# CNN-64 MODEL REPORT

CLASSIFICATION ACCURACY ASSESSMENT REPORT  
-----------------------------------------  
Image File : /content/drive/My Drive/Accuracy\_assessment/cnn64\_them.img  
User Name : root  
Date : Tue Jul 08 06:50:11 2025  
  
  
  
ERROR MATRIX  
------------  
 Reference Data  
 --------------  
Classified Data  
---------------  
 Water Agriculture & Vegetation Settlement Mining Barren Land Forest  
Water 87 39 5 1 7 3  
Agriculture & Vegetation 17 160 36 3 15 24  
Settlement 5 37 36 5 6 4  
Mining 6 0 20 61 32 1  
Barren Land 5 8 6 12 30 2  
Forest 4 37 25 2 7 152  
  
 Water Agriculture & Vegetation Settlement Mining Barren Land Forest  
Row Total 142 255 93 120 63 227  
Column Total 124 281 128 84 97 186  
  
  
 ----- End of Error Matrix -----  
  
  
ACCURACY TOTALS  
----------------  
 Class Name Reference Totals Classified Totals Number Correct Producers Accuracy Users Accuracy  
 Water 124 142 87 70.16% 61.27%  
Agriculture & Vegetation 281 255 160 56.94% 62.75%  
 Settlement 128 93 36 28.12% 38.71%  
 Mining 84 120 61 72.62% 50.83%  
 Barren Land 97 63 30 30.93% 47.62%  
 Forest 186 227 152 81.72% 66.96%  
  
  
Overall Classification Accuracy = 58.44%  
  
  
 ----- End of Accuracy Totals -----  
  
  
KAPPA (K^) STATISTICS  
---------------------  
Overall Kappa Statistics = 0.4825  
  
Conditional Kappa for each Category.  
------------------------------------  
 Class Name Kappa  
 Water 0.6457  
Agriculture & Vegetation 0.3992  
 Settlement 0.1984  
 Mining 0.6841  
 Barren Land 0.2573  
 Forest 0.7555  
  
  
 ----- End of Kappa Statistics -----

# CNN-10 MODEL REPORT

CLASSIFICATION ACCURACY ASSESSMENT REPORT  
-----------------------------------------  
Image File : /content/drive/My Drive/Accuracy\_assessment/cnn10\_them.img  
User Name : root  
Date : Tue Jul 08 06:50:11 2025  
  
  
  
ERROR MATRIX  
------------  
 Reference Data  
 --------------  
Classified Data  
---------------  
 Water Agriculture & Vegetation Settlement Mining Barren Land Forest  
Water 126 4 2 4 6 0  
Agriculture & Vegetation 17 112 56 6 60 4  
Settlement 0 14 63 2 12 2  
Mining 0 0 0 119 0 1  
Barren Land 2 2 5 19 35 0  
Forest 5 18 24 0 37 143  
  
 Water Agriculture & Vegetation Settlement Mining Barren Land Forest  
Row Total 142 255 93 120 63 227  
Column Total 150 150 150 150 150 150  
  
  
 ----- End of Error Matrix -----  
  
  
ACCURACY TOTALS  
----------------  
 Class Name Reference Totals Classified Totals Number Correct Producers Accuracy Users Accuracy  
 Water 150 142 126 84.00% 88.73%  
Agriculture & Vegetation 150 255 112 74.67% 43.92%  
 Settlement 150 93 63 42.00% 67.74%  
 Mining 150 120 119 79.33% 99.17%  
 Barren Land 150 63 35 23.33% 55.56%  
 Forest 150 227 143 95.33% 63.00%  
  
  
Overall Classification Accuracy = 66.44%  
  
  
 ----- End of Accuracy Totals -----  
  
  
KAPPA (K^) STATISTICS  
---------------------  
Overall Kappa Statistics = 0.5973  
  
Conditional Kappa for each Category.  
------------------------------------  
 Class Name Kappa  
 Water 0.8100  
Agriculture & Vegetation 0.6465  
 Settlement 0.3532  
 Mining 0.7615  
 Barren Land 0.1756  
 Forest 0.9376  
  
  
 ----- End of Kappa Statistics -----

# RANDOM FOREST MODEL REPORT

CLASSIFICATION ACCURACY ASSESSMENT REPORT  
-----------------------------------------  
Image File : /content/drive/My Drive/Accuracy\_assessment/rf\_them.img  
User Name : root  
Date : Tue Jul 08 06:50:11 2025  
  
  
  
ERROR MATRIX  
------------  
 Reference Data  
 --------------  
Classified Data  
---------------  
 Water Agriculture & Vegetation Settlement Mining Barren Land Forest  
Water 83 14 14 8 20 3  
Agriculture & Vegetation 3 179 41 1 19 12  
Settlement 0 48 30 0 15 0  
Mining 4 0 16 69 30 1  
Barren Land 2 8 4 9 40 0  
Forest 0 66 31 0 15 115  
  
 Water Agriculture & Vegetation Settlement Mining Barren Land Forest  
Row Total 142 255 93 120 63 227  
Column Total 92 315 136 87 139 131  
  
  
 ----- End of Error Matrix -----  
  
  
ACCURACY TOTALS  
----------------  
 Class Name Reference Totals Classified Totals Number Correct Producers Accuracy Users Accuracy  
 Water 92 142 83 90.22% 58.45%  
Agriculture & Vegetation 315 255 179 56.83% 70.20%  
 Settlement 136 93 30 22.06% 32.26%  
 Mining 87 120 69 79.31% 57.50%  
 Barren Land 139 63 40 28.78% 63.49%  
 Forest 131 227 115 87.79% 50.66%  
  
  
Overall Classification Accuracy = 57.33%  
  
  
 ----- End of Accuracy Totals -----  
  
  
KAPPA (K^) STATISTICS  
---------------------  
Overall Kappa Statistics = 0.4724  
  
Conditional Kappa for each Category.  
------------------------------------  
 Class Name Kappa  
 Water 0.8838  
Agriculture & Vegetation 0.3976  
 Settlement 0.1308  
 Mining 0.7613  
 Barren Land 0.2342  
 Forest 0.8367  
  
  
 ----- End of Kappa Statistics -----

# Raw Reference Data

The raw data collected during the interactive session.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ref\_x | ref\_y | reference\_class | cnn64\_class | cnn10\_class | rf\_class |
| 9697 | 7890 | 1 | 1 | 1 | 5 |
| 4593 | 4606 | 6 | 6 | 5 | 2 |
| 7290 | 2536 | 6 | 6 | 6 | 6 |
| 7596 | 8852 | 2 | 2 | 5 | 2 |
| 6324 | 160 | 2 | 2 | 2 | 2 |
| 5564 | 5313 | 6 | 6 | 5 | 2 |
| 8363 | 3004 | 6 | 6 | 6 | 2 |
| 7847 | 6970 | 2 | 3 | 3 | 2 |
| 8628 | 5846 | 5 | 4 | 5 | 5 |
| 6394 | 546 | 2 | 2 | 2 | 2 |
| 7601 | 4283 | 2 | 6 | 2 | 3 |
| 8897 | 7063 | 2 | 2 | 5 | 2 |
| 8579 | 5842 | 4 | 4 | 4 | 3 |
| 9591 | 5678 | 6 | 5 | 5 | 3 |
| 9157 | 6175 | 4 | 5 | 4 | 4 |
| 8947 | 6041 | 4 | 5 | 4 | 5 |
| 7074 | 2961 | 6 | 6 | 6 | 6 |
| 7506 | 6003 | 2 | 6 | 3 | 3 |
| 6855 | 7367 | 2 | 2 | 6 | 2 |
| 8914 | 5850 | 4 | 5 | 4 | 5 |
| 7660 | 6122 | 5 | 5 | 5 | 5 |
| 6991 | 6348 | 2 | 2 | 3 | 2 |
| 6781 | 5778 | 3 | 3 | 3 | 3 |
| 5938 | 1557 | 6 | 5 | 6 | 6 |
| 8315 | 4567 | 6 | 6 | 6 | 6 |
| 1086 | 5313 | 6 | 6 | 6 | 6 |
| 5014 | 6453 | 2 | 2 | 4 | 3 |
| 7962 | 3528 | 2 | 2 | 2 | 2 |
| 7069 | 9415 | 2 | 6 | 2 | 2 |
| 9630 | 4049 | 1 | 2 | 1 | 2 |
| 6364 | 6123 | 1 | 1 | 1 | 1 |
| 8425 | 8658 | 2 | 2 | 3 | 3 |
| 8438 | 7966 | 4 | 4 | 4 | 4 |
| 6860 | 8333 | 2 | 2 | 2 | 2 |
| 9465 | 5516 | 5 | 4 | 5 | 5 |
| 7679 | 6408 | 4 | 4 | 4 | 4 |
| 4723 | 5489 | 6 | 6 | 3 | 2 |
| 3480 | 3565 | 2 | 1 | 1 | 2 |
| 4961 | 8591 | 2 | 3 | 3 | 3 |
| 8004 | 8845 | 2 | 2 | 6 | 6 |
| 8795 | 8175 | 5 | 2 | 5 | 2 |
| 5077 | 8598 | 5 | 5 | 4 | 5 |
| 1304 | 6947 | 2 | 2 | 5 | 2 |
| 8477 | 5878 | 2 | 3 | 5 | 3 |
| 9001 | 5963 | 4 | 4 | 4 | 4 |
| 5933 | 8596 | 6 | 6 | 6 | 6 |
| 4000 | 8256 | 6 | 2 | 6 | 2 |
| 5733 | 7340 | 6 | 6 | 6 | 6 |
| 7737 | 6146 | 4 | 5 | 4 | 5 |
| 9343 | 7544 | 1 | 1 | 1 | 1 |
| 2204 | 7605 | 2 | 2 | 2 | 2 |
| 9369 | 5557 | 4 | 5 | 4 | 5 |
| 4895 | 4771 | 1 | 2 | 2 | 5 |
| 8888 | 6131 | 4 | 4 | 4 | 4 |
| 6370 | 6821 | 4 | 4 | 4 | 4 |
| 8447 | 6447 | 4 | 3 | 4 | 4 |
| 8988 | 8071 | 2 | 3 | 5 | 2 |
| 6680 | 1855 | 1 | 2 | 1 | 1 |
| 9405 | 6190 | 4 | 4 | 4 | 4 |
| 9030 | 8619 | 1 | 2 | 2 | 3 |
| 8892 | 8090 | 1 | 1 | 1 | 1 |
| 3257 | 5520 | 2 | 2 | 2 | 2 |
| 8683 | 2660 | 6 | 6 | 6 | 6 |
| 4984 | 4380 | 2 | 2 | 2 | 2 |
| 7981 | 5520 | 4 | 4 | 4 | 4 |
| 8945 | 7741 | 1 | 1 | 1 | 1 |
| 7960 | 5601 | 3 | 3 | 3 | 5 |
| 6281 | 6827 | 5 | 4 | 4 | 4 |
| 3268 | 6622 | 3 | 2 | 2 | 2 |
| 8120 | 1762 | 1 | 2 | 1 | 5 |
| 6187 | 5810 | 2 | 2 | 5 | 6 |
| 5536 | 5723 | 6 | 2 | 5 | 3 |
| 8142 | 8230 | 2 | 2 | 5 | 2 |
| 5295 | 4225 | 2 | 2 | 2 | 2 |
| 8468 | 2530 | 6 | 6 | 6 | 6 |
| 2111 | 5814 | 6 | 6 | 6 | 6 |
| 5122 | 4869 | 3 | 2 | 3 | 5 |
| 5483 | 8464 | 6 | 6 | 6 | 2 |
| 8499 | 5962 | 3 | 4 | 4 | 5 |
| 8647 | 6056 | 5 | 5 | 5 | 5 |
| 5371 | 3710 | 6 | 6 | 6 | 6 |
| 8527 | 6040 | 4 | 4 | 4 | 4 |
| 6342 | 8647 | 6 | 6 | 6 | 6 |
| 9595 | 7567 | 1 | 1 | 1 | 1 |
| 2914 | 4906 | 2 | 3 | 3 | 2 |
| 4230 | 5044 | 1 | 2 | 1 | 4 |
| 8260 | 6248 | 4 | 5 | 4 | 4 |
| 8408 | 2832 | 6 | 6 | 2 | 6 |
| 7417 | 5676 | 3 | 3 | 3 | 3 |
| 4407 | 6394 | 2 | 2 | 2 | 2 |
| 1597 | 4889 | 6 | 1 | 1 | 2 |
| 8960 | 5921 | 5 | 5 | 4 | 4 |
| 7235 | 2105 | 1 | 1 | 1 | 5 |
| 2635 | 4266 | 5 | 2 | 4 | 2 |
| 8889 | 7020 | 2 | 3 | 5 | 2 |
| 4818 | 7271 | 4 | 4 | 4 | 4 |
| 8897 | 7341 | 1 | 1 | 1 | 1 |
| 2044 | 5821 | 6 | 6 | 6 | 5 |
| 9107 | 5676 | 3 | 3 | 3 | 5 |
| 9012 | 7033 | 3 | 5 | 5 | 2 |
| 7658 | 6431 | 3 | 4 | 4 | 3 |
| 8689 | 2473 | 6 | 6 | 6 | 6 |
| 8689 | 5314 | 5 | 2 | 5 | 5 |
| 7401 | 6118 | 6 | 3 | 5 | 5 |
| 9210 | 7703 | 1 | 1 | 1 | 1 |
| 3531 | 5813 | 6 | 2 | 2 | 6 |
| 6621 | 5644 | 2 | 5 | 5 | 2 |
| 9019 | 5996 | 4 | 4 | 4 | 4 |
| 5189 | 8564 | 4 | 4 | 4 | 5 |
| 7782 | 5542 | 1 | 3 | 5 | 4 |
| 7776 | 8174 | 2 | 3 | 3 | 3 |
| 3803 | 4175 | 3 | 6 | 3 | 2 |
| 8090 | 6280 | 5 | 5 | 4 | 5 |
| 9207 | 5254 | 2 | 2 | 5 | 2 |
| 9678 | 4816 | 6 | 6 | 6 | 6 |
| 8913 | 7069 | 1 | 2 | 1 | 4 |
| 9277 | 4726 | 1 | 2 | 1 | 3 |
| 8375 | 5867 | 6 | 3 | 5 | 3 |
| 3667 | 4453 | 2 | 2 | 3 | 2 |
| 4840 | 4245 | 2 | 2 | 2 | 2 |
| 8830 | 7405 | 2 | 5 | 3 | 2 |
| 6606 | 6054 | 3 | 3 | 5 | 5 |
| 9206 | 2970 | 5 | 2 | 1 | 1 |
| 9690 | 7217 | 1 | 1 | 1 | 1 |
| 9093 | 2730 | 2 | 6 | 2 | 6 |
| 6577 | 1571 | 6 | 5 | 3 | 3 |
| 7636 | 7104 | 3 | 2 | 5 | 5 |
| 5611 | 6163 | 6 | 6 | 6 | 2 |
| 6855 | 8540 | 3 | 2 | 2 | 2 |
| 9737 | 3719 | 2 | 2 | 1 | 2 |
| 7503 | 5589 | 5 | 5 | 5 | 2 |
| 3921 | 4242 | 2 | 4 | 3 | 6 |
| 9104 | 8184 | 2 | 2 | 3 | 2 |
| 9342 | 5639 | 4 | 3 | 4 | 4 |
| 5280 | 4920 | 6 | 3 | 5 | 5 |
| 6166 | 6469 | 5 | 6 | 5 | 5 |
| 8083 | 5508 | 6 | 3 | 5 | 3 |
| 7803 | 5864 | 4 | 5 | 4 | 5 |
| 8755 | 8070 | 2 | 2 | 5 | 5 |
| 4628 | 7875 | 2 | 6 | 2 | 6 |
| 9119 | 1391 | 1 | 2 | 4 | 5 |
| 6166 | 1451 | 6 | 2 | 3 | 2 |
| 7047 | 9895 | 6 | 6 | 6 | 6 |
| 7634 | 6144 | 5 | 5 | 5 | 5 |
| 2718 | 5669 | 6 | 6 | 6 | 6 |
| 6969 | 9991 | 6 | 6 | 6 | 6 |
| 3314 | 6890 | 3 | 2 | 2 | 2 |
| 4534 | 7337 | 2 | 2 | 2 | 6 |
| 8130 | 8012 | 2 | 6 | 2 | 2 |
| 7938 | 2362 | 6 | 6 | 6 | 6 |
| 8984 | 6076 | 4 | 4 | 4 | 1 |
| 8793 | 5888 | 4 | 3 | 4 | 4 |
| 8748 | 5931 | 4 | 4 | 4 | 4 |
| 6644 | 2598 | 6 | 6 | 6 | 6 |
| 1750 | 7449 | 6 | 2 | 3 | 2 |
| 8966 | 8379 | 1 | 3 | 1 | 3 |
| 7755 | 6820 | 2 | 5 | 5 | 2 |
| 4712 | 9448 | 2 | 2 | 2 | 2 |
| 7834 | 6408 | 4 | 5 | 4 | 5 |
| 9119 | 4655 | 3 | 2 | 2 | 2 |
| 8466 | 6017 | 4 | 4 | 4 | 4 |
| 9174 | 6162 | 4 | 5 | 4 | 4 |
| 7221 | 7037 | 2 | 2 | 5 | 2 |
| 4858 | 5300 | 5 | 3 | 3 | 5 |
| 3949 | 9265 | 1 | 1 | 1 | 5 |
| 6204 | 6456 | 4 | 5 | 4 | 4 |
| 2250 | 5996 | 6 | 6 | 6 | 2 |
| 6847 | 5620 | 2 | 2 | 2 | 2 |
| 6399 | 9566 | 6 | 6 | 6 | 6 |
| 2924 | 4776 | 2 | 2 | 6 | 2 |
| 5550 | 8623 | 6 | 6 | 6 | 2 |
| 8354 | 6088 | 4 | 5 | 4 | 5 |
| 6186 | 6584 | 6 | 2 | 6 | 6 |
| 9075 | 7208 | 1 | 1 | 1 | 1 |
| 8630 | 8803 | 2 | 2 | 3 | 2 |
| 5026 | 8232 | 2 | 2 | 2 | 2 |
| 7478 | 6899 | 2 | 2 | 5 | 2 |
| 4637 | 2801 | 2 | 2 | 2 | 2 |
| 9787 | 7164 | 1 | 1 | 1 | 1 |
| 3573 | 4068 | 2 | 3 | 5 | 5 |
| 7658 | 7231 | 2 | 2 | 5 | 2 |
| 7929 | 5500 | 4 | 4 | 4 | 4 |
| 8805 | 6435 | 4 | 1 | 4 | 4 |
| 8848 | 3857 | 2 | 2 | 2 | 2 |
| 6245 | 6993 | 6 | 6 | 5 | 3 |
| 9758 | 7336 | 1 | 1 | 1 | 1 |
| 8691 | 5274 | 3 | 1 | 3 | 2 |
| 6973 | 9489 | 6 | 6 | 6 | 6 |
| 6606 | 6490 | 6 | 6 | 6 | 6 |
| 6975 | 1455 | 2 | 2 | 2 | 2 |
| 5814 | 4559 | 6 | 6 | 6 | 2 |
| 7664 | 6109 | 5 | 5 | 5 | 5 |
| 4259 | 3527 | 3 | 2 | 3 | 3 |
| 7013 | 5784 | 6 | 3 | 5 | 3 |
| 8790 | 5892 | 4 | 3 | 4 | 4 |
| 7928 | 6228 | 5 | 5 | 5 | 5 |
| 8643 | 5697 | 3 | 4 | 3 | 3 |
| 8268 | 5592 | 3 | 3 | 3 | 3 |
| 9102 | 1614 | 2 | 2 | 2 | 2 |
| 9616 | 7312 | 1 | 1 | 1 | 4 |
| 8778 | 5985 | 4 | 3 | 4 | 4 |
| 8834 | 8092 | 2 | 1 | 3 | 2 |
| 9160 | 8582 | 6 | 3 | 5 | 2 |
| 5699 | 2267 | 1 | 1 | 1 | 1 |
| 3945 | 7875 | 2 | 2 | 2 | 2 |
| 7289 | 2064 | 1 | 1 | 1 | 1 |
| 5617 | 6775 | 6 | 2 | 6 | 2 |
| 7929 | 5808 | 4 | 4 | 4 | 4 |
| 6556 | 5400 | 4 | 4 | 4 | 4 |
| 2454 | 4930 | 2 | 6 | 5 | 5 |
| 9240 | 4487 | 1 | 2 | 1 | 2 |
| 3952 | 5636 | 2 | 2 | 2 | 2 |
| 8648 | 7691 | 1 | 1 | 1 | 3 |
| 6753 | 6599 | 6 | 6 | 5 | 2 |
| 5696 | 1623 | 1 | 5 | 1 | 1 |
| 6941 | 6892 | 2 | 1 | 1 | 1 |
| 5308 | 3992 | 2 | 2 | 3 | 2 |
| 6386 | 8912 | 6 | 6 | 6 | 6 |
| 6988 | 7849 | 3 | 3 | 5 | 2 |
| 3738 | 9535 | 6 | 6 | 1 | 6 |
| 8007 | 6420 | 5 | 4 | 4 | 5 |
| 8516 | 6096 | 4 | 4 | 4 | 3 |
| 8052 | 7598 | 2 | 2 | 5 | 2 |
| 8471 | 6550 | 4 | 3 | 4 | 3 |
| 9759 | 4570 | 2 | 3 | 3 | 2 |
| 8048 | 6314 | 4 | 4 | 4 | 5 |
| 6588 | 2917 | 6 | 6 | 6 | 2 |
| 7708 | 6136 | 5 | 5 | 4 | 5 |
| 8782 | 7952 | 1 | 1 | 1 | 1 |
| 3686 | 3525 | 1 | 1 | 1 | 6 |
| 8923 | 8635 | 6 | 2 | 3 | 2 |
| 8865 | 6720 | 4 | 3 | 4 | 4 |
| 2285 | 5435 | 6 | 6 | 5 | 2 |
| 10257 | 7856 | 2 | 3 | 5 | 3 |
| 5456 | 8700 | 2 | 6 | 3 | 2 |
| 6327 | 9022 | 6 | 6 | 6 | 6 |
| 6349 | 3391 | 6 | 6 | 6 | 6 |
| 8924 | 5892 | 4 | 4 | 4 | 5 |
| 6862 | 3513 | 2 | 2 | 2 | 2 |
| 4039 | 9306 | 2 | 2 | 4 | 3 |
| 4306 | 2927 | 2 | 2 | 2 | 2 |
| 9621 | 1203 | 1 | 1 | 1 | 1 |
| 4992 | 8585 | 4 | 1 | 4 | 4 |
| 3818 | 5274 | 4 | 6 | 6 | 6 |
| 9191 | 7329 | 1 | 1 | 1 | 1 |
| 8972 | 5896 | 4 | 5 | 4 | 5 |
| 5243 | 2168 | 1 | 2 | 1 | 5 |
| 9457 | 5487 | 2 | 3 | 3 | 5 |
| 9097 | 6005 | 4 | 4 | 4 | 5 |
| 8034 | 2692 | 6 | 6 | 6 | 6 |
| 3537 | 6036 | 6 | 6 | 6 | 6 |
| 6512 | 1533 | 6 | 2 | 3 | 2 |
| 8589 | 1479 | 2 | 2 | 2 | 2 |
| 8837 | 7769 | 2 | 1 | 1 | 3 |
| 2025 | 5119 | 2 | 2 | 5 | 5 |
| 4445 | 7870 | 2 | 6 | 6 | 6 |
| 8491 | 5793 | 2 | 3 | 3 | 3 |
| 7006 | 8424 | 2 | 2 | 2 | 2 |
| 7482 | 8185 | 3 | 2 | 2 | 2 |
| 7533 | 7919 | 3 | 2 | 2 | 2 |
| 9072 | 4312 | 2 | 2 | 5 | 2 |
| 9057 | 8235 | 2 | 2 | 5 | 2 |
| 8420 | 6002 | 4 | 4 | 4 | 4 |
| 9374 | 8217 | 2 | 2 | 3 | 2 |
| 5885 | 1299 | 2 | 2 | 2 | 2 |
| 9074 | 2417 | 6 | 6 | 6 | 2 |
| 2869 | 5433 | 6 | 6 | 6 | 6 |
| 8688 | 6651 | 3 | 3 | 3 | 3 |
| 4108 | 6016 | 2 | 2 | 2 | 2 |
| 5016 | 8964 | 6 | 6 | 6 | 6 |
| 3471 | 4470 | 2 | 2 | 1 | 2 |
| 9712 | 7759 | 1 | 1 | 1 | 1 |
| 6055 | 10038 | 6 | 6 | 6 | 6 |
| 7309 | 4422 | 6 | 6 | 6 | 6 |
| 9759 | 8330 | 6 | 2 | 6 | 2 |
| 8539 | 3302 | 1 | 2 | 1 | 2 |
| 8420 | 6532 | 4 | 3 | 4 | 3 |
| 6982 | 7824 | 2 | 3 | 2 | 5 |
| 5826 | 8513 | 2 | 6 | 2 | 2 |
| 6465 | 1826 | 5 | 5 | 5 | 5 |
| 6552 | 6471 | 6 | 6 | 6 | 6 |
| 8075 | 560 | 5 | 2 | 2 | 2 |
| 8750 | 7650 | 1 | 1 | 1 | 1 |
| 8777 | 8007 | 5 | 3 | 4 | 3 |
| 5802 | 2333 | 1 | 1 | 1 | 1 |
| 5660 | 6879 | 2 | 2 | 3 | 2 |
| 5691 | 6890 | 2 | 2 | 1 | 2 |
| 7696 | 7765 | 2 | 2 | 2 | 2 |
| 8299 | 9516 | 6 | 6 | 5 | 2 |
| 7950 | 8878 | 2 | 2 | 5 | 6 |
| 9209 | 6152 | 4 | 5 | 4 | 5 |
| 8579 | 6673 | 3 | 3 | 3 | 2 |
| 8443 | 6395 | 3 | 4 | 3 | 3 |
| 6230 | 1771 | 1 | 1 | 1 | 1 |
| 8087 | 5179 | 2 | 1 | 3 | 1 |
| 6886 | 3430 | 2 | 2 | 2 | 2 |
| 9470 | 6198 | 6 | 6 | 3 | 3 |
| 7110 | 3719 | 2 | 2 | 2 | 2 |
| 2327 | 5178 | 6 | 6 | 6 | 6 |
| 1606 | 6888 | 3 | 2 | 2 | 2 |
| 6209 | 6433 | 4 | 5 | 4 | 5 |
| 8327 | 8259 | 6 | 3 | 3 | 2 |
| 2484 | 7165 | 6 | 6 | 6 | 6 |
| 8428 | 7567 | 3 | 2 | 3 | 2 |
| 6182 | 6514 | 6 | 6 | 6 | 2 |
| 7876 | 8468 | 3 | 2 | 3 | 3 |
| 6700 | 5575 | 4 | 3 | 4 | 4 |
| 6995 | 4982 | 2 | 2 | 2 | 2 |
| 9355 | 1341 | 1 | 2 | 1 | 5 |
| 8696 | 7181 | 2 | 5 | 5 | 2 |
| 6284 | 6855 | 5 | 3 | 4 | 4 |
| 4410 | 5127 | 6 | 6 | 5 | 3 |
| 8805 | 5884 | 4 | 4 | 4 | 4 |
| 9110 | 6194 | 4 | 4 | 4 | 3 |
| 9377 | 7178 | 1 | 1 | 1 | 1 |
| 8021 | 6383 | 4 | 4 | 4 | 4 |
| 7251 | 9576 | 6 | 2 | 2 | 2 |
| 9139 | 3457 | 1 | 2 | 1 | 1 |
| 7240 | 4564 | 6 | 6 | 6 | 6 |
| 4895 | 6171 | 5 | 2 | 5 | 2 |
| 6038 | 2098 | 1 | 2 | 1 | 2 |
| 316 | 5971 | 1 | 1 | 1 | 1 |
| 4447 | 9773 | 6 | 6 | 6 | 6 |
| 8982 | 7570 | 1 | 1 | 1 | 1 |
| 8824 | 6689 | 3 | 3 | 3 | 3 |
| 4218 | 3834 | 6 | 2 | 3 | 6 |
| 7972 | 7595 | 1 | 2 | 1 | 3 |
| 8360 | 7206 | 2 | 3 | 5 | 5 |
| 8330 | 7821 | 3 | 3 | 5 | 2 |
| 6511 | 1597 | 6 | 2 | 3 | 2 |
| 7982 | 8388 | 6 | 6 | 5 | 2 |
| 2959 | 7277 | 6 | 2 | 2 | 2 |
| 8074 | 6292 | 5 | 5 | 4 | 4 |
| 7646 | 5507 | 2 | 2 | 3 | 5 |
| 6767 | 8784 | 6 | 6 | 6 | 6 |
| 6735 | 7954 | 2 | 2 | 2 | 2 |
| 4920 | 3015 | 6 | 6 | 6 | 6 |
| 9160 | 6952 | 2 | 1 | 5 | 2 |
| 4300 | 4838 | 6 | 2 | 2 | 2 |
| 9218 | 8179 | 3 | 3 | 3 | 2 |
| 8175 | 6804 | 2 | 2 | 5 | 6 |
| 8837 | 648 | 2 | 2 | 2 | 2 |
| 8393 | 6032 | 4 | 4 | 4 | 5 |
| 7466 | 2854 | 6 | 6 | 6 | 2 |
| 6964 | 6018 | 2 | 3 | 3 | 3 |
| 1699 | 7202 | 2 | 6 | 3 | 2 |
| 6232 | 6168 | 1 | 1 | 1 | 3 |
| 9919 | 7794 | 1 | 1 | 1 | 1 |
| 4607 | 7302 | 2 | 2 | 2 | 2 |
| 8953 | 7354 | 1 | 1 | 1 | 1 |
| 4787 | 6544 | 1 | 2 | 5 | 5 |
| 955 | 5561 | 6 | 6 | 6 | 6 |
| 6307 | 2927 | 6 | 6 | 6 | 6 |
| 8541 | 6110 | 4 | 4 | 4 | 3 |
| 8186 | 794 | 2 | 2 | 2 | 2 |
| 4740 | 2296 | 5 | 1 | 2 | 5 |
| 446 | 6098 | 1 | 1 | 1 | 1 |
| 9823 | 7354 | 1 | 1 | 1 | 1 |
| 8027 | 6214 | 4 | 4 | 4 | 4 |
| 4585 | 4592 | 6 | 6 | 3 | 2 |
| 6281 | 6745 | 6 | 5 | 3 | 5 |
| 4252 | 6045 | 2 | 2 | 2 | 2 |
| 9813 | 3710 | 2 | 6 | 2 | 2 |
| 6438 | 7009 | 6 | 6 | 3 | 3 |
| 3881 | 8052 | 1 | 1 | 1 | 5 |
| 8320 | 8824 | 2 | 2 | 2 | 2 |
| 1244 | 7310 | 2 | 2 | 2 | 2 |
| 4681 | 7085 | 2 | 2 | 5 | 2 |
| 9302 | 7638 | 1 | 1 | 1 | 1 |
| 7543 | 1490 | 6 | 2 | 2 | 2 |
| 325 | 5780 | 1 | 2 | 1 | 3 |
| 7289 | 6524 | 2 | 2 | 3 | 2 |
| 3161 | 7334 | 2 | 2 | 2 | 2 |
| 8655 | 7162 | 2 | 5 | 5 | 2 |
| 9902 | 3753 | 6 | 6 | 1 | 2 |
| 7616 | 4748 | 6 | 6 | 6 | 2 |
| 4008 | 8913 | 1 | 2 | 1 | 1 |
| 4688 | 7083 | 2 | 2 | 5 | 2 |
| 7613 | 6063 | 5 | 5 | 4 | 5 |
| 9287 | 6069 | 4 | 3 | 4 | 4 |
| 4936 | 4260 | 2 | 2 | 2 | 2 |
| 3074 | 4358 | 2 | 2 | 4 | 2 |
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| 7859 | 9832 | 6 | 6 | 1 | 6 |
| 8380 | 6165 | 5 | 5 | 5 | 5 |
| 8533 | 5855 | 4 | 5 | 4 | 3 |
| 9376 | 7175 | 1 | 1 | 1 | 1 |
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| 4437 | 4405 | 6 | 6 | 6 | 6 |
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| 8540 | 6190 | 4 | 4 | 4 | 4 |
| 6556 | 303 | 2 | 1 | 1 | 2 |
| 9517 | 2487 | 6 | 2 | 2 | 2 |
| 8806 | 5856 | 4 | 4 | 4 | 4 |
| 9600 | 8066 | 2 | 2 | 3 | 2 |
| 8944 | 5872 | 4 | 5 | 4 | 5 |
| 5421 | 8772 | 6 | 6 | 6 | 6 |
| 6585 | 9860 | 2 | 2 | 3 | 6 |
| 9085 | 7502 | 1 | 1 | 1 | 1 |
| 5487 | 3457 | 6 | 6 | 6 | 6 |
| 3164 | 7481 | 2 | 2 | 2 | 2 |
| 2602 | 5649 | 6 | 6 | 6 | 6 |
| 5685 | 4335 | 6 | 6 | 2 | 6 |
| 7980 | 2556 | 6 | 6 | 6 | 6 |
| 5134 | 8572 | 4 | 5 | 4 | 4 |
| 6472 | 2664 | 2 | 6 | 2 | 2 |
| 9808 | 7237 | 1 | 1 | 1 | 1 |
| 2719 | 6823 | 6 | 6 | 6 | 6 |
| 8307 | 7321 | 3 | 3 | 3 | 3 |
| 8906 | 6851 | 3 | 6 | 3 | 2 |
| 6756 | 7011 | 2 | 3 | 3 | 3 |
| 3303 | 3874 | 1 | 1 | 1 | 1 |
| 8883 | 7756 | 1 | 1 | 1 | 1 |
| 8559 | 7376 | 3 | 3 | 3 | 5 |
| 8209 | 6690 | 3 | 3 | 3 | 3 |
| 7637 | 7034 | 2 | 2 | 5 | 2 |
| 8448 | 6039 | 1 | 4 | 4 | 1 |
| 6830 | 8874 | 6 | 6 | 6 | 6 |
| 4161 | 7936 | 6 | 6 | 6 | 2 |
| 8193 | 3993 | 6 | 2 | 2 | 2 |
| 8812 | 6641 | 3 | 3 | 3 | 5 |
| 1144 | 5241 | 6 | 1 | 6 | 6 |
| 9129 | 5431 | 2 | 3 | 3 | 3 |
| 7415 | 4644 | 6 | 6 | 6 | 2 |
| 2857 | 5705 | 6 | 6 | 6 | 2 |
| 6933 | 4424 | 6 | 6 | 6 | 6 |
| 7562 | 3755 | 2 | 2 | 2 | 2 |
| 5299 | 7382 | 6 | 6 | 6 | 6 |
| 5418 | 3118 | 6 | 6 | 6 | 6 |
| 7432 | 7057 | 3 | 2 | 3 | 2 |