Table of changes in basal area

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Block | Year | Total Basal area | Beech basal area | Oak basal area |
| 1 | 1964 | 25.00 | 0.00 | 15.38 |
| 1 | 1984 | 29.19 | 0.00 | 17.62 |
| 1 | 1988 | 17.13 | 0.00 | 8.17 |
| 1 | 1996 | 15.57 | 0.00 | 6.91 |
| 1 | 2014 | 17.55 | 0.00 | 7.89 |
| 2 | 1964 | 35.30 | 14.64 | 12.88 |
| 2 | 1984 | 43.54 | 21.42 | 13.99 |
| 2 | 1988 | 44.68 | 22.11 | 14.09 |
| 2 | 1996 | 37.58 | 23.24 | 13.99 |
| 2 | 2014 | 46.02 | 30.09 | 14.72 |
| 3 | 1964 | 48.87 | 10.46 | 37.04 |
| 3 | 1984 | 53.00 | 13.99 | 38.47 |
| 3 | 1988 | 52.38 | 14.19 | 38.19 |
| 3 | 1996 | 43.59 | 13.99 | 29.39 |
| 3 | 2014 | 33.30 | 15.05 | 17.33 |
| 4 | 1964 | 73.19 | 37.47 | 33.78 |
| 4 | 1984 | 68.95 | 42.43 | 25.97 |
| 4 | 1988 | 65.16 | 42.05 | 23.12 |
| 4 | 1996 | 57.56 | 32.93 | 24.63 |
| 4 | 2014 | 34.49 | 4.72 | 29.77 |
| 5 | 1964 | 36.68 | 14.17 | 22.50 |
| 5 | 1984 | 41.17 | 16.81 | 24.37 |
| 5 | 1988 | 30.81 | 16.73 | 14.09 |
| 5 | 1996 | 7.33 | 7.33 | 0.00 |
| 5 | 2014 | 8.61 | 8.61 | 0.00 |
| 6 | 1964 | 37.17 | 37.17 | 0.00 |
| 6 | 1984 | 41.80 | 41.80 | 0.00 |
| 6 | 1988 | 41.94 | 41.94 | 0.00 |
| 6 | 1996 | 43.69 | 43.69 | 0.00 |
| 6 | 2014 | 47.67 | 47.67 | 0.00 |
| 7 | 1964 | 45.99 | 38.19 | 7.79 |
| 7 | 1984 | 8.73 | 7.12 | 0.00 |
| 7 | 1988 | 7.28 | 6.67 | 0.00 |
| 7 | 1996 | 0.82 | 0.00 | 0.00 |
| 8 | 1964 | 61.59 | 36.58 | 23.51 |
| 8 | 1984 | 29.14 | 0.00 | 28.46 |
| 8 | 1988 | 31.21 | 0.00 | 30.36 |
| 8 | 1996 | 35.60 | 0.00 | 34.45 |
| 8 | 2014 | 18.76 | 0.00 | 16.92 |
| 9 | 1964 | 36.39 | 26.79 | 8.74 |
| 9 | 1984 | 35.35 | 30.91 | 4.19 |
| 9 | 1988 | 36.21 | 31.26 | 4.71 |
| 9 | 1996 | 34.33 | 28.86 | 5.15 |
| 9 | 2014 | 43.11 | 35.82 | 6.81 |
| 10 | 1964 | 32.50 | 32.16 | 0.00 |
| 10 | 1984 | 18.25 | 18.25 | 0.00 |
| 10 | 1988 | 18.78 | 18.78 | 0.00 |
| 10 | 1996 | 19.36 | 19.36 | 0.00 |
| 10 | 2014 | 20.88 | 20.88 | 0.00 |
| 11 | 1964 | 45.59 | 16.77 | 27.64 |
| 11 | 1984 | 27.40 | 13.33 | 13.66 |
| 11 | 1988 | 27.60 | 14.04 | 13.56 |
| 11 | 1996 | 21.92 | 7.05 | 14.62 |
| 11 | 2014 | 28.08 | 11.14 | 16.50 |
| 12 | 1964 | 36.33 | 29.43 | 5.94 |
| 12 | 1984 | 39.43 | 31.59 | 6.95 |
| 12 | 1988 | 37.38 | 30.71 | 6.42 |
| 12 | 1996 | 43.94 | 36.61 | 7.33 |
| 12 | 2014 | 53.33 | 45.06 | 7.60 |
| 13 | 1964 | 42.15 | 30.57 | 11.34 |
| 13 | 1984 | 40.19 | 28.03 | 11.64 |
| 13 | 1988 | 38.51 | 27.26 | 11.25 |
| 13 | 1996 | 33.91 | 22.06 | 11.85 |
| 13 | 2014 | 42.31 | 30.12 | 12.19 |
| 14 | 1964 | 37.49 | 20.40 | 16.85 |
| 14 | 1984 | 44.33 | 24.46 | 19.25 |
| 14 | 1988 | 43.02 | 22.98 | 19.75 |
| 14 | 1996 | 40.12 | 19.71 | 19.97 |
| 14 | 2014 | 48.14 | 26.55 | 20.88 |
| 15 | 1964 | 59.13 | 22.01 | 37.11 |
| 15 | 1984 | 58.61 | 20.33 | 37.55 |
| 15 | 1988 | 40.73 | 1.84 | 38.22 |
| 15 | 1996 | 46.38 | 6.62 | 39.15 |
| 15 | 2014 | 50.92 | 8.90 | 40.95 |
| 16 | 1964 | 41.08 | 40.00 | 0.00 |
| 16 | 1984 | 15.27 | 14.41 | 0.00 |
| 16 | 1988 | 16.79 | 15.79 | 0.00 |
| 16 | 1996 | 18.62 | 18.12 | 0.00 |
| 16 | 2014 | 23.50 | 23.50 | 0.00 |
| 17 | 1964 | 53.44 | 52.97 | 0.00 |
| 17 | 1984 | 49.18 | 48.45 | 0.00 |
| 17 | 1988 | 46.54 | 46.08 | 0.00 |
| 17 | 1996 | 27.08 | 27.08 | 0.00 |
| 17 | 2014 | 28.40 | 28.40 | 0.00 |
| 18 | 1964 | 41.10 | 25.80 | 9.76 |
| 18 | 1984 | 37.30 | 26.71 | 10.35 |
| 18 | 1988 | 37.42 | 26.81 | 10.35 |
| 18 | 1996 | 42.30 | 31.49 | 10.81 |
| 18 | 2014 | 45.24 | 32.95 | 11.94 |
| 19 | 1964 | 32.88 | 25.30 | 2.61 |
| 19 | 1984 | 35.64 | 27.30 | 3.26 |
| 19 | 1988 | 35.57 | 27.00 | 3.50 |
| 19 | 1996 | 50.95 | 28.19 | 20.25 |
| 19 | 2014 | 60.24 | 33.13 | 23.86 |
| 20 | 1964 | 30.96 | 13.58 | 15.55 |
| 20 | 1984 | 34.39 | 19.26 | 14.93 |
| 20 | 1988 | 36.31 | 20.78 | 15.31 |
| 20 | 1996 | 39.85 | 24.02 | 15.83 |
| 20 | 2014 | 46.30 | 29.83 | 16.22 |
| 21 | 1964 | 72.90 | 14.51 | 56.56 |
| 21 | 1984 | 75.49 | 21.00 | 52.24 |
| 21 | 1988 | 75.20 | 21.97 | 51.12 |
| 21 | 1996 | 82.90 | 32.50 | 48.04 |
| 21 | 2014 | 91.55 | 40.46 | 49.70 |
| 22 | 1964 | 40.37 | 20.47 | 16.98 |
| 22 | 1984 | 29.40 | 26.52 | 0.00 |
| 22 | 1988 | 30.79 | 27.41 | 0.00 |
| 22 | 1996 | 26.55 | 24.46 | 0.00 |
| 22 | 2014 | 32.09 | 30.07 | 0.00 |
| 23 | 1964 | 34.99 | 21.76 | 12.57 |
| 23 | 1984 | 48.42 | 34.42 | 13.56 |
| 23 | 1988 | 49.65 | 35.21 | 13.99 |
| 23 | 1996 | 50.86 | 36.31 | 14.29 |
| 23 | 2014 | 49.82 | 33.89 | 15.93 |
| 24 | 1964 | 51.47 | 9.59 | 39.92 |
| 24 | 1984 | 54.14 | 11.40 | 40.43 |
| 24 | 1988 | 53.64 | 12.43 | 40.80 |
| 24 | 1996 | 55.24 | 14.20 | 41.04 |
| 24 | 2014 | 17.48 | 17.48 | 0.00 |
| 27 | 1964 | 20.08 | 11.72 | 6.83 |
| 27 | 1984 | 23.62 | 13.33 | 7.79 |
| 27 | 1988 | 21.67 | 12.18 | 7.55 |
| 27 | 1996 | 24.23 | 14.14 | 7.87 |
| 27 | 2014 | 30.06 | 17.93 | 8.61 |
| 28 | 1964 | 61.97 | 11.40 | 49.33 |
| 28 | 1984 | 69.50 | 14.72 | 52.47 |
| 28 | 1988 | 62.24 | 11.89 | 47.95 |
| 28 | 1996 | 69.94 | 8.26 | 59.71 |
| 28 | 2014 | 64.44 | 9.70 | 53.57 |
| 29 | 1964 | 25.60 | 9.17 | 15.90 |
| 29 | 1984 | 31.16 | 12.55 | 18.13 |
| 29 | 1988 | 26.37 | 6.29 | 19.60 |
| 29 | 1996 | 34.12 | 13.89 | 20.23 |
| 29 | 2014 | 37.60 | 18.63 | 18.51 |
| 30 | 1964 | 49.57 | 37.78 | 11.34 |
| 30 | 1984 | 24.70 | 11.32 | 12.44 |
| 30 | 1988 | 18.18 | 5.77 | 12.41 |
| 30 | 1996 | 6.15 | 6.15 | 0.00 |
| 30 | 2014 | 9.16 | 9.16 | 0.00 |
| 31 | 1964 | 53.08 | 43.08 | 9.35 |
| 31 | 1984 | 59.24 | 45.27 | 12.44 |
| 31 | 1988 | 40.84 | 27.17 | 12.04 |
| 31 | 1996 | 4.05 | 1.81 | 0.00 |
| 31 | 2014 | 16.11 | 5.37 | 9.89 |
| 32 | 1964 | 36.41 | 36.41 | 0.00 |
| 32 | 1984 | 41.38 | 41.38 | 0.00 |
| 32 | 1988 | 24.83 | 24.83 | 0.00 |
| 32 | 1996 | 18.97 | 18.97 | 0.00 |
| 32 | 2014 | 26.16 | 26.16 | 0.00 |
| 33 | 1964 | 63.82 | 47.30 | 14.19 |
| 33 | 1984 | 75.97 | 56.59 | 16.95 |
| 33 | 1988 | 45.42 | 43.88 | 0.00 |
| 33 | 1996 | 44.71 | 43.20 | 0.00 |
| 33 | 2014 | 47.99 | 47.99 | 0.00 |
| 34 | 1964 | 40.57 | 33.49 | 0.00 |
| 34 | 1984 | 6.03 | 1.61 | 0.00 |
| 34 | 1988 | 2.32 | 0.20 | 0.00 |
| 34 | 1996 | 5.58 | 2.33 | 0.00 |
| 34 | 2014 | 8.61 | 4.76 | 0.00 |
| 35 | 1964 | 68.52 | 65.97 | 0.00 |
| 35 | 1984 | 72.97 | 69.45 | 0.00 |
| 35 | 1988 | 40.89 | 39.00 | 0.00 |
| 35 | 1996 | 42.75 | 41.49 | 0.00 |
| 35 | 2014 | 47.07 | 47.07 | 0.00 |
| 36 | 1964 | 39.54 | 37.10 | 0.44 |
| 36 | 1984 | 39.77 | 37.91 | 0.00 |
| 36 | 1988 | 15.01 | 14.29 | 0.00 |
| 36 | 1996 | 16.21 | 15.84 | 0.00 |
| 36 | 2014 | 20.93 | 20.53 | 0.00 |
| 37 | 1964 | 28.12 | 14.62 | 11.35 |
| 37 | 1984 | 29.03 | 15.00 | 11.68 |
| 37 | 1988 | 29.62 | 15.60 | 11.92 |
| 37 | 1996 | 32.84 | 17.24 | 13.53 |
| 37 | 2014 | 33.92 | 21.50 | 11.03 |
| 38 | 1964 | 54.60 | 25.78 | 27.37 |
| 38 | 1984 | 54.26 | 26.01 | 27.47 |
| 38 | 1988 | 55.26 | 26.46 | 28.02 |
| 38 | 1996 | 60.06 | 29.00 | 30.04 |
| 38 | 2014 | 53.68 | 19.05 | 34.03 |
| 39 | 1964 | 41.91 | 28.26 | 11.50 |
| 39 | 1984 | 36.08 | 24.19 | 9.84 |
| 39 | 1988 | 34.08 | 24.72 | 7.22 |
| 39 | 1996 | 36.12 | 26.01 | 7.86 |
| 39 | 2014 | 27.47 | 17.79 | 7.10 |
| 40 | 1964 | 35.32 | 22.27 | 13.04 |
| 40 | 1984 | 38.12 | 24.05 | 14.07 |
| 40 | 1988 | 33.64 | 19.63 | 14.01 |
| 40 | 1996 | 36.05 | 20.66 | 15.39 |
| 40 | 2014 | 43.26 | 25.71 | 17.27 |
| 41 | 1964 | 32.89 | 11.86 | 12.65 |
| 41 | 1984 | 33.84 | 15.61 | 10.68 |
| 41 | 1988 | 19.91 | 9.67 | 10.03 |
| 41 | 1996 | 21.73 | 9.81 | 11.68 |
| 41 | 2014 | 25.01 | 12.03 | 12.42 |
| 42 | 1964 | 56.21 | 18.07 | 37.04 |
| 42 | 1984 | 52.72 | 22.72 | 29.51 |
| 42 | 1988 | 42.39 | 23.92 | 17.98 |
| 42 | 1996 | 50.52 | 30.71 | 19.07 |
| 42 | 2014 | 57.56 | 36.10 | 20.31 |
| 43 | 1964 | 73.18 | 25.55 | 44.42 |
| 43 | 1984 | 56.82 | 24.28 | 29.28 |
| 43 | 1988 | 57.36 | 23.58 | 30.49 |
| 43 | 1996 | 59.89 | 24.22 | 32.34 |
| 43 | 2014 | 67.54 | 27.38 | 34.72 |
| 46 | 1964 | 44.58 | 23.57 | 18.86 |
| 46 | 1984 | 44.85 | 24.96 | 18.51 |
| 46 | 1988 | 26.01 | 24.86 | 0.00 |
| 46 | 1996 | 28.09 | 26.40 | 0.00 |
| 46 | 2014 | 27.55 | 27.55 | 0.00 |
| 47 | 1964 | 70.88 | 16.61 | 50.01 |
| 47 | 1984 | 75.30 | 18.60 | 52.68 |
| 47 | 1988 | 64.24 | 18.46 | 42.10 |
| 47 | 1996 | 66.53 | 19.49 | 43.39 |
| 47 | 2014 | 27.87 | 8.19 | 16.39 |
| 48 | 1964 | 74.02 | 26.38 | 45.63 |
| 48 | 1984 | 71.62 | 25.34 | 44.38 |
| 48 | 1988 | 43.29 | 25.55 | 16.81 |
| 48 | 1996 | 46.49 | 26.87 | 17.82 |
| 48 | 2014 | 35.26 | 16.75 | 18.29 |
| 49 | 1964 | 63.71 | 15.99 | 47.71 |
| 49 | 1984 | 69.58 | 18.81 | 50.77 |
| 49 | 1988 | 73.83 | 19.36 | 54.47 |
| 49 | 1996 | 65.76 | 20.54 | 45.22 |
| 49 | 2014 | 70.46 | 22.28 | 47.62 |
| 50 | 1964 | 42.30 | 12.42 | 27.13 |
| 50 | 1984 | 48.64 | 13.48 | 31.47 |
| 50 | 1988 | 48.05 | 13.28 | 30.97 |
| 50 | 1996 | 52.08 | 15.55 | 32.25 |
| 50 | 2014 | 59.08 | 20.98 | 34.14 |
| 52 | 1964 | 61.66 | 18.52 | 41.70 |
| 52 | 1999 | 25.38 | 5.81 | 17.91 |
| 52 | 2014 | 28.03 | 7.61 | 18.87 |
| 53 | 1964 | 47.92 | 30.26 | 14.19 |
| 53 | 1999 | 29.04 | 0.00 | 27.21 |
| 53 | 2014 | 31.96 | 0.00 | 28.06 |
| 54 | 1964 | 55.91 | 33.18 | 19.24 |
| 54 | 1999 | 25.94 | 0.00 | 22.98 |
| 54 | 2014 | 30.20 | 0.00 | 25.86 |
| 55 | 1964 | 60.87 | 16.20 | 39.99 |
| 55 | 1999 | 43.97 | 0.00 | 38.48 |
| 55 | 2014 | 49.13 | 0.00 | 42.09 |
| 56 | 1964 | 52.23 | 31.75 | 16.98 |
| 56 | 1999 | 22.04 | 0.00 | 20.75 |
| 56 | 2014 | 24.52 | 0.00 | 22.73 |
| 57 | 1964 | 30.19 | 12.62 | 14.52 |
| 57 | 1999 | 18.76 | 15.99 | 0.00 |
| 57 | 2014 | 20.63 | 17.89 | 0.00 |
| 58 | 1964 | 29.68 | 27.77 | 0.00 |
| 58 | 1999 | 1.07 | 0.00 | 0.00 |
| 58 | 2014 | 2.01 | 0.00 | 0.00 |
| 60 | 1964 | 38.41 | 20.36 | 14.52 |
| 60 | 1999 | 15.99 | 0.00 | 15.38 |
| 60 | 2014 | 1.29 | 0.00 | 0.00 |
| 61 | 1964 | 56.45 | 47.43 | 5.07 |
| 61 | 1999 | 30.43 | 18.12 | 10.87 |
| 61 | 2014 | 42.40 | 24.69 | 15.86 |
| 62 | 1964 | 22.13 | 11.28 | 8.98 |
| 62 | 1999 | 19.92 | 0.00 | 19.12 |
| 62 | 2014 | 25.91 | 0.00 | 24.80 |
| 63 | 1964 | 59.19 | 25.66 | 30.65 |
| 63 | 1999 | 43.24 | 9.62 | 31.30 |
| 63 | 2014 | 38.26 | 10.52 | 23.00 |
| 64 | 1964 | 56.41 | 44.12 | 10.54 |
| 64 | 1999 | 29.56 | 15.63 | 12.33 |
| 64 | 2014 | 35.33 | 18.36 | 14.30 |
| 65 | 1964 | 33.61 | 29.70 | 1.04 |
| 65 | 1999 | 3.92 | 0.99 | 2.39 |
| 65 | 2014 | 3.08 | 1.23 | 0.00 |
| 66 | 1964 | 74.24 | 14.65 | 56.75 |
| 66 | 1999 | 16.18 | 3.66 | 12.04 |
| 66 | 2014 | 19.62 | 4.52 | 13.97 |
| 67 | 1964 | 10.93 | 5.99 | 4.03 |
| 67 | 1999 | 28.49 | 13.24 | 11.27 |
| 67 | 2014 | 34.57 | 14.32 | 15.53 |