

CST REPORT NO 118

DENDLES-WOOD. TOTAL STEM NUMBERS AND CONVENTIONAL VOLUME PER HECTARE. 1976. Tables. [Contract Title: Development of tree enumeration techniques; Contractor: ITE (D.K. Lindley); NCC Research Contract:]
Key-Words: DENDLES-WOOD; TREES

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STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DENILES WOOD

SITE ... 1A

DATE ... 12 / 60

AREA 1.44 HA.

DIA.
CLASS
(CMS.)

SPECIES

TOTALS

NO. VOL. (SV.)

10	91.66667	4.3575
15	84.72222	11.49325
20	63.88889	17.23339
25	46.52778	21.05239
30	38.88889	26.68517
35	31.25	31.75062
40	27.77778	39.69
45	21.52778	40.85197
50	22.22222	53.74973
55	15.27778	45.65779
60	24.30556	87.57997
65	14.58333	62.11693
70	10.41667	51.59677
75	2.777778	15.78114
80	3.472222	22.35948
85	1.388889	10.03419
90	2.053333	16.735
95	.6944444	6.153097
100	.6944444	6.738333
105	.6944444	7.333007
110	.6944444	7.93309
115	-	-
120	-	-
125	-	-
130	-	-
TOTALS	505.5556	596.8668

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... BENDLES WOOD

SITE ... 3A

DATE ... 1 / 67

AREA .02 HA.

DIA. CLASS (CMS.)	SPECIES	
	TOTALS	
	NO.	VOL. (SV.)
10	33.69565	1.599196
15	29.34783	3.977334
20	22.82639	6.157109
25	15.21739	6.885565
30	8.695652	5.96687
35	9.782639	9.939326
40	8.695652	12.4247
45	8.695652	16.53122
50	5.434783	13.14533
55	4.347826	12.99352
60	2.173913	7.833239
65	2.173913	9.259652
70	3.26037	16.15203
75	5.434783	30.87614
80	4.347826	27.99796
85	5.434783	39.26424
90	3.26037	26.19391
95	1.086957	9.630935
100	1.086957	10.54774
105	4.347826	45.911
110	1.086957	12.41701
115	1.086957	13.36155
120	2.173913	28.61478
125	1.086957	15.25058
130	-	-
TOTALS	184.7826	382.9214

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DENDLES WOOD

SITE ...2B

DATE ... 1 / 67

AREA .51 HA.

DIA.
CLASS
(CMS.)

SPECIES

TOTALS

NO. VOL. (CV.)

10	52.94118	2.512588
15	49.01961	6.644118
20	37.2549	10.04914
25	7.843137	3.548863
30	7.843137	5.381882
35	13.72549	13.94537
40	17.64706	25.21482
45	7.843137	14.88345
50	9.803922	23.71314
55	7.843137	23.43929
60	9.803922	35.32637
65	9.803922	41.75922
70	1.960784	9.712333
75	1.960784	11.13963
80	3.921569	25.25306
85	9.803922	70.82961
90	-	-
95	1.960784	17.37345
100	1.960784	19.02729
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
TOTALS	252.9412	359.7536

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DENDLES WOOD
 SITE ... 2C
 DATE ... 1 / 67

AREA 1.3 HA.

DIA.
 CLASS
 (CMS.)

TOTALS

SPECIES

	NO.	VOL. (SV.)
10	42.37769	2.007923
15	26.92308	3.649154
20	21.53846	5.809785
25	15.92338	7.657354
30	15.38462	10.55677
35	10	10.1602
40	13.07692	18.68483
45	4.615385	8.758338
50	7.692308	18.60569
55	7.692308	22.98854
60	6.153846	22.17409
65	3.076923	13.10597
70	-	-
75	1.538462	8.740323
80	.7692308	4.953485
85	4.615385	33.3444
90	2.307692	18.53723
95	1.538462	13.63143
100	-	-
105	-	-
110	1.538462	17.57485
115	-	-
120	-	-
125	-	-
130	.7692308	11.45552
TOTALS	188.4615	252.3959

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DENDLES WOOD
 SITE ... 3A
 DATE ... 1 / 68

AREA 1.01 HA.

DIA. SPECIES
 CLASS
 (CMS.) TOTALS

	NO.	VOL. (SV.)
10	32.67327	1.550673
15	36.63366	4.965327
20	30.69307	8.279149
25	37.62376	17.024
30	37.62376	25.81705
35	56.43564	57.33974
40	48.51485	69.31996
45	37.62376	71.39636
50	25.74257	62.26459
55	13.86139	41.42489
60	8.910891	32.10853
65	6.930693	29.52007
70	1.980198	9.808495
75	1.980198	11.24992
80	.990099	6.375772
85	.990099	7.153089
90	.990099	7.953267
95	-	-
100	.990099	9.607842
105	-	-
110	-	-
115	-	-
120	-	-
125	.990099	13.89161
130	-	-

TOTALS	382.1782	487.0511

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DEVDLES WOOD

SITE ... 3B

DATE ... 11 / 68

AREA 1.34 HA.

DIA. CLASS (CMS.) SPECIES TOTALS

	NO.	VOL. (CV.)
10	27.61194	1.310463
15	11.9403	1.618388
20	23.8806	6.441552
25	17.16418	7.766448
30	25.37313	17.41879
35	29.18443	29.57073
40	25.37313	36.25415
45	23.8806	45.31678
50	14.92537	36.1006
55	11.9403	35.6837
60	10.44776	37.64631
65	8.208955	34.96555
70	7.462687	3.696485
75	1.492537	8.479418
80	-	-
85	7.462687	5.391507
90	-	-
95	-	-
100	-	-
105	7.462687	7.880246
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
TOTALS	233.5921	315.5331

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DUNDLES WOOD
 SITE ... 3C
 DATE ... 11 / 68

AREA .65 HA.

DIA.
 CLASS
 (CMS.)

SPECIES

TOTALS

	NO.	VOL. (SV.)
10	35.38462	1.679354
15	38.46154	5.213077
20	41.53846	11.20458
25	35.38462	16.01083
30	32.30769	22.16922
35	18.46154	18.75729
40	12.30769	17.58572
45	9.230769	17.51668
50	10.76923	26.04797
55	7.692308	22.98854
60	6.153846	22.17409
65	3.076923	13.10597
70	1.538462	7.620446
75	1.538462	8.740323
80	3.076923	19.81394
85	4.615385	33.3444
90	-	-
95	-	-
100	1.538462	14.92911
105	-	-
110	1.538462	17.57485
115	-	-
120	-	-
125	-	-
130	-	-

TOTALS	264.6154	296.4764

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... BENDLES WOOD
 SITE ... 4A
 DATE ... 11 / 68

AREA 2.25 HA.

DIA. CLASS (CMS.) SPECIES

TOTALS

NO. VOL. (SV.)

10	28	1.32888
15	28	3.79512
20	21.77778	5.874333
25	22.22222	13.05511
30	29.77778	20.43321
35	18.22222	18.51414
40	14.66667	20.95632
45	15.11111	28.67545
50	16.88889	40.84983
55	16.44444	49.14439
60	11.11111	40.03656
65	5	34.07552
70	6.66667	33.02193
75	2.22222	12.62491
80	2.22222	14.31007
85	-	-
90	.8888889	7.140267
95	.8888889	7.875964
100	-	-
105	.4444444	4.693124
110	.4444444	5.077178
115	.4444444	5.463391
120	-	-
125	-	-
130	-	-
TOTALS		363.9457

244.4444

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DENILES WOOD
 SITE ... 4B
 DATE ... 11 / 68

AREA 1.12 HA.

DIA.
 CLASS SPECIES
 (CMS.) TOTALS

	NO.	VOL. (SV.)
0	40.17857	1.906875
5	28.57143	3.872571
20	32.14286	8.670214
25	37.5	16.968
30	21.42857	14.70407
35	25.89286	26.30766
40	34.82143	49.75425
45	23.21429	44.05236
50	25	60.4685
55	12.5	37.35638
60	10.71429	38.60668
65	7.142857	30.42457
70	4.464286	22.1129
75	4.464286	25.36255
80	4.464286	28.7479
85	.8928571	6.450554
90	.8928571	7.172143
95	-	-
100	-	-
105	-	-
110	.8928571	10.19969
115	-	-
120	1.785714	23.505
125	-	-
130	-	-

TOTALS	316.9643	456.6429

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE...DENILES WOOD
 SITE ...SA
 DATE ... 11 / 68

AREA 1.24 HA.

DIA.
 CLASS
 (CMS.)

SPECIES

TOTALS

	NO.	VOL. (SV.)
10	16.12903	.7654839
15	41.12903	5.574629
20	83.87697	22.62335
25	102.4194	46.34271
30	79.03226	54.23115
35	66.93548	68.00779
40	50.80645	72.59429
45	32.25807	61.21419
50	14.51613	35.11074
55	12.09677	36.15132
60	9.677419	34.87055
65	4.032258	17.17516
70	4.032258	19.97294
75	2.419355	13.74486
80	1.612903	10.38634
85	-	-
90	-	-
95	-	-
100	-	-
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-

TOTALS	520.9677	498.7655

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DENDLES WOOD

SITE ... 5E

DATE ... 11 / 68

AREA .42 HA.

DIA. CLASS (CMS.)	SPECIES	
	TOTALS	
	NO.	VOL. (CV.)

10	14.28571	.673
15	14.28571	1.936286
20	11.90476	3.21119
25	21.42857	9.696
30	9.52381	6.535143
35	7.142857	7.257286
40	7.142857	10.206
45	4.761905	9.036381
50	-	-
55	2.380952	7.1155
60	-	-
65	-	-
70	-	-
75	-	-
80	-	-
85	-	-
90	-	-
95	-	-
100	-	-
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-

TOTALS	92.85714	55.67179

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... BENDLES WOOD
 SITE ... 5C
 DATE ... 11 / 68

AREA .94 HA.

DIA. CLASS (CMS.)	SPECIES	
	TOTALS	
	NO.	VOL. (SV.)
10	10.6383	.5048936
15	11.73213	1.586106
20	4.255319	1.14753
25	10.6383	4.813617
30	4.255319	2.919957
35	7.446809	7.566106
40	1.06383	1.520043
45	8.510638	16.15013
50	-	-
55	-	-
60	1.06383	3.833287
65	-	-
70	-	-
75	-	-
80	-	-
85	1.06383	7.685766
90	-	-
95	-	-
100	-	-
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
TOTALS	60.6383	47.72773

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DENDLES WOOD
 SITE ... 5D
 DATE ... 11 / 68

AREA 1.28 HA.

DIA. CLASS (CMS.) SPECIES TOTALS

	NO.	VOL. (SV.)
10	32.8125	1.557281
15	46.09375	6.247547
20	53.90625	14.54767
25	39.0625	17.675
30	39.0625	26.8043
35	33.59375	34.13192
40	32.03125	45.76753
45	21.09375	47.02834
50	10.9375	26.45497
55	14.84375	44.3607
60	7.03125	25.33563
65	4.6875	19.96613
70	.78125	3.869758
75	.78125	4.438445
80	.78125	5.030883
85	2.34375	16.9327
90	.78125	6.275625
95	1.5625	13.84447
100	-	-
105	.78125	8.249633
110	-	-
115	-	-
120	-	-
125	-	-
130	.78125	11.63451
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TOTALS	343.75	373.146
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STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... BENDLES WOOD
 SITE ... 6A
 DATE ... 11 / 68

AREA 1.45 HA.

DIA. CLASS (CMS.)		SPECIES
	TOTALS	

	NO.	VOL. (SV.)
13	24.13793	1.145586
15	14.43276	1.962993
20	12.41379	3.348497
25	16.55172	7.489324
30	28.27536	19.43261
35	33.7931	34.33447
40	41.37931	59.12441
45	29.65517	56.27484
50	26.2069	63.38767
55	9.655172	28.85458
60	15.17241	54.67061
65	4.827536	20.56281
70	2.758621	13.66425
75	-	-
80	-	-
85	1.37931	9.964993
90	6896552	5.539362
95	-	-
100	-	-
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
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TOTALS	261.3793	379.7275
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STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DEVELLES WOOD
 SITE ... 6B
 DATE ... 11 / 68

AREA .77 HA.

DIA. CLASS (CMS.)	SPECIES	
	TOTALS	
	NO.	VOL. (SV.)
10	62.33766	2.958545
15	48.05195	6.512961
20	32.46753	8.757792
25	33.76623	15.27855
30	37.66234	25.84352
35	45.45455	46.18273
40	46.75325	66.80291
45	44.15584	33.7919
50	36.36364	87.95418
55	11.68831	34.93064
60	12.98701	46.79597
65	10.38961	44.25392
70	2.597403	12.86569
75	6.493506	36.89097
80	2.597403	16.72605
85	1.298701	9.382623
90	2.597403	20.86442
95	-	-
100	2.597403	25.20499
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
TOTALS	440.2598	591.9984

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DEVILES WOOD

SITE ... 60

DATE ... 11 / 68

AREA 1.65 HA.

DIA. CLASS (CMS.)	SPECIES	
	TOTALS	
	NO.	VOL. (SV.)
10	14.54545	.6903273
15	6.060606	.8214545
20	4.848485	1.30783
25	-	-
30	1.212121	.3317455
35	2.424242	2.46379
40	1.212121	1.731927
45	.6060606	1.152085
50	1.212121	2.931806
55	1.212121	3.622436
60	-	-
65	-	-
70	.6060606	3.001994
75	-	-
80	-	-
85	-	-
90	-	-
95	-	-
100	-	-
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
TOTALS	33.93939	18.55269

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... BUNDLES WOOD
 SITE ... 6D
 DATE ... 11 / 68

AREA 1.97 HA.

DIA.
 CLASS
 (CMS.)

SPECIES

TOTALS

	NO.	VOL. (SV.)
10	49.60914	1.782761
15	9.64467	1.307239
20	7.614213	2.053858
25	12.18274	5.512447
30	19.28934	13.23615
35	14.72081	14.95664
40	24.8731	35.53969
45	20.30457	38.53076
50	17.27411	44.20032
55	10.6599	31.85721
60	5.076142	1.829081
65	4.568528	19.45937
70	2.538071	12.5718
75	2.538071	14.41931
80	-	-
85	5.076142	3.66732
90	5.076142	4.077563
95	-	-
100	5.076142	4.925848
105	-	-
110	1.015228	11.59761
115	-	-
120	-	-
125	5.076142	7.122096
130	-	-

TOTALS	191.3706	268.6471

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DEVELES WOOD
 SITE ... 65
 DATE ... 11 / 68

AREA 1.13 HA.

DI. CLASS (CMR.)	SPECIES	
	TOTALS	
	NO.	VOL. (SV.)
10	63.17699	2.856
15	43.73796	5.517558
20	33.0885	3.116371
25	22.12389	13.71062
30	23.35398	13.9667
35	29.23354	29.67138
40	33.97345	44.25611
45	13.27434	25.13991
50	5.309735	14.64287
55	14.15929	42.31519
60	7.379646	25.51002
65	5.309735	22.6165
70	5.309735	26.30065
75	2.654867	15.08286
80	.8849558	5.698699
85	-	-
90	1.769912	14.21735
95	.8849558	7.841115
100	-	-
105	.8849558	9.344717
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
TOTAL	291.1504	321.3543

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DENDLES WOOD
 SITE ... 7A
 DATE ... 11 / 68

AREA 2.34 HA.

DIA.
 CLASS
 (CMS.)

SPECIES

TOTALS

	NO.	VOL. (CV.)
10	44.8718	2.129615
15	18.80342	2.543615
20	14.10256	3.804026
25	17.94872	8.121436
30	19.23077	13.19596
35	14.10256	14.32849
40	22.64957	32.36262
45	25.21368	47.84648
50	22.64957	54.78343
55	17.52137	52.36273
60	13.24736	47.73539
65	10.68376	45.50684
70	6.837607	33.86865
75	3.418803	19.42294
80	2.564103	16.51162
85	1.709402	12.30973
90	1.282051	10.29846
95	-	-
100	4.273504	4.146974
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
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TOTALS	257.265	421.3246

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... BENDLES WOOD

SITE ... 7B

DATE ... 11 / 63

AREA 1.38 HA.

DIA.
CLASS
(CMS.)

SPECIES

TOTALS

	NO.	VOL. (CV.)
10	23.18841	1.100522
15	29.71015	4.026913
20	32.6337	8.79537
25	15.21739	6.835565
30	15.94203	10.93926
35	10.14493	10.33745
40	16.66667	23.814
45	16.66667	31.62733
50	15.21739	36.80691
55	18.84058	56.30526
60	10.14493	36.55512
65	7.971015	33.95206
70	2.898551	14.35736
75	2.173913	12.35046
80	2.173913	13.99398
85	.7246377	5.235232
90	1.449275	11.64174
95	-	-
100	-	-
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-

TOTALS	221.7391	318.7

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... DEWDLES WOOD
 SITE ...8A
 DATE ... 11 / 68

AREA 4.89 HA.

DIA. SPECIES
 CLASS TOTALS
 (CMS.)

	NO.	VOL. (CV.)
10	33.98533	1.612944
15	35.20782	4.772869
20	31.54934	8.507692
25	16.38142	7.412264
30	22.24939	15.26731
35	23.47188	23.2479
40	22.98289	32.83887
45	21.51589	40.82942
50	24.44988	59.1379
55	14.66993	43.84122
60	9.535452	34.359
65	6.845966	29.15998
70	4.409978	21.79932
75	3.422983	19.44668
80	3.178484	28.46794
85	.4889976	3.532822
90	.389976	3.92802
95	.4889976	4.332743
100	-	-
105	.2444988	2.581792
110	.2444988	2.793068
115	-	-
120	.2444988	3.218289
125	.2444988	3.438447
130	-	-

TOTALS	276.2836	387.1177
