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VOLUME TABLE

JARRAH



1976

VOLUME TABLE — JARRAH 1976

Volumes underbark in cubic metres

Also use for all species other than Marri, Karri and the Tingles.

D.B.H. O.B. cm	Bole height in metres											Bole height in metres										Nominal stump metres	D.B.H. O.B. cm	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	19	21	23	25				
10	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03						0.25	10	
12	0.00	0.00	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05						0.25	12	
14	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07						0.25	14	
16	0.01	0.02	0.03	0.03	0.04	0.04	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09						0.25	16	
18	0.01	0.02	0.04	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13						0.25	18	
20	0.01	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16						0.30	20	
22	0.02	0.04	0.05	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21						0.30	22	
24	0.02	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.22	0.24	0.26						0.30	24	
26	0.02	0.05	0.08	0.10	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.24	0.26	0.27	0.29	0.31						0.30	26	
28	0.03	0.06	0.09	0.11	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.38						0.30	28	
30	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6		0.35	30	
32	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7		0.35	32	
34	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8		0.35	34	
36	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9		0.35	36	
38	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.9	0.9	1.0	1.0		0.35	38	
40	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1		0.40	40	
42	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2		0.40	42	
44	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.4		0.40	44	
46	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5		0.40	46	
48	0.1	0.2	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.6		0.40	48	
50	0.1	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.5	1.7	1.7	1.8		0.45	50	
52	0.1	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.4	1.5	1.7	1.8	1.9	2.0		0.45	52	
54	0.1	0.3	0.5	0.6	0.7	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	2.0	2.1	2.2		0.45	54	
56	0.2	0.4	0.6	0.7	0.8	0.9	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.5		0.45	56	
58	0.2	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.4	2.5	2.7		0.45	58	
60	0.2	0.5	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.3	2.5	2.7	2.8	3.0		0.50	60
62	0.2	0.5	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2		0.50	62	
64	0.2	0.5	0.8	0.9	1.1	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5		0.50	64	
66	0.2	0.5	0.8	1.0	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.7	2.9	3.1	3.4	3.6	3.7		0.50	66	
68	0.2	0.6	0.9	1.1	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.4	3.6	3.8	4.0		0.50	68	
70	0.2	0.6	0.9	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.6	3.9	4.1	4.3		0.55	70	
72	0.2	0.6	1.0	1.2	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.6	3.8	4.1	4.3	4.6		0.55	72	
74	0.3	0.7	1.0	1.3	1.5	1.8	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.3	3.4	3.8	4.1	4.3	4.6	4.8		0.55	74	
76	0.3	0.7	1.1	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.4	3.6	4.0	4.3	4.6	4.9	5.1		0.55	76	
78	0.3	0.7	1.1	1.4	1.7	2.0	2.2	2.4	2.7	2.8	3.0	3.2	3.4	3.6	3.8	4.2	4.6	4.9	5.1	5.4		0.55	78	
80	0.3	0.8	1.2	1.5	1.8	2.1	2.3	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.4	4.8	5.1	5.4	5.7		0.60	80	
82	0.3	0.8	1.2	1.6	1.9	2.2	2.5	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.6	5.0	5.4	5.7	6.0		0.60	82	
84	0.3	0.8	1.3	1.6	2.0	2.3	2.6	2.8	3.1	3.3	3.6	3.8	4.0	4.3	4.4	4.9	5.3	5.6	6.0	6.2		0.60	84	
86	0.3	0.8	1.3	1.7	2.1	2.4	2.7	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.7	5.1	5.5	5.9	6.2	6.5		0.60	86	
88	0.3	0.9	1.4	1.8	2.2	2.5	2.9	3.2	3.5	3.7	3.9	4.2	4.4	4.7	4.9	5.3	5.8	6.2	6.5	6.8		0.60	88	
90	0.3	0.9	1.5	1.9	2.3	2.6	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.6	6.0	6.4	6.8	7.1		0.65	90	
92	0.3	1.0	1.5	2.0	2.4	2.8	3.1	3.4	3.8	4.0	4.3	4.6	4.8	5.1	5.3	5.8	6.3	6.7	7.1	7.4		0.65	92	
94	0.3	1.0	1.6	2.0	2.5	2.9	3.3	3.6	3.9	4.2	4.5	4.8	5.0	5.3	5.6	6.1	6.5	7.0	7.4	7.7		0.65	94	
96	0.3	1.0	1.6	2.1	2.6	3.0	3.4	3.7	4.1	4.4	4.7	5.0	5.2	5.5	5.8	6.3	6.8	7.3	7.7	8.0		0.65	96	
98	0.3	1.1	1.7	2.2	2.6	3.1	3.5	3.9	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.6	7.1	7.6	8.0	8.4		0.65	98	
100	0.3	1.1	1.7	2.3	2.7	3.2	3.6	4.0	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.9	7.4	7.9	8.3	8.7		0.70	100	
102	0.4	1.1	1.8	2.3	2.8	3.3	3.7	4.1	4.6	5.0	5.3	5.7	6.0	6.3	6.6	7.2	7.7	8.3	8.8	9.1		0.70	102	
104	0.4	1.1	1.8	2.4	2.9	3.4	3.9	4.3	4.7	5.1	5.5	5.9	6.2	6.6	6.9	7.5	8.1	8.6	9.2	9.6		0.70	104	
106	0.4	1.2	1.9	2.5	3.0	3.5	4.0	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.8	8.5	9.0	9.6	10.1		0.70	106	
108	0.4	1.2	1.9	2.6	3.1	3.6	4.2	4.6	5.1	5.5	5.9	6.3	6.7	7.1	7.5	8.1	8.8	9.5	10.0	10.5		0.70	108	
D.B.H. O.B.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	19	21	23	25	Nominal stump	D.B.H. O.B.		

VOLUME TABLE — JARRAH 1976 *Volumes underbark in cubic metres*

Also use for all species other than Marri, Karri and the Tingles.

D.B.H. O.B. cm	Bole height in metres										
	1	2	3	4	5	6	7	8	9	10	11
110	0.4	1.2	2.0	2.6	3.2	3.8	4.3	4.8	5.2	5.7	6.2
112	0.5	1.3	2.0	2.7	3.3	3.9	4.5	4.9	5.4	6.0	6.4
114	0.5	1.3	2.1	2.8	3.4	4.0	4.6	5.1	5.6	6.1	6.6
116	0.5	1.4	2.1	2.9	3.5	4.1	4.7	5.3	5.8	6.3	6.8
118	0.5	1.4	2.2	3.0	3.6	4.2	4.9	5.5	6.0	6.6	7.1
120	0.6	1.5	2.2	3.1	3.7	4.4	5.0	5.6	6.2	6.8	7.3
122	0.6	1.5	2.3	3.1	3.8	4.5	5.2	5.8	6.4	7.0	7.5
124	0.6	1.6	2.4	3.2	3.9	4.6	5.4	6.0	6.6	7.2	7.8
126	0.6	1.6	2.4	3.3	4.0	4.8	5.6	6.1	6.8	7.4	8.0
128	0.7	1.7	2.5	3.4	4.1	4.9	5.7	6.3	7.0	7.7	8.3
130	0.7	1.7	2.6	3.5	4.3	5.0	5.9	6.5	7.2	7.9	8.5
132	0.7	1.8	2.6	3.6	4.4	5.2	6.0	6.7	7.4	8.1	8.8
134	0.7	1.8	2.7	3.7	4.5	5.3	6.2	6.9	7.6	8.4	9.0
136	0.8	1.9	2.8	3.8	4.6	5.5	6.4	7.1	7.8	8.6	9.3
138	0.8	1.9	2.9	3.9	4.8	5.7	6.5	7.3	8.1	8.9	9.5
140	0.8	1.9	2.9	4.0	4.9	5.8	6.7	7.5	8.3	9.1	9.8
142	0.8	2.0	3.0	4.1	5.0	6.0	6.9	7.7	8.5	9.4	10.1
144	0.8	2.0	3.1	4.2	5.1	6.1	7.0	7.9	8.8	9.6	10.4
146	0.9	2.1	3.2	4.3	5.3	6.3	7.2	8.2	9.0	9.9	10.6
148	0.9	2.1	3.3	4.4	5.4	6.4	7.4	8.4	9.2	10.2	11.0
150	0.9	2.2	3.3	4.5	5.5	6.6	7.6	8.6	9.5	10.4	11.3
152	0.9	2.3	3.4	4.6	5.7	6.8	7.8	8.8	9.7	10.7	11.6
154	0.9	2.3	3.5	4.7	5.8	6.9	8.0	9.0	10.0	11.0	11.9
156	1.0	2.4	3.6	4.8	6.0	7.1	8.2	9.3	10.2	11.2	12.2
158	1.0	2.4	3.7	4.9	6.1	7.3	8.4	9.5	10.5	11.5	12.5
160	1.0	2.5	3.8	5.1	6.3	7.4	8.6	9.7	10.7	11.8	12.8
162	1.0	2.5	3.9	5.2	6.4	7.6	8.8	9.9	11.0	12.1	13.1
164	1.1	2.6	4.0	5.3	6.6	7.8	9.0	10.2	11.3	12.4	13.4
166	1.1	2.6	4.1	5.4	6.8	8.0	9.2	10.4	11.5	12.6	13.7
168	1.1	2.7	4.2	5.5	6.9	8.2	9.4	10.7	11.8	12.9	14.0
170	1.2	2.8	4.3	5.7	7.1	8.4	9.7	10.9	12.1	13.2	14.3
172	1.2	2.8	4.4	5.8	7.3	8.6	9.9	11.2	12.4	13.5	14.6
174	1.2	2.9	4.5	5.9	7.4	8.8	10.1	11.4	12.6	13.8	14.9
176	1.3	3.0	4.6	6.0	7.6	9.0	10.3	11.7	12.9	14.2	15.3
178	1.3	3.1	4.7	6.2	7.7	9.2	10.6	11.9	13.2	14.5	15.6
180	1.3	3.2	4.8	6.3	7.9	9.3	10.8	12.2	13.5	14.8	16.0
182	1.4	3.2	4.9	6.5	8.1	9.6	11.0	12.5	13.8	15.1	16.4
184	1.4	3.3	5.0	6.6	8.3	9.8	11.3	12.8	14.1	15.5	16.8
186	1.4	3.4	5.1	6.8	8.5	10.0	11.5	13.0	14.4	15.8	17.2
188	1.5	3.5	5.2	6.9	8.6	10.2	11.8	13.3	14.8	16.2	17.6
190	1.5	3.6	5.4	7.1	8.8	10.4	12.0	13.6	15.1	16.5	18.0
192	1.5	3.6	5.5	7.2	9.0	10.6	12.3	13.9	15.4	16.9	18.4
194	1.6	3.7	5.6	7.4	9.2	10.8	12.5	14.2	15.7	17.2	18.8
196	1.6	3.8	5.7	7.6	9.4	11.1	12.8	14.4	16.0	17.6	19.2
198	1.6	3.9	5.8	7.8	9.5	11.3	13.0	14.7	16.4	18.0	19.7
200	1.7	4.0	6.0	7.9	9.7	11.5	13.3	15.0	16.7	18.4	20.1
D.B.H. O.B. cm	Bole height in metres										
	1	2	3	4	5	6	7	8	9	10	11

Bole height in metres										Nominal stump metres	D.B.H. O.B. cm
12	13	14	15	17	19	21	23	25			
6.6	7.0	7.4	7.8	8.5	9.2	9.8	10.4	10.9	0.70	110	
6.8	7.3	7.7	8.1	8.8	9.5	10.3	10.9	11.4	0.70	112	
7.1	7.5	8.0	8.4	9.1	9.9	10.7	11.3	11.9	0.70	114	
7.3	7.8	8.2	8.7	9.5	10.3	11.1	11.8	12.4	0.70	116	
7.6	8.0	8.5	9.0	9.8	10.6	11.5	12.2	12.9	0.70	118	
7.8	8.3	8.8	9.3	10.2	11.0	11.9	12.7	13.4	0.70	120	
8.1	8.6	9.1	9.6	10.5	11.4	12.3	13.2	13.9	0.70	122	
8.4	8.9	9.4	9.9	10.9	11.8	12.8	13.7	14.4	0.70	124	
8.6	9.1	9.7	10.2	11.3	12.2	13.2	14.1	15.0	0.70	126	
8.9	9.4	10.0	10.5	11.6	12.6	13.7	14.6	15.5	0.70	128	
9.2	9.7	10.3	10.9	12.0	13.0	14.1	15.1	16.0	0.70	130	
9.5	10.0	10.6	11.2	12.4	13.5	14.6	15.6	16.5	0.70	132	
9.7	10.3	10.9	11.5	12.7	13.9	15.1	16.1	17.1	0.70	134	
10.0	10.6	11.2	11.9	13.1	14.3	15.5	16.6	17.6	0.70	136	
10.3	11.0	11.6	12.2	13.5	14.7	16.0	17.1	18.1	0.70	138	
10.6	11.3	11.9	12.6	13.9	15.2	16.5	17.7	18.7	0.70	140	
10.9	11.6	12.2	13.0	14.3	15.7	17.0	18.2	19.2	0.70	142	
11.2	11.9	12.6	13.4	14.7	16.1	17.4	18.7	19.7	0.70	144	
11.5	12.2	13.0	13.8	15.2	16.6	17.9	19.2	20.3	0.70	146	
11.8	12.6	13.3	14.1	15.6	17.0	18.4	19.7	20.8	0.70	148	
12.1	12.9	13.7	14.5	16.0	17.5	18.9	20.3	21.4	0.70	150	
12.4	13.3	14.1	14.9	16.5	18.0	19.5	20.8	21.9	0.70	152	
12.7	13.6	14.4	15.3	16.9	18.5	20.0	21.3	22.5	0.70	154	
13.1	14.0	14.8	15.7	17.3	19.0	20.6	21.9	23.1	0.70	156	
13.4	14.3	15.2	16.1	17.8	19.5	21.1	22.5	23.7	0.70	158	
13.7	14.7	15.6	16.5	18.2	20.0	21.6	23.1	24.3	0.70	160	
14.0	15.0	16.0	16.9	18.7	20.5	22.2	23.7	24.9	0.70	162	
14.4	15.4	16.4	17.3	19.1	21.0	22.7	24.3	25.5	0.70	164	
14.7	15.8	16.8	17.7	19.6	21.5	23.2	24.9	26.1	0.70	166	
15.1	16.1	17.2	18.2	20.1	22.0	23.8	25.4	26.8	0.70	168	
15.4	16.5	17.6	18.6	20.6	22.6	24.4	26.0	27.4	0.70	170	
15.8	16.9	18.0	19.0	21.1	23.1	24.9	26.6	28.0	0.70	172	
16.1	17.3	18.4	19.5	21.5	23.6	25.5	27.2	28.6	0.70	174	
16.5	17.7	18.8	19.9	22.0	24.1	26.0	27.8	29.2	0.70	176	
16.9	18.1	19.3	20.4	22.5	24.7	26.6	28.4	29.8	0.70	178	
17.3	18.5	19.7	20.8	23.0	25.2	27.2	29.1	30.5	0.70	180	
17.7	18.9	20.2	21.3	23.5	25.7	27.8	29.7	31.1	0.70	182	
18.1	19.4	20.7	21.8	24.0	26.3	28.4	30.4	31.9	0.70	184	
18.5	19.8	21.2	22.3	24.6	26.9	29.0	31.0	32.6	0.70	186	
18.9	20.3	21.6	22.8	25.1	27.5	29.6	31.6	33.3	0.70	188	
19.4	20.8	22.1	23.3	25.7	28.1	30.2	32.3	33.9	0.70	190	
19.8	21.3	22.6	23.9	26.3	28.7	30.9	32.9	34.6	0.70	192	
20.3	21.8	23.1	24.4	26.9	29.4	31.5	33.6	35.3	0.70	194	
20.7	22.2	23.6	25.0	27.5	30.0	32.1	34.2	35.9	0.70	196	
21.2	22.7	24.2	25.5	28.1	30.7	32.8	34.9	36.6	0.70	198	
21.7	23.2	24.7	26.0	28.7	31.3	33.4	35.5	37.3	0.70	200	
Bole height in metres										Nominal stump metres	D.B.H. O.B. cm
12	13	14	15	17	19	21	23	25			

HOW TO USE THIS TABLE

Note that this table contains an allowance for the volume of the stump height nominated, so that all volumes are "above the stump".

1. When the bottom of the log is approximately at nominal stump height:
 - 1.1. Measure D.B.H.O.B. to nearest centimetre.
 - 1.2. Estimate bole height from ground to top of log and read volume from the table.
2. When the bottom of the log is above nominal stump height:
 - 2.1. Measure D.B.H.O.B. to nearest centimetre.
 - 2.2. Estimate bole height from ground to top of log and read volume.
 - 2.3. Estimate bole height from ground to bottom of log and read volume.
 - 2.4. Subtract volume 2.3 from volume 2.2.
3. Interpolate volumes carefully when heights or diameters are in between those shown in the table. For consistency when the volume is between an even and uneven volume use the even figure.
4. For trees too large for these tables, extrapolate carefully.

D.B.H.O.B. = Diameter breast height over bark

GIRTH-DIAMETER CONVERSION TABLE

It is Forests Department policy to measure in diameter rather than girth. This table is provided for the rare occasions when an officer has a length tape only.

Girth cm	Diameter cm	Girth cm	Diameter cm	Girth cm	Diameter cm
1	0.3	10	3.2	100	31.8
2	0.6	20	6.4	200	63.7
3	1.0	30	9.5	300	95.5
4	1.3	40	12.7	400	127.3
5	1.6	50	15.9	500	159.2
6	1.9	60	19.1	600	191.0
7	2.2	70	22.3	700	222.8
8	2.5	80	25.5	800	254.6
9	2.9	90	28.6	900	286.5
				1000	318.3

Conversion factor: 1 cm girth = 0.31831 cm diameter