407	1439.86103914
957.500	15.24453672	1367.63153329	1371.36221834	1434.38929318
958.000	15.60132782	1363.79467198	1369.01302710	1427.97871197
958.500	16.00910272	1361.56746707	1367.76445747	1423.90265859
959.000	16.40481654	1361.80738744	1368.29581778	1420.64986555
959.500	16.77852141	1362.05003468	1368.57670045	1420.40712462
960.000	16.79538888	1363.00354202	1368.96844526	1421.65410699
960.500	16.82602450	1363.77282605	1369.33484577	1422.58486589
961.000	16.70745815	1366.28082423	1369.83675025	1423.91651685
961.500	16.22307894	1368.44632262	1373.39675125	1429.22355128
962.000	15.70585310	1373.74320296	1378.44371880	1436.84661066
962.500	15.08683408	1382.15590890	1383.24907065	1443.44278619
963.000	14.60536461	1387.69022087	1388.16759191	1445.62983647
963.500	14.38284429	1389.05085213	1393.28047301	1446.99581924
964.000	14.44677386	1389.94394250	1394.26934818	1449.82457427
964.500	14.93397725	1390.92576499	1394.46583674	1454.50710241
965.000	15.57231769	1391.81020155	1394.85854716	1455.87683531
965.500	16.01030730	1392.86788967	1395.20279348	1455.14111228
966.000	16.37319536	1393.56966434	1395.54650096	1454.81020563
966.500	16.40167614	1392.65843418	1395.40310930	1454.20732185
967.000	16.41744909	1388.76080049	1388.48106537	1454.05666635
967.500	16.35162018	1384.87276866	1387.37810058	1454.49501464
968.000	16.20120967	1391.03602836	1391.82942682	1454.82734660
968.500	16.19524362	1400.73204591	1396.60451374	1455.30155701
969.000	16.26258290	1407.64331034	1410.72352203	1455.50396322
969.500	16.26447239	1402.03858709	1406.48976808	1456.80711533
970.000	15.93248656	1399.27979735	1399.15767756	1465.03051196
970.500	15.64005315	1400.16124396	1400.27267027	1466.20129015
971.000	15.14949874	1399.66154769	1399.52562794	1465.72389793
971.500	14.64740509	1400.29080515	1400.85590727	1462.59341039
972.000	14.10396406	1405.57745064	1408.27899533	1460.10533838
972.500	13.49469186	1411.35873821	1413.18376298	1459.96749608
973.000	13.25422237	1402.79187238	1405.14503357	1460.18655044
973.500	13.20879265	1392.67201571	1396.54343880	1459.20155824
974.000	13.23971814	1395.38832900	1396.75160785	1453.66041543
974.500	13.53261266	1402.35519899	1391.65291732	1445.89318129
975.000	13.88149273	1407.45202965	1380.64441742	1438.69520363
975.500	14.49286490	1393.36084540	1370.35682409	1425.51872001
976.000	15.05522631	1371.07794120	1362.37203161	1414.10804785
976.500	15.34872656	1364.46152763	1359.18992372	1411.50948856
977.000	15.57399257	1364.25189609	1360.03034069	1413.32176308
977.500	15.61631320	1365.95490699	1359.47431486	1415.18905270
978.000	15.60914946	1372.46356478	1367.02845482	1417.79727369
978.500	15.48512573	1385.02630433	1387.51708881	1422.97713622
979.000	15.20487213	1398.03991566	1402.17693323	1430.46007304
979.500	14.95559508	1407.54381083	1410.87952505	1440.24920222
980.000	14.64870664	1407.85407267	1413.70769614	1457.06006100
980.500	14.20807925	1407.91824327	1416.83588263	1466.88816012
981.000	13.96580698	1408.09459053	1419.85684766	1465.70409637
981.500	13.75133713	1412.46048240	1422.83155823	1465.73430020
982.000	13.62027371	1418.01873928	1424.61784019	1465.00091696

982.500	13.46671370	1421.23035545	1425.27982618	1468.20593131
983.000	13.40826429	1423.04862426	1427.44588791	1470.48803403
983.500	13.40735876	1425.19503780	1430.37711100	1474.82054727
984.000	13.59230016	1426.69089399	1434.32535956	1478.17340575
984.500	14.02902764	1432.21537927	1439.84118038	1481.70716226
985.000	14.38941795	1442.10394971	1452.52140994	1487.80371380
985.500	14.64090110	1448.40249590	1459.31565041	1490.17001203
986.000	14.97194409	1453.24544293	1459.59316077	1491.71193886
986.500	15.14630557	1449.03799026	1456.68536343	1496.22775570
987.000	15.38656875	1442.43775049	1454.27870912	1502.47227852
987.500	15.36195939	1442.01898991	1459.64338532	1512.51522398
988.000	15.20694559	1445.40006808	1465.22348148	1518.96657137
988.500	15.07023998	1457.60065246	1472.21571809	1515.70939183
989.000	14.99212911	1466.33553325	1471.16397134	1509.55251959
989.500	15.02245758	1463.66176095	1463.21982924	1504.32031247
990.000	14.99934813	1446.99583657	1435.86075363	1502.74260355
990.500	15.02398395	1429.97036947	1416.98137967	1494.93123993
991.000	14.95955579	1416.05857726	1406.34727472	1479.88508885
991.500	14.66979415	1408.45454348	1392.26584209	1472.74180358
992.000	14.40856588	1397.29359878	1388.15382332	1464.45744373
992.500	14.17645620	1390.81874479	1385.58303528	1456.17605951
993.000	14.26313045	1389.47359681	1383.08286800	1450.32651493
993.500	14.54116407	1387.78338303	1380.66859213	1440.11592753
994.000	15.20017402	1387.80546373	1378.26183691	1433.80043153
994.500	15.87197222	1387.56282583	1375.56053472	1435.44809483
995.000	16.43766192	1379.47896941	1367.98275775	1435.88431097
995.500	17.06850651	1366.99188002	1361.68529885	1434.99279116
996.000	17.71707805	1361.27246265	1356.02942306	1434.42584848
996.500	18.39554127	1366.01301724	1361.78806919	1433.57373566
997.000	19.20460470	1387.55466437	1370.29630817	1433.12486716
997.500	19.14341525	1391.11948354	1365.27455334	1431.94610981
998.000	18.69577602	1371.36707003	1362.28546043	1435.51087194
998.500	17.70555413	1365.00711516	1362.77371197	1445.65091813
999.000	16.75643731	1366.18152078	1364.87461525	1452.04989863
999.500	16.30822154	1366.11623676	1366.76095806	1456.34211537
1000.000	15.83825423	1371.35266601	1368.38913845	1457.25048374
1000.500	15.31513779	1377.98447489	1371.38816563	1455.40801551
1001.000	14.92449281	1375.09079992	1367.25422228	1454.69490141
1001.500	14.81270317	1358.69116601	1360.67136318	1453.33409632
1002.000	14.78856552	1348.46407353	1355.75395408	1451.11825158
1002.500	14.86250856	1352.10984472	1354.85508747	1449.37013182
1003.000	15.00278342	1358.24482431	1357.43528507	1442.30555107
1003.500	15.17506910	1354.81043446	1358.35718773	1427.48815584
1004.000	15.62062050	1345.23057195	1351.16639134	1417.19340937
1004.500	15.97769837	1334.62013893	1340.24953258	1411.26244352
1005.000	16.55391990	1329.12391144	1333.87630565	1404.11124387
1005.500	17.00009324	1324.93906572	1327.25530920	1398.50256607
1006.000	17.52541594	1321.95144252	1325.58027323	1393.00747363
1006.500	18.18550303	1322.58121786	1325.86522211	1386.48953477
1007.000	19.12657648	1323.17752723	1328.01575082	1376.34640573
1007.500	20.17728929	1326.00879916	1331.62901673	1375.68658318
1008.000	21.39758047	1331.69990488	1337.22834644	1376.15898739
1008.500	22.35772732	1333.85177536	1340.73184699	1377.57887363
1009.000	22.25867955	1333.48564865	1341.14142006	1378.71295976
1009.500	21.44480055	1328.72087685	1334.98309539	1380.32728271
1010.000	19.16611569	1325.35929493	1331.46337361	1381.01260019
1010.500	17.51458111	1325.91396974	1332.84416807	1386.12656335
1011.000	16.41083825	1324.83741324	1333.34125305	1393.60727615
1011.500	16.03132912	1322.19081956	1334.52807002	1396.25828296
1012.000	15.99305129	1322.96399680	1336.27808660	1398.97327288
1012.500	15.99604826	1337.74308652	1344.30374979	1401.53531329
1013.000	16.00057663	1348.69360870	1353.45853721	1404.23092323
1013.500	15.98243105	1346.72224288	1356.61265777	1407.74816023
1014.000	16.04748128	1341.90383333	1358.07220533	1412.68342957
1014.500	16.23065783	1342.31625838	1359.89460250	1417.69364270

1015.000	16.63588195	1351.51223831	1361.62645411	1422.78907999
1015.500	17.21228817	1356.30213338	1363.29428962	1427.42720058
1016.000	17.58097981	1355.58037549	1365.21459893	1427.02479180
1016.500	18.17395732	1355.93418912	1365.11623596	1425.83100442
1017.000	19.68662734	1355.78491739	1363.44430205	1424.86354468
1017.500	20.28137678	1357.28944811	1361.89655860	1423.66735000
1018.000	20.42493488	1357.25680371	1360.63862850	1421.07323066
1018.500	20.59118240	1355.50014086	1357.31095594	1418.61835372
1019.000	20.72438103	1351.30578529	1352.38474424	1416.16229924
1019.500	20.67204989	1346.43960576	1347.64757336	1413.71985595
1020.000	20.34724100	1342.14246569	1345.46103065	1411.25759325
1020.500	19.61206625	1341.68165614	1344.78329205	1408.82786498
1021.000	18.82794129	1341.74416440	1343.64655324	1406.19038838
1021.500	17.97498860	1341.76018040	1342.48420359	1406.18920770
1022.000	17.39971052	1341.65447856	1342.33731430	1406.83626882
1022.500	17.39979437	1343.20073229	1347.19426278	1407.29561146
1023.000	17.40103007	1346.84142986	1351.49114727	1408.05222262
1023.500	17.84569820	1346.49388325	1350.44624302	1410.87988275
1024.000	18.38025981	1343.76131627	1348.21017916	1413.57826491
1024.500	18.96851000	1341.11929649	1346.31994943	1412.84312318
1025.000	19.63444203	1339.63433066	1344.23761802	1411.64904386
1025.500	19.78183970	1339.77140416	1343.18559850	1410.59964009
1026.000	19.79629153	1339.55929980	1337.84983416	1409.38456898
1026.500	19.73963516	1333.68679514	1331.54794553	1408.46062203
1027.000	19.56749892	1327.83924473	1326.26303769	1406.26826005
1027.500	19.60607831	1327.73669682	1326.61720653	1403.10632566
1028.000	19.53493998	1327.71814743	1327.74322853	1400.25761226
1028.500	19.34980112	1327.60274776	1328.70244845	1397.26992059
1029.000	18.96678548	1328.46102443	1329.87546146	1394.24295770
1029.500	18.29477555	1334.99343703	1333.20423900	1394.22121711
1030.000	17.61773514	1334.70419625	1335.51393452	1395.06702972
1030.500	17.01509115	1333.08074450	1334.35984057	1395.43393417
1031.000	16.57727101	1331.70763335	1333.28038031	1397.65708868
1031.500	16.38240411	1330.27468986	1332.13030180	1401.45636684
1032.000	16.39915852	1328.74681010	1331.02589944	1403.61759004
1032.500	16.52829972	1327.96815473	1329.92488090	1402.45134830
1033.000	16.78819937	1329.78080942	1331.34317438	1401.46333577
1033.500	17.20814344	1331.42797464	1333.49179105	1400.07992282
1034.000	17.44874856	1333.12159393	1335.49686925	1401.46847091
1034.500	17.75130827	1334.78834195	1337.57405306	1404.81345030
1035.000	17.80373136	1336.47284372	1339.61663073	1407.64437638
1035.500	17.79362426	1338.14229690	1341.67173709	1410.68261539
1036.000	17.79282445	1339.83112318	1343.73167075	1413.66500171
1036.500	17.80627470	1341.48922080	1345.76799243	1416.08524312
1037.000	17.65177348	1343.17053101	1347.86072216	1417.87581664
1037.500	17.55075334	1343.99249407	1349.64041747	1419.55308316
1038.000	17.33472057	1344.24502936	1349.79375132	1421.05365559
1038.500	17.20317386	1344.57453652	1349.76966016	1422.91683719
1039.000	17.03861197	1344.86283397	1349.77571086	1423.85260709
1039.500	16.73148805	1345.17389412	1349.76984655	1423.08346510
1040.000	16.20987201	1345.47280225	1349.77049025	1422.53529775
1040.500	15.83700196	1345.78517929	1349.77854036	1421.85380140
1041.000	15.40099989	1346.08254961	1349.76775900	1420.98149773
1041.500	15.02720525	1346.41064184	1349.80521952	1420.07904477
1042.000	14.62949272	1346.67150459	1349.73632183	1419.19636677
1042.500	14.20156958	1347.05792845	1349.86403390	1418.29630805
1043.000	13.96442036	1347.20925207	1349.62707418	1417.42553972
1043.500	14.25306945	1347.82550114	1350.09927868	1416.48342191
1044.000	14.81139448	1345.97756711	1346.60872134	1415.34415510
1044.500	15.17224628	1341.83297819	1340.76799490	1413.60128040
1045.000	15.63217768	1337.66020462	1335.28521022	1411.88887914
1045.500	15.91963768	1335.50293761	1329.70753649	1410.15307507
1046.000	16.17525138	1335.84283378	1330.23906898	1413.83115212
1046.500	16.06909294	1335.61847893	1331.80262395	1415.47026417
1047.000	15.98383967	1336.03409294	1332.89194419	1413.82212445

1047.500	16.02776435	1339.23842245	1336.13960757	1413.95170715
1048.000	15.88114012	1343.93543296	1341.02907439	1413.84974062
1048.500	15.66941693	1345.32287086	1343.94025293	1413.89520408
1049.000	15.40766147	1343.62420711	1343.14560376	1413.94072158
1049.500	15.07442848	1342.41452998	1341.90998920	1414.53844569
1050.000	14.78822410	1340.94798533	1340.56157945	1415.44423105
1050.500	14.58747483	1339.63041420	1339.24739424	1415.72200278
1051.000	14.62594159	1338.21935599	1338.05743360	1414.93560317
1051.500	14.59343162	1336.88298144	1336.53896814	1414.32945861
1052.000	14.76010626	1335.44978230	1335.62193211	1413.51611845
1052.500	14.85230374	1334.19509377	1335.79322308	1413.01142439
1053.000	15.20427890	1333.49400303	1335.57189285	1411.95303581
1053.500	15.48320560	1335.57220517	1337.67760687	1414.06838935
1054.000	15.61101245	1338.91380283	1343.17850547	1419.26010547
1054.500	15.58770298	1340.11588102	1345.88743478	1423.87821641
1055.000	15.19703818	1340.70997735	1345.79648689	1428.83235867
1055.500	14.97406612	1341.19632944	1345.52332667	1433.40440895
1056.000	14.47745282	1342.52319990	1349.56958739	1433.31920076
1056.500	13.99622822	1351.98618717	1357.35620535	1432.38862758
1057.000	13.62536145	1355.95645458	1359.41765955	1431.65976129
1057.500	13.21364914	1354.95714656	1358.21291018	1430.83620608
1058.000	12.81768133	1354.69781828	1357.00986845	1430.05576396
1058.500	12.44915752	1354.26833129	1356.43997120	1429.25356591
1059.000	12.43917007	1353.03317200	1350.91314544	1428.42296597
1059.500	12.80994254	1345.43923136	1342.54464825	1427.20232456
1060.000	13.32959655	1338.43307910	1339.21601439	1423.96819052
1060.500	13.82385839	1337.61239396	1338.48990368	1420.05970044
1061.000	14.21091508	1337.76344644	1338.25740575	1415.72557291
1061.500	14.59515277	1337.71061586	1343.63922796	1411.96744006
1062.000	14.56881027	1337.71318496	1347.84529500	1407.60109623
1062.500	14.42363484	1337.94300861	1351.42563325	1413.75883143
1063.000	14.83673600	1338.37570115	1351.84380149	1424.60795716
1063.500	15.02425145	1338.71924760	1351.76662179	1432.91238050
1064.000	15.01559838	1339.11744460	1351.84770289	1434.21499475
1064.500	14.97390825	1339.44383293	1351.30476474	1434.38164036
1065.000	14.76060331	1339.92570896	1349.94653230	1435.03497809
1065.500	14.56142463	1341.58258937	1349.16049682	1435.65135989
1066.000	14.27831278	1343.09231499	1347.20962578	1435.29177932
1066.500	14.01615705	1343.22805923	1344.77207182	1427.91658216
1067.000	13.75960425	1336.64431768	1338.08506988	1421.32226223
1067.500	13.56665236	1325.62375652	1323.97924327	1415.31426164
1068.000	13.38389565	1318.16641934	1317.17298138	1408.07820321
1068.500	13.01431130	1317.64406688	1317.82431745	1396.87405893
1069.000	12.73255551	1317.52666522	1313.95057962	1380.37136274
1069.500	12.33778308	1313.11807595	1309.45216211	1369.71485809
1070.000	11.94577098	1306.47588465	1304.16680682	1367.13715711
1070.500	11.65769049	1301.95486074	1301.71179939	1365.72773138
1071.000	11.63302054	1302.11016726	1302.91870763	1364.40090634
1071.500	11.60331236	1302.60916960	1303.62775157	1362.18404129
1072.000	11.83115078	1302.94349294	1304.47281930	1360.27028974
1072.500	12.04184129	1303.54937713	1305.44427900	1358.24332791
1073.000	12.06156245	1302.63234653	1305.13890202	1356.19537135
1073.500	12.24983408	1299.59674922	1304.41923578	1354.32418707
1074.000	12.21155353	1296.84672473	1300.32409925	1353.02255423
1074.500	12.24502414	1293.76983651	1290.63438231	1350.83573466
1075.000	12.07916001	1291.77891158	1290.19568701	1350.00686686
1075.500	12.01082414	1292.13410827	1291.51725960	1350.77140131
1076.000	12.17040849	1292.82033642	1291.56349102	1361.29039041
1076.500	12.38623425	1292.90899180	1291.53014970	1370.70812197
1077.000	12.43545890	1295.21922378	1295.33550453	1380.42587453
1077.500	12.27008877	1311.11997001	1315.19524226	1389.93050796
1078.000	11.70764201	1341.37045393	1347.13651643	1399.62989194
1078.500	11.05258372	1358.30762082	1364.45103168	1409.04810529
1079.000	10.87895410	1353.86752276	1367.46414017	1418.96516595
1079.500	10.87870963	1349.57378018	1367.10165908	1428.39191540

1080.000	11.68379412	1349.93525281	1364.74146009	1429.86207331
1080.500	12.42985108	1349.95090175	1356.38929916	1418.06322548
1081.000	13.53993594	1347.96360338	1347.94623225	1398.43116104
1081.500	14.96230750	1340.28925116	1332.29230826	1381.09203412
1082.000	15.66194417	1323.09780305	1315.11585234	1361.61534601
1082.500	15.66159013	1301.96086262	1295.14124241	1354.21207630
1083.000	15.01560626	1297.74949854	1284.49838761	1348.00948248
1083.500	14.35723365	1296.23392440	1277.86839466	1341.60991067
1084.000	13.77964334	1294.50753254	1274.66988039	1336.56493706
1084.500	13.19160395	1290.73071483	1272.52853910	1331.26419754
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1085.500	12.47995450	1280.15204576	1272.78413617	1329.76867708
1086.000	12.02340811	1277.30860760	1273.49825717	1331.41496340
1086.500	11.62731095	1277.73738691	1274.37872894	1333.12667810
1087.000	11.01724860	1277.53858099	1275.15700894	1334.80345001
1087.500	10.61546445	1277.64627059	1275.98520973	1336.49982286
1088.000	9.85729668	1277.59186585	1276.78055995	1338.81555826
1088.500	9.46362848	1277.61963294	1277.59712574	1341.48274335
1089.000	8.84209534	1277.61827278	1278.38584824	1340.57709777
1089.500	8.23343834	1277.61233626	1279.22340747	1340.04885675
1090.000	8.06874131	1277.68884140	1279.86970463	1341.70384235
1090.500	7.90402093	1278.36019907	1280.30360915	1343.11099500
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1091.500	8.02923548	1279.77098160	1281.24927471	1346.12640457
1092.000	8.45672664	1280.47167291	1281.71864863	1347.73797788
1092.500	8.84512410	1281.18169582	1282.19787284	1349.06241733
1093.000	9.42949803	1281.86983839	1282.64270390	1350.98486223
1093.500	9.70280843	1282.59287912	1283.13896477	1350.85516469
1094.000	9.89492946	1283.25506873	1283.69413777	1347.60532607
1094.500	10.05528584	1284.33268095	1286.25717313	1343.82034900
1095.000	10.03484783	1285.35840695	1287.45617277	1341.80056127
1095.500	10.04817477	1281.73826548	1280.41519762	1342.66091468
1096.000	10.03495379	1279.31381750	1276.95883036	1343.56774475
1096.500	10.05310888	1279.25732395	1276.69754494	1342.05701004
1097.000	9.89598048	1278.71988636	1275.90981566	1338.20093862
1097.500	9.69508348	1278.50544039	1275.39092981	1334.00175762
1098.000	9.57910890	1277.97666075	1274.73861501	1332.09419525
1098.500	9.44480017	1277.88085234	1274.11467350	1334.52283524
1099.000	9.39635789	1277.24930117	1273.96800479	1336.48161182
1099.500	9.23358363	1280.73336859	1278.77602635	1338.55882084
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1101.500	9.74005330	1297.24585517	1297.21850594	1339.63192153
1102.000	9.93871305	1297.31017178	1297.39839413	1343.37062138
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1103.000	10.81672820	1296.87028429	1296.93886679	1347.42070799
1103.500	11.33172094	1296.65704620	1296.70181424	1342.08515139
1104.000	11.52893753	1296.44124458	1296.51786677	1334.08708496
1104.500	11.66537081	1296.29612512	1296.33618947	1334.24576198
1105.000	11.82474806	1295.96019834	1296.10406056	1334.48949207
1105.500	12.32385354	1296.03495300	1296.01344552	1335.17526319
1106.000	12.61325997	1295.33534268	1295.64133233	1335.10010482
1106.500	12.73426166	1298.73477833	1296.45992255	1339.11735533
1107.000	13.12574590	1304.55734386	1303.88168048	1348.65823289
1107.500	13.43609673	1311.82212537	1310.54668638	1357.86335468
1108.000	12.90742835	1320.95346857	1318.63614362	1364.69169603
1108.500	11.83514168	1340.20894444	1332.35656193	1369.42267599
1109.000	11.03595096	1359.81403980	1333.87697517	1374.23266256
1109.500	10.62397966	1354.32501070	1330.08174143	1379.21987125
1110.000	10.64485855	1336.25858118	1326.11421131	1383.40191212
1110.500	10.62245609	1323.41538184	1325.59471559	1386.19740804
1111.000	10.65717246	1328.10533905	1326.39271883	1389.70363284
1111.500	10.80127612	1332.44547027	1332.09138692	1391.30675539
1112.000	10.93965057	1337.20490574	1335.68149011	1387.31101521

1112.500	11.32043802	1346.28585814	1335.62936840	1383.91998392
1113.000	11.45458941	1357.95522635	1334.77188930	1381.41979048
1113.500	11.68595785	1362.84311670	1333.43788080	1379.14990976
1114.000	11.97166255	1354.74379319	1329.81597144	1376.81697609
1114.500	12.21057615	1340.97817062	1325.90276473	1374.52292777
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1115.500	13.22750982	1316.13365064	1318.03366379	1369.95942327
1116.000	13.82940150	1316.11895478	1316.10503746	1366.96326994
1116.500	14.31573391	1323.88684703	1318.47509236	1355.07108975
1117.000	14.41988458	1335.84545339	1312.07609220	1348.13669899
1117.500	13.82453490	1339.73288231	1302.28657002	1346.29753410
1118.000	13.11065561	1312.61496988	1297.04134928	1343.60521193
1118.500	12.23371130	1293.13801353	1292.00621406	1341.29993636
1119.000	11.64659803	1292.97097804	1289.33523977	1338.88026345
1119.500	11.52369243	1290.74735211	1289.32883899	1336.00248295
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1120.500	11.05372137	1290.61243203	1288.70177260	1329.72730957
1121.000	11.02620256	1290.54051598	1288.33201624	1330.02400453
1121.500	11.04093684	1290.16386680	1288.15612033	1331.23529728
1122.000	11.30819236	1289.89224010	1287.68298226	1335.02228772
1122.500	11.45344308	1289.92932147	1288.60839335	1339.85326675
1123.000	11.33828346	1293.53389632	1291.50565184	1343.67858112
1123.500	11.12150874	1297.36154501	1294.24793439	1347.90966291
1124.000	11.03049968	1298.20274724	1297.28859824	1351.97809099
1124.500	11.02599332	1298.53676499	1297.76300577	1356.04508954
1125.000	11.07932252	1299.20505847	1297.54474945	1360.24228782
1125.500	11.37568801	1299.64660371	1298.28252886	1362.14966316
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1126.500	11.52179556	1310.14196734	1307.57133680	1362.70555591
1127.000	11.22707065	1309.50498563	1307.69168277	1363.03335052
1127.500	10.96142614	1309.81737205	1307.73050382	1363.31302847
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1128.500	10.66213103	1309.72538989	1307.76526729	1362.73378049
1129.000	10.63106551	1309.71707451	1307.58220962	1360.56945640
1129.500	10.62055740	1309.52260376	1307.94721338	1358.70454660
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1130.500	10.43063977	1303.25237732	1300.04494144	1354.75501592
1131.000	10.45558503	1301.50864410	1299.61629918	1353.21714591
1131.500	10.61606773	1302.02974971	1300.01427680	1352.23469690
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1132.500	10.63164477	1303.72783396	1301.70850119	1350.09457353
1133.000	10.64233208	1303.67843543	1301.66594142	1349.02312257
1133.500	10.62465143	1303.63651664	1301.59167867	1347.96801711
1134.000	10.73202581	1303.80340732	1300.24207071	1346.90244864
1134.500	10.86827777	1302.37395897	1298.59436711	1345.84653051
1135.000	11.00716831	1298.09327455	1296.99882666	1344.77698253
1135.500	11.04794388	1294.12483255	1295.35385974	1343.72911035
1136.000	10.94453542	1294.20337343	1293.84552371	1342.63417767
1136.500	10.77442201	1295.03415393	1294.22266779	1341.78709106
1137.000	10.62850085	1295.68201726	1294.92992646	1341.73263002
1137.500	10.63962947	1296.40416727	1295.56191059	1341.73779883
1138.000	10.63380847	1297.10667308	1296.23006765	1341.73174459
1138.500	10.63704039	1297.78727998	1296.87564096	1341.74100042
1139.000	10.63390844	1298.54319115	1297.54333394	1341.71104831
1139.500	10.63714469	1299.14412540	1298.18635510	1341.91241217
1140.000	10.63197079	1300.91025248	1298.85945325	1344.16806993
1140.500	10.64133027	1304.31197733	1299.69921598	1346.67888608
1141.000	10.62319206	1307.63272389	1303.33173947	1348.91967433
1141.500	10.73316748	1311.02429553	1308.34547463	1351.04174224
1142.000	10.89472713	1314.35934540	1313.04073056	1353.08445488
1142.500	11.09150247	1317.85787232	1318.03092042	1355.15641290
1143.000	11.21751354	1323.12339815	1321.77101945	1357.21598121
1143.500	11.38320447	1324.98322448	1323.39393580	1359.26849399
1144.000	11.44083802	1326.29338180	1324.80402579	1361.34339357
1144.500	11.43605960	1327.77659170	1326.14932818	1363.35998866

1145.000	11.34079609	1329.17721208	1327.58116886	1365.71963995
1145.500	11.19636369	1330.63448989	1328.88878327	1368.47717144
1146.000	11.06327513	1332.60444553	1331.40043165	1372.16213593
1146.500	11.02650964	1336.81579634	1335.71799102	1375.02290718
1147.000	11.32114388	1339.88724472	1339.34817707	1379.62056930
1147.500	11.42974559	1347.19036610	1346.09444701	1387.90645572
1148.000	11.52116474	1356.55239209	1355.51668653	1392.86728911
1148.500	11.64200534	1366.18787112	1365.31762292	1397.76436368
1149.000	11.62339981	1372.62944672	1370.53591475	1402.22756362
1149.500	11.78751859	1369.82808926	1367.26207622	1406.08760143
1150.000	12.46047502	1366.09338495	1362.96966440	1409.57427538
1150.500	13.37273565	1362.03502502	1359.20612339	1408.40993305
1151.000	14.18881117	1358.19853653	1355.87009534	1406.88036084
1151.500	14.83608359	1354.17236873	1352.69595702	1403.36982395
1152.000	15.58603701	1350.37951866	1349.78573261	1397.76963638
1152.500	16.21272197	1346.10007168	1346.76886585	1392.57472097
1153.000	16.71717632	1342.70171036	1343.83865261	1387.35986605
1153.500	17.07939530	1340.42490248	1340.81287468	1384.77134339
1154.000	17.31648572	1337.94442171	1337.95526239	1383.32789095
1154.500	17.40656792	1337.67768685	1336.27065933	1381.87048154
1155.000	17.39020775	1337.84387406	1335.77424725	1380.44272205
1155.500	17.11526800	1337.23911601	1335.19318050	1378.99765020
1156.000	16.69500783	1333.08185444	1329.80422334	1377.56470135
1156.500	16.31014919	1328.93370270	1326.66386791	1376.12676645
1157.000	15.89604500	1325.74277171	1325.11066908	1374.68764394
1157.500	15.53227719	1324.72022961	1323.35506120	1373.25187807
1158.000	15.27316502	1323.68086384	1321.74083899	1371.80375454
1158.500	15.01310770	1320.57296369	1319.67271700	1370.37686865
1159.000	14.72629210	1316.18966283	1316.23700923	1368.91293680
1159.500	14.59525219	1316.32533777	1316.53746744	1367.74778934
1160.000	14.61331184	1317.40821211	1317.64449937	1367.00283115
1160.500	14.62833694	1318.24258125	1318.52657115	1366.31313717
1161.000	14.80125705	1319.25274483	1319.51360677	1365.68827994
1161.500	15.09356152	1320.05264148	1320.43973015	1364.94251816
1162.000	15.24223489	1321.20255759	1321.40547942	1364.43449511
1162.500	15.39310153	1320.94178905	1321.01404903	1363.12814700
1163.000	15.33367055	1314.18141530	1316.64719868	1357.48774678
1163.500	15.07297581	1308.63288558	1309.50676973	1352.00194658
1164.000	14.52801167	1301.36762247	1302.43413410	1344.00664635
1164.500	13.89670682	1296.78892147	1300.65442873	1335.97395802
1165.000	13.14296999	1296.15500814	1299.83591029	1332.88487368
1165.500	12.45652116	1294.79061706	1298.73738965	1330.22692069
1166.000	11.78610382	1293.80039405	1297.77092733	1327.68435655
1166.500	11.23123898	1292.60154322	1296.74213860	1324.85464296
1167.000	11.03314787	1291.67130438	1295.64312990	1323.75489088
1167.500	10.82690190	1291.93392996	1293.82498764	1324.44131087
1168.000	10.64602191	1292.51321512	1291.86262101	1324.76568834
1168.500	10.63326718	1292.99231221	1292.13095670	1325.35925988
1169.000	10.62241262	1293.45825208	1292.75790417	1325.57979156
1169.500	10.73819606	1294.00555173	1293.35802035	1327.08637429
1170.000	11.13596191	1294.68763947	1293.90998434	1328.46313763
1170.500	11.52687153	1295.24819230	1294.61433415	1333.72260177
1171.000	11.89297893	1296.65713951	1294.95431732	1339.34501736
1171.500	12.01530390	1299.97747381	1296.62839241	1343.66617970
1172.000	12.37734736	1303.75815289	1307.05193684	1345.15510897
1172.500	12.84278096	1321.97560468	1322.03447039	1346.30648188
1173.000	12.72279157	1328.37140287	1328.29738303	1347.74555654
1173.500	12.30972716	1321.96958044	1329.09753824	1350.49367953
1174.000	12.05216079	1316.50327383	1326.07408145	1354.44728456
1174.500	11.56220267	1313.47125415	1325.72683642	1355.54839466
1175.000	11.09940662	1314.15311875	1325.65279874	1354.57723574
1175.500	10.93853757	1314.13698072	1326.23780851	1353.96779961
1176.000	10.52119525	1314.46558278	1327.89590341	1353.19147779
1176.500	10.16527831	1314.60072613	1327.68942004	1352.49473290
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1177.500	9.65651370	1315.02423702	1327.75598578	1351.02318567
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1178.500	9.74130081	1315.50390838	1327.66258465	1349.34056892
1179.000	9.85436578	1315.38890083	1322.92078048	1345.70033836
1179.500	10.14414160	1309.24274844	1313.78589082	1342.45150597
1180.000	10.63711400	1301.90997143	1306.41439863	1339.13880921
1180.500	11.13364336	1302.99126148	1301.26925477	1335.90412837
1181.000	11.63073393	1306.62671695	1303.20080186	1332.55344232
1181.500	11.81123779	1311.22460041	1303.66488852	1329.39231056
1182.000	11.83908045	1296.01944236	1292.13567919	1325.77399387
1182.500	11.82417698	1276.41516684	1271.95661668	1322.81128255
1183.000	11.84400990	1263.83867704	1258.92134108	1320.79867755
1183.500	11.79784622	1258.97012032	1256.32210828	1318.39050237
1184.000	11.68160094	1259.79769505	1258.93278118	1316.13600563
1184.500	11.40660899	1259.44819804	1260.50111447	1313.95669247
1185.000	11.03548388	1259.44473413	1262.76899855	1315.77751023
1185.500	10.98176336	1260.73028441	1265.98430221	1321.67325122
1186.000	10.83388698	1274.05617866	1274.99596465	1328.26787947
1186.500	10.81953608	1281.74909777	1284.11668127	1334.88060537
1187.000	10.64892482	1280.71919858	1289.23593438	1341.51727130
1187.500	10.63085676	1268.96719723	1292.63420169	1348.89450157
1188.000	10.64561815	1268.74614213	1295.31340346	1349.19172974
1188.500	10.83600985	1280.70319237	1295.74784410	1348.41822879
1189.000	11.00400142	1281.44434539	1288.12993791	1344.40728133
1189.500	11.14181036	1273.48443434	1278.42619390	1336.52706564
1190.000	11.58497129	1262.00790495	1277.28312727	1335.78715740
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1192.000	13.83717261	1306.60511348	1306.64427148	1335.87277206
1192.500	14.49936136	1306.75959934	1308.65830435	1332.62968737
1193.000	14.78051713	1297.13687947	1305.45467092	1334.26297410
1193.500	14.71131584	1288.25684406	1304.66580353	1340.02783266
1194.000	14.31950113	1281.79685550	1303.40248429	1342.01338355
1194.500	13.83579150	1281.50061237	1302.44775930	1339.94486494
1195.000	13.20142576	1281.23656140	1298.83410312	1336.18043839
1195.500	12.73513886	1281.10034004	1293.36790120	1333.03731274
1196.000	12.51204307	1280.89416487	1290.50962897	1330.51463493
1196.500	12.40974527	1280.72737793	1288.66718320	1328.57545405
1197.000	12.49846639	1280.57891109	1286.85996964	1326.64764231
1197.500	12.83709812	1280.38490271	1285.09085041	1324.70016700
1198.000	13.33425200	1280.29642842	1283.20059134	1322.81457393
1198.500	13.98426171	1279.99154735	1281.86510284	1320.81588719
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1199.500	15.21410089	1279.40282181	1284.19216895	1316.77462228
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1201.500	16.62400671	1286.68877772	1290.75869284	1323.28454106
1202.000	16.45619610	1284.96652287	1289.26748664	1325.43295015
1202.500	16.38556879	1284.49600870	1285.42349223	1324.96836329
1203.000	16.42868501	1278.72436300	1281.34922903	1323.99347691
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1204.000	15.92851211	1274.08628522	1274.75604809	1322.22495675
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1205.500	15.41476847	1267.56194541	1271.73220318	1319.54305406
1206.000	14.99710941	1269.40624460	1273.91131957	1318.65965359
1206.500	14.74710684	1275.06098649	1276.64456017	1317.67007956
1207.000	14.59011033	1279.75025732	1277.05044766	1315.90589039
1207.500	14.75488770	1276.28320761	1275.39685679	1313.97939602
1208.000	14.94606108	1271.64427257	1274.13660758	1312.06391760
1208.500	15.29246413	1270.86049705	1272.68024669	1309.87809600
1209.000	15.59364793	1270.06216974	1271.33034170	1306.73621317
1209.500	16.02967891	1269.45425583	1269.77544941	1302.70116116

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1211.000	18.07970056	1266.16297678	1266.94507216	1291.16740446
1211.500	19.63401795	1266.47103153	1265.96581493	1284.70024099
1212.000	21.33432100	1272.24364357	1265.04352115	1279.85926999
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1213.500	27.64512084	1269.00467388	1261.95580913	1275.63325495
1214.000	27.65304794	1265.13146049	1262.97202589	1275.37863957
1214.500	27.38929848	1266.51505290	1266.87491552	1277.76952203
1215.000	27.16156581	1272.02123278	1270.37724551	1284.39357141
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1216.000	26.52628783	1286.94940635	1277.38699284	1289.67111006
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1217.000	24.57271780	1289.29321576	1267.98188342	1289.54823231
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1218.000	19.78114154	1265.55373661	1243.73672246	1287.67152047
1218.500	17.18712375	1244.48271780	1234.43146196	1285.26280349
1219.000	15.37508954	1234.90285787	1230.02405932	1285.09633781
1219.500	14.00887556	1232.86814487	1228.69894176	1284.19950561
1220.000	13.37308830	1238.02436080	1228.47704663	1284.01599921
1220.500	12.82236736	1251.78753812	1227.55174605	1283.18003393
1221.000	12.41237594	1252.07877766	1229.39667626	1286.99934974
1221.500	12.00036258	1248.16348955	1234.53130128	1294.57549984
1222.000	11.81328544	1247.86303481	1239.06306134	1302.88823784
1222.500	11.78506359	1258.27280493	1246.92405609	1308.56397118
1223.000	11.60416178	1266.46227461	1251.76612761	1309.07660995
1223.500	11.64028681	1264.88247241	1250.38874539	1310.72316757
1224.000	11.60928677	1263.48160712	1249.33729050	1311.72458113
1224.500	11.67317635	1255.64950182	1244.43235286	1313.23405829
1225.000	11.91729039	1247.64172794	1243.26104950	1313.26043621
1225.500	12.21384827	1253.61216020	1250.59226655	1311.98483119
1226.000	12.62182899	1274.10198363	1260.88677577	1310.95302641
1226.500	13.04881188	1279.89127732	1258.00196501	1309.65142754
1227.000	13.81254952	1269.07696855	1256.08594138	1308.08155289
1227.500	14.61459315	1261.94287533	1255.10959312	1306.11184441
1228.000	15.30891017	1258.94350308	1254.38529923	1306.46024130
1228.500	16.08509121	1256.55236716	1253.77053800	1308.11242326
1229.000	16.56515181	1255.66131246	1253.30693326	1309.33725982
1229.500	16.75276171	1255.18682955	1255.87966247	1310.88397526
1230.000	16.82524578	1259.72180680	1262.42028035	1312.03825964
1230.500	16.86710774	1268.77835695	1269.69091861	1312.78083225
1231.000	17.04399144	1277.11843029	1274.21693120	1313.76265469
1231.500	17.21012325	1273.45757612	1272.20906036	1315.41428676
1232.000	17.19572302	1259.85919275	1259.09018914	1317.46445539
1232.500	17.19390847	1259.42975389	1253.84054917	1317.77650068
1233.000	17.20970091	1268.59478065	1265.81307835	1317.67439415
1233.500	17.14389029	1269.14953965	1271.77288098	1317.78010929
1234.000	16.99108000	1264.50169366	1271.32413511	1317.17322100
1234.500	16.98762072	1272.95504527	1273.47252468	1315.65438053
1235.000	17.04795634	1285.59747186	1278.78254604	1314.17925517
1235.500	17.19830396	1283.45308429	1280.92174355	1312.68038587
1236.000	17.23430497	1278.90412551	1278.14353663	1311.16658449
1236.500	17.44067559	1275.96758202	1278.20614372	1309.82854656
1237.000	17.78579158	1276.01259823	1278.87044858	1310.02697580
1237.500	18.06213864	1276.44131975	1279.35560459	1310.42991719
1238.000	18.32310417	1276.98438505	1279.91616293	1310.79107284
1238.500	18.59030320	1277.07405632	1280.47055567	1311.17322802
1239.000	18.85860939	1278.61646754	1280.99683326	1311.53616173
1239.500	18.99387117	1281.68565276	1281.45632407	1311.83694264
1240.000	18.98515916	1276.17474078	1278.05223202	1312.08594279
1240.500	18.99670439	1272.49703705	1273.88309057	1312.33293589
1241.000	18.95084502	1272.51625954	1273.58635342	1312.57290274
1241.500	18.61497451	1275.33383701	1273.94505369	1312.83061944
1242.000	18.34891912	1275.35353323	1277.53211681	1313.05578052

1242.500	18.04992839	1271.36181512	1270.33787463	1313.34500998
1243.000	17.79173987	1263.93613146	1261.66885382	1313.50751885
1243.500	17.52619849	1265.89164510	1262.27090971	1314.27053962
1244.000	17.24853644	1274.39388413	1271.80288851	1315.47436855
1244.500	17.15765797	1280.52775883	1278.69027144	1316.95480816
1245.000	17.28388834	1279.14118082	1279.07822649	1317.35126385
1245.500	17.80526231	1275.18337519	1281.25456263	1315.60842335
1246.000	18.54411948	1281.72127907	1281.87019476	1314.04658812
1246.500	19.44159561	1282.46216660	1284.18737606	1312.36133213
1247.000	20.17225764	1271.47000539	1275.09765318	1310.74882899
1247.500	20.83509268	1269.16627618	1269.97553173	1309.08223734
1248.000	21.53820759	1261.08935028	1263.90692564	1307.46203351
1248.500	21.93443682	1250.68686589	1252.37602127	1305.78596616
1249.000	22.03504674	1254.00833317	1254.00684253	1304.25545560
1249.500	22.15787880	1264.78982697	1256.00159263	1302.21284040
1250.000	22.41822269	1276.73164485	1259.93919499	1299.02248363
1250.500	22.58949542	1267.81978649	1261.78149317	1298.21335570
1251.000	22.57395595	1258.74718778	1258.73812801	1300.53188877
1251.500	22.39109136	1258.87388384	1255.93594067	1302.65456569
1252.000	21.96559362	1266.60220793	1262.46311839	1304.24351641
1252.500	21.53635492	1267.40548315	1267.85716631	1305.10993400
1253.000	20.93869616	1264.73919746	1266.52969444	1306.09247071
1253.500	20.76644607	1263.62011631	1263.43443012	1307.05683283
1254.000	20.65152121	1262.14808701	1263.65817609	1307.95743381
1254.500	20.36552438	1260.90090421	1263.65830469	1309.06190168
1255.000	20.14821412	1259.53206563	1262.40657620	1309.20473050
1255.500	20.32857693	1258.22515745	1259.64296165	1305.19640811
1256.000	20.52106965	1256.87745652	1257.50308472	1302.71399466
1256.500	20.63598808	1255.64833479	1254.71323353	1301.33454710
1257.000	20.78358657	1255.15774885	1254.08329193	1299.60493704
1257.500	20.77594590	1254.62539820	1255.55781837	1298.51511671
1258.000	20.64901658	1254.32939684	1257.01475311	1294.52819442
1258.500	20.37789143	1253.58222870	1256.57914079	1288.53742588
1259.000	20.11023903	1253.07216106	1252.73794473	1283.30028949
1259.500	19.97887021	1245.32092953	1243.28826985	1277.72791104
1260.000	19.97791493	1234.58761478	1233.53079860	1272.34404965
1260.500	19.98909065	1223.711178120	1223.86622767	1266.83892779
1261.000	19.93786930	1216.00886530	1214.32990258	1261.43845701
1261.500	19.63007926	1214.02023458	1211.62316811	1255.61669186
1262.000	19.42727781	1211.51094132	1210.00547282	1248.77605179
1262.500	19.24542161	1211.39075809	1207.97842299	1240.51864681
1263.000	18.98003393	1211.76909523	1206.40799469	1237.81462377
1263.500	18.75325781	1207.61790200	1202.82884564	1235.93163676
1264.000	18.93556384	1198.13209787	1197.53004639	1233.71564268
1264.500	19.13065323	1198.26483842	1198.45697642	1231.73100333
1265.000	19.45881897	1208.34161885	1207.14480449	1229.49612348
1265.500	19.94105164	1218.45521071	1215.51418416	1227.62577383
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1266.500	20.51186591	1207.24498881	1226.45254011	1224.89133860
1267.000	20.75293972	1195.73354132	1235.32985363	1230.57396265
1267.500	20.74344448	1199.12930723	1242.65106657	1242.58784899
1268.000	20.52738602	1209.36545832	1251.42730025	1256.96833359
1268.500	20.20414107	1237.04872081	1253.36688926	1270.84802975
1269.000	19.75840236	1271.06470856	1260.06643101	1285.74262893
1269.500	19.54861169	1308.29575306	1278.39041936	1302.26904151
1270.000	19.08818601	1326.47990056	1289.94401035	1318.24160616
1270.500	18.56117524	1327.98475498	1304.74534945	1322.10407126
1271.000	18.24788806	1328.77840733	1321.69332663	1324.41347629
1271.500	18.20191047	1322.76935972	1346.63755417	1325.13844873
1272.000	17.99680632	1316.68570674	1340.41410318	1321.75378579
1272.500	17.74949376	1316.23594858	1333.97243033	1319.39126112
1273.000	17.97064054	1324.03260706	1321.92508124	1314.11243949
1273.500	18.56416063	1314.96280956	1314.72775674	1306.66953724
1274.000	19.37971567	1288.58584735	1298.93656930	1299.75905794
1274.500	19.59475204	1268.58376294	1271.70391700	1292.57859791

1275.000	19.71098694	1265.12551555	1257.69641210	1285.60541673
1275.500	19.94991740	1265.72193873	1246.32641773	1278.39314134
1276.000	19.98448157	1259.08665310	1240.82214137	1272.08841965
1276.500	19.98389178	1249.74469360	1237.41717657	1271.50811922
1277.000	19.97755166	1245.21499382	1240.15957188	1271.57573296
1277.500	20.11705157	1243.98757567	1244.29082037	1271.62238856
1278.000	20.24660252	1250.17880196	1248.61710213	1271.49588068
1278.500	20.38109574	1255.51080972	1249.73379989	1272.51186170
1279.000	20.38756257	1255.19970922	1254.99192599	1275.59735506
1279.500	20.21751158	1258.71547627	1264.16353078	1278.90184800
1280.000	19.82951512	1271.06374503	1266.66432374	1281.12891949
1280.500	19.44391135	1274.37464460	1257.99207595	1277.77752373
1281.000	18.81775463	1271.17485316	1245.28737800	1274.22735277
1281.500	18.53872272	1267.32974142	1235.10321881	1270.60640571
1282.000	18.77641277	1241.24558848	1223.40814066	1267.65958977
1282.500	19.20942978	1218.72652505	1214.53532708	1266.67856397
1283.000	19.85676768	1215.07358745	1213.16121941	1265.84368484
1283.500	20.34986119	1220.53546395	1214.25422228	1265.08498559
1284.000	21.08274983	1231.13221004	1224.60557952	1264.17580579
1284.500	21.54957879	1250.79796517	1231.54971022	1264.00634329
1285.000	21.74419625	1267.56723403	1233.97474948	1267.72651676
1285.500	22.10538488	1263.30172956	1237.41717629	1270.83767771
1286.000	22.27377360	1249.04130724	1240.48848558	1274.71807631
1286.500	22.73893661	1241.89157787	1244.05620419	1273.95643988
1287.000	22.98348857	1246.11755825	1247.91887336	1271.04390818
1287.500	23.00250736	1250.67927793	1249.09627405	1264.79417998
1288.000	23.18109289	1249.79251405	1235.46872036	1255.25199945
1288.500	23.16311497	1226.52156130	1217.85541807	1247.07275843
1289.000	23.12564526	1204.49071940	1201.39224594	1238.16188986
1289.500	22.81532056	1201.22300962	1190.95652581	1229.84238850
1290.000	22.56760660	1200.98017147	1185.42456868	1220.78285893
1290.500	22.13007380	1199.24082662	1179.78738314	1214.15354719
1291.000	21.82040122	1198.11332986	1179.54323062	1214.42060487
1291.500	21.60843012	1196.87411176	1178.64996031	1219.52602895
1292.000	21.56497351	1201.06473478	1187.45587476	1228.61616430
1292.500	21.56386676	1211.22027486	1202.56573162	1236.88679832
1293.000	21.58573025	1226.97217384	1215.20406249	1246.69351156
1293.500	21.40832689	1250.61362273	1235.59214703	1255.93942691
1294.000	21.40584922	1265.71128731	1244.36142657	1268.19192393
1294.500	21.58992932	1267.60122023	1242.64194519	1269.13923108
1295.000	21.55841725	1266.10217024	1238.67288992	1267.67879042
1295.500	21.57752316	1247.39256541	1231.20534499	1266.81870329
1296.000	21.56339586	1214.47283297	1222.06917281	1265.62167619
1296.500	21.60758158	1202.99774539	1205.23367704	1264.68804660
1297.000	21.84177659	1206.58919782	1203.46045277	1263.40653678
1297.500	21.96556610	1224.57569965	1220.46634327	1261.47032181
1298.000	22.12010470	1268.81149688	1231.95873478	1258.83436009
1298.500	22.30962241	1283.71019036	1229.99799026	1257.84062733
1299.000	22.43396231	1267.06747821	1228.85151156	1258.81792617
1299.500	22.01755695	1238.59977833	1227.80655363	1263.03353597
1300.000	20.52207784	1233.17790973	1228.46632370	1272.01365605
1300.500	19.07638922	1235.49464618	1235.21599511	1276.64201317
1301.000	17.76052362	1247.66394336	1248.89776207	1278.04363845
1301.500	17.45499491	1267.66293875	1258.87367295	1279.87219252
1302.000	17.22796876	1273.66162526	1260.27370141	1283.13016985
1302.500	17.18052718	1270.04612908	1260.63099385	1286.00655342
1303.000	17.23012649	1267.50708525	1261.16919980	1291.15735524
1303.500	17.55200531	1267.14227334	1261.94900542	1298.79356598
1304.000	17.60023039	1273.39934949	1266.48195522	1305.44287599
1304.500	17.58848653	1283.84072071	1276.05148719	1309.40826815
1305.000	17.59948151	1293.24204922	1284.82341970	1307.91566493
1305.500	17.58626762	1295.00344505	1284.84257603	1303.68202441
1306.000	17.73292495	1289.90125437	1283.62730260	1299.22535167
1306.500	17.95456401	1275.97521193	1276.58439369	1295.19201694
1307.000	18.00420199	1263.85534376	1266.74352698	1291.61345195

1307.500	17.85925262	1254.62717698	1256.10588388	1287.84930247
1308.000	17.72351270	1247.67008873	1246.53642162	1284.18293361
1308.500	17.60668708	1244.05850284	1240.78993039	1280.02721613
1309.000	17.43586054	1244.69793033	1245.05525940	1276.54007043
1309.500	17.52138157	1264.05161257	1249.48450347	1272.47585107
1310.000	17.47793260	1268.71660444	1247.76586214	1268.47702253
1310.500	17.32360885	1250.37635005	1243.38249550	1264.11077974
1311.000	17.16381384	1239.47119214	1240.87873715	1263.46108175
1311.500	16.84347595	1236.22715916	1237.03850030	1263.63735392
1312.000	16.75669956	1232.95734885	1232.99700066	1263.51193305
1312.500	17.03467549	1231.86151034	1231.30930427	1264.03423201
1313.000	17.59697552	1233.57980513	1231.99921643	1264.93886212
1313.500	18.15660906	1237.21485391	1236.43009349	1265.75102458
1314.000	19.10840587	1242.23794098	1241.74138237	1266.61562672
1314.500	19.73586317	1246.89153886	1245.56196638	1267.43298429
1315.000	20.20682177	1251.81305098	1246.97377402	1268.30619851
1315.500	20.39854694	1254.21954509	1248.14140597	1269.09010673
1316.000	20.36843829	1254.89853812	1249.29272580	1270.52527207
1316.500	20.42339269	1255.65160699	1250.46290634	1272.74374256
1317.000	20.63871447	1255.46971095	1251.62577103	1274.91166170
1317.500	20.79203025	1256.09819986	1253.34305185	1277.11532390
1318.000	20.64088245	1259.46161410	1254.89828175	1279.40545436
1318.500	20.38777271	1260.39271770	1256.95313503	1280.23927546
1319.000	20.07080449	1261.22919004	1259.58844421	1280.86607944
1319.500	19.69009811	1261.86202810	1261.79138151	1281.55313520
1320.000	19.11042646	1264.75716596	1265.87953830	1282.22218677
1320.500	18.99265278	1267.95549113	1270.58749281	1282.89481578
1321.000	19.39144279	1270.47919896	1270.40919418	1283.59602464
1321.500	19.63450960	1271.18838530	1267.44862743	1283.46444938
1322.000	19.94901840	1267.49646643	1264.65650345	1282.93195679
1322.500	20.53747761	1265.21579484	1261.78078074	1282.68158077
1323.000	20.96946696	1263.09620750	1258.96029537	1282.04803788
1323.500	21.51825948	1260.11312386	1256.09378854	1282.11352834
1324.000	21.88555522	1256.56171756	1253.27359507	1278.39575702
1324.500	22.23845900	1253.34594789	1250.37878929	1272.30908121
1325.000	22.35987520	1249.84026128	1247.56015706	1267.08329256
1325.500	22.52182699	1246.79872812	1243.16313985	1261.57472435
1326.000	22.56781562	1243.18657327	1235.90999709	1256.05445175
1326.500	22.71334351	1239.13166044	1229.84794138	1250.83405333
1327.000	22.77798700	1234.55123380	1223.94751061	1244.72173835
1327.500	22.76910613	1229.32979723	1217.06611518	1241.19876078
1328.000	22.62555574	1222.10090190	1213.05152477	1241.60495822
1328.500	22.51756427	1213.23595475	1213.63581130	1241.47709242
1329.000	22.28125538	1209.19333408	1213.26758617	1241.40379829
1329.500	21.73183955	1215.13052577	1214.05517920	1243.24962210
1330.000	21.24815046	1224.89172253	1219.11526842	1249.24162380
1330.500	20.80559297	1232.71366729	1225.20811736	1257.72694920
1331.000	20.77092916	1248.47437206	1249.41130536	1265.31655168
1331.500	20.78995646	1277.52803707	1263.85636594	1276.43563495
1332.000	21.22139259	1284.60903707	1262.04059262	1282.19371225
1332.500	21.64849113	1280.49844611	1258.71235471	1281.49625619
1333.000	21.79761162	1263.31432251	1247.40267932	1274.13707285
1333.500	22.04498146	1240.29318138	1237.03050538	1261.88999145
1334.000	22.15317557	1230.88135173	1226.38051195	1255.10290189
1334.500	22.33419596	1223.87765012	1216.04845087	1248.51453414
1335.000	22.32575970	1220.12759733	1207.06479582	1241.16581815
1335.500	22.16683868	1216.82244979	1199.81612376	1237.15283610
1336.000	22.12417175	1213.37646290	1196.41627999	1237.56732980
1336.500	21.94075619	1210.82029505	1196.69819010	1237.89650534
1337.000	21.51871679	1213.19515218	1205.41810994	1243.30116878
1337.500	21.11206442	1224.43871237	1221.91396902	1249.45570344
1338.000	20.75386300	1245.10148725	1232.82366687	1254.94553999
1338.500	20.13554281	1260.91692707	1241.99261765	1261.98990345
1339.000	19.96601979	1261.49860796	1247.57729487	1269.16020837
1339.500	19.98413650	1262.07371164	1252.07971326	1269.78204031

1340.000	19.95574417	1260.56375951	1253.39888074	1268.93512621
1340.500	20.15800550	1255.58105863	1249.56679822	1260.20911405
1341.000	20.54947447	1243.24338374	1225.93380533	1251.30370146
1341.500	20.61943441	1216.12978489	1202.23357951	1243.06400806
1342.000	21.34686852	1196.83484581	1190.54897581	1237.66919974
1342.500	21.96564278	1189.02191327	1189.48149959	1238.45186873
1343.000	22.93211792	1199.80124741	1197.16845804	1238.83930275
1343.500	23.85812888	1212.73101913	1206.21630084	1240.45881444
1344.000	24.50572441	1226.25948366	1216.80753351	1250.02713261
1344.500	25.40667200	1244.53466215	1221.68845707	1260.44014281
1345.000	25.42454923	1255.04156552	1221.88809725	1261.37786674
1345.500	24.35983917	1233.93477878	1218.48032513	1260.37140449
1346.000	23.26111354	1208.38220273	1213.94473844	1260.19774949
1346.500	22.55015138	1214.57388629	1217.63378781	1257.39459502
1347.000	21.90330905	1227.16149167	1217.43635706	1249.76901827
1347.500	21.11729303	1222.54666582	1217.23850955	1242.23017621
1348.000	20.44381802	1211.95559936	1215.78117300	1237.60016370
1348.500	19.79906435	1209.64681844	1214.47093183	1234.74568481
1349.000	19.47802059	1207.40475678	1212.63248970	1231.82757522
1349.500	19.19405218	1205.46885439	1210.01253862	1228.96518251
1350				