**City & County of San Francisco**

**CCSF Vertical Datum of 2013 (CCSF-VD13) Benchmark List**

**NAVD88 Datum as Recovered by CCSF in 2013**

**Publish Date: September 15, 2015,**

**Revised February 9, 2017, June 6, 2018**

The City & County of San Francisco (CCSF) completed 72 miles of precise leveling surveys in 2013 and established 631 benchmarks. The survey recovered the North American Vertical Datum of 1988 (NAVD88) based on 35 National Geodetic Survey (NGS) Benchmarks. The published NAVD88 Heights on NGS benchmarks were found to vary +/- 2 centimeters from a best fit solution used to establish a vertical reference frame known as the “CCSF 2013 NAVD88 Vertical Datum” (referred to as CCSF-VD13). For details see the February 28, 2014 Survey Report titled “CCSF 2013 Second Order Leveling Network Survey and the CCSF 2013 NAVD88 Vertical Datum” on file with the County Surveyor and posted on the City web site. In 2014, a densification effort established 823 benchmarks adding 70 miles to the network. The 2014 densification surveys were constrained to the 2013 network. As of September 2015, 1454 CCSF-VD13 Benchmarks had been established notwithstanding monuments lost due to construction. Please report destroyed monuments to [geodesy@sfdpw.org](mailto:geodesy@sfdpw.org). The point number range reserved for benchmarks is 10001-15999.

The accuracy of the network is indicated by the loop closures. The pre-adjustment closures of the 2013 loops were generally 0.01 feet (3 millimeters). The pre-adjustment closures of the 2014 densification loops on the 2013 network were generally less than 0.01 feet (3 millimeters). The relative accuracy of undisturbed benchmarks is expected to be 1-2 millimeters. The survey was performed in metric units carried to the nearest millimeter. The heights are provided below in meters and US survey feet. The units of feet are provided to three decimal places to preserve the metric accuracy of 1 millimeter (0.003 feet). These heights supersede preliminary adjustments of the 2014 densification benchmarks which may vary 0.01 feet.

CCSF-VD13 supersedes the old City Datum. The difference between CCSF-VD13 and the Old City Datum varies across the City. The conversion approved by the City & County Surveyor to estimate the Old City Datum follows:

CCSF-VD13 (feet) - 11.35 feet = Old City Datum in feet.

The actual differences on Old City Datum benchmarks may vary between 11.2’ and 11.5’ or greater due to subsidence and lack of maintenance. Adding 11.35 feet to Old City Datum Benchmarks heights to obtain CCSF-VD13 heights is not permitted.

Revised Orthometric Heights: 01/01/17 at 10284, 10286, 10288

Revised Benchmarks heights are indicated by “ **\*** ”

Destroyed Benchmarks are indicated by “ **#** ”

Listed below are the CCSF-VD13 orthometric heights of NGS Benchmarks utilized in the recovery of NAVD88 by the City in 2013. NGS Benchmarks were assigned “99” + “last 4 digits of its NGS PID” (see Survey Report referred to above for details).

**CCSF ID (aka) NGS PID Feet Meters\_\_\_**

|  |  |  |  |
| --- | --- | --- | --- |
| **990515** | **HT0515** | **300.285** | **91.527** |
| **990516** | **HT0516** | **304.209** | **92.723** |
| **990517** | **HT0517** | **295.531** | **90.078** |
| **990604** | **HT0604** | **15.390** | **4.691** |
| **990687** | **HT0687** | **12.402** | **3.780** |
| **990692** | **HT0692** | **15.528** | **4.733** |
| **990697** | **HT0697** | **16.480** | **5.023** |
| **990698** | **HT0698** | **13.937** | **4.248** |
| **990700** | **HT0700** | **13.894** | **4.235** |
| **990701 (111)** | **HT0701** | **13.123** | **4.000** |
| **990702** | **HT0702** | **13.071** | **3.984** |
| **990705** | **HT0705** | **15.850** | **4.831** |
| **990713 (349)** | **HT0713** | **11.037** | **3.364** |
| **990720** | **HT0720** | **12.513** | **3.814** |
| **990721 (263)** | **HT0721** | **11.667** | **3.556** |
| **990724** | **HT0724** | **20.426** | **6.226** |
| **990726** | **HT0726** | **22.946** | **6.994** |
| **990728** | **HT0728** | **14.357** | **4.376** |
| **990759** | **HT0759** | **11.467** | **3.495** |
| **990781** | **HT0781** | **23.484** | **7.158** |
| **991843 (104)** | **HT1843** | **24.770** | **7.550** |
| **992254** | **HT2254** | **14.327** | **4.367** |
| **992255** | **HT2255** | **19.173** | **5.844** |
| **992259** | **HT2259** | **168.723** | **51.427** |
| **992261** | **HT2261** | **153.953** | **46.925** |
| **992262** | **HT2262** | **173.051** | **52.746** |
| **992263** | **HT2263** | **228.454** | **69.633** |
| **992267** | **HT2267** | **221.430** | **67.492** |
| **992268 (435)** | **HT2268** | **336.128** | **102.452** |
| **992273** | **HT2273** | **190.938** | **58.198** |
| **993538** | **HT3538** | **12.175** | **3.711** |
| **993541** | **HT3541** | **18.389** | **5.605** |
| **995209 (201)** | **AE5209** | **12.005** | **3.659** |
| **997677 (202)** | **AB7677** | **77.956** | **23.761** |
| **997679 (107)** | **AB7679** | **12.129** | **3.697** |

Listed below are the CCSF-VD13 Heights of the City’s High Precision Network (HPN) established in 2013 and described in RS #8080.

**\_HPN Feet Meters\_\_\_**

|  |  |  |
| --- | --- | --- |
| **101** | **494.746** | **150.799** |
| **102** | **560.993** | **170.991** |
| **103** | **152.076** | **46.353** |
| **104** | **24.770** | **7.550** |
| **105** | **185.331** | **56.489** |
| **106** | **361.882** | **110.302** |
| **107** | **12.129** | **3.697** |
| **108** | **14.711** | **4.484** |
| **109** | **11.355** | **3.461** |
| **110** | **10.758** | **3.279** |
| **111** | **13.123** | **4.000** |
| **112** | **178.294** | **54.344** |
| **113** | **245.459** | **74.816** |
| **114** | **326.958** | **99.657** |
| **115** | **201.597** | **61.447** |
| **116** | **295.226** | **89.985** |
| **117** | **384.422** | **117.172** |
| **118** | **257.716** | **78.552** |
| **119** | **62.142** | **18.941** |
| **120** | **281.781** | **85.887** |

Listed below are the CCSF-VD13 heights of the High Precision Network Densification (HPND) Control Points that were included in the leveling network followed by the 2013 and 2014 Benchmarks. The Densification Control Surveys are an ongoing program to densify the HPN by establishing Secondary Control throughout the City and are published in their entirety with their CCSF-VD13 heights and CCSF-CS13 coordinates in a separate document titled “CCSF HPND Densification Coordinate List”. The HPND reserved point number range is 201-1999.

Benchmarks may be upgraded to HPND status when convenient and suitable for GNSS observations. In which case, the benchmark is assigned a 3-4 digit HPND identification which supersedes its five digit Benchmark identification.

|  |  |  |
| --- | --- | --- |
| **201=AE5209** | **12.005** | **3.659** |
| **202=AB7677** | **77.956** | **23.761** |
| **204** | **106.983** | **32.608** |
| **205** | **105.411** | **32.129** |
| **206** | **123.432** | **37.622** |
| **207** | **45.257** | **13.794** |
| **208** | **56.198** | **17.129** |
| **209** | **61.391** | **18.712** |
| **210** | **14.395** | **4.388** |
| **211** | **20.189** | **6.154** |
| **212** | **12.123** | **3.695** |
| **213** | **11.836** | **3.608** |
| **214** | **11.197** | **3.413** |
| **215** | **26.521** | **8.084** |
| **216** | **31.900** | **9.723** |
| **217** | **41.913** | **12.775** |
| **218 #** | **29.066** | **8.859** |
| **219** | **13.394** | **4.082** |
| **220** | **11.162** | **3.402** |
| **221** | **12.590** | **3.837** |
| **223** | **237.032** | **72.247** |
| **224** | **237.509** | **72.393** |
| **225** | **253.975** | **77.412** |
| **226** | **226.744** | **69.112** |
| **227** | **163.147** | **49.727** |
| **228** | **94.942** | **28.938** |
| **229** | **64.415** | **19.634** |
| **230** | **19.449** | **5.928** |
| **232** | **25.817** | **7.869** |
| **233** | **46.047** | **14.035** |
| **234** | **245.762** | **74.908** |
| **235** | **243.855** | **74.327** |
| **236** | **11.957** | **3.645** |
| **237** | **12.823** | **3.908** |
| **238** | **54.763** | **16.692** |
| **239** | **44.256** | **13.489** |
| **240** | **19.900** | **6.066** |
| **241** | **25.414** | **7.746** |
| **242** | **22.525** | **6.866** |
| **243** | **22.580** | **6.882** |
| **244** | **22.662** | **6.907** |
| **245** | **22.492** | **6.856** |
| **246** | **22.250** | **6.782** |
| **247** | **119.907** | **36.548** |
| **248** | **120.848** | **36.835** |
| **249** | **128.536** | **39.178** |
| **250** | **130.136** | **39.666** |
| **251** | **137.859** | **42.020** |
| **252 #** | **140.155** | **42.719** |
| **254** | **419.439** | **127.845** |
| **255** | **264.518** | **80.625** |
| **256** | **304.656** | **92.859** |
| **257** | **326.486** | **99.513** |
| **258** | **299.712** | **91.352** |
| **259** | **278.236** | **84.807** |
| **260** | **31.162** | **9.498** |
| **261** | **30.091** | **9.172** |
| **262** | **30.362** | **9.254** |
| **263=990721** | **11.670** | **3.557** |
| **264** | **161.025** | **49.081** |
| **265** | **10.048** | **3.063** |
| **266** | **9.112** | **2.777** |
| **267** | **10.348** | **3.154** |
| **268** | **45.202** | **13.778** |
| **269** | **176.660** | **53.846** |
| **270 =11352** | **203.535** | **62.038** |
| **271** | **153.624** | **46.825** |
| **272** | **169.574** | **51.686** |
| **307** | **44.686** | **13.620** |
| **311** | **20.560** | **6.267** |
| **314** | **14.700** | **4.481** |
| **315** | **19.335** | **5.893** |
| **318** | **13.574** | **4.137** |
| **319** | **17.332** | **5.283** |
| **321** | **8.758** | **2.669** |
| **322** | **11.814** | **3.601** |
| **323** | **20.347** | **6.202** |
| **325** | **12.458** | **3.797** |
| **336** | **23.739** | **7.236** |
| **340** | **20.351** | **6.203** |
| **10001** | **9.715** | **2.961** |
| **10002** | **9.180** | **2.798** |
| **10003** | **9.491** | **2.893** |
| **10004** | **11.480** | **3.499** |
| **10005** | **10.574** | **3.223** |
| **10006** | **10.535** | **3.211** |
| **10007** | **11.014** | **3.357** |
| **10008** | **11.673** | **3.558** |
| **10009** | **11.841** | **3.609** |
| **10010** | **11.207** | **3.416** |
| **10011** | **11.362** | **3.463** |
| **10012** | **10.728** | **3.270** |
| **10013** | **11.050** | **3.368** |
| **10014** | **11.526** | **3.513** |
| **10015** | **11.322** | **3.451** |
| **10016 #** | **14.026** | **4.275** |
| **10017** | **19.947** | **6.080** |
| **10018** | **18.727** | **5.708** |
| **10019** | **13.081** | **3.987** |
| **10020** | **10.896** | **3.321** |
| **10021** | **11.234** | **3.424** |
| **10022** | **11.434** | **3.485** |
| **10023** | **12.287** | **3.745** |
| **10024** | **13.901** | **4.237** |
| **10025** | **16.814** | **5.125** |
| **10026 #** | **11.512** | **3.509** |
| **10027** | **10.978** | **3.346** |
| **10028** | **11.384** | **3.470** |
| **10029** | **18.993** | **5.789** |
| **10030** | **69.275** | **21.115** |
| **10031** | **86.785** | **26.452** |
| **10032 #** | **76.578** | **23.341** |
| **10033** | **66.525** | **20.277** |
| **10034** | **56.188** | **17.126** |
| **10035** | **41.640** | **12.692** |
| **10036** | **28.504** | **8.688** |
| **10037** | **23.629** | **7.202** |
| **10038** | **17.192** | **5.240** |
| **10039** | **10.892** | **3.320** |
| **10040** | **10.272** | **3.131** |
| **10041** | **9.984** | **3.043** |
| **10042** | **9.774** | **2.979** |
| **10043** | **10.732** | **3.271** |
| **10044** | **45.049** | **13.731** |
| **10045** | **10.837** | **3.303** |
| **10046** | **10.869** | **3.313** |
| **10047** | **11.883** | **3.622** |
| **10048** | **11.450** | **3.490** |
| **10049** | **72.953** | **22.236** |
| **10050** | **302.591** | **92.230** |
| **10051** | **139.472** | **42.511** |
| **10052** | **144.557** | **44.061** |
| **10053** | **159.521** | **48.622** |
| **10054 #** | **170.685** | **52.025** |
| **10055** | **174.599** | **53.218** |
| **10056** | **178.638** | **54.449** |
| **10057** | **228.477** | **69.640** |
| **10058** | **225.649** | **68.778** |
| **10059 #** | **230.869** | **70.369** |
| **10060** | **232.637** | **70.908** |
| **10061** | **235.636** | **71.822** |
| **10062 #** | **237.880** | **72.506** |
| **10063** | **240.941** | **73.439** |
| **10064** | **243.832** | **74.320** |
| **10065** | **244.816** | **74.620** |
| **10066** | **249.025** | **75.903** |
| **10067** | **255.833** | **77.978** |
| **10068** | **249.862** | **76.158** |
| **10069** | **245.797** | **74.919** |
| **10070 #** | **241.335** | **73.559** |
| **10071** | **238.530** | **72.704** |
| **10072** | **230.515** | **70.261** |
| **10073** | **223.677** | **68.177** |
| **10074 #** | **216.752** | **66.066** |
| **10075** | **210.584** | **64.186** |
| **10076** | **198.691** | **60.561** |
| **10077** | **187.611** | **57.184** |
| **10078** | **187.359** | **57.107** |
| **10079** | **176.679** | **53.852** |
| **10080** | **171.725** | **52.342** |
| **10081** | **164.314** | **50.083** |
| **10082** | **151.673** | **46.230** |
| **10083** | **146.368** | **44.613** |
| **10084** | **139.301** | **42.459** |
| **10085** | **130.692** | **39.835** |
| **10086** | **120.249** | **36.652** |
| **10087** | **115.735** | **35.276** |
| **10088** | **119.760** | **36.503** |
| **10089** | **102.244** | **31.164** |
| **10090** | **70.892** | **21.608** |
| **10091** | **55.584** | **16.942** |
| **10092 #** | **55.659** | **16.965** |
| **10093** | **54.504** | **16.613** |
| **10094** | **54.892** | **16.731** |
| **10095** | **55.403** | **16.887** |
| **10096** | **59.426** | **18.113** |
| **10097** | **54.222** | **16.527** |
| **10098** | **47.169** | **14.377** |
| **10099** | **44.659** | **13.612** |
| **10100** | **45.167** | **13.767** |
| **10101** | **39.787** | **12.127** |
| **10102** | **35.469** | **10.811** |
| **10103** | **41.197** | **12.557** |
| **10104** | **43.917** | **13.386** |
| **10105** | **45.909** | **13.993** |
| **10106** | **34.350** | **10.470** |
| **10107** | **22.710** | **6.922** |
| **10108** | **16.076** | **4.900** |
| **10109** | **13.799** | **4.206** |
| **10110** | **12.139** | **3.700** |
| **10111** | **10.794** | **3.290** |
| **10118** | **257.145** | **78.378** |
| **10119** | **264.681** | **80.675** |
| **10120** | **267.791** | **81.623** |
| **10121** | **270.757** | **82.527** |
| **10122** | **273.549** | **83.378** |
| **10123** | **279.786** | **85.279** |
| **10124** | **281.538** | **85.813** |
| **10125** | **291.374** | **88.811** |
| **10126** | **281.325** | **85.748** |
| **10127** | **278.589** | **84.914** |
| **10128** | **277.024** | **84.437** |
| **10129** | **276.046** | **84.139** |
| **10130** | **271.788** | **82.841** |
| **10131** | **267.109** | **81.415** |
| **10132** | **259.619** | **79.132** |
| **10133** | **255.925** | **78.006** |
| **10134** | **250.902** | **76.475** |
| **10135** | **249.685** | **76.104** |
| **10136** | **248.802** | **75.835** |
| **10137** | **247.660** | **75.487** |
| **10138** | **246.758** | **75.212** |
| **10139** | **246.128** | **75.020** |
| **10140** | **244.442** | **74.506** |
| **10141** | **235.958** | **71.920** |
| **10142** | **228.123** | **69.532** |
| **10144** | **223.523** | **68.130** |
| **10145** | **264.038** | **80.479** |
| **10146** | **299.173** | **91.188** |
| **10147** | **330.075** | **100.607** |
| **10148** | **11.227** | **3.422** |
| **10149** | **344.136** | **104.893** |
| **10150** | **361.686** | **110.242** |
| **10151** | **392.519** | **119.640** |
| **10152** | **423.772** | **129.166** |
| **10153** | **439.812** | **134.055** |
| **10154** | **417.594** | **127.283** |
| **10155** | **377.893** | **115.182** |
| **10156** | **338.871** | **103.288** |
| **10157** | **308.044** | **93.892** |
| **10158** | **297.214** | **90.591** |
| **10159** | **269.038** | **82.003** |
| **10160** | **230.567** | **70.277** |
| **10161** | **220.521** | **67.215** |
| **10162** | **215.807** | **65.778** |
| **10163** | **171.919** | **52.401** |
| **10164** | **162.086** | **49.404** |
| **10165** | **170.174** | **51.869** |
| **10166** | **176.214** | **53.710** |
| **10167** | **227.283** | **69.276** |
| **10168** | **204.147** | **62.224** |
| **10169** | **215.305** | **65.625** |
| **10170** | **259.763** | **79.176** |
| **10171** | **294.055** | **89.628** |
| **10172** | **310.783** | **94.727** |
| **10173** | **299.940** | **91.422** |
| **10174** | **275.167** | **83.871** |
| **10175** | **259.639** | **79.138** |
| **10176** | **236.633** | **72.126** |
| **10178** | **13.369** | **4.075** |
| **10199** | **226.473** | **69.029** |
| **10200** | **216.729** | **66.059** |
| **10201 #** | **208.310** | **63.493** |
| **10202 #** | **206.601** | **62.972** |
| **10203 #** | **198.717** | **60.569** |
| **10204 #** | **189.068** | **57.628** |
| **10205** | **163.061** | **49.701** |
| **10206** | **160.288** | **48.856** |
| **10207** | **161.591** | **49.253** |
| **10208** | **159.183** | **48.519** |
| **10209** | **156.246** | **47.624** |
| **10210** | **152.739** | **46.555** |
| **10211** | **146.581** | **44.678** |
| **10212** | **143.766** | **43.820** |
| **10213** | **137.332** | **41.859** |
| **10214** | **130.931** | **39.908** |
| **10215** | **123.655** | **37.690** |
| **10216** | **113.878** | **34.710** |
| **10217** | **108.136** | **32.960** |
| **10218** | **120.308** | **36.670** |
| **10219** | **85.374** | **26.022** |
| **10220** | **81.004** | **24.690** |
| **10221** | **75.663** | **23.062** |
| **10222** | **24.829** | **7.568** |
| **10223** | **20.748** | **6.324** |
| **10224** | **18.412** | **5.612** |
| **10225 #** | **16.775** | **5.113** |
| **10226 #** | **17.615** | **5.369** |
| **10227** | **17.300** | **5.273** |
| **10228 #** | **17.667** | **5.385** |
| **10229 #** | **17.087** | **5.208** |
| **10230** | **16.680** | **5.084** |
| **10231** | **16.644** | **5.073** |
| **10232** | **23.419** | **7.138** |
| **10233** | **46.027** | **14.029** |
| **10234** | **61.535** | **18.756** |
| **10235** | **63.382** | **19.319** |
| **10236** | **70.164** | **21.386** |
| **10237** | **61.873** | **18.859** |
| **10238** | **53.419** | **16.282** |
| **10239** | **45.351** | **13.823** |
| **10240** | **36.831** | **11.226** |
| **10241** | **27.992** | **8.532** |
| **10242** | **20.961** | **6.389** |
| **10243** | **17.487** | **5.330** |
| **10244** | **15.912** | **4.850** |
| **10245** | **14.222** | **4.335** |
| **10246** | **14.216** | **4.333** |
| **10248** | **11.506** | **3.507** |
| **10249** | **11.430** | **3.484** |
| **10250** | **11.142** | **3.396** |
| **10251** | **11.352** | **3.460** |
| **10252** | **11.388** | **3.471** |
| **10253** | **11.535** | **3.516** |
| **10254** | **11.033** | **3.363** |
| **10255** | **15.489** | **4.721** |
| **10256** | **15.469** | **4.715** |
| **10258** | **14.741** | **4.493** |
| **10259** | **11.788** | **3.593** |
| **10260** | **12.267** | **3.739** |
| **10261** | **14.354** | **4.375** |
| **10262** | **16.982** | **5.176** |
| **10263** | **17.418** | **5.309** |
| **10264** | **18.022** | **5.493** |
| **10265** | **18.586** | **5.665** |
| **10266** | **19.029** | **5.800** |
| **10267** | **19.176** | **5.845** |
| **10268** | **22.172** | **6.758** |
| **10269** | **41.306** | **12.590** |
| **10270** | **40.410** | **12.317** |
| **10271** | **42.513** | **12.958** |
| **10272** | **43.661** | **13.308** |
| **10273** | **42.693** | **13.013** |
| **10274** | **40.571** | **12.366** |
| **10275** | **31.197** | **9.509** |
| **10276** | **26.676** | **8.131** |
| **10277** | **20.180** | **6.151** |
| **10278 #** | **19.295** | **5.881** |
| **10279** | **15.056** | **4.589** |
| **10280** | **13.829** | **4.215** |
| **10281** | **13.648** | **4.160** |
| **10282** | **13.028** | **3.971** |
| **10283 #** | **11.765** | **3.586** |
| **10284 \*** | **9.814** | **2.991** |
| **10285 #** | **11.489** | **3.502** |
| **10286 \*** | **9.500** | **2.896** |
| **10287 #** | **11.365** | **3.464** |
| **10288 \*** | **11.330** | **3.453** |
| **10289** | **11.325** | **3.452** |
| **10290** | **13.396** | **4.083** |
| **10291** | **12.546** | **3.824** |
| **10292** | **14.820** | **4.517** |
| **10293** | **15.466** | **4.714** |
| **10294** | **13.983** | **4.262** |
| **10295** | **21.624** | **6.591** |
| **10296** | **21.477** | **6.546** |
| **10297** | **21.410** | **6.526** |
| **10298** | **11.690** | **3.563** |
| **10299** | **11.368** | **3.465** |
| **10300** | **11.680** | **3.560** |
| **10301** | **10.863** | **3.311** |
| **10302** | **11.302** | **3.445** |
| **10303** | **11.289** | **3.441** |
| **10304** | **11.224** | **3.421** |
| **10305** | **10.869** | **3.313** |
| **10306** | **10.853** | **3.308** |
| **10307** | **11.637** | **3.547** |
| **10308** | **11.362** | **3.463** |
| **10309** | **11.325** | **3.452** |
| **10310** | **11.362** | **3.463** |
| **10311** | **11.191** | **3.411** |
| **10312** | **9.452** | **2.881** |
| **10313** | **10.358** | **3.157** |
| **10314** | **9.560** | **2.914** |
| **10315** | **11.877** | **3.620** |
| **10316** | **166.683** | **50.805** |
| **10317 =382** | **156.647** | **47.746** |
| **10318** | **149.045** | **45.429** |
| **10319** | **149.914** | **45.694** |
| **10320** | **150.515** | **45.877** |
| **10321** | **145.613** | **44.383** |
| **10322** | **141.427** | **43.107** |
| **10323 #** | **140.646** | **42.869** |
| **10324** | **142.555** | **43.451** |
| **10325 #** | **152.680** | **46.537** |
| **10326** | **155.905** | **47.520** |
| **10327 #** | **163.589** | **49.862** |
| **10328** | **168.490** | **51.356** |
| **10329** | **170.630** | **52.008** |
| **10330** | **182.729** | **55.696** |
| **10331** | **198.891** | **60.622** |
| **10332** | **216.827** | **66.089** |
| **10333** | **226.660** | **69.086** |
| **10334** | **238.569** | **72.716** |
| **10335** | **250.610** | **76.386** |
| **10336** | **265.793** | **81.014** |
| **10337 #** | **277.709** | **84.646** |
| **10338** | **276.476** | **84.270** |
| **10339** | **270.590** | **82.476** |
| **10340** | **267.654** | **81.581** |
| **10341** | **273.992** | **83.513** |
| **10342** | **281.961** | **85.942** |
| **10343 #** | **283.717** | **86.477** |
| **10344 #** | **275.295** | **83.910** |
| **10345 #** | **263.585** | **80.341** |
| **10346 #** | **253.937** | **77.400** |
| **10347 #** | **241.384** | **73.574** |
| **10348** | **230.029** | **70.113** |
| **10349** | **222.680** | **67.873** |
| **10350 #** | **198.444** | **60.486** |
| **10351** | **181.939** | **55.455** |
| **10352** | **147.208** | **44.869** |
| **10353** | **114.898** | **35.021** |
| **10354** | **86.486** | **26.361** |
| **10355** | **60.535** | **18.451** |
| **10356** | **23.707** | **7.226** |
| **10357** | **23.615** | **7.198** |
| **10358** | **23.517** | **7.168** |
| **10359** | **23.592** | **7.191** |
| **10360** | **23.625** | **7.201** |
| **10361** | **23.346** | **7.116** |
| **10362** | **23.199** | **7.071** |
| **10363** | **23.258** | **7.089** |
| **10364** | **25.400** | **7.742** |
| **10365** | **24.708** | **7.531** |
| **10366** | **22.549** | **6.873** |
| **10367** | **23.494** | **7.161** |
| **10368** | **22.569** | **6.879** |
| **10369** | **23.648** | **7.208** |
| **10371** | **25.262** | **7.700** |
| **10373** | **193.474** | **58.971** |
| **10374** | **24.915** | **7.594** |
| **10375** | **24.701** | **7.529** |
| **10376** | **24.747** | **7.543** |
| **10377** | **24.229** | **7.385** |
| **10378** | **24.318** | **7.412** |
| **10379** | **24.265** | **7.396** |
| **10380** | **23.999** | **7.315** |
| **10381** | **23.993** | **7.313** |
| **10382** | **24.137** | **7.357** |
| **10383** | **24.380** | **7.431** |
| **10384** | **25.161** | **7.669** |
| **10385 #** | **24.911** | **7.593** |
| **10386** | **27.507** | **8.384** |
| **10387** | **40.354** | **12.300** |
| **10388** | **51.630** | **15.737** |
| **10389** | **60.180** | **18.343** |
| **10390** | **65.161** | **19.861** |
| **10391** | **65.843** | **20.069** |
| **10392** | **83.281** | **25.384** |
| **10393** | **105.413** | **32.130** |
| **10394** | **112.651** | **34.336** |
| **10395** | **117.391** | **35.781** |
| **10396** | **120.413** | **36.702** |
| **10397** | **119.744** | **36.498** |
| **10398** | **120.449** | **36.713** |
| **10399** | **124.445** | **37.931** |
| **10400** | **130.161** | **39.673** |
| **10401** | **136.240** | **41.526** |
| **10402** | **141.896** | **43.250** |
| **10403** | **150.026** | **45.728** |
| **10404** | **159.429** | **48.594** |
| **10405** | **168.687** | **51.416** |
| **10406** | **177.447** | **54.086** |
| **10407** | **183.864** | **56.042** |
| **10408** | **191.627** | **58.408** |
| **10409** | **200.987** | **61.261** |
| **10410** | **210.784** | **64.247** |
| **10411** | **220.377** | **67.171** |
| **10412** | **201.450** | **61.402** |
| **10413** | **200.695** | **61.172** |
| **10414** | **205.833** | **62.738** |
| **10415** | **210.836** | **64.263** |
| **10416** | **216.414** | **65.963** |
| **10417** | **220.764** | **67.289** |
| **10418** | **227.500** | **69.342** |
| **10419** | **232.063** | **70.733** |
| **10420** | **242.299** | **73.853** |
| **10421** | **249.120** | **75.932** |
| **10422** | **259.228** | **79.013** |
| **10423** | **254.452** | **77.557** |
| **10424** | **243.631** | **74.259** |
| **10425** | **218.297** | **66.537** |
| **10426** | **200.003** | **60.961** |
| **10427** | **185.288** | **56.476** |
| **10428** | **167.208** | **50.965** |
| **10429** | **152.752** | **46.559** |
| **10430** | **145.781** | **44.434** |
| **10431** | **137.618** | **41.946** |
| **10432** | **131.020** | **39.935** |
| **10433** | **126.571** | **38.579** |
| **10434** | **124.029** | **37.804** |
| **10435** | **121.473** | **37.025** |
| **10436** | **112.838** | **34.393** |
| **10437** | **97.365** | **29.677** |
| **10438** | **79.416** | **24.206** |
| **10439** | **70.262** | **21.416** |
| **10440** | **59.488** | **18.132** |
| **10441** | **51.404** | **15.668** |
| **10442** | **45.722** | **13.936** |
| **10443** | **32.385** | **9.871** |
| **10444** | **21.775** | **6.637** |
| **10445** | **14.318** | **4.364** |
| **10446** | **14.564** | **4.439** |
| **10447** | **14.577** | **4.443** |
| **10448** | **16.991** | **5.179** |
| **10449** | **29.541** | **9.004** |
| **10450** | **37.418** | **11.405** |
| **10451** | **46.476** | **14.166** |
| **10452** | **57.493** | **17.524** |
| **10453** | **68.848** | **20.985** |
| **10466** | **34.701** | **10.577** |
| **10467** | **29.833** | **9.093** |
| **10468** | **28.084** | **8.560** |
| **10469** | **23.169** | **7.062** |
| **10470** | **22.096** | **6.735** |
| **10471** | **20.738** | **6.321** |
| **10472** | **20.495** | **6.247** |
| **10473** | **22.680** | **6.913** |
| **10474** | **30.377** | **9.259** |
| **10475** | **40.617** | **12.380** |
| **10476** | **50.043** | **15.253** |
| **10477** | **60.476** | **18.433** |
| **10478** | **69.705** | **21.246** |
| **10479** | **79.734** | **24.303** |
| **10480** | **89.370** | **27.240** |
| **10481** | **83.963** | **25.592** |
| **10482** | **77.001** | **23.470** |
| **10483** | **59.577** | **18.159** |
| **10484** | **58.829** | **17.931** |
| **10485** | **52.625** | **16.040** |
| **10486** | **45.978** | **14.014** |
| **10487** | **37.992** | **11.580** |
| **10488** | **32.260** | **9.833** |
| **10489** | **23.960** | **7.303** |
| **10490** | **15.659** | **4.773** |
| **10491** | **14.560** | **4.438** |
| **10492** | **12.244** | **3.732** |
| **10493** | **12.215** | **3.723** |
| **10494** | **12.234** | **3.729** |
| **10495** | **42.434** | **12.934** |
| **10496** | **33.553** | **10.227** |
| **10497** | **38.146** | **11.627** |
| **10498** | **43.527** | **13.267** |
| **10500** | **49.836** | **15.190** |
| **10501** | **58.707** | **17.894** |
| **10502 =401** | **67.421** | **20.550** |
| **10503** | **53.232** | **16.225** |
| **10504** | **36.463** | **11.114** |
| **10505** | **31.998** | **9.753** |
| **10506** | **31.529** | **9.610** |
| **10507** | **31.880** | **9.717** |
| **10508** | **37.300** | **11.369** |
| **10509** | **40.974** | **12.489** |
| **10510** | **52.034** | **15.860** |
| **10511** | **66.578** | **20.293** |
| **10512** | **101.765** | **31.018** |
| **10513** | **166.893** | **50.869** |
| **10514** | **16.188** | **4.934** |
| **10515** | **32.956** | **10.045** |
| **10516** | **36.611** | **11.159** |
| **10517** | **11.900** | **3.627** |
| **10518** | **13.510** | **4.118** |
| **10519** | **33.668** | **10.262** |
| **10520** | **32.677** | **9.960** |
| **10521** | **25.390** | **7.739** |
| **10522** | **72.825** | **22.197** |
| **10523 =400** | **60.712** | **18.505** |
| **10524** | **63.389** | **19.321** |
| **10525** | **115.229** | **35.122** |
| **10526** | **404.149** | **123.185** |
| **10527** | **15.215** | **4.638** |
| **10528** | **13.964** | **4.256** |
| **10529** | **12.814** | **3.906** |
| **10530** | **16.933** | **5.161** |
| **10531** | **12.047** | **3.672** |
| **10532** | **28.128** | **8.573** |
| **10533** | **35.696** | **10.880** |
| **10534** | **44.753** | **13.641** |
| **10535** | **34.752** | **10.592** |
| **10536** | **28.241** | **8.608** |
| **10537** | **21.809** | **6.647** |
| **10538** | **21.643** | **6.597** |
| **10539** | **16.374** | **4.991** |
| **10540** | **14.878** | **4.535** |
| **10541** | **12.983** | **3.957** |
| **10542** | **11.700** | **3.566** |
| **10543** | **11.631** | **3.545** |
| **10544** | **10.874** | **3.314** |
| **11001** | **110.174** | **33.581** |
| **11002** | **114.285** | **34.834** |
| **11003** | **150.610** | **45.906** |
| **11004 #** | **180.580** | **55.041** |
| **11005** | **194.675** | **59.337** |
| **11006** | **198.481** | **60.497** |
| **11007 #** | **214.776** | **65.464** |
| **11008** | **233.353** | **71.126** |
| **11009** | **242.011** | **73.765** |
| **11010** | **272.217** | **82.972** |
| **11011** | **283.841** | **86.515** |
| **11012** | **282.007** | **85.956** |
| **11013** | **328.782** | **100.213** |
| **11014** | **342.952** | **104.532** |
| **11015 #** | **355.176** | **108.258** |
| **11016** | **386.361** | **117.763** |
| **11017** | **435.298** | **132.679** |
| **11018** | **466.397** | **142.158** |
| **11019** | **491.787** | **149.897** |
| **11020** | **509.517** | **155.301** |
| **11021** | **528.224** | **161.003** |
| **11022** | **558.273** | **170.162** |
| **11023** | **584.976** | **178.301** |
| **11024** | **577.181** | **175.925** |
| **11025** | **562.322** | **171.396** |
| **11026** | **148.048** | **45.125** |
| **11027** | **166.597** | **50.779** |
| **11028** | **160.052** | **48.784** |
| **11029** | **152.526** | **46.490** |
| **11030 #** | **148.189** | **45.168** |
| **11031** | **197.683** | **60.254** |
| **11032** | **259.898** | **79.217** |
| **11033** | **311.663** | **94.995** |
| **11034** | **349.176** | **106.429** |
| **11035** | **404.445** | **123.275** |
| **11036** | **11.493** | **3.503** |
| **11037** | **16.535** | **5.040** |
| **11038** | **16.427** | **5.007** |
| **11039** | **14.655** | **4.467** |
| **11040** | **14.101** | **4.298** |
| **11041** | **315.990** | **96.314** |
| **11042** | **331.699** | **101.102** |
| **11043** | **340.170** | **103.684** |
| **11044** | **337.450** | **102.855** |
| **11045** | **348.139** | **106.113** |
| **11046** | **359.399** | **109.545** |
| **11047** | **12.057** | **3.675** |
| **11048** | **93.143** | **28.390** |
| **11049** | **129.488** | **39.468** |
| **11050** | **189.973** | **57.904** |
| **11051** | **220.121** | **67.093** |
| **11052** | **249.790** | **76.136** |
| **11054** | **244.688** | **74.581** |
| **11055** | **246.427** | **75.111** |
| **11057** | **157.765** | **48.087** |
| **11058** | **176.115** | **53.680** |
| **11059 #** | **136.596** | **41.635** |
| **11060** | **72.644** | **22.142** |
| **11061** | **67.460** | **20.562** |
| **11062** | **84.796** | **25.846** |
| **11063** | **114.065** | **34.767** |
| **11064** | **143.937** | **43.872** |
| **11065** | **175.853** | **53.600** |
| **11066** | **188.175** | **57.356** |
| **11067** | **244.957** | **74.663** |
| **11068** | **312.552** | **95.266** |
| **11069** | **389.438** | **118.701** |
| **11070** | **20.522** | **6.255** |
| **11071** | **21.204** | **6.463** |
| **11072** | **63.422** | **19.331** |
| **11073** | **61.361** | **18.703** |
| **11074** | **61.565** | **18.765** |
| **11075** | **387.788** | **118.198** |
| **11076** | **379.717** | **115.738** |
| **11077 =354** | **388.559** | **118.433** |
| **11078** | **382.151** | **116.480** |
| **11079** | **380.609** | **116.010** |
| **11080** | **378.917** | **115.494** |
| **11081** | **359.209** | **109.487** |
| **11082** | **337.299** | **102.809** |
| **11083** | **315.350** | **96.119** |
| **11084** | **309.005** | **94.185** |
| **11085** | **288.484** | **87.930** |
| **11086** | **272.158** | **82.954** |
| **11087** | **254.209** | **77.483** |
| **11088** | **233.267** | **71.100** |
| **11089** | **214.143** | **65.271** |
| **11090** | **200.141** | **61.003** |
| **11091** | **182.086** | **55.500** |
| **11092** | **171.883** | **52.390** |
| **11093** | **163.284** | **49.769** |
| **11094** | **138.743** | **42.289** |
| **11095** | **125.131** | **38.140** |
| **11096** | **108.113** | **32.953** |
| **11097** | **90.902** | **27.707** |
| **11098** | **85.029** | **25.917** |
| **11099** | **78.605** | **23.959** |
| **11100** | **60.321** | **18.386** |
| **11101** | **45.141** | **13.759** |
| **11102** | **34.318** | **10.460** |
| **11103** | **27.421** | **8.358** |
| **11104 #** | **25.397** | **7.741** |
| **11105** | **310.236** | **94.560** |
| **11106** | **315.826** | **96.264** |
| **11107** | **340.583** | **103.810** |
| **11108** | **351.223** | **107.053** |
| **11109** | **334.793** | **102.045** |
| **11110** | **324.937** | **99.041** |
| **11111** | **320.888** | **97.807** |
| **11112** | **314.799** | **95.951** |
| **11113** | **212.378** | **64.733** |
| **11114** | **221.729** | **67.583** |
| **11115** | **231.748** | **70.637** |
| **11116 #** | **199.662** | **60.857** |
| **11117** | **163.110** | **49.716** |
| **11118** | **156.568** | **47.722** |
| **11119** | **149.616** | **45.603** |
| **11120** | **141.355** | **43.085** |
| **11121** | **143.533** | **43.749** |
| **11122** | **140.610** | **42.858** |
| **11123** | **138.737** | **42.287** |
| **11124 #** | **144.622** | **44.081** |
| **11125** | **148.254** | **45.188** |
| **11126** | **150.597** | **45.902** |
| **11127** | **169.921** | **51.792** |
| **11128** | **201.788** | **61.505** |
| **11129** | **221.820** | **67.611** |
| **11130** | **261.814** | **79.801** |
| **11131** | **287.965** | **87.772** |
| **11132** | **247.021** | **75.292** |
| **11133** | **246.725** | **75.202** |
| **11134** | **255.006** | **77.726** |
| **11135** | **280.416** | **85.471** |
| **11136** | **296.007** | **90.223** |
| **11137** | **292.099** | **89.032** |
| **11138** | **251.778** | **76.742** |
| **11139** | **227.053** | **69.206** |
| **11140** | **191.469** | **58.360** |
| **11141** | **177.641** | **54.145** |
| **11142** | **151.640** | **46.220** |
| **11143** | **131.542** | **40.094** |
| **11144** | **116.788** | **35.597** |
| **11146** | **101.519** | **30.943** |
| **11147** | **102.434** | **31.222** |
| **11148** | **98.881** | **30.139** |
| **11149** | **111.227** | **33.902** |
| **11150** | **99.248** | **30.251** |
| **11151** | **100.830** | **30.733** |
| **11152** | **94.130** | **28.691** |
| **11153** | **89.964** | **27.421** |
| **11161** | **126.379** | **38.520** |
| **11162** | **117.703** | **35.876** |
| **11163** | **113.556** | **34.612** |
| **11164** | **110.923** | **33.809** |
| **11165** | **115.203** | **35.114** |
| **11166** | **101.483** | **30.932** |
| **11167** | **87.585** | **26.696** |
| **11168** | **81.449** | **24.826** |
| **11169** | **76.648** | **23.362** |
| **11170** | **72.684** | **22.154** |
| **11171** | **60.984** | **18.588** |
| **11172** | **31.428** | **9.579** |
| **11173** | **24.506** | **7.469** |
| **11174** | **15.244** | **4.646** |
| **11175** | **13.996** | **4.266** |
| **11176** | **12.358** | **3.767** |
| **11177** | **13.781** | **4.200** |
| **11178** | **15.487** | **4.720** |
| **11179** | **30.088** | **9.171** |
| **11181** | **213.127** | **64.961** |
| **11182** | **209.195** | **63.763** |
| **11183** | **204.850** | **62.438** |
| **11184** | **201.118** | **61.301** |
| **11185** | **197.640** | **60.241** |
| **11186** | **196.614** | **59.928** |
| **11187** | **195.709** | **59.652** |
| **11188** | **194.648** | **59.329** |
| **11189** | **191.733** | **58.440** |
| **11190** | **188.696** | **57.515** |
| **11191** | **183.662** | **55.980** |
| **11192** | **177.639** | **54.144** |
| **11193** | **172.402** | **52.548** |
| **11194** | **166.529** | **50.758** |
| **11195** | **160.652** | **48.967** |
| **11196** | **152.728** | **46.552** |
| **11197** | **163.809** | **49.929** |
| **11198** | **193.251** | **58.903** |
| **11199** | **213.657** | **65.123** |
| **11200** | **226.003** | **68.886** |
| **11201** | **220.209** | **67.120** |
| **11202** | **196.421** | **59.869** |
| **11203** | **195.885** | **59.706** |
| **11204** | **186.448** | **56.829** |
| **11205** | **182.207** | **55.537** |
| **11206** | **166.456** | **50.736** |
| **11207** | **149.574** | **45.590** |
| **11208** | **146.640** | **44.696** |
| **11209** | **92.266** | **28.123** |
| **11210** | **103.502** | **31.547** |
| **11211** | **121.658** | **37.081** |
| **11212** | **39.173** | **11.940** |
| **11213** | **35.072** | **10.690** |
| **11214** | **27.953** | **8.520** |
| **11215** | **24.043** | **7.328** |
| **11216** | **19.327** | **5.891** |
| **11217** | **21.451** | **6.538** |
| **11218** | **24.720** | **7.535** |
| **11219** | **26.367** | **8.037** |
| **11220** | **28.267** | **8.616** |
| **11221** | **41.474** | **12.641** |
| **11222** | **47.601** | **14.509** |
| **11223** | **57.846** | **17.631** |
| **11224** | **61.728** | **18.815** |
| **11225** | **63.652** | **19.401** |
| **11226** | **65.951** | **20.102** |
| **11227** | **67.620** | **20.611** |
| **11228** | **61.145** | **18.637** |
| **11229** | **47.385** | **14.443** |
| **11230** | **66.586** | **20.295** |
| **11231** | **69.979** | **21.330** |
| **11232** | **76.073** | **23.187** |
| **11233** | **83.612** | **25.485** |
| **11234** | **93.503** | **28.500** |
| **11235** | **97.551** | **29.734** |
| **11236** | **103.846** | **31.652** |
| **11237** | **113.810** | **34.689** |
| **11238** | **112.859** | **34.399** |
| **11239** | **115.010** | **35.055** |
| **11240** | **116.815** | **35.605** |
| **11241** | **127.780** | **38.947** |
| **11242 #** | **169.813** | **51.759** |
| **11243** | **200.449** | **61.097** |
| **11244** | **223.288** | **68.058** |
| **11245** | **271.233** | **82.672** |
| **11246** | **269.045** | **82.005** |
| **11247** | **254.831** | **77.673** |
| **11248** | **212.713** | **64.835** |
| **11249** | **202.877** | **61.837** |
| **11250** | **176.704** | **53.859** |
| **11251** | **43.504** | **13.260** |
| **11252** | **40.642** | **12.388** |
| **11253 =398** | **38.894** | **11.855** |
| **11254** | **38.735** | **11.806** |
| **11255** | **36.987** | **11.274** |
| **11256** | **34.843** | **10.620** |
| **11257** | **32.228** | **9.823** |
| **11258** | **30.394** | **9.264** |
| **11259** | **27.992** | **8.532** |
| **11260** | **297.957** | **90.817** |
| **11261** | **284.429** | **86.694** |
| **11262** | **279.295** | **85.129** |
| **11263** | **278.716** | **84.953** |
| **11264** | **287.204** | **87.540** |
| **11265** | **345.576** | **105.332** |
| **11266** | **379.990** | **115.821** |
| **11267** | **353.164** | **107.645** |
| **11268** | **335.227** | **102.177** |
| **11269** | **331.091** | **100.917** |
| **11270** | **334.264** | **101.884** |
| **11271** | **331.426** | **101.019** |
| **11272** | **317.980** | **96.920** |
| **11273** | **308.314** | **93.974** |
| **11274** | **330.058** | **100.602** |
| **11275** | **332.081** | **101.218** |
| **11276** | **343.119** | **104.583** |
| **11277** | **355.002** | **108.205** |
| **11278** | **346.310** | **105.555** |
| **11279** | **323.174** | **98.504** |
| **11280** | **281.802** | **85.893** |
| **11281** | **270.418** | **82.424** |
| **11282** | **264.590** | **80.647** |
| **11283** | **258.709** | **78.855** |
| **11284** | **257.835** | **78.588** |
| **11285** | **249.465** | **76.037** |
| **11286** | **251.415** | **76.631** |
| **11287** | **251.975** | **76.802** |
| **11288** | **245.895** | **74.949** |
| **11289** | **243.646** | **74.263** |
| **11290** | **241.554** | **73.626** |
| **11291** | **249.295** | **75.985** |
| **11292** | **257.342** | **78.438** |
| **11293** | **245.618** | **74.865** |
| **11294** | **233.786** | **71.258** |
| **11295** | **196.191** | **59.799** |
| **11296** | **190.570** | **58.086** |
| **11297** | **182.131** | **55.514** |
| **11298** | **171.145** | **52.165** |
| **11299** | **145.615** | **44.384** |
| **11300** | **125.545** | **38.266** |
| **11301** | **106.540** | **32.473** |
| **11302** | **89.590** | **27.307** |
| **11303** | **86.747** | **26.441** |
| **11304** | **77.705** | **23.685** |
| **11305** | **68.613** | **20.913** |
| **11306** | **47.436** | **14.459** |
| **11307** | **34.690** | **10.574** |
| **11308** | **29.662** | **9.041** |
| **11309** | **25.386** | **7.738** |
| **11310** | **24.507** | **7.470** |
| **11311** | **26.136** | **7.966** |
| **11312** | **27.525** | **8.390** |
| **11313** | **28.846** | **8.792** |
| **11314** | **29.374** | **8.953** |
| **11315** | **51.383** | **15.662** |
| **11316** | **67.553** | **20.590** |
| **11317** | **71.902** | **21.916** |
| **11318** | **81.333** | **24.790** |
| **11319** | **93.945** | **28.634** |
| **11320** | **91.601** | **27.920** |
| **11321** | **74.192** | **22.614** |
| **11322** | **44.627** | **13.602** |
| **11323** | **40.786** | **12.432** |
| **11324** | **24.591** | **7.495** |
| **11325** | **17.205** | **5.244** |
| **11326** | **17.373** | **5.295** |
| **11327** | **18.307** | **5.580** |
| **11328** | **19.818** | **6.041** |
| **11329** | **24.704** | **7.530** |
| **11330** | **31.431** | **9.580** |
| **11331** | **35.422** | **10.797** |
| **11332** | **51.862** | **15.808** |
| **11333** | **62.077** | **18.921** |
| **11334** | **70.105** | **21.368** |
| **11335** | **81.395** | **24.809** |
| **11336** | **91.628** | **27.928** |
| **11337** | **98.757** | **30.101** |
| **11338** | **106.690** | **32.519** |
| **11339** | **131.665** | **40.132** |
| **11340** | **121.489** | **37.030** |
| **11341** | **116.754** | **35.587** |
| **11342** | **126.155** | **38.452** |
| **11343** | **151.598** | **46.207** |
| **11344** | **181.499** | **55.321** |
| **11345** | **209.880** | **63.972** |
| **11346** | **177.300** | **54.041** |
| **11347 #** | **134.522** | **41.002** |
| **11348** | **129.410** | **39.444** |
| **11349** | **133.541** | **40.703** |
| **11350** | **148.181** | **45.166** |
| **11351** | **173.292** | **52.820** |
| **11352 =270** | **203.535** | **62.038** |
| **11353** | **241.445** | **73.593** |
| **11354** | **273.385** | **83.328** |
| **11355** | **276.222** | **84.193** |
| **11356** | **272.227** | **82.975** |
| **11357** | **262.108** | **79.891** |
| **11358** | **252.627** | **77.001** |
| **11359** | **236.735** | **72.157** |
| **11360** | **227.776** | **69.426** |
| **11361** | **223.665** | **68.173** |
| **11362** | **219.757** | **66.982** |
| **11363** | **216.786** | **66.077** |
| **11364** | **214.896** | **65.500** |
| **11365** | **212.743** | **64.844** |
| **11366** | **206.640** | **62.984** |
| **11367** | **197.149** | **60.091** |
| **11368** | **187.872** | **57.264** |
| **11369** | **180.619** | **55.053** |
| **11370** | **177.233** | **54.021** |
| **11371** | **177.444** | **54.085** |
| **11372 =380** | **177.160** | **53.998** |
| **11373** | **177.377** | **54.065** |
| **11374** | **176.405** | **53.768** |
| **11375** | **175.868** | **53.605** |
| **11376** | **175.488** | **53.489** |
| **11377** | **144.279** | **43.976** |
| **11378** | **135.443** | **41.283** |
| **11379** | **125.999** | **38.405** |
| **11380** | **116.501** | **35.510** |
| **11381** | **107.213** | **32.679** |
| **11382** | **97.896** | **29.839** |
| **11383** | **89.413** | **27.253** |
| **11384** | **79.871** | **24.345** |
| **11385** | **71.369** | **21.753** |
| **11386** | **59.808** | **18.230** |
| **11387** | **50.939** | **15.526** |
| **11388** | **40.800** | **12.436** |
| **11389** | **32.944** | **10.041** |
| **11390** | **25.932** | **7.904** |
| **11391** | **46.436** | **14.154** |
| **11392** | **49.389** | **15.054** |
| **11393** | **68.955** | **21.018** |
| **11394** | **91.124** | **27.775** |
| **11395** | **119.912** | **36.549** |
| **11396** | **144.142** | **43.935** |
| **11397** | **192.903** | **58.797** |
| **11398** | **221.040** | **67.373** |
| **11399** | **301.634** | **91.938** |
| **11400** | **277.647** | **84.627** |
| **11401** | **251.768** | **76.739** |
| **11402** | **221.946** | **67.649** |
| **11403** | **191.265** | **58.298** |
| **11404** | **143.401** | **43.709** |
| **11405** | **92.509** | **28.197** |
| **11406** | **47.499** | **14.478** |
| **11407** | **29.328** | **8.939** |
| **11408** | **21.808** | **6.647** |
| **11409** | **17.232** | **5.252** |
| **11410** | **15.664** | **4.774** |
| **11411** | **12.741** | **3.883** |
| **11412** | **12.007** | **3.660** |
| **11413** | **10.200** | **3.109** |
| **11414** | **283.718** | **86.477** |
| **11415** | **283.497** | **86.410** |
| **11416** | **303.855** | **92.615** |
| **11417** | **341.460** | **104.077** |
| **11418** | **323.963** | **98.744** |
| **11419** | **326.364** | **99.476** |
| **11421** | **271.279** | **82.686** |
| **11422** | **255.837** | **77.979** |
| **11423** | **271.584** | **82.779** |
| **11424** | **275.574** | **83.995** |
| **11425** | **265.822** | **81.023** |
| **11426** | **249.513** | **76.052** |
| **11427** | **236.657** | **72.133** |
| **11428** | **225.518** | **68.738** |
| **11429** | **201.572** | **61.439** |
| **11430** | **195.358** | **59.545** |
| **11431** | **189.489** | **57.756** |
| **11432** | **183.343** | **55.883** |
| **11433** | **177.230** | **54.020** |
| **11434** | **175.777** | **53.577** |
| **11435** | **174.745** | **53.262** |
| **11436** | **173.532** | **52.893** |
| **11437** | **172.951** | **52.716** |
| **11438** | **164.534** | **50.150** |
| **11439** | **156.941** | **47.836** |
| **11440** | **148.525** | **45.271** |
| **11441** | **146.593** | **44.682** |
| **11442** | **139.735** | **42.591** |
| **11443** | **136.628** | **41.644** |
| **11444** | **133.577** | **40.714** |
| **11445** | **131.470** | **40.072** |
| **11446** | **133.701** | **40.752** |
| **11447** | **133.683** | **40.747** |
| **11448** | **132.763** | **40.466** |
| **11449** | **131.687** | **40.138** |
| **11450** | **129.738** | **39.544** |
| **11451** | **136.813** | **41.701** |
| **11452** | **137.337** | **41.860** |
| **11453** | **141.963** | **43.270** |
| **11454** | **149.806** | **45.661** |
| **11455** | **151.472** | **46.169** |
| **11456** | **162.606** | **49.562** |
| **11457** | **175.670** | **53.544** |
| **11458** | **189.036** | **57.618** |
| **11459** | **201.005** | **61.266** |
| **11460** | **200.213** | **61.025** |
| **11461** | **198.662** | **60.552** |
| **11462** | **251.513** | **76.661** |
| **11463** | **235.800** | **71.872** |
| **11464** | **166.514** | **50.754** |
| **11465** | **230.600** | **70.287** |
| **11466** | **231.905** | **70.685** |
| **11467** | **234.314** | **71.419** |
| **11468** | **241.635** | **73.650** |
| **11469** | **251.734** | **76.729** |
| **11470** | **249.707** | **76.111** |
| **11471** | **247.832** | **75.539** |
| **11472** | **245.744** | **74.903** |
| **11473** | **243.865** | **74.330** |
| **11474** | **231.291** | **70.498** |
| **11475** | **212.154** | **64.665** |
| **11476** | **196.672** | **59.946** |
| **11477** | **184.732** | **56.306** |
| **11478** | **179.517** | **54.717** |
| **11479** | **171.683** | **52.329** |
| **11480** | **163.569** | **49.856** |
| **11481** | **155.372** | **47.357** |
| **11482** | **147.549** | **44.973** |
| **11483** | **142.590** | **43.462** |
| **11484** | **138.649** | **42.260** |
| **11485** | **134.500** | **40.996** |
| **11486** | **130.493** | **39.774** |
| **11487** | **127.569** | **38.883** |
| **11488** | **124.492** | **37.945** |
| **11489** | **123.001** | **37.491** |
| **11490** | **119.824** | **36.522** |
| **11491** | **115.558** | **35.222** |
| **11492** | **110.442** | **33.663** |
| **11493** | **106.524** | **32.469** |
| **11494** | **101.588** | **30.964** |
| **11495** | **85.624** | **26.098** |
| **11496** | **70.960** | **21.629** |
| **11497** | **68.744** | **20.953** |
| **11498** | **66.005** | **20.118** |
| **11499** | **55.069** | **16.785** |
| **11500** | **42.433** | **12.934** |
| **11501** | **34.666** | **10.566** |
| **11502** | **30.422** | **9.273** |
| **11503 #** | **451.575** | **137.640** |
| **11504 #** | **446.856** | **136.202** |
| **11505 #** | **437.748** | **133.426** |
| **11506 #** | **440.681** | **134.320** |
| **11507** | **429.962** | **131.053** |
| **11508** | **423.917** | **129.210** |
| **11509** | **410.409** | **125.093** |
| **11510** | **387.493** | **118.108** |
| **11511** | **371.088** | **113.108** |
| **11512** | **357.763** | **109.046** |
| **11513** | **322.871** | **98.411** |
| **11514** | **313.588** | **95.582** |
| **11515** | **312.646** | **95.295** |
| **11516** | **311.667** | **94.996** |
| **11517** | **296.861** | **90.483** |
| **11518** | **281.689** | **85.859** |
| **11519** | **276.659** | **84.326** |
| **11520** | **266.854** | **81.337** |
| **11521** | **245.289** | **74.764** |
| **11522** | **228.145** | **69.539** |
| **11523** | **206.932** | **63.073** |
| **11524** | **191.891** | **58.488** |
| **11525** | **176.580** | **53.822** |
| **11526** | **170.754** | **52.046** |
| **11527** | **154.785** | **47.179** |
| **11528** | **144.656** | **44.091** |
| **11529** | **142.928** | **43.565** |
| **11530** | **138.775** | **42.299** |
| **11531** | **127.480** | **38.856** |
| **11532** | **115.146** | **35.097** |
| **11533** | **103.671** | **31.599** |
| **11534** | **101.376** | **30.899** |
| **11535** | **97.282** | **29.652** |
| **11536** | **84.357** | **25.712** |
| **11537** | **68.956** | **21.018** |
| **11538** | **57.161** | **17.423** |
| **11539** | **45.082** | **13.741** |
| **11540 #** | **35.570** | **10.842** |
| **11541** | **173.381** | **52.847** |
| **11542** | **188.960** | **57.595** |
| **11543** | **204.160** | **62.228** |
| **11544** | **204.934** | **62.464** |
| **11545** | **213.526** | **65.083** |
| **11546** | **229.519** | **69.958** |
| **11547 =390** | **240.996** | **73.456** |
| **11548** | **250.684** | **76.409** |
| **11549** | **259.258** | **79.022** |
| **11550** | **266.806** | **81.323** |
| **11551** | **272.196** | **82.966** |
| **11552 =391** | **275.930** | **84.104** |
| **11553** | **279.366** | **85.151** |
| **11554** | **285.643** | **87.064** |
| **11555** | **287.880** | **87.746** |
| **11556** | **288.022** | **87.789** |
| **11557** | **292.614** | **89.189** |
| **11558** | **296.677** | **90.427** |
| **11559** | **299.842** | **91.392** |
| **11560** | **303.751** | **92.583** |
| **11561** | **310.964** | **94.782** |
| **11562** | **314.814** | **95.955** |
| **11563** | **317.060** | **96.640** |
| **11564** | **318.278** | **97.011** |
| **11565** | **318.654** | **97.126** |
| **11566** | **300.558** | **91.610** |
| **11567** | **303.669** | **92.558** |
| **11568** | **307.049** | **93.589** |
| **11569** | **316.611** | **96.503** |
| **11570** | **364.819** | **111.197** |
| **11571** | **385.638** | **117.543** |
| **11572** | **416.113** | **126.831** |
| **11573** | **424.993** | **129.538** |
| **11574** | **419.327** | **127.811** |
| **11575** | **415.102** | **126.523** |
| **11576** | **440.208** | **134.176** |
| **11577** | **445.895** | **135.909** |
| **11578** | **471.136** | **143.603** |
| **11579** | **435.651** | **132.787** |
| **11580** | **417.830** | **127.355** |
| **11581** | **401.536** | **122.388** |
| **11582** | **372.545** | **113.552** |
| **11583** | **381.825** | **116.380** |
| **11584** | **375.744** | **114.527** |
| **11585** | **364.109** | **110.981** |
| **11586** | **377.888** | **115.180** |
| **11587** | **370.505** | **112.930** |
| **11588** | **387.910** | **118.235** |
| **11589** | **361.411** | **110.158** |
| **11590** | **396.197** | **120.761** |
| **11591** | **420.332** | **128.117** |
| **11592** | **441.518** | **134.575** |
| **11593** | **455.964** | **138.978** |
| **11594** | **475.180** | **144.835** |
| **11595** | **484.091** | **147.551** |
| **11596** | **481.725** | **146.830** |
| **11597** | **464.628** | **141.619** |
| **11598** | **444.732** | **135.555** |
| **11599** | **429.171** | **130.812** |
| **11600** | **408.176** | **124.412** |
| **11601** | **400.723** | **122.141** |
| **11602** | **412.087** | **125.604** |
| **11603** | **480.218** | **146.371** |
| **11604** | **501.404** | **152.828** |
| **11605** | **576.406** | **175.689** |
| **11606** | **619.096** | **188.701** |
| **11607** | **685.417** | **208.916** |
| **11608** | **700.315** | **213.456** |
| **11609** | **674.723** | **205.656** |
| **11610** | **629.271** | **191.802** |
| **11611** | **594.590** | **181.231** |
| **11612** | **548.934** | **167.315** |
| **11613** | **477.835** | **145.644** |
| **11614** | **464.276** | **141.512** |
| **11615** | **429.783** | **130.998** |
| **11616** | **428.112** | **130.489** |
| **11617** | **446.504** | **136.095** |
| **11618** | **451.629** | **137.657** |
| **11619** | **430.505** | **131.218** |
| **11620** | **469.073** | **142.974** |
| **11621** | **490.555** | **149.521** |
| **11622** | **498.323** | **151.889** |
| **11623** | **514.870** | **156.933** |
| **11624** | **530.475** | **161.689** |
| **11625** | **550.575** | **167.816** |
| **11626** | **584.770** | **178.238** |
| **11627** | **587.931** | **179.202** |
| **11628** | **555.645** | **169.361** |
| **11629** | **593.990** | **181.049** |
| **11630** | **603.141** | **183.838** |
| **11631** | **624.954** | **190.486** |
| **11632** | **598.265** | **182.352** |
| **11633** | **591.319** | **180.234** |
| **11634** | **571.230** | **174.111** |
| **11635** | **533.814** | **162.707** |
| **11636** | **526.949** | **160.614** |
| **11637** | **510.868** | **155.713** |
| **11638 =369** | **484.023** | **147.531** |
| **11639** | **496.363** | **151.292** |
| **11640** | **454.071** | **138.401** |
| **11641** | **433.318** | **132.076** |
| **11642** | **402.211** | **122.594** |
| **11643** | **337.219** | **102.785** |
| **11644** | **300.036** | **91.451** |
| **11645** | **228.707** | **69.710** |
| **11646** | **231.107** | **70.442** |
| **11647** | **223.265** | **68.051** |
| **11648** | **209.216** | **63.769** |
| **11649** | **196.301** | **59.833** |
| **11650** | **185.415** | **56.515** |
| **11651 #** | **14.236** | **4.339** |
| **11652 #** | **13.496** | **4.114** |
| **11653** | **14.559** | **4.438** |
| **11654** | **22.460** | **6.846** |
| **11655** | **22.541** | **6.871** |
| **11656** | **23.475** | **7.155** |
| **11657** | **24.667** | **7.519** |
| **11658** | **23.473** | **7.155** |
| **11659** | **22.339** | **6.809** |
| **11660** | **21.458** | **6.540** |
| **11661** | **22.826** | **6.957** |
| **11662** | **27.374** | **8.344** |
| **11663** | **37.736** | **11.502** |
| **11664** | **55.808** | **17.010** |
| **11665** | **73.260** | **22.330** |
| **11666** | **76.436** | **23.298** |
| **11667** | **76.068** | **23.186** |
| **11668** | **76.304** | **23.258** |
| **11669** | **61.704** | **18.807** |
| **11670** | **46.743** | **14.247** |
| **11671** | **31.632** | **9.641** |
| **11672** | **23.071** | **7.032** |
| **11673** | **21.775** | **6.637** |
| **11674** | **20.590** | **6.276** |
| **11675** | **21.546** | **6.567** |
| **11676** | **29.356** | **8.948** |
| **11677** | **32.070** | **9.775** |
| **11678** | **47.855** | **14.586** |
| **11679** | **55.654** | **16.963** |
| **11680** | **59.916** | **18.262** |
| **11681** | **74.171** | **22.607** |
| **11682** | **88.636** | **27.016** |
| **11683 #** | **95.459** | **29.096** |
| **11684** | **125.423** | **38.229** |
| **11685** | **111.418** | **33.960** |
| **11686** | **95.124** | **28.994** |
| **11687** | **137.671** | **41.962** |
| **11688** | **172.007** | **52.428** |
| **11689** | **255.839** | **77.980** |
| **11690** | **300.158** | **91.488** |
| **11691** | **351.503** | **107.138** |
| **11692** | **324.571** | **98.929** |
| **11693** | **301.860** | **92.007** |
| **11694** | **261.939** | **79.839** |
| **11695** | **224.952** | **68.566** |
| **11696** | **197.931** | **60.329** |
| **11697** | **181.779** | **55.406** |
| **11698** | **169.715** | **51.729** |
| **11699** | **155.964** | **47.538** |
| **11700** | **151.867** | **46.289** |
| **11701** | **172.702** | **52.640** |
| **11702** | **176.720** | **53.864** |
| **11703** | **174.691** | **53.246** |
| **11704** | **172.552** | **52.594** |
| **11705** | **123.791** | **37.732** |
| **11706** | **55.766** | **16.998** |
| **11707** | **57.590** | **17.553** |
| **11708** | **60.674** | **18.493** |
| **11709** | **72.079** | **21.970** |
| **11710** | **78.474** | **23.919** |
| **11711** | **84.083** | **25.629** |
| **11712** | **84.012** | **25.607** |
| **11713** | **94.748** | **28.879** |
| **11714** | **99.273** | **30.258** |
| **11715** | **91.132** | **27.777** |
| **11716** | **87.890** | **26.789** |
| **11717** | **81.266** | **24.770** |
| **11718** | **82.798** | **25.237** |
| **11719** | **78.580** | **23.951** |
| **11720** | **86.403** | **26.336** |
| **11721** | **91.927** | **28.019** |
| **11722** | **96.550** | **29.428** |
| **11723** | **102.517** | **31.247** |
| **11724** | **106.975** | **32.606** |
| **11725** | **86.312** | **26.308** |
| **11726** | **244.428** | **74.502** |
| **11727** | **245.475** | **74.821** |
| **11728** | **260.643** | **79.444** |
| **11729** | **297.672** | **90.731** |
| **11730** | **293.739** | **89.532** |
| **11731** | **320.688** | **97.746** |
| **11732** | **380.376** | **115.939** |
| **11733** | **408.744** | **124.585** |
| **11734** | **445.043** | **135.649** |
| **11735** | **422.991** | **128.928** |
| **11736 #** | **383.648** | **116.936** |
| **11737** | **369.619** | **112.660** |
| **11738 #** | **335.488** | **102.257** |
| **11739 #** | **292.251** | **89.078** |
| **11740 #** | **255.513** | **77.881** |
| **11741 #** | **234.255** | **71.401** |
| **11742** | **211.596** | **64.495** |
| **11743 #** | **192.764** | **58.755** |
| **11744** | **179.099** | **54.589** |
| **11745** | **158.454** | **48.297** |
| **11746** | **141.496** | **43.128** |
| **11747** | **125.608** | **38.285** |
| **11748 =410** | **118.649** | **36.164** |
| **11749** | **167.713** | **51.119** |
| **11750** | **128.782** | **39.253** |
| **11751** | **118.109** | **36.000** |
| **11752 #** | **105.703** | **32.218** |
| **11753** | **100.353** | **30.588** |
| **11754 =427** | **98.836** | **30.125** |
| **11755** | **90.869** | **27.697** |
| **11756** | **78.884** | **24.044** |
| **11757** | **66.621** | **20.306** |
| **11758** | **57.946** | **17.662** |
| **11759** | **69.297** | **21.122** |
| **11760** | **69.022** | **21.038** |
| **11761** | **68.516** | **20.884** |
| **11762** | **68.682** | **20.934** |
| **11763** | **63.952** | **19.493** |
| **11764** | **52.525** | **16.010** |
| **11765** | **41.703** | **12.711** |
| **11766** | **21.407** | **6.525** |
| **11767** | **21.161** | **6.450** |
| **11768** | **21.149** | **6.446** |
| **11769** | **21.533** | **6.563** |
| **11770** | **41.501** | **12.650** |
| **11771** | **35.662** | **10.870** |
| **11772** | **26.996** | **8.228** |
| **11773** | **20.390** | **6.215** |
| **11774** | **24.820** | **7.565** |
| **11775** | **32.411** | **9.879** |
| **11776** | **44.855** | **13.672** |
| **11777** | **45.091** | **13.744** |
| **11778** | **144.866** | **44.155** |
| **11779** | **167.080** | **50.926** |
| **11780** | **209.496** | **63.855** |
| **11781** | **208.440** | **63.533** |
| **11782** | **261.157** | **79.601** |
| **11783** | **294.480** | **89.758** |
| **11784** | **13.512** | **4.118** |
| **11785** | **38.642** | **11.778** |
| **11786** | **23.292** | **7.099** |
| **11787** | **11.508** | **3.508** |
| **11788 =387** | **10.925** | **3.330** |
| **11789** | **10.895** | **3.321** |
| **11790** | **17.394** | **5.302** |
| **11791** | **13.021** | **3.969** |
| **11792** | **16.657** | **5.077** |
| **11793** | **16.405** | **5.000** |
| **11794** | **27.052** | **8.245** |
| **11795** | **41.964** | **12.791** |
| **11796** | **58.003** | **17.679** |
| **11797** | **68.557** | **20.896** |
| **11798** | **67.788** | **20.662** |
| **11799** | **76.992** | **23.467** |
| **11800** | **81.813** | **24.937** |
| **11801** | **65.541** | **19.977** |
| **11802** | **57.888** | **17.644** |
| **11803** | **61.951** | **18.883** |
| **11804** | **54.511** | **16.615** |
| **11805** | **39.602** | **12.071** |
| **11806** | **285.338** | **86.971** |
| **11807** | **286.067** | **87.193** |
| **11808** | **323.979** | **98.749** |
| **11809** | **315.005** | **96.014** |
| **11810** | **201.613** | **61.452** |
| **11811** | **201.817** | **61.514** |
| **11812** | **192.295** | **58.612** |
| **11813** | **192.279** | **58.607** |
| **11814** | **191.920** | **58.497** |
| **11815** | **181.519** | **55.327** |
| **11816** | **173.943** | **53.018** |
| **11817** | **161.567** | **49.246** |
| **11818** | **141.890** | **43.248** |
| **11819** | **129.341** | **39.423** |
| **11820** | **113.099** | **34.473** |
| **11821** | **80.867** | **24.648** |
| **11822** | **69.959** | **21.324** |
| **11823** | **61.291** | **18.682** |
| **11824** | **59.767** | **18.217** |
| **11825** | **57.940** | **17.660** |
| **11826** | **188.824** | **57.554** |
| **11827** | **207.542** | **63.259** |
| **11828** | **247.019** | **75.292** |
| **11829** | **287.044** | **87.491** |
| **11830** | **305.900** | **93.239** |
| **11831** | **249.672** | **76.100** |
| **11832** | **184.460** | **56.224** |
| **11833** | **144.495** | **44.042** |
| **11834** | **104.314** | **31.795** |
| **11835** | **62.274** | **18.981** |
| **11836** | **31.789** | **9.689** |
| **11837** | **17.058** | **5.199** |
| **11838** | **14.820** | **4.517** |
| **11839** | **13.027** | **3.971** |
| **11840** | **10.946** | **3.336** |
| **11841** | **11.383** | **3.470** |
| **11842** | **11.144** | **3.397** |
| **11843** | **11.002** | **3.353** |
| **11844** | **10.627** | **3.239** |
| **11845** | **10.408** | **3.172** |
| **11846** | **90.906** | **27.708** |
| **11847** | **102.359** | **31.199** |
| **11848** | **101.450** | **30.922** |
| **11849** | **69.097** | **21.061** |
| **11850** | **11.427** | **3.483** |
| **11851** | **17.565** | **5.354** |
| **11852** | **87.636** | **26.712** |
| **11853** | **170.488** | **51.965** |
| **11854** | **10.755** | **3.278** |
| **11855** | **11.235** | **3.424** |
| **11856** | **11.300** | **3.444** |
| **11857** | **15.986** | **4.873** |
| **11858** | **21.839** | **6.657** |
| **11859** | **31.421** | **9.577** |
| **11860** | **41.917** | **12.776** |
| **11861** | **50.353** | **15.348** |
| **11862** | **54.014** | **16.464** |
| **11863** | **61.625** | **18.783** |
| **11864** | **56.423** | **17.198** |
| **11865** | **38.667** | **11.786** |
| **13334** | **254.839** | **77.675** |
| **13335** | **255.615** | **77.912** |
| **13336** | **267.931** | **81.666** |
| **13337** | **284.109** | **86.597** |
| **13338** | **313.678** | **95.609** |
| **13339** | **250.741** | **76.426** |
| **13340** | **205.436** | **62.617** |
| **13341** | **173.233** | **52.802** |
| **13342** | **174.899** | **53.309** |
| **13343** | **176.464** | **53.786** |
| **13344** | **179.519** | **54.718** |
| **13345** | **190.373** | **58.026** |
| **13346** | **423.267** | **129.012** |
| **13351** | **352.681** | **107.497** |
| **13352** | **380.030** | **115.833** |
| **13353** | **98.338** | **29.973** |
| **13354** | **143.350** | **43.693** |
| **99999** | **194.301** | **59.223** |