

LAMPIRAN

Lampiran 1. Analisis Daya Dukung Lahan Tahun 2007 di Kabupaten Kulon Progo

| Kecamatan | 2007 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 22.788 | 1.688 | 103.812 | 70.592 | 41,82 | 1,249 | 0,074 | 0,030 | 2,480 | I |
| Wates | 40.978 | 1.265 | 78.291 | 53.238 | 42,09 | 1,249 | 0,031 | 0,030 | 1,040 | II |
| Panjatan | 31.439 | 1.037 | 64.864 | 44.108 | 42,53 | 1,249 | 0,033 | 0,029 | 1,123 | II |
| Galur | 27.948 | 1.996 | 118.582 | 80.636 | 40,40 | 1,249 | 0,071 | 0,031 | 2,310 | II |
| Lendah | 34.426 | 1.136 | 71.056 | 48.318 | 42,53 | 1,249 | 0,033 | 0,029 | 1,124 | II |
| Sentolo | 41.626 | 2.028 | 127.038 | 86.386 | 42,60 | 1,249 | 0,049 | 0,029 | 1,662 | II |
| Pengasih | 42.069 | 1.026 | 65.838 | 44.770 | 43,64 | 1,249 | 0,024 | 0,029 | 0,852 | III |
| Kokap | 33.257 | 99 | 5.230 | 3.557 | 35,92 | 1,249 | 0,003 | 0,035 | 0,086 | III |
| Girimulyo | 22.628 | 833 | 44.189 | 30.049 | 36,07 | 1,249 | 0,037 | 0,035 | 1,063 | II |
| Nanggulan | 25.701 | 3.091 | 191.735 | 130.380 | 42,18 | 1,249 | 0,120 | 0,030 | 4,062 | I |
| Kalibawang | 26.787 | 1.444 | 87.405 | 59.436 | 41,16 | 1,249 | 0,054 | 0,030 | 1,777 | II |
| Samigaluh | 24.798 | 1.047 | 59.459 | 40.432 | 38,62 | 1,249 | 0,042 | 0,032 | 1,306 | II |
| Kulon Progo | 374.445 | 16.690 | 1.017.500 | 691.900 | 41,46 | | 0,572 | 0,369 | 1,550 | II |

Lampiran 2. Analisis Daya Dukung Lahan Tahun 2008 di Kabupaten Kulon Progo

| Kecamatan | 2008 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 25.528 | 1.995 | 128.418 | 87.324 | 43,77 | 1,249 | 0,078 | 0,029 | 2,739 | I |
| Wates | 40.140 | 1.358 | 86.836 | 59.049 | 43,48 | 1,249 | 0,034 | 0,029 | 1,178 | II |
| Panjatan | 32.723 | 1.980 | 125.215 | 85.146 | 43,00 | 1,249 | 0,061 | 0,029 | 2,083 | II |
| Galur | 27.180 | 2.343 | 147.396 | 100.229 | 42,78 | 1,249 | 0,086 | 0,029 | 2,953 | I |
| Lendah | 32.134 | 1.028 | 63.007 | 42.844 | 41,68 | 1,249 | 0,032 | 0,030 | 1,068 | II |
| Sentolo | 39.149 | 2.058 | 132.858 | 90.344 | 43,90 | 1,249 | 0,053 | 0,028 | 1,848 | II |
| Pengasih | 40.778 | 1.091 | 70.667 | 48.053 | 44,05 | 1,249 | 0,027 | 0,028 | 0,944 | III |
| Kokap | 33.974 | 125 | 8.237 | 5.601 | 44,81 | 1,249 | 0,004 | 0,028 | 0,132 | III |
| Girimulyo | 23.666 | 700 | 40.330 | 27.424 | 39,18 | 1,249 | 0,030 | 0,032 | 0,928 | III |
| Nanggulan | 26.850 | 3.286 | 208.792 | 141.979 | 43,21 | 1,249 | 0,122 | 0,029 | 4,234 | I |
| Kalibawang | 27.420 | 1.599 | 101.757 | 69.195 | 43,27 | 1,249 | 0,058 | 0,029 | 2,021 | II |
| Samigaluh | 25.241 | 1.060 | 63.520 | 43.194 | 40,75 | 1,249 | 0,042 | 0,031 | 1,370 | II |
| Kulon Progo | 374.783 | 18.623 | 1.177.034 | 800.383 | 42,98 | | 0,626 | 0,350 | 1,786 | II |

Lampiran 3. Analisis Daya Dukung Lahan Tahun 2009 di Kabupaten Kulon Progo

| Kecamatan | 2009 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 23.522 | 1.998 | 130.490 | 88.733 | 44,41 | 1,249 | 0,085 | 0,028 | 3,021 | I |
| Wates | 39.838 | 1.362 | 88.910 | 60.459 | 44,39 | 1,249 | 0,034 | 0,028 | 1,215 | II |
| Panjatan | 33.998 | 2.114 | 136.120 | 92.562 | 43,79 | 1,249 | 0,062 | 0,029 | 2,180 | II |
| Galur | 27.741 | 2.288 | 147.650 | 100.402 | 43,88 | 1,249 | 0,082 | 0,028 | 2,898 | I |
| Lendah | 32.937 | 1.244 | 80.130 | 54.488 | 43,80 | 1,249 | 0,038 | 0,029 | 1,325 | II |
| Sentolo | 37.312 | 2.026 | 132.290 | 89.957 | 44,40 | 1,249 | 0,054 | 0,028 | 1,930 | II |
| Pengasih | 39.566 | 1.079 | 71.480 | 48.606 | 45,05 | 1,249 | 0,027 | 0,028 | 0,984 | III |
| Kokap | 37.659 | 134 | 8.870 | 6.032 | 45,01 | 1,249 | 0,004 | 0,028 | 0,128 | III |
| Girimulyo | 24.978 | 720 | 43.440 | 29.539 | 41,03 | 1,249 | 0,029 | 0,030 | 0,947 | III |
| Nanggulan | 25.117 | 3.573 | 232.920 | 158.386 | 44,33 | 1,249 | 0,142 | 0,028 | 5,049 | I |
| Kalibawang | 28.874 | 1.419 | 91.850 | 62.458 | 44,02 | 1,249 | 0,049 | 0,028 | 1,732 | II |
| Samigaluh | 29.143 | 1.057 | 66.720 | 45.370 | 42,92 | 1,249 | 0,036 | 0,029 | 1,247 | II |
| Kulon Progo | 380.685 | 19.014 | 1.230.870 | 836.992 | 44,02 | | 0,643 | 0,341 | 1,884 | II |

Lampiran 4. Analisis Daya Dukung Lahan Tahun 2010 di Kabupaten Kulon Progo

| Kecamatan | 2010 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 24.543 | 2.045 | 117.608 | 79.973 | 39,11 | 1,249 | 0,083 | 0,032 | 2,609 | I |
| Wates | 44.123 | 1.373 | 104.494 | 71.056 | 51,75 | 1,249 | 0,031 | 0,024 | 1,289 | II |
| Panjatan | 33.492 | 1.588 | 102.124 | 69.445 | 43,73 | 1,249 | 0,047 | 0,029 | 1,660 | II |
| Galur | 29.196 | 2.601 | 167.933 | 114.194 | 43,90 | 1,249 | 0,089 | 0,028 | 3,132 | I |
| Lendah | 36.547 | 1.136 | 72.909 | 49.578 | 43,64 | 1,249 | 0,031 | 0,029 | 1,086 | II |
| Sentolo | 44.653 | 2.016 | 105.598 | 71.806 | 35,62 | 1,249 | 0,045 | 0,035 | 1,288 | II |
| Pengasih | 45.308 | 1.348 | 71.599 | 48.687 | 36,12 | 1,249 | 0,030 | 0,035 | 0,860 | III |
| Kokap | 31.193 | 189 | 9.123 | 6.204 | 32,82 | 1,249 | 0,006 | 0,038 | 0,159 | III |
| Girimulyo | 21.944 | 930 | 57.685 | 39.225 | 42,18 | 1,249 | 0,042 | 0,030 | 1,431 | II |
| Nanggulan | 27.316 | 1.524 | 93.574 | 63.630 | 41,75 | 1,249 | 0,056 | 0,030 | 1,865 | II |
| Kalibawang | 26.865 | 1.314 | 84.477 | 57.444 | 43,72 | 1,249 | 0,049 | 0,029 | 1,712 | II |
| Samigaluh | 24.744 | 1.412 | 81.451 | 55.387 | 39,23 | 1,249 | 0,057 | 0,032 | 1,792 | II |
| Kulon Progo | 389.924 | 17.476 | 1.068.573 | 726.630 | 41,58 | | 0,567 | 0,369 | 1,536 | II |

Lampiran 5. Analisis Daya Dukung Lahan Tahun 2011 di Kabupaten Kulon Progo

| Kecamatan | 2011 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 24.845 | 2.037 | 126.940 | 86.319 | 42,38 | 1,249 | 0,082 | 0,029 | 2,782 | I |
| Wates | 44.667 | 1.382 | 86.070 | 58.528 | 42,35 | 1,249 | 0,031 | 0,029 | 1,049 | II |
| Panjatan | 33.869 | 1.970 | 122.670 | 83.416 | 42,34 | 1,249 | 0,058 | 0,029 | 1,972 | II |
| Galur | 29.469 | 2.062 | 125.290 | 85.197 | 41,32 | 1,249 | 0,070 | 0,030 | 2,315 | II |
| Lendah | 36.947 | 1.194 | 72.830 | 49.524 | 41,48 | 1,249 | 0,032 | 0,030 | 1,073 | II |
| Sentolo | 45.186 | 2.453 | 152.710 | 103.843 | 42,33 | 1,249 | 0,054 | 0,030 | 1,840 | II |
| Pengasih | 45.867 | 1.519 | 83.890 | 57.045 | 37,55 | 1,249 | 0,033 | 0,033 | 0,996 | III |
| Kokap | 31.326 | 162 | 8.910 | 6.059 | 37,40 | 1,249 | 0,005 | 0,033 | 0,155 | III |
| Girimulyo | 22.051 | 1.035 | 66.220 | 45.030 | 43,51 | 1,249 | 0,047 | 0,029 | 1,635 | II |
| Nanggulan | 27.617 | 4.318 | 283.390 | 192.705 | 44,63 | 1,249 | 0,156 | 0,028 | 5,587 | I |
| Kalibawang | 27.004 | 2.153 | 131.500 | 89.420 | 41,53 | 1,249 | 0,080 | 0,030 | 2,651 | I |
| Samigaluh | 24.948 | 1.170 | 70.580 | 47.994 | 41,02 | 1,249 | 0,047 | 0,030 | 1,540 | II |
| Kulon Progo | 393.796 | 21.455 | 1.331.000 | 905.080 | 42,19 | | 0,696 | 0,362 | 1,922 | II |

Lampiran 6. Analisis Daya Dukung Lahan Tahun 2012 di Kabupaten Kulon Progo

| Kecamatan | 2012 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 25.147 | 2.090 | 143.650 | 97.682 | 46,74 | 1,249 | 0,083 | 0,027 | 3,110 | I |
| Wates | 45.210 | 1.388 | 95.950 | 65.246 | 47,01 | 1,249 | 0,031 | 0,027 | 1,156 | II |
| Panjatan | 34.243 | 2.210 | 149.900 | 101.932 | 46,12 | 1,249 | 0,065 | 0,027 | 2,383 | II |
| Galur | 29.738 | 2.349 | 163.240 | 111.003 | 47,26 | 1,249 | 0,079 | 0,026 | 2,989 | I |
| Lendah | 37.344 | 1.199 | 83.630 | 56.868 | 47,43 | 1,249 | 0,032 | 0,026 | 1,219 | II |
| Sentolo | 45.719 | 2.259 | 154.850 | 105.298 | 46,61 | 1,249 | 0,049 | 0,027 | 1,844 | II |
| Pengasih | 46.423 | 1.564 | 95.360 | 64.845 | 41,46 | 1,249 | 0,034 | 0,030 | 1,118 | II |
| Kokap | 31.454 | 157 | 9.790 | 6.657 | 42,40 | 1,249 | 0,005 | 0,029 | 0,169 | III |
| Girimulyo | 22.155 | 923 | 62.600 | 42.568 | 46,12 | 1,249 | 0,042 | 0,027 | 1,538 | II |
| Nanggulan | 27.917 | 3.016 | 210.560 | 143.181 | 47,47 | 1,249 | 0,108 | 0,026 | 4,107 | I |
| Kalibawang | 27.140 | 1.619 | 112.470 | 76.480 | 47,24 | 1,249 | 0,060 | 0,026 | 2,256 | II |
| Samigaluh | 25.149 | 997 | 68.720 | 46.730 | 46,87 | 1,249 | 0,040 | 0,027 | 1,488 | II |
| Kulon Progo | 397.639 | 19.771 | 1.350.720 | 918.490 | 46,46 | | 0,627 | 0,326 | 1,922 | II |

Lampiran 7. Analisis Daya Dukung Lahan Tahun 2013 di Kabupaten Kulon Progo

| Kecamatan | 2013 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 25.450 | 2.071 | 126.880 | 86.278 | 41,66 | 1,249 | 0,081 | 0,030 | 2,714 | I |
| Wates | 45.751 | 1.416 | 85.810 | 58.351 | 41,21 | 1,249 | 0,031 | 0,030 | 1,021 | II |
| Panjatan | 34.616 | 2.172 | 135.890 | 92.405 | 42,54 | 1,249 | 0,063 | 0,029 | 2,137 | II |
| Galur | 30.004 | 2.282 | 149.840 | 101.891 | 44,65 | 1,249 | 0,076 | 0,028 | 2,719 | I |
| Lendah | 37.737 | 1.199 | 77.980 | 53.026 | 44,23 | 1,249 | 0,032 | 0,028 | 1,125 | II |
| Sentolo | 46.249 | 2.222 | 136.810 | 93.031 | 41,87 | 1,249 | 0,048 | 0,030 | 1,611 | II |
| Pengasih | 46.982 | 1.557 | 86.520 | 58.834 | 37,79 | 1,249 | 0,033 | 0,033 | 1,003 | II |
| Kokap | 31.576 | 149 | 8.560 | 5.821 | 39,07 | 1,249 | 0,005 | 0,032 | 0,148 | III |
| Girimulyo | 22.256 | 650 | 40.470 | 27.520 | 42,34 | 1,249 | 0,029 | 0,029 | 0,990 | III |
| Nanggulan | 28.214 | 2.310 | 148.770 | 101.164 | 43,79 | 1,249 | 0,082 | 0,029 | 2,871 | I |
| Kalibawang | 27.270 | 1.239 | 79.810 | 54.271 | 43,80 | 1,249 | 0,045 | 0,029 | 1,594 | II |
| Samigaluh | 25.345 | 1.135 | 69.680 | 47.382 | 41,75 | 1,249 | 0,045 | 0,030 | 1,497 | II |
| Kulon Progo | 401.450 | 18.402 | 1.147.020 | 779.974 | 42,39 | | 0,570 | 0,357 | 1,596 | II |

Lampiran 8. Analisis Daya Dukung Lahan Tahun 2014 di Kabupaten Kulon Progo

| Kecamatan | 2014 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 25.750 | 2.008 | 124.320 | 84.538 | 42,10 | 1,249 | 0,078 | 0,030 | 2,629 | I |
| Wates | 46.289 | 1.368 | 84.490 | 57.453 | 42,00 | 1,249 | 0,030 | 0,030 | 0,994 | III |
| Panjatan | 34.987 | 1.904 | 121.770 | 82.804 | 43,49 | 1,249 | 0,054 | 0,029 | 1,895 | II |
| Galur | 30.265 | 2.248 | 147.850 | 100.538 | 44,72 | 1,249 | 0,074 | 0,028 | 2,660 | I |
| Lendah | 38.129 | 1.156 | 75.900 | 51.612 | 44,65 | 1,249 | 0,030 | 0,028 | 1,084 | II |
| Sentolo | 46.775 | 2.200 | 136.180 | 92.602 | 42,09 | 1,249 | 0,047 | 0,030 | 1,585 | II |
| Pengasih | 47.536 | 1.348 | 79.930 | 54.352 | 40,32 | 1,249 | 0,028 | 0,031 | 0,916 | III |
| Kokap | 31.694 | 167 | 9.510 | 6.467 | 38,72 | 1,249 | 0,005 | 0,032 | 0,163 | III |
| Girimulyo | 22.353 | 693 | 44.450 | 30.226 | 43,62 | 1,249 | 0,031 | 0,029 | 1,083 | II |
| Nanggulan | 28.508 | 3.274 | 216.280 | 147.070 | 44,92 | 1,249 | 0,115 | 0,028 | 4,131 | I |
| Kalibawang | 27.397 | 1.495 | 96.400 | 65.552 | 43,85 | 1,249 | 0,055 | 0,028 | 1,916 | II |
| Samigaluh | 25.539 | 1.148 | 75.370 | 51.252 | 44,64 | 1,249 | 0,045 | 0,028 | 1,607 | II |
| Kulon Progo | 405.222 | 19.009 | 1.212.450 | 824.466 | 43,37 | | 0,593 | 0,350 | 1,694 | II |

Lampiran 9. Analisis Daya Dukung Lahan Tahun 2015 di Kabupaten Kulon Progo

| Kecamatan | 2015 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 26.048 | 1.980 | 127.500 | 86.700 | 43,79 | 1,249 | 0,076 | 0,029 | 2,665 | I |
| Wates | 46.824 | 1.363 | 87.630 | 59.588 | 43,72 | 1,249 | 0,029 | 0,029 | 1,019 | II |
| Panjatan | 35.353 | 2.285 | 159.240 | 108.283 | 47,39 | 1,249 | 0,065 | 0,026 | 2,452 | II |
| Galur | 30.524 | 2.232 | 158.120 | 107.522 | 48,17 | 1,249 | 0,073 | 0,026 | 2,821 | I |
| Lendah | 38.515 | 1.151 | 80.720 | 54.890 | 47,69 | 1,249 | 0,030 | 0,026 | 1,141 | II |
| Sentolo | 47.299 | 1.982 | 128.360 | 87.285 | 44,04 | 1,249 | 0,042 | 0,028 | 1,478 | II |
| Pengasih | 48.084 | 1.217 | 77.850 | 52.938 | 43,50 | 1,249 | 0,025 | 0,029 | 0,882 | III |
| Kokap | 31.805 | 137 | 8.820 | 5.998 | 43,78 | 1,249 | 0,004 | 0,029 | 0,151 | III |
| Girimulyo | 22.447 | 927 | 62.110 | 42.235 | 45,56 | 1,249 | 0,041 | 0,027 | 1,507 | II |
| Nanggulan | 28.801 | 2.644 | 188.620 | 128.262 | 48,51 | 1,249 | 0,092 | 0,026 | 3,566 | I |
| Kalibawang | 27.517 | 1.685 | 118.330 | 80.464 | 47,75 | 1,249 | 0,061 | 0,026 | 2,341 | II |
| Samigaluh | 25.730 | 1.081 | 72.150 | 49.062 | 45,39 | 1,249 | 0,042 | 0,028 | 1,527 | II |
| Kulon Progo | 408.947 | 18.684 | 1.269.450 | 863.226 | 46,20 | | 0,581 | 0,328 | 1,770 | II |

Lampiran 10. Analisis Daya Dukung Lahan Tahun 2016 di Kabupaten Kulon Progo

| Kecamatan | 2016 | | | | | | | | | |
|--------------------|------------------------|-------------------|-----------------------|------------------------|---------------------------|------------------------|--------------|--------------|--------------|-----------|
| | Jumlah Penduduk (jiwa) | Luas panen (Ha) * | Produksi Padi GKG(kw) | Produksi beras (kw) ** | Produktivitas (kw/ha) *** | KFM (kw/kapita/ tahun) | Nilai X | Nilai K | DDL | Kelas |
| Temon | 26.343 | 1.981 | 123.432 | 83.934 | 42,37 | 1,249 | 0,075 | 0,029 | 2,551 | I |
| Wates | 47.354 | 1.365 | 84.841 | 57.692 | 42,27 | 1,249 | 0,029 | 0,030 | 0,976 | III |
| Panjatan | 35.715 | 1.793 | 109.151 | 74.223 | 41,40 | 1,249 | 0,050 | 0,030 | 1,664 | II |
| Galur | 30.777 | 2.261 | 137.648 | 93.601 | 41,40 | 1,249 | 0,073 | 0,030 | 2,435 | II |
| Lendah | 38.897 | 1.155 | 74.067 | 50.366 | 43,61 | 1,249 | 0,030 | 0,029 | 1,037 | II |
| Sentolo | 47.817 | 2.170 | 134.863 | 91.707 | 42,26 | 1,249 | 0,045 | 0,030 | 1,536 | II |
| Pengasih | 48.631 | 1.234 | 76.651 | 52.123 | 42,24 | 1,249 | 0,025 | 0,030 | 0,858 | III |
| Kokap | 31.908 | 140 | 8.710 | 5.923 | 42,31 | 1,249 | 0,004 | 0,030 | 0,149 | III |
| Girimulyo | 22.532 | 862 | 54.530 | 37.080 | 43,02 | 1,249 | 0,038 | 0,029 | 1,318 | II |
| Nanggulan | 29.089 | 2.872 | 176.250 | 119.850 | 41,73 | 1,249 | 0,099 | 0,030 | 3,299 | I |
| Kalibawang | 27.633 | 1.459 | 88.999 | 60.519 | 41,48 | 1,249 | 0,053 | 0,030 | 1,754 | II |
| Samigaluh | 25.915 | 1.530 | 95.381 | 64.859 | 42,39 | 1,249 | 0,059 | 0,029 | 2,004 | II |
| Kulon Progo | 412.611 | 18.822 | 1.164.523 | 791.876 | 42,07 | | 0,581 | 0,355 | 1,637 | II |

Lampiran 11. Penentuan RMSE Metode Peramalan di Kecamatan Temon tahun 2017-2020

| Kecamatan Temon | | | | | | | Metode garis lurus | | | | | |
|-----------------|-----------------------|----------|----------------|----------------|--------------|------------------|--------------------|--------|--------------|-------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 2,480 | -9 | 81 | 6561 | -22,32 | 200,91 | | | 2,76 | -0,28 | 0,08 | |
| 2008 | 2,739 | -7 | 49 | 2401 | -19,17 | 134,21 | | | 2,76 | -0,02 | 0,00 | |
| 2009 | 3,021 | -5 | 25 | 625 | -15,10 | 75,51 | | | 2,75 | 0,27 | 0,07 | |
| 2010 | 2,609 | -3 | 9 | 81 | -7,83 | 23,48 | | | 2,74 | -0,13 | 0,02 | |
| 2011 | 2,782 | -1 | 1 | 1 | -2,78 | 2,78 | | | 2,73 | 0,05 | 0,00 | |
| 2012 | 3,110 | 1 | 1 | 1 | 3,11 | 3,11 | 2,730 | -0,004 | 2,73 | 0,38 | 0,15 | 0,059 |
| 2013 | 2,714 | 3 | 9 | 81 | 8,14 | 24,43 | | | 2,72 | 0,00 | 0,00 | |
| 2014 | 2,629 | 5 | 25 | 625 | 13,14 | 65,72 | | | 2,71 | -0,08 | 0,01 | |
| 2015 | 2,665 | 7 | 49 | 2401 | 18,66 | 130,59 | | | 2,70 | -0,04 | 0,00 | |
| 2016 | 2,551 | 9 | 81 | 6561 | 22,96 | 206,65 | | | 2,70 | -0,15 | 0,02 | |
| Σ | 27,301 | 0 | 330 | 19338 | -1,19 | 867,40 | | | 27,30 | | 0,35 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|--------|--------|--------------|-------|--------------------|-------|---------------------|---------------|--------|--------|--------|--------------|-------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 2,57 | -0,09 | 0,01 | | 0,395 | -3,551 | | | -0,013 | 0,971 | 1,509 | 2,278 | |
| | | | 2,69 | 0,05 | 0,00 | | 0,438 | -3,063 | | | -0,014 | 0,969 | 1,770 | 3,134 | |
| | | | 2,78 | 0,24 | 0,06 | | 0,480 | -2,400 | | | -0,015 | 0,966 | 2,054 | 4,219 | |
| | | | 2,84 | -0,23 | 0,05 | | 0,416 | -1,249 | | | -0,016 | 0,964 | 1,645 | 2,706 | |
| | | | 2,86 | -0,08 | 0,01 | | 0,444 | -0,444 | | | -0,017 | 0,962 | 1,820 | 3,313 | |
| 2,861 | -0,004 | -0,004 | 2,85 | 0,26 | 0,07 | 0,047 | 0,493 | 0,493 | -0,017 | -0,001 | -0,018 | 0,959 | 2,151 | 4,626 | 0,563 |
| | | | 2,81 | -0,10 | 0,01 | | 0,434 | 1,301 | | | -0,019 | 0,957 | 1,757 | 3,089 | |
| | | | 2,74 | -0,12 | 0,01 | | 0,420 | 2,099 | | | -0,020 | 0,955 | 1,674 | 2,802 | |
| | | | 2,64 | 0,02 | 0,00 | | 0,426 | 2,980 | | | -0,021 | 0,952 | 1,713 | 2,933 | |
| | | | 2,51 | 0,04 | 0,00 | | 0,407 | 3,661 | | | -0,022 | 0,950 | 1,601 | 2,564 | |
| | | | 27,30 | | 0,22 | | 4,352 | -0,175 | | | | 9,606 | | 31,664 | |

Lampiran 12. Penentuan RMSE Metode Peramalan di Kecamatan Wates tahun 2017-2020

| Kecamatan Wates | | | | | | | Metode garis lurus | | | | | |
|-----------------|-----------------------|----------|----------------|----------------|--------------|------------------|--------------------|--------|---------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 1,04 | -9 | 81 | 6561 | -9,36 | 84,26 | | | 1,189 | -0,149 | 0,022 | |
| 2008 | 1,18 | -7 | 49 | 2401 | -8,25 | 57,72 | | | 1,168 | 0,010 | 0,000 | |
| 2009 | 1,22 | -5 | 25 | 625 | -6,08 | 30,38 | | | 1,147 | 0,068 | 0,005 | |
| 2010 | 1,29 | -3 | 9 | 81 | -3,87 | 11,61 | | | 1,126 | 0,164 | 0,027 | |
| 2011 | 1,05 | -1 | 1 | 1 | -1,05 | 1,05 | | | 1,104 | -0,055 | 0,003 | |
| 2012 | 1,16 | 1 | 1 | 1 | 1,16 | 1,16 | 1,094 | -0,011 | 1,083 | 0,072 | 0,005 | 0,026 |
| 2013 | 1,02 | 3 | 9 | 81 | 3,06 | 9,19 | | | 1,062 | -0,041 | 0,002 | |
| 2014 | 0,99 | 5 | 25 | 625 | 4,97 | 24,85 | | | 1,041 | -0,047 | 0,002 | |
| 2015 | 1,02 | 7 | 49 | 2401 | 7,13 | 49,93 | | | 1,019 | 0,000 | 0,000 | |
| 2016 | 0,98 | 9 | 81 | 6561 | 8,78 | 79,02 | | | 0,998 | -0,023 | 0,001 | |
| Σ | 10,94 | 0 | 330 | 19338 | -3,50 | 349,15 | | | 10,937 | | 0,066 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|--------|--------|-------|--------|--------------------|-------|---------------------|---------------|--------|--------|--------|-------|-------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 1,122 | -0,082 | 0,007 | | 0,017 | -0,154 | | | | 0,792 | 0,248 | 0,061 | |
| | | | 1,146 | 0,032 | 0,001 | | 0,071 | -0,498 | | | | 0,777 | 0,401 | 0,161 | |
| | | | 1,158 | 0,057 | 0,003 | | 0,085 | -0,423 | | | | 0,762 | 0,453 | 0,205 | |
| | | | 1,159 | 0,130 | 0,017 | | 0,110 | -0,331 | | | | 0,747 | 0,542 | 0,294 | |
| | | | 1,149 | -0,100 | 0,010 | | 0,021 | -0,021 | | | | 0,733 | 0,316 | 0,100 | |
| 1,140 | -0,011 | -0,001 | 1,128 | 0,028 | 0,001 | 0,022 | 0,063 | 0,063 | -0,139 | -0,004 | -0,143 | 0,719 | 0,437 | 0,191 | 0,119 |
| | | | 1,095 | -0,074 | 0,005 | | 0,009 | 0,027 | | | | 0,705 | 0,316 | 0,100 | |
| | | | 1,052 | -0,058 | 0,003 | | -0,003 | -0,013 | | | | 0,692 | 0,302 | 0,091 | |
| | | | 0,997 | 0,022 | 0,000 | | 0,008 | 0,057 | | | | 0,678 | 0,341 | 0,116 | |
| | | | 0,931 | 0,044 | 0,002 | | -0,011 | -0,097 | | | | 0,665 | 0,310 | 0,096 | |
| | | | | | 0,050 | | 0,371 | -1,390 | | | | | | 1,415 | |

Lampiran 13. Penentuan RMSE Metode Peramalan di Kecamatan Panjatan tahun 2017-2020

| Kecamatan Panjatan | | | | | | | Metode garis lurus | | | | | |
|--------------------|-----------------------|----------|----------------|----------------|-------------|------------------|--------------------|-------|---------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 1,12 | -9 | 81 | 6561 | -10,11 | 90,99 | | | 1,741 | -0,617 | 0,381 | |
| 2008 | 2,08 | -7 | 49 | 2401 | -14,58 | 102,09 | | | 1,788 | 0,295 | 0,087 | |
| 2009 | 2,18 | -5 | 25 | 625 | -10,90 | 54,50 | | | 1,836 | 0,344 | 0,118 | |
| 2010 | 1,66 | -3 | 9 | 81 | -4,98 | 14,94 | | | 1,884 | -0,223 | 0,050 | |
| 2011 | 1,97 | -1 | 1 | 1 | -1,97 | 1,97 | | | 1,931 | 0,041 | 0,002 | |
| 2012 | 2,38 | 1 | 1 | 1 | 2,38 | 2,38 | 1,955 | 0,024 | 1,979 | 0,404 | 0,164 | 0,110 |
| 2013 | 2,14 | 3 | 9 | 81 | 6,41 | 19,24 | | | 2,027 | 0,111 | 0,012 | |
| 2014 | 1,90 | 5 | 25 | 625 | 9,48 | 47,38 | | | 2,074 | -0,179 | 0,032 | |
| 2015 | 2,45 | 7 | 49 | 2401 | 17,17 | 120,17 | | | 2,122 | 0,330 | 0,109 | |
| 2016 | 1,66 | 9 | 81 | 6561 | 14,98 | 134,79 | | | 2,170 | -0,506 | 0,256 | |
| Σ | 19,55 | 0 | 330 | 19338 | 7,87 | 588,45 | | | 19,552 | | 1,211 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|-------|--------|-------|--------|--------------------|-------|---------------------|--------------|-------|-------|-------|-------|--------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 1,418 | -0,295 | 0,087 | | 0,051 | -0,455 | | | 0,156 | 1,431 | -0,307 | 0,094 | |
| | | | 1,681 | 0,403 | 0,162 | | 0,319 | -2,231 | | | 0,169 | 1,474 | 0,609 | 0,371 | |
| | | | 1,890 | 0,290 | 0,084 | | 0,338 | -1,692 | | | 0,181 | 1,519 | 0,661 | 0,437 | |
| | | | 2,045 | -0,385 | 0,148 | | 0,220 | -0,661 | | | 0,194 | 1,565 | 0,096 | 0,009 | |
| | | | 2,146 | -0,174 | 0,030 | | 0,295 | -0,295 | | | 0,207 | 1,612 | 0,360 | 0,130 | |
| 2,177 | 0,024 | -0,007 | 2,194 | 0,190 | 0,036 | 0,091 | 0,377 | 0,377 | 0,214 | 0,006 | 0,220 | 1,661 | 0,723 | 0,522 | 0,149 |
| | | | 2,188 | -0,050 | 0,003 | | 0,330 | 0,990 | | | 0,233 | 1,711 | 0,426 | 0,182 | |
| | | | 2,128 | -0,233 | 0,054 | | 0,278 | 1,388 | | | 0,246 | 1,763 | 0,132 | 0,017 | |
| | | | 2,015 | 0,438 | 0,192 | | 0,390 | 2,727 | | | 0,259 | 1,817 | 0,636 | 0,404 | |
| | | | 1,847 | -0,183 | 0,034 | | 0,221 | 1,990 | | | 0,272 | 1,872 | -0,208 | 0,043 | |
| | | | | | 0,830 | | 2,818 | 2,139 | | | | | | 2,210 | |

Lampiran 14. Penentuan RMSE Metode Peramalan di Kecamatan Galur tahun 2017-2020

| Kecamatan Galur | | | | | | | Metode garis lurus | | | | | |
|-----------------|-----------------------|----------|----------------|----------------|--------------|------------------|--------------------|--------|---------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 2,31 | -9 | 81 | 6561 | -20,79 | 187,13 | | | 2,766 | -0,455 | 0,207 | |
| 2008 | 2,95 | -7 | 49 | 2401 | -20,67 | 144,68 | | | 2,756 | 0,197 | 0,039 | |
| 2009 | 2,90 | -5 | 25 | 625 | -14,49 | 72,45 | | | 2,747 | 0,151 | 0,023 | |
| 2010 | 3,13 | -3 | 9 | 81 | -9,40 | 28,19 | | | 2,737 | 0,395 | 0,156 | |
| 2011 | 2,31 | -1 | 1 | 1 | -2,31 | 2,31 | | | 2,728 | -0,413 | 0,170 | |
| 2012 | 2,99 | 1 | 1 | 1 | 2,99 | 2,99 | 2,723 | -0,005 | 2,718 | 0,270 | 0,073 | 0,086 |
| 2013 | 2,72 | 3 | 9 | 81 | 8,16 | 24,47 | | | 2,709 | 0,010 | 0,000 | |
| 2014 | 2,66 | 5 | 25 | 625 | 13,30 | 66,50 | | | 2,700 | -0,040 | 0,002 | |
| 2015 | 2,82 | 7 | 49 | 2401 | 19,74 | 138,20 | | | 2,690 | 0,130 | 0,017 | |
| 2016 | 2,44 | 9 | 81 | 6561 | 21,92 | 197,25 | | | 2,681 | -0,246 | 0,060 | |
| Σ | 27,23 | 0 | 330 | 19338 | -1,56 | 864,17 | | | 27,231 | | 0,747 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|--------|--------|-------|--------|--------------------|-------|---------------------|---------------|--------|--------|--------|-------|-------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 2,570 | -0,260 | 0,067 | | 0,364 | -3,273 | | | -0,014 | 0,968 | 1,342 | 1,801 | |
| | | | 2,691 | 0,262 | 0,069 | | 0,470 | -3,292 | | | -0,015 | 0,966 | 1,987 | 3,948 | |
| | | | 2,779 | 0,119 | 0,014 | | 0,462 | -2,310 | | | -0,016 | 0,963 | 1,935 | 3,744 | |
| | | | 2,835 | 0,297 | 0,088 | | 0,496 | -1,487 | | | -0,018 | 0,960 | 2,171 | 4,715 | |
| | | | 2,858 | -0,543 | 0,295 | | 0,365 | -0,365 | | | -0,019 | 0,958 | 1,357 | 1,841 | |
| 2,858 | -0,005 | -0,004 | 2,849 | 0,140 | 0,020 | 0,078 | 0,475 | 0,475 | -0,019 | -0,001 | -0,020 | 0,955 | 2,033 | 4,135 | 0,565 |
| | | | 2,807 | -0,088 | 0,008 | | 0,434 | 1,303 | | | -0,021 | 0,953 | 1,766 | 3,120 | |
| | | | 2,732 | -0,072 | 0,005 | | 0,425 | 2,124 | | | -0,022 | 0,950 | 1,710 | 2,923 | |
| | | | 2,625 | 0,196 | 0,038 | | 0,450 | 3,152 | | | -0,023 | 0,948 | 1,873 | 3,508 | |
| | | | 2,485 | -0,050 | 0,002 | | 0,387 | 3,479 | | | -0,025 | 0,945 | 1,490 | 2,220 | |
| | | | | | 0,607 | | 4,328 | -0,193 | | | | | | 31,955 | |

Lampiran 15. Penentuan RMSE Metode Peramalan di Kecamatan Lendah tahun 2017-2020

| Kecamatan Lendah | | | | | | | Metode garis lurus | | | | | |
|------------------|-----------------------|----------|----------------|----------------|---------------|------------------|--------------------|--------|---------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 1,12 | -9 | 81 | 6561 | -10,114 | 91,029 | | | 1,161 | -0,037 | 0,001 | |
| 2008 | 1,07 | -7 | 49 | 2401 | -7,473 | 52,312 | | | 1,154 | -0,086 | 0,007 | |
| 2009 | 1,32 | -5 | 25 | 625 | -6,623 | 33,116 | | | 1,146 | 0,178 | 0,032 | |
| 2010 | 1,09 | -3 | 9 | 81 | -3,259 | 9,776 | | | 1,139 | -0,053 | 0,003 | |
| 2011 | 1,07 | -1 | 1 | 1 | -1,073 | 1,073 | | | 1,132 | -0,059 | 0,003 | |
| 2012 | 1,22 | 1 | 1 | 1 | 1,219 | 1,219 | 1,128 | -0,004 | 1,125 | 0,095 | 0,009 | 0,025 |
| 2013 | 1,13 | 3 | 9 | 81 | 3,375 | 10,126 | | | 1,117 | 0,008 | 0,000 | |
| 2014 | 1,08 | 5 | 25 | 625 | 5,419 | 27,096 | | | 1,110 | -0,026 | 0,001 | |
| 2015 | 1,14 | 7 | 49 | 2401 | 7,988 | 55,915 | | | 1,103 | 0,039 | 0,001 | |
| 2016 | 1,04 | 9 | 81 | 6561 | 9,331 | 83,980 | | | 1,095 | -0,058 | 0,003 | |
| Σ | 11,28 | 0 | 330 | 19338 | -1,209 | 365,641 | | | 11,282 | | 0,061 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|--------|--------|-------|--------|--------------------|-------|---------------------|---------------|--------|--------|--------|-------|-------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 1,123 | 0,000 | 0,000 | | 0,051 | -0,456 | | | -0,032 | 0,928 | 0,196 | 0,038 | |
| | | | 1,141 | -0,074 | 0,005 | | 0,028 | -0,199 | | | -0,035 | 0,922 | 0,145 | 0,021 | |
| | | | 1,153 | 0,172 | 0,030 | | 0,122 | -0,610 | | | -0,038 | 0,916 | 0,408 | 0,167 | |
| | | | 1,158 | -0,072 | 0,005 | | 0,036 | -0,108 | | | -0,041 | 0,911 | 0,175 | 0,031 | |
| | | | 1,157 | -0,084 | 0,007 | | 0,031 | -0,031 | | | -0,043 | 0,905 | 0,168 | 0,028 | |
| 1,154 | -0,004 | -0,001 | 1,150 | 0,070 | 0,005 | 0,024 | 0,086 | 0,086 | -0,045 | -0,001 | -0,046 | 0,899 | 0,320 | 0,102 | 0,076 |
| | | | 1,136 | -0,011 | 0,000 | | 0,051 | 0,154 | | | -0,049 | 0,894 | 0,231 | 0,053 | |
| | | | 1,116 | -0,032 | 0,001 | | 0,035 | 0,175 | | | -0,051 | 0,888 | 0,196 | 0,038 | |
| | | | 1,090 | 0,051 | 0,003 | | 0,057 | 0,401 | | | -0,054 | 0,883 | 0,258 | 0,067 | |
| | | | 1,057 | -0,021 | 0,000 | | 0,016 | 0,141 | | | -0,057 | 0,877 | 0,160 | 0,025 | |
| | | | | | 0,056 | | 0,513 | -0,447 | | | | | | 0,572 | |

Lampiran 16. Penentuan RMSE Metode Peramalan di Kecamatan Sentolo tahun 2017-2020

| Kecamatan Sentolo | | | | | | | Metode garis lurus | | | | | |
|-------------------|-----------------------|----------|----------------|----------------|--------------|------------------|--------------------|--------|---------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 1,66 | -9 | 81 | 6561 | -14,96 | 134,60 | | | 1,784 | -0,123 | 0,015 | |
| 2008 | 1,85 | -7 | 49 | 2401 | -12,93 | 90,54 | | | 1,757 | 0,091 | 0,008 | |
| 2009 | 1,93 | -5 | 25 | 625 | -9,65 | 48,26 | | | 1,730 | 0,201 | 0,040 | |
| 2010 | 1,29 | -3 | 9 | 81 | -3,86 | 11,59 | | | 1,703 | -0,415 | 0,172 | |
| 2011 | 1,84 | -1 | 1 | 1 | -1,84 | 1,84 | | | 1,676 | 0,164 | 0,027 | |
| 2012 | 1,84 | 1 | 1 | 1 | 1,84 | 1,84 | 1,662 | -0,014 | 1,649 | 0,196 | 0,038 | 0,056 |
| 2013 | 1,61 | 3 | 9 | 81 | 4,83 | 14,50 | | | 1,621 | -0,011 | 0,000 | |
| 2014 | 1,59 | 5 | 25 | 625 | 7,93 | 39,63 | | | 1,594 | -0,009 | 0,000 | |
| 2015 | 1,48 | 7 | 49 | 2401 | 10,34 | 72,40 | | | 1,567 | -0,089 | 0,008 | |
| 2016 | 1,54 | 9 | 81 | 6561 | 13,82 | 124,39 | | | 1,540 | -0,004 | 0,000 | |
| Σ | 16,62 | 0 | 330 | 19338 | -4,48 | 539,59 | | | 16,621 | | 0,309 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|--------|--------|-------|--------|--------------------|-------|---------------------|---------------|--------|--------|--------|-------|-------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 1,734 | -0,072 | 0,005 | | 0,221 | -1,985 | | | -0,082 | 0,829 | 0,833 | 0,694 | |
| | | | 1,740 | 0,108 | 0,012 | | 0,267 | -1,867 | | | -0,088 | 0,816 | 1,032 | 1,065 | |
| | | | 1,738 | 0,192 | 0,037 | | 0,286 | -1,428 | | | -0,095 | 0,803 | 1,127 | 1,271 | |
| | | | 1,728 | -0,440 | 0,194 | | 0,110 | -0,329 | | | -0,102 | 0,790 | 0,497 | 0,247 | |
| | | | 1,709 | 0,131 | 0,017 | | 0,265 | -0,265 | | | -0,109 | 0,778 | 1,062 | 1,128 | |
| 1,697 | -0,014 | -0,001 | 1,682 | 0,162 | 0,026 | 0,055 | 0,266 | 0,266 | -0,112 | -0,003 | -0,116 | 0,766 | 1,078 | 1,162 | 0,287 |
| | | | 1,647 | -0,036 | 0,001 | | 0,207 | 0,621 | | | -0,123 | 0,754 | 0,856 | 0,734 | |
| | | | 1,603 | -0,017 | 0,000 | | 0,200 | 1,000 | | | -0,129 | 0,742 | 0,843 | 0,710 | |
| | | | 1,550 | -0,073 | 0,005 | | 0,170 | 1,187 | | | -0,136 | 0,731 | 0,747 | 0,558 | |
| | | | 1,489 | 0,046 | 0,002 | | 0,186 | 1,677 | | | -0,143 | 0,720 | 0,816 | 0,666 | |
| | | | | | 0,300 | | 2,176 | -1,123 | | | | | | 8,235 | |

Lampiran 17. Penentuan RMSE Metode Peramalan di Kecamatan Pengasih tahun 2017-2020

| Kecamatan Pengasih | | | | | | | Metode garis lurus | | | | | |
|--------------------|-----------------------|----------|----------------|----------------|--------------|------------------|--------------------|--------|--------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 0,85 | -9 | 81 | 6561 | -7,67 | 69,02 | | | 0,946 | -0,094 | 0,009 | |
| 2008 | 0,94 | -7 | 49 | 2401 | -6,60 | 46,23 | | | 0,945 | -0,001 | 0,000 | |
| 2009 | 0,98 | -5 | 25 | 625 | -4,92 | 24,59 | | | 0,944 | 0,040 | 0,002 | |
| 2010 | 0,86 | -3 | 9 | 81 | -2,58 | 7,74 | | | 0,943 | -0,082 | 0,007 | |
| 2011 | 1,00 | -1 | 1 | 1 | -1,00 | 1,00 | | | 0,942 | 0,054 | 0,003 | |
| 2012 | 1,12 | 1 | 1 | 1 | 1,12 | 1,12 | 0,941 | -0,001 | 0,941 | 0,178 | 0,032 | 0,026 |
| 2013 | 1,00 | 3 | 9 | 81 | 3,01 | 9,02 | | | 0,940 | 0,063 | 0,004 | |
| 2014 | 0,92 | 5 | 25 | 625 | 4,58 | 22,89 | | | 0,939 | -0,023 | 0,001 | |
| 2015 | 0,88 | 7 | 49 | 2401 | 6,17 | 43,20 | | | 0,938 | -0,056 | 0,003 | |
| 2016 | 0,86 | 9 | 81 | 6561 | 7,72 | 69,51 | | | 0,937 | -0,078 | 0,006 | |
| Σ | 9,41 | 0 | 330 | 19338 | -0,17 | 294,33 | | | 9,412 | | 0,065 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|--------|--------|-------|--------|--------------------|-------|---------------------|---------------|---------|---------|--------|-------|--------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 0,853 | -0,001 | 0,000 | | -0,070 | 0,626 | | | -0,006 | 0,986 | -0,134 | 0,018 | |
| | | | 0,914 | 0,030 | 0,001 | | -0,025 | 0,177 | | | -0,007 | 0,985 | -0,041 | 0,002 | |
| | | | 0,959 | 0,024 | 0,001 | | -0,007 | 0,036 | | | -0,007 | 0,984 | 0,000 | 0,000 | |
| | | | 0,989 | -0,129 | 0,017 | | -0,065 | 0,196 | | | -0,008 | 0,982 | -0,122 | 0,015 | |
| | | | 1,003 | -0,007 | 0,000 | | -0,002 | 0,002 | | | -0,008 | 0,981 | 0,015 | 0,000 | |
| 1,005 | -0,001 | -0,002 | 1,002 | 0,116 | 0,013 | 0,018 | 0,049 | 0,049 | -0,0085 | -0,0003 | -0,009 | 0,980 | 0,138 | 0,019 | 0,028 |
| | | | 0,986 | 0,017 | 0,000 | | 0,001 | 0,003 | | | -0,009 | 0,979 | 0,024 | 0,001 | |
| | | | 0,954 | -0,038 | 0,001 | | -0,038 | -0,192 | | | -0,010 | 0,978 | -0,062 | 0,004 | |
| | | | 0,907 | -0,025 | 0,001 | | -0,055 | -0,383 | | | -0,010 | 0,977 | -0,095 | 0,009 | |
| | | | 0,844 | 0,014 | 0,000 | | -0,066 | -0,598 | | | -0,011 | 0,975 | -0,117 | 0,014 | |
| | | | | | 0,034 | | -0,279 | -0,085 | | | | | | 0,081 | |

Lampiran 18. Penentuan RMSE Metode Peramalan di Kecamatan Kokap tahun 2017-2020

| Kecamatan Kokap | | | | | | | Metode garis lurus | | | | | |
|-----------------|-----------------------|----------|----------------|----------------|-------------|------------------|--------------------|-------|--------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 0,09 | -9 | 81 | 6561 | -0,77 | 6,94 | | | 0,121 | -0,035 | 0,001 | |
| 2008 | 0,13 | -7 | 49 | 2401 | -0,92 | 6,47 | | | 0,126 | 0,006 | 0,000 | |
| 2009 | 0,13 | -5 | 25 | 625 | -0,64 | 3,21 | | | 0,131 | -0,003 | 0,000 | |
| 2010 | 0,16 | -3 | 9 | 81 | -0,48 | 1,43 | | | 0,136 | 0,023 | 0,001 | |
| 2011 | 0,15 | -1 | 1 | 1 | -0,15 | 0,15 | | | 0,141 | 0,013 | 0,000 | |
| 2012 | 0,17 | 1 | 1 | 1 | 0,17 | 0,17 | 0,144 | 0,003 | 0,147 | 0,023 | 0,001 | 0,006 |
| 2013 | 0,15 | 3 | 9 | 81 | 0,44 | 1,33 | | | 0,152 | -0,004 | 0,000 | |
| 2014 | 0,16 | 5 | 25 | 625 | 0,82 | 4,08 | | | 0,157 | 0,006 | 0,000 | |
| 2015 | 0,15 | 7 | 49 | 2401 | 1,06 | 7,40 | | | 0,162 | -0,011 | 0,000 | |
| 2016 | 0,15 | 9 | 81 | 6561 | 1,34 | 12,04 | | | 0,167 | -0,019 | 0,000 | |
| Σ | 1,44 | 0 | 330 | 19338 | 0,86 | 43,22 | | | 1,440 | | 0,003 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|-------|--------|-------|--------|--------------------|-------|---------------------|--------------|-------|-------|-------|-------|--------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 0,096 | -0,011 | 0,000 | | -1,067 | 9,606 | | | 0,220 | 1,661 | -1,575 | 2,481 | |
| | | | 0,118 | 0,014 | 0,000 | | -0,879 | 6,156 | | | 0,239 | 1,733 | -1,601 | 2,562 | |
| | | | 0,135 | -0,007 | 0,000 | | -0,892 | 4,460 | | | 0,257 | 1,807 | -1,679 | 2,820 | |
| | | | 0,148 | 0,011 | 0,000 | | -0,798 | 2,394 | | | 0,275 | 1,886 | -1,726 | 2,980 | |
| | | | 0,158 | -0,003 | 0,000 | | -0,810 | 0,810 | | | 0,294 | 1,967 | -1,812 | 3,284 | |
| 0,161 | 0,003 | -0,001 | 0,163 | 0,007 | 0,000 | 0,003 | -0,771 | -0,771 | 0,303 | 0,009 | 0,312 | 2,052 | -1,882 | 3,544 | 0,599 |
| | | | 0,164 | -0,016 | 0,000 | | -0,831 | -2,493 | | | 0,331 | 2,141 | -1,993 | 3,972 | |
| | | | 0,161 | 0,002 | 0,000 | | -0,787 | -3,934 | | | 0,349 | 2,233 | -2,070 | 4,283 | |
| | | | 0,154 | -0,003 | 0,000 | | -0,821 | -5,747 | | | 0,367 | 2,329 | -2,178 | 4,745 | |
| | | | 0,143 | 0,006 | 0,000 | | -0,828 | -7,451 | | | 0,386 | 2,430 | -2,281 | 5,205 | |
| | | | | | 0,001 | | -8,484 | 3,030 | | | | | | 35,875 | |

Lampiran 19. Penentuan RMSE Metode Peramalan di Kecamatan Girimulyo tahun 2017-2020

| Kecamatan Girimulyo | | | | | | | Metode garis lurus | | | | | |
|---------------------|-----------------------|----------|----------------|----------------|-------------|------------------|--------------------|-------|---------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 1,06 | -9 | 81 | 6561 | -9,57 | 86,13 | | | 1,091 | -0,028 | 0,001 | |
| 2008 | 0,93 | -7 | 49 | 2401 | -6,50 | 45,47 | | | 1,125 | -0,197 | 0,039 | |
| 2009 | 0,95 | -5 | 25 | 625 | -4,73 | 23,67 | | | 1,159 | -0,212 | 0,045 | |
| 2010 | 1,43 | -3 | 9 | 81 | -4,29 | 12,88 | | | 1,193 | 0,238 | 0,057 | |
| 2011 | 1,64 | -1 | 1 | 1 | -1,64 | 1,64 | | | 1,227 | 0,408 | 0,167 | |
| 2012 | 1,54 | 1 | 1 | 1 | 1,54 | 1,54 | 1,244 | 0,017 | 1,261 | 0,277 | 0,077 | 0,075 |
| 2013 | 0,99 | 3 | 9 | 81 | 2,97 | 8,91 | | | 1,295 | -0,305 | 0,093 | |
| 2014 | 1,08 | 5 | 25 | 625 | 5,41 | 27,07 | | | 1,329 | -0,246 | 0,061 | |
| 2015 | 1,51 | 7 | 49 | 2401 | 10,55 | 73,82 | | | 1,363 | 0,144 | 0,021 | |
| 2016 | 1,32 | 9 | 81 | 6561 | 11,86 | 106,73 | | | 1,397 | -0,079 | 0,006 | |
| Σ | 12,44 | 0 | 330 | 19338 | 5,60 | 387,85 | | | 12,440 | | 0,565 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|-------|--------|-------|--------|--------------------|-------|---------------------|--------------|-------|-------|-------|-------|--------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 0,963 | 0,101 | 0,010 | | 0,027 | -0,240 | | | 0,152 | 1,421 | -0,357 | 0,128 | |
| | | | 1,082 | -0,154 | 0,024 | | -0,033 | 0,228 | | | 0,165 | 1,463 | -0,535 | 0,286 | |
| | | | 1,181 | -0,234 | 0,055 | | -0,024 | 0,118 | | | 0,178 | 1,506 | -0,559 | 0,313 | |
| | | | 1,257 | 0,174 | 0,030 | | 0,156 | -0,467 | | | 0,191 | 1,551 | -0,120 | 0,014 | |
| | | | 1,313 | 0,322 | 0,104 | | 0,214 | -0,214 | | | 0,203 | 1,597 | 0,038 | 0,001 | |
| 1,333 | 0,017 | -0,003 | 1,347 | 0,192 | 0,037 | 0,071 | 0,187 | 0,187 | 0,210 | 0,006 | 0,216 | 1,644 | -0,106 | 0,011 | 0,143 |
| | | | 1,359 | -0,369 | 0,136 | | -0,004 | -0,013 | | | 0,229 | 1,693 | -0,703 | 0,494 | |
| | | | 1,350 | -0,268 | 0,072 | | 0,035 | 0,173 | | | 0,241 | 1,743 | -0,661 | 0,437 | |
| | | | 1,320 | 0,187 | 0,035 | | 0,178 | 1,246 | | | 0,254 | 1,795 | -0,289 | 0,083 | |
| | | | 1,268 | 0,050 | 0,002 | | 0,120 | 1,078 | | | 0,267 | 1,848 | -0,531 | 0,282 | |
| | | | | | 0,505 | | 0,855 | 2,096 | | | | | | 2,049 | |

Lampiran 20. Penentuan RMSE Metode Peramalan di Kecamatan Nanggulan tahun 2017-2020

| Kecamatan Nanggulan | | | | | | | Metode garis lurus | | | | | |
|---------------------|-----------------------|----------|----------------|----------------|------------|------------------|--------------------|--------|---------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 4,06 | -9 | 81 | 6561 | -37 | 329 | | | 4,275 | -0,213 | 0,045 | |
| 2008 | 4,23 | -7 | 49 | 2401 | -30 | 207 | | | 4,187 | 0,047 | 0,002 | |
| 2009 | 5,05 | -5 | 25 | 625 | -25 | 126 | | | 4,098 | 0,951 | 0,904 | |
| 2010 | 1,87 | -3 | 9 | 81 | -6 | 17 | | | 4,010 | -2,145 | 4,599 | |
| 2011 | 5,59 | -1 | 1 | 1 | -6 | 6 | | | 3,921 | 1,666 | 2,775 | |
| 2012 | 4,11 | 1 | 1 | 1 | 4 | 4 | 3,877 | -0,044 | 3,833 | 0,274 | 0,075 | 0,307 |
| 2013 | 2,87 | 3 | 9 | 81 | 9 | 26 | | | 3,744 | -0,873 | 0,763 | |
| 2014 | 4,13 | 5 | 25 | 625 | 21 | 103 | | | 3,656 | 0,475 | 0,226 | |
| 2015 | 3,57 | 7 | 49 | 2401 | 25 | 175 | | | 3,567 | -0,002 | 0,000 | |
| 2016 | 3,30 | 9 | 81 | 6561 | 30 | 267 | | | 3,479 | -0,180 | 0,032 | |
| Σ | 38,77 | 0 | 330 | 19338 | -15 | 1260 | | | 38,771 | | 9,422 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|--------|--------|-------|--------|--------------------|-------|---------------------|---------------|--------|--------|--------|-------|-------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 4,166 | -0,104 | 0,011 | | 0,609 | -5,479 | | | -0,098 | 0,799 | 3,263 | 10,649 | |
| | | | 4,150 | 0,084 | 0,007 | | 0,627 | -4,387 | | | -0,106 | 0,784 | 3,450 | 11,904 | |
| | | | 4,116 | 0,933 | 0,870 | | 0,703 | -3,516 | | | -0,114 | 0,769 | 4,280 | 18,318 | |
| | | | 4,064 | -2,199 | 4,836 | | 0,271 | -0,812 | | | -0,122 | 0,755 | 1,110 | 1,233 | |
| | | | 3,994 | 1,593 | 2,538 | | 0,747 | -0,747 | | | -0,130 | 0,741 | 4,846 | 23,486 | |
| 3,952 | -0,044 | -0,002 | 3,906 | 0,201 | 0,040 | 0,306 | 0,613 | 0,613 | -0,134 | -0,004 | -0,138 | 0,727 | 3,379 | 11,421 | 1,042 |
| | | | 3,799 | -0,928 | 0,861 | | 0,458 | 1,374 | | | -0,147 | 0,714 | 2,157 | 4,654 | |
| | | | 3,674 | 0,457 | 0,209 | | 0,616 | 3,080 | | | -0,155 | 0,700 | 3,430 | 11,767 | |
| | | | 3,531 | 0,035 | 0,001 | | 0,552 | 3,865 | | | -0,163 | 0,687 | 2,878 | 8,285 | |
| | | | 3,370 | -0,071 | 0,005 | | 0,518 | 4,665 | | | -0,171 | 0,675 | 2,624 | 6,887 | |
| | | | | | 9,378 | | 5,715 | -1,343 | | | | | | 108,605 | |

Lampiran 21. Penentuan RMSE Metode Peramalan di Kecamatan Kalibawang tahun 2017-2020

| Kecamatan Kalibawang | | | | | | | Metode garis lurus | | | | | |
|----------------------|-----------------------|----------|----------------|----------------|-------------|------------------|--------------------|-------|---------------|--------|--------------------|-------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 1,78 | -9 | 81 | 6561 | -15,99 | 143,91 | | | 1,915 | -0,139 | 0,019 | |
| 2008 | 2,02 | -7 | 49 | 2401 | -14,14 | 99,01 | | | 1,929 | 0,092 | 0,008 | |
| 2009 | 1,73 | -5 | 25 | 625 | -8,66 | 43,30 | | | 1,942 | -0,210 | 0,044 | |
| 2010 | 1,71 | -3 | 9 | 81 | -5,14 | 15,41 | | | 1,955 | -0,243 | 0,059 | |
| 2011 | 2,65 | -1 | 1 | 1 | -2,65 | 2,65 | | | 1,969 | 0,683 | 0,466 | |
| 2012 | 2,26 | 1 | 1 | 1 | 2,26 | 2,26 | 1,975 | 0,007 | 1,982 | 0,274 | 0,075 | 0,101 |
| 2013 | 1,59 | 3 | 9 | 81 | 4,78 | 14,34 | | | 1,995 | -0,402 | 0,162 | |
| 2014 | 1,92 | 5 | 25 | 625 | 9,58 | 47,90 | | | 2,009 | -0,093 | 0,009 | |
| 2015 | 2,34 | 7 | 49 | 2401 | 16,39 | 114,73 | | | 2,022 | 0,319 | 0,102 | |
| 2016 | 1,75 | 9 | 81 | 6561 | 15,78 | 142,04 | | | 2,036 | -0,282 | 0,079 | |
| Σ | 19,75 | 0 | 330 | 19338 | 2,21 | 625,54 | | | 19,753 | | 1,024 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|-------|--------|-------|--------|--------------------|-------|---------------------|--------------|-------|-------|-------|-------|-------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 1,766 | 0,011 | 0,000 | | 0,250 | -2,246 | | | 0,033 | 1,079 | 0,698 | 0,487 | |
| | | | 1,879 | 0,142 | 0,020 | | 0,305 | -2,138 | | | 0,036 | 1,086 | 0,935 | 0,874 | |
| | | | 1,967 | -0,235 | 0,055 | | 0,239 | -1,193 | | | 0,038 | 1,092 | 0,640 | 0,409 | |
| | | | 2,030 | -0,318 | 0,101 | | 0,234 | -0,701 | | | 0,041 | 1,099 | 0,613 | 0,375 | |
| | | | 2,068 | 0,583 | 0,340 | | 0,423 | -0,423 | | | 0,044 | 1,106 | 1,545 | 2,387 | |
| 2,078 | 0,007 | -0,003 | 2,082 | 0,175 | 0,030 | 0,097 | 0,353 | 0,353 | 0,045 | 0,001 | 0,047 | 1,113 | 1,143 | 1,307 | 0,292 |
| | | | 2,070 | -0,477 | 0,227 | | 0,202 | 0,607 | | | 0,049 | 1,120 | 0,473 | 0,224 | |
| | | | 2,034 | -0,118 | 0,014 | | 0,282 | 1,412 | | | 0,052 | 1,127 | 0,788 | 0,622 | |
| | | | 1,972 | 0,369 | 0,136 | | 0,369 | 2,586 | | | 0,055 | 1,135 | 1,207 | 1,456 | |
| | | | 1,886 | -0,132 | 0,018 | | 0,244 | 2,195 | | | 0,058 | 1,142 | 0,612 | 0,374 | |
| | | | | | 0,942 | | 2,902 | 0,452 | | | | | | 8,516 | |

Lampiran 22. Penentuan RMSE Metode Peramalan di Kecamatan Samigaluh tahun 2017-2020

| Kecamatan Samigaluh | | | | | | | Metode garis lurus | | | | | |
|---------------------|-----------------------|----------|----------------|----------------|-------------|------------------|--------------------|-------|---------------|--------|--------------------|--------|
| Tahun | Daya Dukung Lahan (Y) | X | X ² | X ⁴ | XY | X ² Y | a | b | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| 2007 | 1,31 | -9 | 81 | 6561 | -11,75 | 105,75 | | | 1,313 | -0,007 | 0,000 | |
| 2008 | 1,37 | -7 | 49 | 2401 | -9,59 | 67,14 | | | 1,363 | 0,007 | 0,000 | |
| 2009 | 1,25 | -5 | 25 | 625 | -6,23 | 31,16 | | | 1,413 | -0,166 | 0,028 | |
| 2010 | 1,79 | -3 | 9 | 81 | -5,38 | 16,13 | | | 1,463 | 0,330 | 0,109 | |
| 2011 | 1,54 | -1 | 1 | 1 | -1,54 | 1,54 | | | 1,513 | 0,028 | 0,001 | |
| 2012 | 1,49 | 1 | 1 | 1 | 1,49 | 1,49 | 1,538 | 0,025 | 1,563 | -0,075 | 0,006 | 0,0502 |
| 2013 | 1,50 | 3 | 9 | 81 | 4,49 | 13,47 | | | 1,613 | -0,116 | 0,013 | |
| 2014 | 1,61 | 5 | 25 | 625 | 8,03 | 40,17 | | | 1,663 | -0,056 | 0,003 | |
| 2015 | 1,53 | 7 | 49 | 2401 | 10,69 | 74,81 | | | 1,713 | -0,186 | 0,035 | |
| 2016 | 2,00 | 9 | 81 | 6561 | 18,04 | 162,32 | | | 1,763 | 0,241 | 0,058 | |
| Σ | 15,38 | 0 | 330 | 19338 | 8,25 | 513,99 | | | 15,377 | | 0,252 | |

Lanjutan

| Metode Parabolik | | | | | | | Metode eksponensial | | | | | | | | |
|------------------|-------|-------|-------|--------|--------------------|--------|---------------------|--------------|-------|-------|-------|-------|--------|--------------------|-------|
| a | b | c | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE | Log Y | X log Y | log a | log b | log Ŷ | Ŷ | Y-Ŷ | (Y-Ŷ) ² | RMSE |
| | | | 1,350 | -0,044 | 0,002 | | 0,116 | -1,042 | | | 0,168 | 1,471 | -0,166 | 0,027 | |
| | | | 1,375 | -0,005 | 0,000 | | 0,137 | -0,958 | | | 0,182 | 1,519 | -0,149 | 0,022 | |
| | | | 1,407 | -0,160 | 0,026 | | 0,096 | -0,479 | | | 0,196 | 1,569 | -0,322 | 0,104 | |
| | | | 1,444 | 0,348 | 0,121 | | 0,253 | -0,760 | | | 0,210 | 1,620 | 0,172 | 0,030 | |
| | | | 1,488 | 0,052 | 0,003 | | 0,188 | -0,188 | | | 0,224 | 1,673 | -0,133 | 0,018 | |
| 1,512 | 0,025 | 0,001 | 1,538 | -0,050 | 0,003 | 0,0497 | 0,173 | 0,173 | 0,231 | 0,007 | 0,238 | 1,728 | -0,240 | 0,058 | 0,073 |
| | | | 1,594 | -0,097 | 0,009 | | 0,175 | 0,526 | | | 0,252 | 1,784 | -0,288 | 0,083 | |
| | | | 1,656 | -0,050 | 0,002 | | 0,206 | 1,030 | | | 0,265 | 1,843 | -0,236 | 0,056 | |
| | | | 1,725 | -0,198 | 0,039 | | 0,184 | 1,286 | | | 0,279 | 1,903 | -0,376 | 0,142 | |
| | | | 1,800 | 0,204 | 0,042 | | 0,302 | 2,717 | | | 0,293 | 1,965 | 0,039 | 0,001 | |
| | | | | | 0,247 | | 1,829 | 2,306 | | | | | | 0,540 | |

Lampiran 23. Hasil Peramalan Daya Dukung Lahan di Kabupaten Kulon Progo Tahun 2017-2020 dengan Metode Parabolik

| Kecamatan | Tahun | X | a | b | c | Peramalan Daya Dukung Lahan (Y) |
|------------------|--------------|----------|----------|----------|----------|--|
| Temon | 2017 | 11 | | | | 2,341 |
| | 2018 | 13 | 2,861 | -0,004 | -0,004 | 2,143 |
| | 2019 | 15 | | | | 1,914 |
| | 2020 | 17 | | | | 1,653 |
| 2017 | 11 | | | | | |
| Wates | 2018 | 13 | 1,140 | -0,011 | -0,001 | 0,828 |
| | 2019 | 15 | | | | 0,750 |
| | 2020 | 17 | | | | 0,664 |
| | 2017 | 11 | | | | |
| Panjatan | 2018 | 13 | 2,177 | 0,024 | -0,007 | 1,306 |
| | 2019 | 15 | | | | 0,962 |
| | 2020 | 17 | | | | 0,562 |
| | 2017 | 11 | | | | |
| Galur | 2018 | 13 | 2,858 | -0,005 | -0,004 | 2,117 |
| | 2019 | 15 | | | | 1,883 |
| | 2020 | 17 | | | | 1,617 |
| | 2017 | 11 | | | | |
| Lendah | 2018 | 13 | 1,154 | -0,004 | -0,001 | 0,933 |
| | 2019 | 15 | | | | 0,869 |
| | 2020 | 17 | | | | 0,797 |
| | 2017 | 11 | | | | |
| Sentolo | 2018 | 13 | 1,697 | -0,014 | -0,001 | 1,346 |
| | 2019 | 15 | | | | 1,262 |
| | 2020 | 17 | | | | 1,170 |
| | 2017 | 11 | | | | |
| Pengasih | 2018 | 13 | 1,005 | -0,001 | -0,002 | 0,654 |
| | 2019 | 15 | | | | 0,540 |
| | 2020 | 17 | | | | 0,410 |
| | 2017 | 11 | | | | |
| Kokap | 2018 | 13 | 0,161 | 0,003 | -0,001 | 0,031 |
| | 2019 | 15 | | | | -0,019 |

| | | | | | | |
|------------|------|----|-------|--------|--------|--------|
| | 2020 | 17 | | | | -0,077 |
| Girimulyo | 2017 | 11 | | | | 1,157 |
| | 2018 | 13 | 1,333 | 0,017 | -0,003 | 1,047 |
| | 2019 | 15 | | | | 0,913 |
| | 2020 | 17 | | | | 0,755 |
| | 2020 | 17 | | | | 0,755 |
| Nanggulan | 2017 | 11 | | | | 3,226 |
| | 2018 | 13 | 3,952 | -0,044 | -0,002 | 3,042 |
| | 2019 | 15 | | | | 2,842 |
| | 2020 | 17 | | | | 2,626 |
| | 2020 | 17 | | | | 2,626 |
| Kalibawang | 2017 | 11 | | | | 1,792 |
| | 2018 | 13 | 2,078 | 0,007 | -0,003 | 1,662 |
| | 2019 | 15 | | | | 1,508 |
| | 2020 | 17 | | | | 1,330 |
| | 2020 | 17 | | | | 1,330 |
| Samigaluh | 2017 | 11 | | | | 1,908 |
| | 2018 | 13 | 1,512 | 0,025 | 0,001 | 2,006 |
| | 2019 | 15 | | | | 2,112 |
| | 2020 | 17 | | | | 2,226 |
| | 2020 | 17 | | | | 2,226 |