TITLE 2400 - TIMBER MANAGEMENT

CHAPTER 2430 - COMMERCIAL TIMBER SALES

Smalians formula: reduced to lowest term, this equation is $V=0.00272708\ (D^2 + d^2)XL$.

Measurements Procedure: Measure DIB at both ends. Volume reads direct from cubic foot volume table BH Supplement #87 4/80.

If the timber sale contract has products other than logs listed as cords, the total cubic feet for the period will be totalled and then divided by 72.5 to arrive at total cords. The conversion to cords will be made at the end of each reporting period, not on each individual scaled load.

BLACK HILLS NATIONAL FOREST
Cubic Foot Volume Table - Smalians Formula

Diameter Inside Bark in Inches Small End	Large End	Length in Feet 1	2	3	4	5	6	7	8	9	10
2	3	.04	.07	.11	.14	.18	.21	.25	.28	.32	.35
2	4	.05	.11	.16	.22	.27	.33	.38	.44	.49	.55
2	5	.08	.16	.24	.32	.40	.47	.55	.63	.71	.79
2	6	.11	.22	.33	.44	.55	.65	.76	.87	.98	1.09
2	7	.14	.29	.43	.58	.72	.87	1.01	1.16	1.30	1.45
2	8	.19	.37	.56	.74	.93	1.11	1.30	1.48	1.67	1.85
2	9	.23	.46	.70	.93	1.16	1.39	1.62	1.85	2.09	2.32
2	10	.28	.57	.85	1.13	1.42	1.70	1.99	2.27	2.55	2.84
3	3	.05	.10	.15	.20	.25	.29	.34	.39	.44	.49
3	4	.07	.14	.20	.27	.34	.41	.48	.55	.61	.68
3	5	.09	.19	.28	.37	.46	.56	.65	.74	.83	.93
3	6	.12	.25	.37	.49	.61	.74	.86	.98	1.10	1.23
3	7	.16	.32	.47	.63	.79	.95	1.11	1.27	1.42	1.58
3	8	.20	.40	.60	.80	1.00	1.19	1.39	1.59	1.79	1.99
3	9	.25	.49	.74	.98	1.23	1.47	1.72	1.96	2.21	2.45
3	10	.30	.59	.89	1.19	1.49	1.78	2.08	2.38	2.68	2.97
4	4	.09	.17	.26	.35	.44	.52	.61	.70	.79	.87
4	5	.11	.22	.34	.45	.56	.67	.78	.89	1.01	1.12
4	6	.14	.28	.43	.57	.71	.85	.99	1.13	1.28	1.42
4	7	.18	.35	.53	.71	.89	1.06	1.24	1.42	1.60	1.77
4	8	.22	.44	.65	.87	1.09	1.31	1.53	1.75	1.96	2.18
4	9	.26	.53	.79	1.06	1.32	1.59	1.85	2.12	2.38	2.65
4	10	.32	.63	.95	1.27	1.58	1.90	2.21	2.53	2.85	3.16
5	5	.14	.27	.41	.55	.68	.82	.95	1.09	1.23	1.36
5	6	.17	.33	.50	.67	.83	1.00	1.16	1.33	1.50	1.66
5	7	.20	.40	.61	.81	1.01	1.21	1.41	1.61	1.82	2.02
5	8	.24	.49	.73	.97	1.21	1.46	1.70	1.94	2.18	2.43
5	9	.29	.58	.87	1.16	1.45	1.73	2.02	2.31	2.60	2.89
5	10	.34	.68	1.02	1.36	1.70	2.05	2.39	2.73	3.07	3.41
6	6	.20	.39	.59	.79	.98	1.18	1.37	1.57	1.77	1.96
6	7	.23	.46	.70	.93	1.16	1.39	1.62	1.85	2.09	2.32
6	8	.27	.55	.82	1.09	1.36	1.64	1.91	2.18	2.45	2.73
6	9	.32	.64	.96	1.28	1.60	1.91	2.23	2.55	2.87	3.19
6	10	.37	.74	1.11	1.48	1.85	2.23	2.60	2.97	3.34	3.71
7	7	.27	.53	.80	1.07	1.34	1.60	1.87	2.14	2.41	2.67
7	8	.31	.62	.92	1.23	1.54	1.85	2.16	2.47	2.77	3.08
7	9	.35	.71	1.06	1.42	1.77	2.13	2.48	2.84	3.19	3.55
7	10	.41	.81	1.22	1.63	2.03	2.44	2.84	3.25	3.66	4.06
8	8	.35	.70	1.05	1.40	1.75	2.09	2.44	2.79	3.14	3.49
8	9	.40	.79	1.19	1.58	1.98	2.37	2.77	3.16	3.56	3.95
8	10	.45	.89	1.34	1.79	2.24	2.68	3.13	3.58	4.03	4.47
9	9	.44	.88	1.33	1.77	2.21	2.65	3.09	3.53	3.98	4.42
9	10	.49	.99	1.48	1.97	2.47	2.96	3.46	3.95	4.44	4.94

BLACK HILLS NATIONAL FOREST
Cubic Foot Volume Table - Smalians Formula

Diameter Inside Bark in Inches Small End	Large End	Length in Feet 11	12	13	14	15	16	17	18	19	20
2	3	.39	.43	.46	.50	.53	.57	.60	.64	.67	.71
2	4	.60	.65	.71	.76	.82	.87	.93	.98	1.04	1.09
2	5	.87	.95	1.03	1.11	1.19	1.27	1.34	1.42	1.50	1.58
2	6	1.20	1.31	1.42	1.53	1.64	1.75	1.85	1.96	2.07	2.18
2	7	1.59	1.73	1.88	2.02	2.17	2.31	2.46	2.60	2.75	2.89
2	8	2.04	2.23	2.41	2.60	2.78	2.97	3.15	3.34	3.52	3.71
2	9	2.55	2.78	3.01	3.25	3.48	3.71	3.94	4.17	4.40	4.64
2	10	3.12	3.40	3.69	3.97	4.25	4.54	4.82	5.11	5.39	5.67
3	3	.54	.59	.64	.69	.74	.79	.83	.88	.93	.98
3	4	.75	.82	.89	.95	1.02	1.09	1.16	1.23	1.30	1.36
3	5	1.02	1.11	1.21	1.30	1.39	1.48	1.58	1.67	1.76	1.85
3	6	1.35	1.47	1.60	1.72	1.84	1.96	2.09	2.21	2.33	2.45
3	7	1.74	1.90	2.06	2.21	2.37	2.53	2.69	2.85	3.01	3.16
3	8	2.19	2.39	2.59	2.79	2.99	3.19	3.38	3.58	3.78	3.98
3	9	2.70	2.95	3.19	3.44	3.68	3.93	4.17	4.42	4.66	4.91
3	10	3.27	3.57	3.86	4.16	4.46	4.76	5.05	5.35	5.65	5.95
4	4	.96	1.05	1.13	1.22	1.31	1.40	1.48	1.57	1.66	1.75
4	5	1.23	1.34	1.45	1.57	1.68	1.79	1.90	2.01	2.12	2.24
4	6	1.56	1.70	1.84	1.99	2.13	2.27	2.41	2.55	2.69	2.84
4	7	1.95	2.13	2.30	2.48	2.66	2.84	3.01	3.19	3.37	3.55
4	8	2.40	2.62	2.84	3.05	3.27	3.49	3.71	3.93	4.15	4.36
4	9	2.91	3.17	3.44	3.70	3.97	4.23	4.50	4.76	5.03	5.29
4	10	3.48	3.80	4.11	4.43	4.75	5.06	5.38	5.69	6.01	6.33
5	5	1.50	1.64	1.77	1.91	2.05	2.18	2.32	2.45	2.59	2.73
5	6	1.83	2.00	2.16	2.33	2.50	2.66	2.83	2.99	3.16	3.33
5	7	2.22	2.42	2.62	2.83	3.03	3.23	3.43	3.63	3.83	4.04
5	8	2.67	2.91	3.16	3.40	3.64	3.88	4.13	4.37	4.61	4.85
5	9	3.18	3.47	3.76	4.05	4.34	4.63	4.91	5.20	5.49	5.78
5	10	3.75	4.09	4.43	4.77	5.11	5.45	5.80	6.14	6.48	6.82
6	6	2.16	2.36	2.55	2.75	2.95	3.14	3.34	3.53	3.73	3.93
6	7	2.55	2.78	3.01	3.25	3.48	3.71	3.94	4.17	4.40	4.64
6	8	3.00	3.27	3.55	3.82	4.09	4.36	4.64	4.91	5.18	5.45
6	9	3.51	3.83	4.15	4.47	4.79	5.11	5.42	5.74	6.06	6.38
6	10	4.08	4.45	4.82	5.19	5.56	5.93	6.31	6.68	7.05	7.42
7	7	2.94	3.21	3.47	3.74	4.01	4.28	4.54	4.81	5.08	5.35
7	8	3.39	3.70	4.01	4.31	4.62	4.93	5.24	5.55	5.86	6.16
7	9	3.90	4.25	4.61	4.96	5.32	5.67	6.03	6.38	6.74	7.09
7	10	4.47	4.88	5.28	5.69	6.10	6.50	6.91	7.31	7.72	8.13
8	8	3.84	4.19	4.54	4.89	5.24	5.59	5.93	6.28	6.63	6.98
8	9	4.35	4.75	5.14	5.54	5.93	6.33	6.72	7.12	7.51	7.91
8	10	4.92	5.37	5.81	6.26	6.71	7.16	7.60	8.05	8.50	8.94
9	9	4.86	5.30	5.74	6.19	6.63	7.07	7.51	7.95	8.39	8.84
9	10	5.43	5.92	6.42	6.91	7.40	7.90	8.39	8.88	9.38	9.87

BLACK HILLS NATIONAL FOREST
Cubic Foot Volume Table - Smalians Formula

Diameter Inside Bark in Inches Small End	Large End	Length in Feet 21	22	23	24	25	26	27	28	29	30
2	3	.74	.78	.82	.85	.89	.92	.96	.99	1.03	1.06
2	4	1.15	1.20	1.25	1.31	1.36	1.42	1.47	1.53	1.58	1.64
2	5	1.66	1.74	1.82	1.90	1.98	2.06	2.14	2.21	2.29	2.37
2	6	2.29	2.40	2.51	2.62	2.73	2.84	2.95	3.05	3.16	3.27
2	7	3.04	3.18	3.32	3.47	3.61	3.76	3.90	4.05	4.19	4.34
2	8	3.89	4.08	4.27	4.45	4.64	4.82	5.01	5.19	5.38	5.56
2	9	4.87	5.10	5.33	5.56	5.80	6.03	6.26	6.49	6.72	6.95
2	10	5.96	6.24	6.52	6.81	7.09	7.37	7.66	7.94	8.22	8.51
3	3	1.03	1.08	1.13	1.18	1.23	1.28	1.33	1.37	1.42	1.47
3	4	1.43	1.50	1.57	1.64	1.70	1.77	1.84	1.91	1.98	2.05
3	5	1.95	2.04	2.13	2.23	2.32	2.41	2.50	2.60	2.69	2.78
3	6	2.58	2.70	2.82	2.95	3.07	3.19	3.31	3.44	3.56	3.68
3	7	3.32	3.48	3.64	3.80	3.95	4.11	4.27	4.43	4.59	4.75
3	8	4.18	4.38	4.58	4.78	4.98	5.18	5.38	5.57	5.77	5.97
3	9	5.15	5.40	5.65	5.89	6.14	6.38	6.63	6.87	7.12	7.36
3	10	6.24	6.54	6.84	7.13	7.43	7.73	8.03	8.32	8.62	8.92
4	4	1.83	1.92	2.01	2.09	2.18	2.27	2.36	2.44	2.53	2.62
4	5	2.35	2.46	2.57	2.68	2.80	2.91	3.02	3.13	3.24	3.35
4	6	2.98	3.12	3.26	3.40	3.55	3.69	3.83	3.97	4.11	4.25
4	7	3.72	3.90	4.08	4.25	4.43	4.61	4.79	4.96	5.14	5.32
4	8	4.58	4.80	5.02	5.24	5.45	5.67	5.89	6.11	6.33	6.55
4	9	5.56	5.82	6.08	6.35	6.61	6.88	7.14	7.41	7.67	7.94
4	10	6.64	6.96	7.28	7.59	7.91	8.22	8.54	8.86	9.17	9.49
5	5	2.86	3.00	3.14	3.27	3.41	3.55	3.68	3.82	3.95	4.09
5	6	3.49	3.66	3.83	3.99	4.16	4.33	4.49	4.66	4.82	4.99
5	7	4.24	4.44	4.64	4.84	5.05	5.25	5.45	5.65	5.85	6.05
5	8	5.10	5.34	5.58	5.83	6.07	6.31	6.55	6.80	7.04	7.28
5	9	6.07	6.36	6.65	6.94	7.23	7.52	7.80	8.09	8.38	8.67
5	10	7.16	7.50	7.84	8.18	8.52	8.86	9.20	9.54	9.89	10.23
6	6	4.12	4.32	4.52	4.71	4.91	5.11	5.30	5.50	5.69	5.89
6	7	4.87	5.10	5.33	5.56	5.80	6.03	6.26	6.49	6.72	6.95
6	8	5.73	6.00	6.27	6.55	6.82	7.09	7.36	7.64	7.91	8.18
6	9	6.70	7.02	7.34	7.66	7.98	8.30	8.61	8.93	9.25	9.57
6	10	7.79	8.16	8.53	8.90	9.27	9.64	10.01	10.38	10.76	11.13
7	7	5.61	5.88	6.15	6.41	6.68	6.95	7.22	7.48	7.75	8.02
7	8	6.47	6.78	7.09	7.40	7.70	8.01	8.32	8.63	8.94	9.24
7	9	7.44	7.80	8.15	8.51	8.86	9.22	9.57	9.93	10.28	10.64
7	10	8.53	8.94	9.35	9.75	10.16	10.56	10.97	11.38	11.78	12.19
8	8	7.33	7.68	8.03	8.38	8.73	9.08	9.42	9.77	10.12	10.47
8	9	8.30	8.70	9.09	9.49	9.89	10.28	10.68	11.07	11.47	11.86
8	10	9.39	9.84	10.29	10.73	11.18	11.63	12.08	12.52	12.97	13.42
9	9	9.28	9.72	10.16	10.60	11.04	11.49	11.93	12.37	12.81	13.25
9	10	10.37	10.86	11.35	11.85	12.34	12.83	13.33	13.82	14.31	14.81

BLACK HILLS NATIONAL FOREST
Cubic Foot Volume Table - Smalians Formula

Diameter Inside Bark in Inches Small End	Large End	Length in Feet 31	32	33	34	35	36	37	38	39	40
2	3	1.10	1.13	1.17	1.21	1.24	1.28	1.31	1.35	1.38	1.42
2	4	1.69	1.75	1.80	1.85	1.91	1.96	2.02	2.07	2.13	2.18
2	5	2.45	2.53	2.61	2.69	2.77	2.85	2.93	3.01	3.08	3.16
2	6	3.38	3.49	3.60	3.71	3.82	3.93	4.04	4.15	4.25	4.36
2	7	4.48	4.63	4.77	4.91	5.06	5.20	5.35	5.49	5.64	5.78
2	8	5.75	5.93	6.12	6.31	6.49	6.68	6.86	7.05	7.23	7.42
2	9	7.19	7.42	7.65	7.88	8.11	8.34	8.58	8.81	9.04	9.27
2	10	8.79	9.08	9.36	9.64	9.93	10.21	10.49	10.78	11.06	11.34
3	3	1.52	1.57	1.62	1.67	1.72	1.77	1.82	1.87	1.91	1.96
3	4	2.11	2.18	2.25	2.32	2.39	2.45	2.52	2.59	2.66	2.73
3	5	2.87	2.97	3.06	3.15	3.25	3.34	3.43	3.52	3.62	3.71
3	6	3.80	3.93	4.05	4.17	4.30	4.42	4.54	4.66	4.79	4.91
3	7	4.90	5.06	5.22	5.38	5.54	5.69	5.85	6.01	6.17	6.33
3	8	6.17	6.37	6.57	6.77	6.97	7.17	7.37	7.56	7.76	7.96
3	9	7.61	7.85	8.10	8.34	8.59	8.84	9.08	9.33	9.57	9.82
3	10	9.21	9.51	9.81	10.11	10.40	10.70	11.00	11.30	11.59	11.89
4	4	2.71	2.79	2.88	2.97	3.05	3.14	3.23	3.32	3.40	3.49
4	5	3.47	3.58	3.69	3.80	3.91	4.03	4.14	4.25	4.36	4.47
4	6	4.40	4.54	4.68	4.82	4.96	5.11	5.25	5.39	5.53	5.67
4	7	5.50	5.67	5.85	6.03	6.20	6.38	6.56	6.74	6.91	7.09
4	8	6.76	6.98	7.20	7.42	7.64	7.85	8.07	8.29	8.51	8.73
4	9	8.20	8.46	8.73	8.99	9.26	9.52	9.79	10.05	10.32	10.58
4	10	9.81	10.12	10.44	10.76	11.07	11.39	11.70	12.02	12.34	12.65
5	5	4.23	4.36	4.50	4.64	4.77	4.91	5.05	5.18	5.32	5.45
5	6	5.16	5.32	5.49	5.66	5.82	5.99	6.16	6.32	6.49	6.65
5	7	6.26	6.46	6.66	6.86	7.06	7.26	7.47	7.67	7.87	8.07
5	8	7.52	7.77	8.01	8.25	8.49	8.74	8.98	9.22	9.47	9.71
5	9	8.96	9.25	9.54	9.83	10.12	10.41	10.70	10.98	11.27	11.56
5	10	10.57	10.91	11.25	11.59	11.93	12.27	12.61	12.95	13.29	13.64
6	6	6.09	6.28	6.48	6.68	6.87	7.07	7.26	7.46	7.66	7.85
6	7	7.19	7.42	7.65	7.88	8.11	8.34	8.58	8.81	9.04	9.27
6	8	8.45	8.73	9.00	9.27	9.54	9.82	10.09	10.36	10.64	10.91
6	9	9.89	10.21	10.53	10.85	11.17	11.49	11.81	12.12	12.44	12.76
6	10	11.50	11.87	12.24	12.61	12.98	13.35	13.72	14.09	14.46	14.84
7	7	8.28	8.55	8.82	9.09	9.35	9.62	9.89	10.16	10.42	10.69
7	8	9.55	9.86	10.17	10.48	10.79	11.09	11.40	11.71	12.02	12.33
7	9	10.99	11.34	11.70	12.05	12.41	12.76	13.12	13.47	13.83	14.18
7	10	12.60	13.00	13.41	13.82	14.22	14.63	15.03	15.44	15.85	16.25
8	8	10.82	11.17	11.52	11.87	12.22	12.57	12.92	13.26	13.61	13.96
8	9	12.26	12.65	13.05	13.44	13.84	14.24	14.63	15.03	15.42	15.82
8	10	13.86	14.31	14.76	15.21	15.65	16.10	16.55	17.00	17.44	17.89
9	9	13.70	14.14	14.58	15.02	15.46	15.90	16.35	16.79	17.23	17.67
9	10	15.30	15.80	16.29	16.78	17.28	17.77	18.26	18.76	19.25	19.74

BLACK HILLS NATIONAL FOREST
Cubic Foot Volume Table - Smalians Formula

Diameter Inside Bar in Inches Small End	Large End	Length in Feet 41	42	43	44	45	46	47	48	49	50
2	3	1.45	1.49	1.52	1.56	1.60	1.63	1.67	1.70	1.74	1.77
2	4	2.24	2.29	2.35	2.40	2.45	2.51	2.56	2.62	2.67	2.73
2	5	3.24	3.32	3.40	3.48	3.56	3.64	3.72	3.80	3.88	3.95
2	6	4.47	4.58	4.69	4.80	4.91	5.02	5.13	5.24	5.35	5.45
2	7	5.93	6.07	6.22	6.36	6.50	6.65	6.79	6.94	7.08	7.23
2	8	7.60	7.79	7.97	8.16	8.34	8.53	8.72	8.90	9.09	9.27
2	9	9.50	9.74	9.97	10.20	10.43	10.66	10.89	11.13	11.36	11.59
2	10	11.63	11.91	12.20	12.48	12.76	13.05	13.33	13.61	13.90	14.18
3	3	2.01	2.06	2.11	2.16	2.21	2.26	2.31	2.36	2.41	2.45
3	4	2.80	2.86	2.93	3.00	3.07	3.14	3.20	3.27	3.34	3.41
3	5	3.80	3.89	3.99	4.08	4.17	4.27	4.36	4.45	4.54	4.64
3	6	5.03	5.15	5.28	5.40	5.52	5.65	5.77	5.89	6.01	6.14
3	7	6.49	6.64	6.80	6.96	7.12	7.28	7.43	7.59	7.75	7.91
3	8	8.16	8.36	8.56	8.76	8.96	9.16	9.36	9.56	9.75	9.95
3	9	10.06	10.31	10.55	10.80	11.04	11.29	11.54	11.78	12.03	12.27
3	10	12.19	12.48	12.78	13.08	13.38	13.67	13.97	14.27	14.57	14.86
4	4	3.58	3.67	3.75	3.84	3.93	4.01	4.10	4.19	4.28	4.36
4	5	4.58	4.70	4.81	4.92	5.03	5.14	5.26	5.37	5.48	5.59
4	6	5.81	5.96	6.10	6.24	6.38	6.52	6.67	6.81	6.95	7.09
4	7	7.27	7.44	7.62	7.80	7.98	8.15	8.33	8.51	8.69	8.86
4	8	8.94	9.16	9.38	9.60	9.82	10.04	10.25	10.47	10.69	10.91
4	9	10.85	11.11	11.37	11.64	11.90	12.17	12.43	12.70	12.96	13.23
4	10	12.97	13.29	13.60	13.92	14.24	14.55	14.87	15.18	15.50	15.82
5	5	5.59	5.73	5.86	6.00	6.14	6.27	6.41	6.55	6.68	6.82
5	6	6.82	6.99	7.15	7.32	7.49	7.65	7.82	7.98	8.15	8.32
5	7	8.27	8.48	8.68	8.88	9.08	9.28	9.48	9.69	9.89	10.09
5	8	9.95	10.19	10.44	10.68	10.92	11.16	11.41	11.65	11.89	12.14
5	9	11.85	12.14	12.43	12.72	13.01	13.30	13.59	13.88	14.16	14.45
5	10	13.98	14.32	14.66	15.00	15.34	15.68	16.02	16.36	16.70	17.04
6	6	8.05	8.25	8.44	8.64	8.84	9.03	9.23	9.42	9.62	9.82
6	7	9.50	9.74	9.97	10.20	10.43	10.66	10.89	11.13	11.36	11.59
6	8	11.18	11.45	11.73	12.00	12.27	12.54	12.82	13.09	13.36	13.64
6	9	13.08	13.40	13.72	14.04	14.36	14.68	15.00	15.32	15.63	15.95
6	10	15.21	15.58	15.95	16.32	16.69	17.06	17.43	17.80	18.17	18.54
7	7	10.96	11.22	11.49	11.76	12.03	12.29	12.56	12.83	13.10	13.36
7	8	12.63	12.94	13.25	13.56	13.87	14.18	14.48	14.79	15.10	15.41
7	9	14.54	14.89	15.24	15.60	15.95	16.31	16.66	17.02	17.37	17.73
7	10	16.66	17.07	17.47	17.88	18.29	18.69	19.10	19.50	19.91	20.32
8	8	14.31	14.66	15.01	15.36	15.71	16.06	16.41	16.76	17.10	17.45
8	9	16.21	16.61	17.00	17.40	17.79	18.19	18.59	18.98	19.38	19.77
8	10	18.34	18.78	19.23	19.68	20.13	20.57	21.02	21.47	21.91	22.36
9	9	18.11	18.56	19.00	19.44	19.88	20.32	20.76	21.21	21.65	22.09
9	10	20.24	20.73	21.22	21.72	22.21	22.71	23.20	23.69	24.19	24.68

BLACK HILLS NATIONAL FOREST
Cubic Foot Volume Table - Smalians Formula

Diameter Inside Bark in Inches Small End	Large End	Length in Feet 51	52	53	54	55	56	57	58	59	60
2	3	1.81	1.84	1.88	1.91	1.95	1.99	2.02	2.06	2.09	2.13
2	4	2.78	2.84	2.89	2.95	3.00	3.05	3.11	3.16	3.22	3.27
2	5	4.03	4.11	4.19	4.27	4.35	4.43	4.51	4.59	4.67	4.75
2	6	5.56	5.67	5.78	5.89	6.00	6.11	6.22	6.33	6.44	6.55
2	7	7.37	7.52	7.66	7.80	7.95	8.09	8.24	8.38	8.53	8.67
2	8	9.46	9.64	9.83	10.01	10.20	10.38	10.57	10.76	10.94	11.13
2	9	11.82	12.05	12.29	12.52	12.75	12.98	13.21	13.44	13.68	13.91
2	10	14.46	14.75	15.03	15.32	15.60	15.88	16.17	16.45	16.73	17.02
3	3	2.50	2.55	2.60	2.65	2.70	2.75	2.80	2.85	2.90	2.95
3	4	3.48	3.55	3.61	3.68	3.75	3.82	3.89	3.95	4.02	4.09
3	5	4.73	4.82	4.91	5.01	5.10	5.19	5.29	5.38	5.47	5.56
3	6	6.26	6.38	6.50	6.63	6.75	6.87	7.00	7.12	7.24	7.36
3	7	8.07	8.22	8.38	8.54	8.70	8.86	9.02	9.17	9.33	9.49
3	8	10.15	10.35	10.55	10.75	10.95	11.15	11.35	11.55	11.75	11.94
3	9	12.52	12.76	13.01	13.25	13.50	13.74	13.99	14.24	14.48	14.73
3	10	15.16	15.46	15.75	16.05	16.35	16.65	16.94	17.24	17.54	17.84
4	4	4.45	4.54	4.63	4.71	4.80	4.89	4.97	5.06	5.15	5.24
4	5	5.70	5.81	5.93	6.04	6.15	6.26	6.37	6.49	6.60	6.71
4	6	7.23	7.37	7.52	7.66	7.80	7.94	8.08	8.22	8.37	8.51
4	7	9.04	9.22	9.39	9.57	9.75	9.93	10.10	10.28	10.46	10.64
4	8	11.13	11.34	11.56	11.78	12.00	12.22	12.44	12.65	12.87	13.09
4	9	13.49	13.76	14.02	14.28	15.55	14.81	15.08	15.34	15.61	15.87
4	10	16.13	16.45	16.77	17.08	17.40	17.72	18.03	18.35	18.66	18.98
5	5	6.95	7.09	7.23	7.36	7.50	7.64	7.77	7.91	8.04	8.18
5	6	8.48	8.65	8.82	8.98	9.15	9.32	9.48	9.65	9.81	9.98
5	7	10.29	10.49	10.70	10.90	11.10	11.30	11.50	11.70	11.91	12.11
5	8	12.38	12.62	12.86	13.11	13.35	13.59	13.83	14.08	14.32	14.56
5	9	14.74	15.03	15.32	15.61	15.90	16.19	16.48	16.77	17.06	17.34
5	10	17.39	17.73	18.07	18.41	18.75	19.09	19.43	19.77	20.11	20.45
6	6	10.01	10.21	10.41	10.60	10.80	11.00	11.19	11.39	11.58	11.78
6	7	11.82	12.05	12.29	12.52	12.75	12.98	13.21	13.44	13.68	13.91
6	8	13.91	14.18	14.45	14.73	15.00	15.27	15.54	15.82	16.09	16.36
6	9	16.27	16.59	16.91	17.23	17.55	17.87	18.19	18.51	18.83	19.14
6	10	18.92	19.29	19.66	20.03	20.40	20.77	21.14	21.51	21.88	22.25
7	7	13.63	13.90	14.16	14.43	14.70	14.97	15.23	15.50	15.77	16.04
7	8	15.72	16.02	16.33	16.64	16.95	17.26	17.57	17.87	18.18	18.49
7	9	18.08	18.44	18.79	19.14	19.50	19.85	20.21	20.56	20.92	21.27
7	10	20.72	21.13	21.54	21.94	22.35	22.75	23.16	23.57	23.97	24.38
8	8	17.80	18.15	18.50	18.85	19.20	19.55	19.90	20.25	20.59	20.94
8	9	20.17	20.56	20.96	21.35	21.75	22.14	22.54	22.93	23.33	23.73
8	10	22.81	23.26	23.70	24.15	24.60	25.05	25.49	25.94	26.39	26.83
9	9	22.53	22.97	23.41	23.86	24.30	24.74	25.18	25.62	26.07	26.51
9	10	25.17	25.67	26.16	26.65	27.15	27.64	28.14	28.63	29.12	29.62

2431.23--8 - Sale Volume Determination

All cruises for sale volume determination initiated after July 1, 1978, will use the 3P program to calculate volume. This policy will apply to any sale over $2,000 in value. The Forest Supervisor may approve other methods of volume determination on a case-by-case basis when requested.