

Magic Formula:

Fire Nova Mine Base Damage: $FNM_{min} := 181$ $FNM_{max} := 271$

Anger Base Damage: $Aura_{min} := 69$ $Aura_{max} := 110$

Weapon Flat Spell Damage: $Weapon_{min} := 21$ $Weapon_{max} := 42$

FNM Spell Effectiveness: $FNM_{EFF} := 30\%$

Total Flat Spell Damage: $T_{min} := FNM_{min} + (Aura_{min} + Weapon_{min}) \cdot FNM_{EFF}$

$T_{max} := FNM_{max} + (Aura_{max} + Weapon_{max}) \cdot FNM_{EFF}$

Total %-Increased Dmg: $Inc_{dmg} := 674\%$ i

Amount of Power Charges: $n_{PC} := 6$

Increased Critical Strike Chance: $Inc_{CC} := 607\% + n_{PC} \cdot 50\% = 907\%$

Increased Critical Strike Multiplier: $Inc_{CM} := 246\%$

More Multipliers: $More := 144\% \cdot 139\% = 200.16\%$

Precalculation For Critical Strike Damage Multiplier:

FNM Base CC: $Base_{CC} := 5\%$

Controlled Destruction: $CD := -100\%$

$CC_{FNM} := Base_{CC} \cdot (1 + Inc_{CC} + CD) = 45.35\%$

Base Critical Strike Multiplier: $Base_{CM} := 150\%$

$CM_{FNM} := Base_{CM} \cdot (1 + Inc_{CM}) = 519\%$

Damage For The First Wave Including Critical Strikes:

$$DMG := \left[\begin{array}{l} T_{min} \\ T_{max} \end{array} \right] \cdot (1 + Inc_{dmg}) \cdot More \cdot (1 + CC_{FNM} \cdot (CM_{FNM} - 1)) = \left[\begin{array}{l} 9345.538 \\ 14224.987 \end{array} \right]$$

Average Damage First Wave:

$$\text{mean}(DMG) = 11785.262$$

$$\text{Tooltip With Anger and 6PC: } 11684$$

Total Damage:

$$more_{FNM} := 131\%$$

$$DMG_{Total} := DMG \cdot \sum_{i=0}^3 more_{FNM}^i = \left[\begin{array}{l} 58635.689 \\ 89250.284 \end{array} \right]$$

$$\text{mean}(DMG_{Total}) = 73942.986$$

Burning Damage:

$$DMG_{Hit} := 0.2 \cdot \left(-DMG \cdot \sum_{i=0}^2 more_{FNM}^i + DMG \cdot \sum_{i=0}^3 more_{FNM}^i \right) = \left[\begin{array}{l} 4201.924 \\ 6395.813 \end{array} \right]$$

Hitting An Enemy With 0% Base Resistance With Flammability(44%) and Penetration (50%):

$$Res := 100\% + 44\% + 50\% = 1.94$$

$$Status_{Lightning} := 150\%$$

$$DMG_{Ma} := Res \cdot (DMG_{Total}) \cdot Status_{Lightning} = \left[\begin{array}{l} 170629.854 \\ 259718.326 \end{array} \right]$$

Burning:

$$DMG \cdot \left(\sum_{i=0}^3 more_{FNM}^i - \sum_{i=0}^2 more_{FNM}^i \right) \cdot 20\% \cdot 674\% \cdot Status_{Lightning} \cdot Res = \left[\begin{array}{l} 82414.013 \\ 125443.637 \end{array} \right]$$