Moby Top Pile Volume Calculation

Landing	Pile	Width 1	Height 1	Length 1	Width 2	Height 2	Length 2	Green Tons	Volume (ft^3)
1	1	150	30	60	112.5	15	60	4429.7	177188 CF
2	1	95	20	75	71.25	10	35	1714.5	68578 CF
3	1	62	16	28	46.5	8	28	455.7	18228 CF
4	1	45	10	35	33.75	5	40	276.9	11074 CF
5	1	60	10	35	45	5	40	369.1	14766 CF
6	1	37	15	38	27.75	7.5	30	309.6	12383 CF
	2	77	20	25	57.75	10	40	821.1	32845 CF
7	1	65	12	30	48.75	6	30	383.9	15356 CF
8	1	115	22	33	86.25	11	33	1369.8	54790 CF
9	1	105	18	30	78.75	9	30	930.2	37209 CF
10	1	90	15	35	67.5	7.5	35	775.2	31008 CF
11	1	70	20	30	52.5	10	30	689.1	27563 CF
12	1	75	16	33	56.25	8	33	649.7	25988 CF
13	1	105	23	30	78.75	11.5	30	1188.6	47545 CF
14	1	60	17	30	45	8.5	30	502.0	20081 CF
15	1	75	12	35	56.25	6	30	479.9	19195 CF
16	1	70	6	25	52.5	3	25	172.3	6891 CF
17	1	65	15	30	48.75	7.5	30	479.9	19195 CF
18	1	100	18	30	75	9	30	885.9	35438 CF
19	1	80	16	25	60	8	25	525.0	21000 CF
20	1	50	6	20	37.5	3	20	98.4	3938 CF

Gross Volume	700259 CF
Gross Weight	17506 GT
Packing Ratio of .28 for ponderosa pine top piles	196072 CF

GT = 25/Truck
MBF = 5/Truck
CCF = 10/Truck

Total Volume	**1961 CCF**
Green Tons	**4902 GT**
Total Loads	**196**

Note: Volume was estimated by measuring the existing top piles at the landing. A packing ratio was applied to the gross volume measurements to account for air space within the piles. The Moby Timber Sale is similar in volume to past top pile sales. (The sale falls under the Pomeroy Project).This project contains low value ponderosa pine top piles left from the Erickson Thin Timber Sale.

District Ranger Signature