

Hilfstabellen II: untere Grenze der Oberhöhen für Leistungsklassen

Stand 2024

Eiche, gestaffelte Hochdurchforstung (Albert et al., 2021)

untere Grenzwerte der Oberhöhe [m]

Alter	Leistungsklasse									Alter
	12	11	10	9	8	7	6	5	4	
15	10.5	9.7	8.9	8.1	7.1	6.1	4.9	3.7	2.5	15
20	13.3	12.5	11.6	10.6	9.5	8.3	6.9	5.4	3.9	20
25	15.8	14.9	13.9	12.8	11.6	10.3	8.7	7.0	5.2	25
30	17.9	17.0	15.9	14.8	13.5	12.0	10.4	8.5	6.5	30
35	19.8	18.8	17.7	16.5	15.2	13.7	11.9	9.9	7.7	35
40	21.5	20.5	19.3	18.1	16.7	15.1	13.3	11.2	8.9	40
45	22.9	21.9	20.8	19.5	18.1	16.5	14.6	12.4	10.0	45
50	24.3	23.2	22.1	20.8	19.3	17.7	15.7	13.5	11.0	50
55	25.5	24.4	23.2	21.9	20.5	18.8	16.8	14.5	12.0	55
60	26.6	25.5	24.3	23.0	21.5	19.8	17.8	15.5	12.9	60
65	27.5	26.5	25.3	24.0	22.5	20.8	18.7	16.4	13.8	65
70	28.5	27.4	26.2	24.8	23.4	21.6	19.6	17.2	14.6	70
75	29.3	28.2	27.0	25.7	24.2	22.4	20.4	18.0	15.3	75
80	30.1	29.0	27.8	26.4	24.9	23.2	21.2	18.7	16.1	80
85	30.8	29.7	28.5	27.1	25.6	23.9	21.9	19.4	16.7	85
90	31.4	30.4	29.2	27.8	26.3	24.6	22.5	20.1	17.4	90
95	32.1	31.0	29.8	28.4	26.9	25.2	23.1	20.7	18.0	95
100	32.6	31.6	30.3	29.0	27.5	25.8	23.7	21.2	18.6	100

Fortsetzung Eiche

Alter	Leistungsklasse									Alter
	12	11	10	9	8	7	6	5	4	
105	33.2	32.1	30.9	29.5	28.0	26.3	24.2	21.8	19.1	105
110	33.7	32.6	31.4	30.1	28.6	26.8	24.8	22.3	19.6	110
115	34.2	33.1	31.9	30.5	29.0	27.3	25.3	22.8	20.1	115
120	34.6	33.5	32.3	31.0	29.5	27.8	25.7	23.3	20.6	120
125	35.1	34.0	32.8	31.4	29.9	28.2	26.2	23.7	21.0	125
130	35.5	34.4	33.2	31.8	30.3	28.6	26.6	24.1	21.4	130
135	35.9	34.8	33.6	32.2	30.7	29.0	27.0	24.5	21.8	135
140	36.2	35.1	33.9	32.6	31.1	29.4	27.3	24.9	22.2	140
145	36.6	35.5	34.3	32.9	31.5	29.7	27.7	25.3	22.6	145
150	36.9	35.8	34.6	33.3	31.8	30.1	28.0	25.6	23.0	150
155	37.2	36.1	34.9	33.6	32.1	30.4	28.4	26.0	23.3	155
160	37.5	36.4	35.2	33.9	32.4	30.7	28.7	26.3	23.6	160
165	37.8	36.7	35.5	34.2	32.7	31.0	29.0	26.6	23.9	165
170	38.1	37.0	35.8	34.5	33.0	31.3	29.3	26.9	24.3	170
175	38.3	37.2	36.1	34.7	33.3	31.6	29.6	27.2	24.5	175
180	38.6	37.5	36.3	35.0	33.5	31.8	29.8	27.5	24.8	180

Buche, gestaffelte Hochdurchforstung (Albert et al., 2021)

untere Grenzwerte der Oberhöhe [m]

Alter	Leistungsklasse											Alter
	16	15	14	13	12	11	10	9	8	7	6	
15	5.5	4.7	4.0	3.4	2.8	2.3	-	-	-	-	-	15
20	9.2	8.1	7.2	6.3	5.4	4.7	3.9	3.2	2.5	-	-	20
25	12.8	11.6	10.4	9.3	8.3	7.3	6.3	5.3	4.4	3.5	2.7	25
30	16.2	14.8	13.5	12.3	11.1	9.9	8.7	7.6	6.4	5.4	4.3	30
35	19.3	17.8	16.4	15.0	13.7	12.4	11.1	9.8	8.5	7.3	6.1	35
40	22.0	20.5	19.0	17.6	16.2	14.8	13.4	12.0	10.6	9.2	7.8	40
45	24.5	22.9	21.4	19.9	18.4	17.0	15.5	14.0	12.5	11.0	9.5	45
50	26.8	25.2	23.6	22.0	20.5	19.0	17.4	15.9	14.3	12.7	11.2	50
55	28.9	27.2	25.6	24.0	22.4	20.8	19.2	17.6	16.0	14.4	12.8	55
60	30.7	29.0	27.4	25.7	24.1	22.5	20.9	19.2	17.5	15.9	14.2	60
65	32.4	30.7	29.0	27.4	25.7	24.0	22.4	20.7	18.9	17.2	15.6	65
70	34.0	32.2	30.5	28.8	27.1	25.4	23.7	22.0	20.2	18.5	16.8	70
75	35.4	33.6	31.9	30.2	28.4	26.7	25.0	23.2	21.4	19.7	18.0	75
80	36.7	34.9	33.2	31.4	29.6	27.9	26.2	24.4	22.6	20.8	19.0	80
85	38.0	36.1	34.4	32.6	30.8	29.0	27.2	25.4	23.6	21.8	20.0	85
90	39.1	37.2	35.4	33.6	31.8	30.0	28.2	26.4	24.5	22.7	20.9	90
95	40.2	38.3	36.5	34.6	32.8	30.9	29.1	27.2	25.4	23.5	21.7	95
100	41.1	39.2	37.4	35.5	33.6	31.8	30.0	28.0	26.1	24.3	22.5	100

Fortsetzung Buche

Alter	Leistungsklasse											Alter
	16	15	14	13	12	11	10	9	8	7	6	
105	42.1	40.2	38.3	36.4	34.5	32.6	30.7	28.8	26.9	25.0	23.2	105
110	42.9	41.0	39.1	37.2	35.2	33.3	31.4	29.5	27.6	25.7	23.9	110
115	43.8	41.8	39.9	37.9	36.0	34.0	32.1	30.1	28.2	26.3	24.5	115
120	44.5	42.5	40.6	38.6	36.6	34.7	32.7	30.8	28.8	26.9	25.0	120
125	45.2	43.2	41.3	39.3	37.3	35.3	33.3	31.3	29.3	27.4	25.5	125
130	45.9	43.9	41.9	39.9	37.9	35.9	33.9	31.8	29.8	27.9	26.0	130
135	46.6	44.5	42.5	40.5	38.4	36.4	34.4	32.3	30.3	28.3	26.4	135
140	47.2	45.1	43.1	41.0	38.9	36.9	34.9	32.8	30.7	28.8	26.9	140
145	47.8	45.7	43.6	41.6	39.4	37.4	35.3	33.2	31.1	29.1	27.2	145
150	48.3	46.2	44.1	42.1	39.9	37.8	35.7	33.6	31.5	29.5	27.6	150
155	48.9	46.7	44.6	42.5	40.3	38.2	36.1	34.0	31.9	29.9	27.9	155
160	49.4	47.2	45.1	43.0	40.8	38.6	36.5	34.3	32.2	30.2	28.3	160
165	49.8	47.7	45.5	43.4	41.2	39.0	36.9	34.7	32.5	30.5	28.5	165
170	50.3	48.1	46.0	43.8	41.5	39.4	37.2	35.0	32.8	30.8	28.8	170
175	50.7	48.5	46.4	44.2	41.9	39.7	37.5	35.3	33.1	31.0	29.1	175
180	51.2	48.9	46.7	44.5	42.2	40.0	37.8	35.6	33.4	31.3	29.3	180

Fichte, gestaffelte Hochdurchforstung (Albert et al., 2021)

untere Grenzwerte der Oberhöhe [m]

Alter	Leistungsklasse											Alter
	18	17	16	15	14	13	12	11	10	9	8	
15	9.3	8.4	6.6	5.7	4.9	4.1	3.5	2.9	2.3	-	-	15
20	13.4	12.3	10.0	8.8	7.8	6.7	5.8	4.9	4.1	3.4	2.8	20
25	17.4	16.0	13.3	12.0	10.7	9.5	8.3	7.2	6.2	5.2	4.4	25
30	20.9	19.5	16.5	15.0	13.6	12.2	10.8	9.5	8.3	7.2	6.1	30
35	24.1	22.6	19.4	17.8	16.3	14.7	13.3	11.8	10.5	9.2	8.0	35
40	26.9	25.3	22.0	20.4	18.8	17.1	15.6	14.1	12.6	11.2	9.8	40
45	29.4	27.8	24.4	22.7	21.0	19.4	17.7	16.1	14.6	13.1	11.6	45
50	31.6	29.9	26.5	24.8	23.1	21.4	19.7	18.0	16.4	14.9	13.3	50
55	33.5	31.8	28.3	26.6	24.9	23.2	21.5	19.8	18.1	16.5	15.0	55
60	35.1	33.4	30.0	28.3	26.5	24.8	23.1	21.4	19.7	18.1	16.5	60
65	36.5	34.9	31.4	29.7	28.0	26.3	24.6	22.9	21.2	19.5	17.9	65
70	37.8	36.1	32.7	31.0	29.3	27.6	25.9	24.2	22.5	20.9	19.2	70
75	38.9	37.3	33.9	32.2	30.5	28.8	27.1	25.4	23.7	22.1	20.4	75
80	39.9	38.2	34.9	33.2	31.6	29.9	28.2	26.5	24.9	23.2	21.5	80
85	40.8	39.1	35.8	34.2	32.5	30.8	29.2	27.5	25.9	24.2	22.6	85
90	41.5	39.9	36.6	35.0	33.3	31.7	30.1	28.4	26.8	25.2	23.5	90
95	42.2	40.6	37.4	35.7	34.1	32.5	30.9	29.3	27.6	26.0	24.4	95
100	42.8	41.2	38.0	36.4	34.8	33.2	31.6	30.0	28.4	26.8	25.2	100

Fortsetzung Fichte

Alter	Leistungsklasse											Alter
	18	17	16	15	14	13	12	11	10	9	8	
115	44.2	42.7	39.6	38.0	36.5	34.9	33.4	31.9	30.3	28.8	27.2	115
120	44.6	43.1	40.0	38.5	36.9	35.4	33.9	32.4	30.9	29.3	27.8	120
125	45.0	43.4	40.4	38.9	37.4	35.9	34.4	32.9	31.4	29.9	28.3	125
130	45.3	43.7	40.7	39.2	37.7	36.2	34.8	33.3	31.8	30.3	28.8	130
135	45.5	44.0	41.0	39.6	38.1	36.6	35.1	33.7	32.2	30.8	29.3	135
140	45.8	44.3	41.3	39.9	38.4	36.9	35.5	34.0	32.6	31.2	29.7	140
145	46.0	44.5	41.6	40.1	38.7	37.2	35.8	34.4	32.9	31.5	30.1	145
150	46.2	44.7	41.8	40.4	38.9	37.5	36.1	34.7	33.3	31.9	30.4	150

Douglasie, gestaffelte Hochdurchforstung (Albert et al., 2021)

untere Grenzwerte der Oberhöhe [m]

Alter	24	23	22	21	20	19	18	17	16	15	14	Alter
15	10.9	10.1	9.2	8.4	7.6	6.9	6.2	5.5	4.9	4.4	3.9	15
20	15.9	14.9	13.9	13.0	12.1	11.2	10.4	9.5	8.8	8.0	7.3	20
25	20.2	19.3	18.2	17.2	16.1	15.2	14.3	13.3	12.4	11.6	10.8	25
30	24.1	23.0	21.9	20.8	19.8	18.7	17.7	16.7	15.8	14.8	13.9	30
35	27.4	26.4	25.2	24.1	23.0	21.9	20.8	19.7	18.7	17.7	16.7	35
40	30.4	29.3	28.1	26.9	25.8	24.6	23.5	22.4	21.3	20.2	19.1	40
45	33.0	31.9	30.7	29.4	28.2	27.1	25.9	24.7	23.6	22.4	21.3	45
50	35.4	34.2	32.9	31.7	30.4	29.2	28.0	26.8	25.6	24.4	23.2	50
55	37.5	36.3	35.0	33.7	32.4	31.1	29.9	28.6	27.4	26.1	24.9	55
60	39.4	38.1	36.8	35.5	34.1	32.9	31.6	30.3	29.0	27.7	26.4	60
65	41.1	39.8	38.5	37.1	35.7	34.4	33.1	31.7	30.4	29.0	27.7	65
70	42.7	41.4	40.0	38.6	37.2	35.8	34.5	33.1	31.7	30.3	28.9	70
75	44.1	42.8	41.4	39.9	38.5	37.1	35.7	34.3	32.8	31.4	30.0	75
80	45.5	44.1	42.6	41.1	39.7	38.2	36.8	35.4	33.9	32.4	31.0	80
85	46.7	45.3	43.8	42.3	40.8	39.3	37.9	36.4	34.9	33.4	31.9	85
90	47.8	46.4	44.9	43.3	41.8	40.3	38.8	37.3	35.7	34.2	32.7	90
95	48.9	47.4	45.9	44.3	42.7	41.2	39.7	38.1	36.6	35.0	33.4	95
100	49.9	48.4	46.8	45.2	43.6	42.0	40.5	38.9	37.3	35.7	34.1	100
115	52.5	50.9	49.2	47.6	45.9	44.2	42.6	40.9	39.2	37.5	35.9	115
120	53.3	51.7	50.0	48.3	46.5	44.9	43.2	41.5	39.8	38.1	36.4	120

Kiefer, gestaffelte Hochdurchforstung (Albert et al., 2021)

untere Grenzwerte der Oberhöhe [m]

Alter	Leistungsklasse											Alter
	16	15	14	13	12	11	10	9	8	7	6	
15	9.9	9.4	8.8	8.3	7.7	7.2	6.7	6.1	5.6	5.0	4.5	15
20	12.9	12.2	11.5	10.8	10.2	9.5	8.8	8.1	7.5	6.8	6.1	20
25	15.6	14.8	14.0	13.2	12.4	11.6	10.8	10.1	9.3	8.5	7.7	25
30	18.1	17.2	16.3	15.4	14.5	13.6	12.7	11.8	10.9	10.0	9.2	30
35	20.4	19.4	18.4	17.4	16.4	15.4	14.4	13.5	12.5	11.5	10.5	35
40	22.4	21.4	20.3	19.2	18.2	17.1	16.0	15.0	13.9	12.8	11.8	40
45	24.3	23.2	22.0	20.9	19.8	18.6	17.5	16.4	15.2	14.1	13.0	45
50	26.0	24.8	23.6	22.4	21.2	20.0	18.8	17.6	16.5	15.2	14.0	50
55	27.6	26.3	25.1	23.8	22.6	21.3	20.1	18.8	17.6	16.3	15.0	55
60	29.0	27.7	26.4	25.1	23.8	22.5	21.2	19.9	18.6	17.2	15.9	60
65	30.2	28.9	27.6	26.2	24.9	23.5	22.2	20.8	19.5	18.1	16.8	65
70	31.4	30.0	28.6	27.3	25.9	24.5	23.1	21.7	20.3	18.9	17.5	70
75	32.5	31.0	29.6	28.2	26.8	25.4	23.9	22.5	21.1	19.6	18.2	75
80	33.4	32.0	30.5	29.1	27.6	26.2	24.7	23.2	21.8	20.3	18.8	80
85	34.3	32.8	31.3	29.8	28.4	26.9	25.4	23.9	22.4	20.9	19.4	85
90	35.1	33.5	32.0	30.5	29.0	27.5	26.0	24.5	23.0	21.5	19.9	90
95	35.8	34.2	32.7	31.2	29.6	28.1	26.6	25.1	23.5	21.9	20.4	95
100	36.4	34.9	33.3	31.8	30.2	28.6	27.1	25.6	24.0	22.4	20.9	100

Fortsetzung Kiefer

Alter	Leistungsklasse											Alter
	16	15	14	13	12	11	10	9	8	7	6	
105	37.0	35.4	33.8	32.3	30.7	29.1	27.6	26.0	24.4	22.8	21.2	105
110	37.5	35.9	34.3	32.7	31.2	29.6	28.0	26.4	24.8	23.2	21.6	110
115	38.0	36.4	34.8	33.2	31.6	30.0	28.4	26.8	25.2	23.5	21.9	115
120	38.4	36.8	35.2	33.6	31.9	30.3	28.7	27.1	25.5	23.8	22.2	120
125	38.8	37.2	35.5	33.9	32.3	30.7	29.0	27.4	25.8	24.1	22.5	125
130	39.1	37.5	35.9	34.2	32.6	31.0	29.3	27.7	26.0	24.4	22.7	130
135	39.5	37.8	36.2	34.5	32.9	31.2	29.6	27.9	26.3	24.6	22.9	135
140	39.8	38.1	36.4	34.8	33.1	31.5	29.8	28.2	26.5	24.8	23.1	140
145	40.0	38.3	36.7	35.0	33.4	31.7	30.0	28.4	26.7	25.0	23.3	145
150	40.2	38.6	36.9	35.2	33.6	31.9	30.2	28.5	26.9	25.1	23.5	150

Albert M., Nagel J., Schmidt M., Nagel R.-V., Spellmann H. (2021):

Eine neue Generation von Ertragstafeln für Eiche, Buche, Fichte, Douglasie und Kiefer [Datensatz].

Zenodo. <https://doi.org/10.5281/zenodo.6343906>