



Volume of Stockpile Per 1 Deg of Arc

ased on 37 Deg. Angle of Repose & 100 lbs / Cu. Ft.

| Radius in Feet | Stockpile Height in Feet | | | | | | | | | |
|----------------|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 |
| 25' | 2.1 | | | | | | | | | |
| 30' | 2.5 | | | | | | | | | |
| 35' | 2.9 | 6.6 | | | | | | | | |
| 40' | 3.4 | 7.6 | | | | | | | | |
| 45' | 3.8 | 8.5 | | | | | | | | |
| 50' | 4.2 | 9.5 | 16.8 | | | | | | | |
| 55' | 4.6 | 10.4 | 18.5 | | | | | | | |
| 60' | 5.1 | 11.4 | 20.2 | 31.6 | | | | | | |
| 65' | 5.5 | 12.3 | 21.9 | 34.2 | | | | | | |
| 70' | 5.9 | 13.3 | 23.6 | 36.9 | | | | | | |
| 75' | 6.3 | 14.2 | 25.3 | 39.5 | 56.9 | | | | | |
| 80' | 6.7 | 15.2 | 27.0 | 42.1 | 60.7 | | | | | |
| 85' | 7.2 | 16.1 | 28.6 | 44.8 | 64.4 | 87.7 | | | | |
| 90' | 7.6 | 17.1 | 30.3 | 47.4 | 68.2 | 92.9 | | | | |
| 95' | 8.0 | 18.0 | 32.0 | 50.0 | 72.0 | 98 | | | | |
| 100' | 8.4 | 19.0 | 33.7 | 52.7 | 75.8 | 103.2 | 134.8 | | | |
| 105' | 8.8/ | 19.9 | 35.4 | 55.3 | 79.6 | 108.4 | 141.5 | | | |
| 110' | 9.3 | 20.9 | 37.1 | 57.9 | 83.4 | 113.5 | 148.3 | 187.7 | | |
| 115' | 9.7 | 21.8 | 38.8 | 60.6 | 87.2 | 118.7 | 155 | 196.2 | | |
| 120' | 10.1 | 22.7 | 40.4 | 63.2 | 91 | 123.8 | 161.8 | 204.7 | 252.7 | |
| 125' | 10.5 | 23.7 | 42.1 | 65.8 | 94.8 | 129 | 168.5 | 213.2 | 263.3 | |
| 130' | 11 | 24.5 | 43.8 | 68.4 | 98.6 | 134.2 | 175.2 | 221.8 | 273.8 | |
| 135' | 11.4 | 25.6 | 45.5 | 71.1 | 102.4 | 139.3 | 182.0 | 230.3 | 284.3 | 344.0 |
| 140' | 11.8 | 26.5 | 47.2 | 73.7 | 106.1 | 144.5 | 188.7 | 238.8 | 294.9 | 356.8 |
| 145' | 12.2 | 27.5 | 48.9 | 76.3 | 109.9 | 149.6 | 195.5 | 247.4 | 305.4 | 369.5 |
| 150' | 12.6 | 28.4 | 50.5 | 79 | 113.7 | 154.8 | 202.2 | 255.9 | 315.9 | 382.3 |