



Project3
Rocfall3 Analysis Report
Created on 09/08/2025 22:01:44
Software Version: Rocfall3 1.017

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Project3

Project Summary

Project Name:

Project3

Date Created:

Created on 09/08/2025 22:01:44

Project Settings

| | |
|--|----------------------------|
| Units: | Metric (m, kg, kJ) |
| Analysis Type: | Lump Mass |
| Consider Rotational Velocity: | Yes |
| Scale Rn By Velocity: | No |
| Scale Rn By Mass: | No |
| Use Spheres v1.005 and earlier: | No |
| Frictional Dissipation Method: | Maximum energy dissipation |
| Couple normal and tangential impulses: | Yes |

Statistics

| | |
|------------------------|-----------------|
| Sampling Method: | Latin-Hypercube |
| Pseudo-random Numbers: | Pseudo |
| Use Custom Seed: | No |

Solver Options

| | |
|--------------------------------------|-------|
| Maximum Steps per Rock: | 20000 |
| Stopped Velocity Cutoff (m/seconds): | 0.1 |
| Normal Velocity Cutoff (m/seconds): | 0.1 |
| Maximum Timestep (seconds): | 0.01 |

Material Properties

| | |
|-------------------------|-----------------------|
| Hard | |
| Colour: | |
| Normal Restitution: | 0.5 (Normal, sd=0.04) |
| Tangential Restitution: | 0.9 (Normal, sd=0.04) |
| Friction Angle (°): | 30 |
| Soft | |
| Colour: | |
| Normal Restitution: | 0.3 (Normal, sd=0.04) |
| Tangential Restitution: | 0.8 (Normal, sd=0.04) |
| Friction Angle (°): | 30 |

Seeder Properties

Seeder Property 1

Colour: 

Number of Rocks: 200

Distribution: Over All Rock Groups

Translational Velocity

Translational Velocity (m/seconds): 0

Translational Velocity Orientation: Trend/Plunge

Trend (°): 0

Plunge (°): 0

Rotational Velocity

Rotational Velocity (°/seconds): 0

Rotational Velocity Orientation: Trend/Plunge

Trend (°): 0

Plunge (°): 0

Group 1

Mass (kilograms): 1000

Density (kilograms/m3): 2700

Seeder Property 2

Colour: 

Number of Rocks: 20

Distribution: Over All Rock Groups

Translational Velocity

Translational Velocity (m/seconds): 1.5 (Normal, sd=0.3)

Translational Velocity Orientation: Trend/Plunge

Trend (°): 225 (Normal, sd=5)

Plunge (°): 0

Rotational Velocity

Rotational Velocity (°/seconds): 0

Rotational Velocity Orientation: Trend/Plunge

Trend (°): 0

Plunge (°): 0

Group 1

Mass (kilograms): 1000

Density (kilograms/m3): 2700

Seeders

| | |
|---------------------------|----------------------|
| Line Seeder 1 | |
| Type: | Line |
| Assigned Property: | Seeder Property 1 |
| Elevation: | Height Above Surface |
| Height Above Surface (m): | 5 |
| Point Seeder 1 | |
| Type: | Point |
| Assigned Property: | Seeder Property 2 |
| Elevation: | On Surface |

Seeder Coordinates

Line Seeder 1

| Point | X | Y | Z |
|-------|------------|-------------|----------|
| 0: | 160067.008 | 3058765.402 | 2124.319 |
| 1: | 160065.407 | 3058767.088 | 2122.357 |
| 2: | 160064.923 | 3058767.598 | 2122.442 |
| 3: | 160063.429 | 3058769.172 | 2123.419 |
| 4: | 160061.94 | 3058770.741 | 2126.96 |
| 5: | 160061.696 | 3058770.998 | 2127.068 |
| 6: | 160060.733 | 3058772.013 | 2127.21 |
| 7: | 160059.951 | 3058772.837 | 2127.223 |
| 8: | 160058.168 | 3058774.715 | 2127.157 |
| 9: | 160056.526 | 3058776.445 | 2126.94 |
| 10: | 160055.964 | 3058777.036 | 2127.726 |
| 11: | 160054.188 | 3058778.908 | 2128.193 |
| 12: | 160053.277 | 3058779.868 | 2129.173 |
| 13: | 160052.704 | 3058780.471 | 2129.212 |
| 14: | 160051.937 | 3058781.279 | 2128.447 |
| 15: | 160048.265 | 3058785.148 | 2126.787 |
| 16: | 160047.042 | 3058786.436 | 2126.661 |
| 17: | 160045.721 | 3058787.829 | 2127.494 |
| 18: | 160045.32 | 3058788.251 | 2128.293 |
| 19: | 160040.518 | 3058793.31 | 2128.643 |
| 20: | 160038.904 | 3058795.011 | 2128.482 |
| 21: | 160038.575 | 3058795.357 | 2128.532 |
| 22: | 160035.366 | 3058798.738 | 2129.293 |
| 23: | 160033.479 | 3058800.726 | 2129.559 |
| 24: | 160032.07 | 3058802.211 | 2129.525 |
| 25: | 160030.632 | 3058803.726 | 2129.491 |
| 26: | 160028.817 | 3058805.638 | 2130.007 |
| 27: | 160027.256 | 3058807.283 | 2129.862 |
| 28: | 160022.194 | 3058812.616 | 2128.676 |
| 29: | 160021.189 | 3058813.675 | 2127.947 |
| 30: | 160021.011 | 3058813.862 | 2127.953 |
| 31: | 160020.761 | 3058814.126 | 2128.378 |
| 32: | 160017.551 | 3058817.508 | 2129.366 |
| 33: | 160017.034 | 3058818.053 | 2129.253 |
| 34: | 160015.333 | 3058819.844 | 2128.888 |
| 35: | 160010.951 | 3058824.462 | 2129.97 |
| 36: | 160010.431 | 3058825.009 | 2129.99 |
| 37: | 160010.187 | 3058825.267 | 2130.001 |
| 38: | 160009.843 | 3058825.629 | 2130.049 |
| 39: | 160007.116 | 3058828.502 | 2129.468 |
| 40: | 160005.425 | 3058830.283 | 2129.99 |
| 41: | 160002.436 | 3058833.432 | 2129.996 |
| 42: | 160001.972 | 3058833.922 | 2129.204 |
| 43: | 160001.023 | 3058834.922 | 2129.275 |
| 44: | 160000.539 | 3058835.431 | 2129.536 |

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| 45: | 159998.894 | 3058837.164 | 2129.226 |
| 46: | 159995.874 | 3058840.346 | 2129.379 |
| 47: | 159995.404 | 3058840.841 | 2129.279 |
| 48: | 159995.22 | 3058841.035 | 2129.201 |
| 49: | 159994.948 | 3058841.322 | 2129.556 |
| 50: | 159992.206 | 3058844.211 | 2130.326 |
| 51: | 159991.313 | 3058845.151 | 2130.054 |
| 52: | 159987.103 | 3058849.587 | 2130.077 |
| 53: | 159985.41 | 3058851.37 | 2129.951 |
| 54: | 159985.314 | 3058851.471 | 2129.956 |
| 55: | 159985.065 | 3058851.734 | 2129.962 |
| 56: | 159981.736 | 3058855.241 | 2129.994 |
| 57: | 159981.216 | 3058858.8 | 2129.885 |
| 58: | 159980.628 | 3058862.813 | 2129.941 |
| 59: | 159980.602 | 3058862.994 | 2129.85 |
| 60: | 159980.578 | 3058863.154 | 2129.641 |
| 61: | 159980.506 | 3058863.649 | 2129.939 |
| 62: | 159979.531 | 3058870.313 | 2129.753 |
| 63: | 159978.696 | 3058876.019 | 2129.506 |
| 64: | 159978.605 | 3058876.641 | 2129.446 |
| 65: | 159978.602 | 3058876.656 | 2129.101 |
| 66: | 159978.259 | 3058879.001 | 2129.423 |
| 67: | 159977.21 | 3058886.17 | 2129.287 |
| 68: | 159976.975 | 3058887.777 | 2129.26 |
| 69: | 159976.116 | 3058893.645 | 2129.449 |
| 70: | 159975.983 | 3058894.555 | 2129.479 |
| 71: | 159975.785 | 3058895.91 | 2129.983 |
| 72: | 159975.571 | 3058897.373 | 2129.715 |
| 73: | 159975.031 | 3058901.06 | 2129.455 |
| 74: | 159974.879 | 3058902.099 | 2128.903 |
| 75: | 159974.542 | 3058904.405 | 2129.98 |
| 76: | 159973.87 | 3058908.992 | 2130.049 |
| 77: | 159973.706 | 3058910.114 | 2129.159 |
| 78: | 159973.065 | 3058914.497 | 2128.193 |
| 79: | 159972.814 | 3058916.209 | 2128.067 |
| 80: | 159972.377 | 3058919.198 | 2126.904 |
| 81: | 159972.047 | 3058921.453 | 2128.608 |
| 82: | 159971.481 | 3058925.319 | 2129.988 |
| 83: | 159971.254 | 3058926.87 | 2130.061 |
| 84: | 159971.126 | 3058927.743 | 2130.134 |
| 85: | 159970.766 | 3058930.207 | 2129.399 |
| 86: | 159970.08 | 3058934.892 | 2129.492 |
| 87: | 159969.573 | 3058938.36 | 2128.803 |
| 88: | 159968.829 | 3058943.442 | 2130.167 |
| 89: | 159968.414 | 3058946.278 | 2130.167 |
| 90: | 159968.356 | 3058946.673 | 2130.167 |
| 91: | 159968.032 | 3058948.887 | 2130.064 |
| 92: | 159968.077 | 3058950.625 | 2129.988 |
| 93: | 159968.094 | 3058951.291 | 2129.711 |
| 94: | 159968.103 | 3058951.654 | 2129.397 |
| 95: | 159968.12 | 3058952.304 | 2129.663 |
| 96: | 159968.241 | 3058957.029 | 2128.144 |
| 97: | 159968.266 | 3058958.003 | 2128.151 |

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| 98: | 159968.334 | 3058960.657 | 2127.182 |
| 99: | 159968.364 | 3058961.837 | 2127.758 |
| 100: | 159968.598 | 3058970.974 | 2129.737 |
| 101: | 159968.653 | 3058973.088 | 2129.697 |
| 102: | 159968.861 | 3058981.223 | 2129.699 |
| 103: | 159968.889 | 3058982.309 | 2128.169 |
| 104: | 159968.921 | 3058983.546 | 2129.041 |
| 105: | 159968.971 | 3058985.494 | 2129.276 |
| 106: | 159968.988 | 3058986.168 | 2129.357 |
| 107: | 159969.105 | 3058990.731 | 2129.378 |
| 108: | 159969.143 | 3058992.198 | 2127.14 |
| 109: | 159969.168 | 3058993.171 | 2126.659 |
| 110: | 159969.195 | 3058994.233 | 2127.446 |
| 111: | 159969.332 | 3058999.59 | 2127.276 |
| 112: | 159969.424 | 3059003.161 | 2128.789 |
| 113: | 159969.537 | 3059007.579 | 2128.621 |
| 114: | 159969.623 | 3059010.919 | 2127.901 |
| 115: | 159969.644 | 3059011.763 | 2125.737 |
| 116: | 159969.699 | 3059013.88 | 2125.849 |
| 117: | 159969.817 | 3059018.502 | 2126.474 |
| 118: | 159969.873 | 3059020.674 | 2128.28 |
| 119: | 159969.921 | 3059022.564 | 2128.242 |
| 120: | 159970.032 | 3059026.868 | 2128.337 |
| 121: | 159970.182 | 3059032.743 | 2127.853 |
| 122: | 159970.252 | 3059035.475 | 2128.064 |
| 123: | 159970.316 | 3059037.965 | 2128.993 |
| 124: | 159970.956 | 3059038.713 | 2128.034 |
| 125: | 159976.053 | 3059044.672 | 2126.763 |
| 126: | 159976.117 | 3059044.748 | 2126.704 |
| 127: | 159976.9 | 3059045.663 | 2124.186 |
| 128: | 159979.747 | 3059048.992 | 2124.391 |
| 129: | 159980.383 | 3059049.735 | 2123.854 |
| 130: | 159981.184 | 3059050.672 | 2123.601 |
| 131: | 159982.65 | 3059052.385 | 2118.337 |
| 132: | 159982.781 | 3059052.539 | 2118.347 |
| 133: | 159989.69 | 3059060.617 | 2119.29 |
| 134: | 159990.052 | 3059061.041 | 2119.485 |
| 135: | 159991.642 | 3059062.9 | 2124.054 |
| 136: | 159991.863 | 3059063.158 | 2124.332 |
| 137: | 159993.521 | 3059065.097 | 2126.415 |
| 138: | 159994.581 | 3059066.336 | 2126.311 |
| 139: | 159996.218 | 3059068.25 | 2126.696 |
| 140: | 159997.963 | 3059070.291 | 2125.297 |
| 141: | 159998.669 | 3059071.115 | 2125.911 |
| 142: | 159999.719 | 3059072.344 | 2125.541 |
| 143: | 160000.189 | 3059072.894 | 2125.371 |
| 144: | 160001.36 | 3059074.262 | 2127.384 |
| 145: | 160001.89 | 3059074.881 | 2127.271 |
| 146: | 160004.481 | 3059077.911 | 2127.477 |
| 147: | 160006.311 | 3059080.052 | 2128.649 |
| 148: | 160007.607 | 3059081.566 | 2129.558 |
| 149: | 160008.27 | 3059082.341 | 2129.555 |
| 150: | 160009.707 | 3059084.021 | 2127.728 |

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| 151: | 160011.585 | 3059086.218 | 2126.402 |
| 152: | 160012.711 | 3059087.534 | 2128.917 |
| 153: | 160015.723 | 3059091.056 | 2128.096 |
| 154: | 160017.873 | 3059093.57 | 2127.705 |
| 155: | 160018.863 | 3059094.728 | 2125.732 |
| 156: | 160019.804 | 3059095.827 | 2125.934 |
| 157: | 160019.819 | 3059095.868 | 2125.965 |
| 158: | 160021.188 | 3059099.589 | 2126.61 |
| 159: | 160022.485 | 3059103.117 | 2127.318 |
| 160: | 160024.174 | 3059107.709 | 2126.765 |
| 161: | 160024.605 | 3059108.881 | 2126.502 |
| 162: | 160025.11 | 3059110.253 | 2127.204 |
| 163: | 160025.687 | 3059111.822 | 2126.877 |
| 164: | 160026.731 | 3059114.661 | 2126.391 |
| 165: | 160028.383 | 3059119.151 | 2126.156 |
| 166: | 160028.539 | 3059119.576 | 2126.05 |
| 167: | 160028.627 | 3059119.814 | 2126.09 |
| 168: | 160030.216 | 3059124.135 | 2125.957 |
| 169: | 160032.003 | 3059128.994 | 2125.807 |
| 170: | 160032.242 | 3059129.643 | 2125.938 |
| 171: | 160033.949 | 3059134.284 | 2126.349 |
| 172: | 160034.58 | 3059136 | 2126.541 |
| 173: | 160034.632 | 3059136.14 | 2126.591 |
| 174: | 160034.78 | 3059136.544 | 2127.631 |
| 175: | 160035.961 | 3059139.755 | 2128.697 |
| 176: | 160036.559 | 3059141.38 | 2128.607 |
| 177: | 160037.498 | 3059143.934 | 2126.556 |
| 178: | 160038.677 | 3059147.138 | 2126.756 |
| 179: | 160039.076 | 3059148.223 | 2126.707 |
| 180: | 160040.057 | 3059150.889 | 2127.999 |
| 181: | 160040.238 | 3059151.382 | 2127.902 |
| 182: | 160040.278 | 3059151.49 | 2128.189 |
| 183: | 160041.72 | 3059155.412 | 2128.51 |
| 184: | 160042.615 | 3059157.846 | 2129.735 |
| 185: | 160043.492 | 3059160.23 | 2129.801 |
| 186: | 160044.167 | 3059162.065 | 2128.779 |

Point Seeder 1

| Point | X | Y | Z |
|-------|--------|---------|------|
| 0: | 160366 | 3059160 | 2099 |

Summary Results

Run Properties

| Type | Max |
|--------------------------------------|---------|
| Total Kinetic Energy (kJ): | 980.271 |
| Translational Kinetic Energy (kJ): | 940.36 |
| Rotational Kinetic Energy (kJ): | 201.408 |
| Translational Kinetic Velocity (kJ): | 43.367 |
| Rotational Kinetic Velocity (kJ): | 4081.28 |

Stopping Reason

| | |
|--------------------|-----|
| Error: | 0 |
| Max Compute Steps: | 0 |
| Edge of Model: | 0 |
| Stopped: | 220 |
| Hit Barrier: | 0 |

Path Results Summary

| ID | Travel Time (s) | Events | Stopping Reason | Total Runout Distance (m) |
|-----|-----------------|--------|-----------------|---------------------------|
| 0: | 14.014 | 95 | Stopped | 175.481 |
| 1: | 11.546 | 77 | Stopped | 149.713 |
| 2: | 12.409 | 83 | Stopped | 144.988 |
| 3: | 14.032 | 93 | Stopped | 130.074 |
| 4: | 12.875 | 86 | Stopped | 148.122 |
| 5: | 13.666 | 91 | Stopped | 139.519 |
| 6: | 9.072 | 63 | Stopped | 128.151 |
| 7: | 13.245 | 91 | Stopped | 148.929 |
| 8: | 12.666 | 86 | Stopped | 150.207 |
| 9: | 13.212 | 89 | Stopped | 139.519 |
| 10: | 14.437 | 98 | Stopped | 146.664 |
| 11: | 12.786 | 90 | Stopped | 168.369 |
| 12: | 12.946 | 86 | Stopped | 135.445 |
| 13: | 12.125 | 81 | Stopped | 137.734 |
| 14: | 13.542 | 92 | Stopped | 181.545 |
| 15: | 13.456 | 90 | Stopped | 145.05 |
| 16: | 11.313 | 77 | Stopped | 145.128 |
| 17: | 13.122 | 89 | Stopped | 133.185 |
| 18: | 14.31 | 95 | Stopped | 148.122 |
| 19: | 3.17 | 24 | Stopped | 5.245 |
| 20: | 11.131 | 74 | Stopped | 143.975 |
| 21: | 15.04 | 101 | Stopped | 135.837 |
| 22: | 11.742 | 78 | Stopped | 131.985 |
| 23: | 12.935 | 88 | Stopped | 151.339 |
| 24: | 15.128 | 98 | Stopped | 161.72 |
| 25: | 13.115 | 91 | Stopped | 171.378 |
| 26: | 13.657 | 92 | Stopped | 165.059 |
| 27: | 14.375 | 97 | Stopped | 156.029 |
| 28: | 16.206 | 106 | Stopped | 164.962 |
| 29: | 13.144 | 88 | Stopped | 148.921 |
| 30: | 12.448 | 86 | Stopped | 154.328 |
| 31: | 16.347 | 112 | Stopped | 145.859 |
| 32: | 12.983 | 88 | Stopped | 146.776 |
| 33: | 15.769 | 105 | Stopped | 155.325 |
| 34: | 13.31 | 92 | Stopped | 141.861 |
| 35: | 15.546 | 104 | Stopped | 182.054 |
| 36: | 14.569 | 98 | Stopped | 145.35 |
| 37: | 14.221 | 98 | Stopped | 146.51 |
| 38: | 12.942 | 88 | Stopped | 157.015 |
| 39: | 12.25 | 82 | Stopped | 141.888 |
| 40: | 15.07 | 102 | Stopped | 145.04 |
| 41: | 11.357 | 77 | Stopped | 153.964 |
| 42: | 14.02 | 92 | Stopped | 131.046 |
| 43: | 15.062 | 100 | Stopped | 135.437 |
| 44: | 3.049 | 24 | Stopped | 5.032 |
| 45: | 14.691 | 96 | Stopped | 136.519 |

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|-----|--------|-----|---------|---------|
| 46: | 14.428 | 96 | Stopped | 146.647 |
| 47: | 13.467 | 91 | Stopped | 145.651 |
| 48: | 15.877 | 106 | Stopped | 147.462 |
| 49: | 13.303 | 90 | Stopped | 164.572 |
| 50: | 12.977 | 88 | Stopped | 151.305 |
| 51: | 13.027 | 92 | Stopped | 140.859 |
| 52: | 14.919 | 101 | Stopped | 164.944 |
| 53: | 3.25 | 24 | Stopped | 5.529 |
| 54: | 13.97 | 92 | Stopped | 152.747 |
| 55: | 13.324 | 89 | Stopped | 156.162 |
| 56: | 11.783 | 78 | Stopped | 135.024 |
| 57: | 8.933 | 60 | Stopped | 52.911 |
| 58: | 13.655 | 91 | Stopped | 150.438 |
| 59: | 13.819 | 93 | Stopped | 179.838 |
| 60: | 15.757 | 109 | Stopped | 158.106 |
| 61: | 14.083 | 94 | Stopped | 140.087 |
| 62: | 15.118 | 102 | Stopped | 151.901 |
| 63: | 13.088 | 86 | Stopped | 153.091 |
| 64: | 14.438 | 98 | Stopped | 146.711 |
| 65: | 14.455 | 97 | Stopped | 154.505 |
| 66: | 11.136 | 76 | Stopped | 156.316 |
| 67: | 15.045 | 99 | Stopped | 157.777 |
| 68: | 12.872 | 86 | Stopped | 144.676 |
| 69: | 14.638 | 98 | Stopped | 155.263 |
| 70: | 14.019 | 94 | Stopped | 145.207 |
| 71: | 15.888 | 106 | Stopped | 152.426 |
| 72: | 13.846 | 92 | Stopped | 166.082 |
| 73: | 2.941 | 22 | Stopped | 5.335 |
| 74: | 12.452 | 85 | Stopped | 164.282 |
| 75: | 18.451 | 124 | Stopped | 143.13 |
| 76: | 16.435 | 108 | Stopped | 145.963 |
| 77: | 13.418 | 89 | Stopped | 162.252 |
| 78: | 15.612 | 103 | Stopped | 189.8 |
| 79: | 3.395 | 26 | Stopped | 5.393 |
| 80: | 12.201 | 83 | Stopped | 145.532 |
| 81: | 11.842 | 79 | Stopped | 133.574 |
| 82: | 12.493 | 85 | Stopped | 150.307 |
| 83: | 11.785 | 84 | Stopped | 150.797 |
| 84: | 15.633 | 106 | Stopped | 146.495 |
| 85: | 15.269 | 108 | Stopped | 154.968 |
| 86: | 10.821 | 79 | Stopped | 141.028 |
| 87: | 13.035 | 87 | Stopped | 163.265 |
| 88: | 13.788 | 95 | Stopped | 160.009 |
| 89: | 10.711 | 74 | Stopped | 143.096 |
| 90: | 12.438 | 87 | Stopped | 151.059 |
| 91: | 12.944 | 87 | Stopped | 146.067 |
| 92: | 12.353 | 83 | Stopped | 146.461 |
| 93: | 12.015 | 80 | Stopped | 147.156 |
| 94: | 14.315 | 95 | Stopped | 147.942 |
| 95: | 15.712 | 105 | Stopped | 156.36 |
| 96: | 13.06 | 87 | Stopped | 171.018 |
| 97: | 13.042 | 86 | Stopped | 134.973 |
| 98: | 13.711 | 98 | Stopped | 162.027 |

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|------|--------|-----|---------|---------|
| 99: | 16.774 | 110 | Stopped | 155.663 |
| 100: | 11.594 | 78 | Stopped | 152.839 |
| 101: | 19.937 | 139 | Stopped | 135.516 |
| 102: | 11.966 | 78 | Stopped | 144.893 |
| 103: | 11.738 | 78 | Stopped | 142.618 |
| 104: | 14.194 | 94 | Stopped | 144.273 |
| 105: | 12.874 | 87 | Stopped | 148.274 |
| 106: | 14.548 | 95 | Stopped | 173.599 |
| 107: | 11.868 | 80 | Stopped | 140.737 |
| 108: | 12.856 | 87 | Stopped | 140.21 |
| 109: | 15.356 | 102 | Stopped | 157.884 |
| 110: | 3.175 | 25 | Stopped | 5.716 |
| 111: | 14.157 | 95 | Stopped | 153.96 |
| 112: | 15.458 | 102 | Stopped | 149.115 |
| 113: | 12.765 | 84 | Stopped | 141.806 |
| 114: | 12.011 | 81 | Stopped | 151.519 |
| 115: | 12.155 | 82 | Stopped | 136.391 |
| 116: | 11.13 | 75 | Stopped | 148.918 |
| 117: | 13.008 | 86 | Stopped | 140.757 |
| 118: | 16.638 | 111 | Stopped | 142.106 |
| 119: | 12.805 | 87 | Stopped | 145.032 |
| 120: | 12.506 | 85 | Stopped | 146.963 |
| 121: | 14.488 | 96 | Stopped | 141.686 |
| 122: | 13.04 | 88 | Stopped | 156.334 |
| 123: | 3.133 | 25 | Stopped | 5.46 |
| 124: | 12.253 | 81 | Stopped | 145.697 |
| 125: | 12.879 | 85 | Stopped | 151.379 |
| 126: | 16.26 | 110 | Stopped | 157.174 |
| 127: | 14.275 | 96 | Stopped | 161.785 |
| 128: | 11.718 | 78 | Stopped | 145.544 |
| 129: | 15.432 | 101 | Stopped | 141.245 |
| 130: | 13.879 | 94 | Stopped | 145.819 |
| 131: | 13.563 | 89 | Stopped | 167.147 |
| 132: | 12.062 | 83 | Stopped | 164.219 |
| 133: | 11.507 | 77 | Stopped | 145.541 |
| 134: | 13.757 | 93 | Stopped | 153.253 |
| 135: | 13.816 | 95 | Stopped | 165.571 |
| 136: | 15.035 | 101 | Stopped | 145.554 |
| 137: | 14.728 | 100 | Stopped | 173.077 |
| 138: | 14.465 | 103 | Stopped | 140.762 |
| 139: | 12.199 | 83 | Stopped | 152.66 |
| 140: | 13.444 | 90 | Stopped | 140.301 |
| 141: | 16.415 | 111 | Stopped | 185.146 |
| 142: | 15.021 | 103 | Stopped | 159.221 |
| 143: | 10.208 | 69 | Stopped | 148.629 |
| 144: | 16.354 | 111 | Stopped | 173.526 |
| 145: | 11.845 | 78 | Stopped | 142.5 |
| 146: | 13.026 | 87 | Stopped | 155.503 |
| 147: | 11.185 | 79 | Stopped | 147.326 |
| 148: | 12.645 | 87 | Stopped | 150.522 |
| 149: | 13.095 | 88 | Stopped | 148.39 |
| 150: | 11.67 | 78 | Stopped | 137.789 |
| 151: | 12.433 | 84 | Stopped | 154.636 |

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| 152: | 13.47 | 91 | Stopped | 150.075 |
| 153: | 3.35 | 25 | Stopped | 5.432 |
| 154: | 12.642 | 83 | Stopped | 149.538 |
| 155: | 12.547 | 87 | Stopped | 138.636 |
| 156: | 3.604 | 28 | Stopped | 5.526 |
| 157: | 13.384 | 89 | Stopped | 166.524 |
| 158: | 3.038 | 24 | Stopped | 5.034 |
| 159: | 14.041 | 94 | Stopped | 140.991 |
| 160: | 2.994 | 24 | Stopped | 5.38 |
| 161: | 11.497 | 78 | Stopped | 149.466 |
| 162: | 15.216 | 106 | Stopped | 179.301 |
| 163: | 13.915 | 94 | Stopped | 161.653 |
| 164: | 12.345 | 83 | Stopped | 132.039 |
| 165: | 13.773 | 95 | Stopped | 152.762 |
| 166: | 13.272 | 91 | Stopped | 162.378 |
| 167: | 12.914 | 86 | Stopped | 144.166 |
| 168: | 12.787 | 85 | Stopped | 149.817 |
| 169: | 13.73 | 95 | Stopped | 147.072 |
| 170: | 11.828 | 78 | Stopped | 144.771 |
| 171: | 15.835 | 105 | Stopped | 162.635 |
| 172: | 15.456 | 104 | Stopped | 182.27 |
| 173: | 14.01 | 94 | Stopped | 140.165 |
| 174: | 15.025 | 100 | Stopped | 183.166 |
| 175: | 13.311 | 96 | Stopped | 152.183 |
| 176: | 13.229 | 91 | Stopped | 153.084 |
| 177: | 11.701 | 79 | Stopped | 148.733 |
| 178: | 15.8 | 108 | Stopped | 163.178 |
| 179: | 12.121 | 80 | Stopped | 149.876 |
| 180: | 14.164 | 96 | Stopped | 165.275 |
| 181: | 13.907 | 93 | Stopped | 146.826 |
| 182: | 13.115 | 89 | Stopped | 141.171 |
| 183: | 12.371 | 83 | Stopped | 147.98 |
| 184: | 11.274 | 75 | Stopped | 148.001 |
| 185: | 13.648 | 93 | Stopped | 149.868 |
| 186: | 13.44 | 89 | Stopped | 144.56 |
| 187: | 12.103 | 82 | Stopped | 149.457 |
| 188: | 13.649 | 91 | Stopped | 138.387 |
| 189: | 13.133 | 91 | Stopped | 146.191 |
| 190: | 16.338 | 114 | Stopped | 154.591 |
| 191: | 23.462 | 158 | Stopped | 145.855 |
| 192: | 14.572 | 97 | Stopped | 149.367 |
| 193: | 17.659 | 117 | Stopped | 147.096 |
| 194: | 13.589 | 90 | Stopped | 153.711 |
| 195: | 14.96 | 98 | Stopped | 146.6 |
| 196: | 14.715 | 99 | Stopped | 165.881 |
| 197: | 11.826 | 80 | Stopped | 152.036 |
| 198: | 12.185 | 83 | Stopped | 153.152 |
| 199: | 11.983 | 80 | Stopped | 144.61 |
| 200: | 12.999 | 92 | Stopped | 70.504 |
| 201: | 10.903 | 78 | Stopped | 73.398 |
| 202: | 16.885 | 116 | Stopped | 125.829 |
| 203: | 11.762 | 85 | Stopped | 66.931 |
| 204: | 11.892 | 80 | Stopped | 123.142 |

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| 205: | 11.301 | 77 | Stopped | 71.094 |
| 206: | 11.937 | 80 | Stopped | 119.423 |
| 207: | 12.01 | 81 | Stopped | 125.056 |
| 208: | 13.196 | 90 | Stopped | 68.569 |
| 209: | 12.575 | 85 | Stopped | 70.299 |
| 210: | 11.882 | 82 | Stopped | 128.589 |
| 211: | 15.327 | 106 | Stopped | 130.817 |
| 212: | 12.773 | 87 | Stopped | 136.538 |
| 213: | 16.817 | 112 | Stopped | 129.156 |
| 214: | 19.506 | 127 | Stopped | 115.185 |
| 215: | 12.11 | 82 | Stopped | 68.633 |
| 216: | 12.902 | 88 | Stopped | 68.391 |
| 217: | 17.511 | 120 | Stopped | 130.044 |
| 218: | 12.576 | 85 | Stopped | 124.889 |
| 219: | 15.492 | 104 | Stopped | 73.134 |