

## Report from Zimbabwe



**United Nations**  
Convention to Combat  
Desertification

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**praus<sub>4</sub>**

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SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

## SO1-1 Trends in land cover

### Land area

SO1-1.T1: National estimates of the total land area, the area covered by water bodies and total country area

| Year  | Total land area (km <sup>2</sup> ) | Water bodies (km <sup>2</sup> ) | Total country area (km <sup>2</sup> ) | Comments            |
|-------|------------------------------------|---------------------------------|---------------------------------------|---------------------|
| 2 001 | 386 595                            | 4 449                           | 391 044                               | Verified as correct |
| 2 005 | 386 605                            | 4 439                           | 391 044                               | Verified as correct |
| 2 010 | 386 613                            | 4 431                           | 391 044                               | Verified as correct |
| 2 015 | 386 605                            | 4 439                           | 391 044                               | Verified as correct |
| 2 019 | 386 518                            | 4 526                           | 391 044                               | Verified as correct |

### Land cover legend and transition matrix

SO1-1.T2: Key Degradation Processes

| Degradation Process | Starting Land Cover | Ending Land Cover   |
|---------------------|---------------------|---------------------|
| Deforestation       | Tree-covered areas  | Croplands           |
| Vegetation Loss     | Grasslands          | Croplands           |
| Urban Expansion     | Croplands           | Artificial surfaces |
| Wetland Drainage    | Wetlands            | Croplands           |

Are the seven UNCCD land cover classes sufficient to monitor the key degradation processes in your country?

- Yes  
 No

SO1-1.T4: UNCCD land cover legend transition matrix

| Original/ Final     | Tree-covered areas | Grasslands | Croplands | Wetlands | Artificial surfaces | Other Lands | Water bodies |
|---------------------|--------------------|------------|-----------|----------|---------------------|-------------|--------------|
| Tree-covered areas  | -                  | +          | +         | -        | -                   | -           | 0            |
| Grasslands          | +                  | 0          | +         | -        | -                   | -           | 0            |
| Croplands           | +                  | -          | 0         | -        | -                   | -           | 0            |
| Wetlands            | -                  | -          | -         | 0        | -                   | -           | 0            |
| Artificial surfaces | +                  | +          | +         | +        | 0                   | +           | 0            |
| Other Lands         | +                  | +          | +         | +        | -                   | 0           | 0            |
| Water bodies        | 0                  | 0          | 0         | 0        | 0                   | 0           | 0            |

### Land cover

SO1-1.T5: National estimates of land cover (km<sup>2</sup>) for the baseline and reporting period

|      | Tree-covered areas (km <sup>2</sup> ) | Grasslands (km <sup>2</sup> ) | Croplands (km <sup>2</sup> ) | Wetlands (km <sup>2</sup> ) | Artificial surfaces (km <sup>2</sup> ) | Other Lands (km <sup>2</sup> ) | Water bodies (km <sup>2</sup> ) | No data (km <sup>2</sup> ) |
|------|---------------------------------------|-------------------------------|------------------------------|-----------------------------|--|--------------------------------|---------------------------------|----------------------------|
| 2000 | 113 354                               | 129 112                       | 142 475                      | 288                         | 414                                    | 952                            | 4 450                           |                            |
| 2001 | 113 368                               | 128 732                       | 142 837                      | 290                         | 416                                    | 952                            | 4 449                           |                            |
| 2002 | 113 300                               | 127 308                       | 144 323                      | 293                         | 421                                    | 953                            | 4 447                           |                            |

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

|      | Tree-covered areas (km <sup>2</sup> ) | Grasslands (km <sup>2</sup> ) | Croplands (km <sup>2</sup> ) | Wetlands (km <sup>2</sup> ) | Artificial surfaces (km <sup>2</sup> ) | Other Lands (km <sup>2</sup> ) | Water bodies (km <sup>2</sup> ) | No data (km <sup>2</sup> ) |
|------|---------------------------------------|-------------------------------|------------------------------|-----------------------------|--|--------------------------------|---------------------------------|----------------------------|
| 2003 | 113 299                               | 126 632                       | 144 997                      | 293                         | 424                                    | 952                            | 4 447                           |                            |
| 2004 | 113 797                               | 125 936                       | 145 192                      | 294                         | 427                                    | 953                            | 4 446                           |                            |
| 2005 | 113 719                               | 125 869                       | 145 305                      | 297                         | 461                                    | 954                            | 4 440                           |                            |
| 2006 | 114 083                               | 125 547                       | 145 256                      | 297                         | 470                                    | 953                            | 4 439                           |                            |
| 2007 | 113 644                               | 125 165                       | 146 068                      | 297                         | 480                                    | 951                            | 4 439                           |                            |
| 2008 | 114 341                               | 124 365                       | 146 162                      | 294                         | 492                                    | 949                            | 4 441                           |                            |
| 2009 | 115 786                               | 123 413                       | 145 674                      | 284                         | 503                                    | 944                            | 4 441                           |                            |
| 2010 | 115 872                               | 123 325                       | 145 667                      | 285                         | 519                                    | 944                            | 4 432                           |                            |
| 2011 | 115 917                               | 123 252                       | 145 686                      | 285                         | 529                                    | 943                            | 4 434                           |                            |
| 2012 | 115 725                               | 123 229                       | 145 883                      | 287                         | 551                                    | 942                            | 4 429                           |                            |
| 2013 | 115 803                               | 123 120                       | 145 868                      | 286                         | 598                                    | 940                            | 4 429                           |                            |
| 2014 | 116 184                               | 122 857                       | 145 713                      | 287                         | 627                                    | 938                            | 4 439                           |                            |
| 2015 | 116 180                               | 122 853                       | 145 711                      | 287                         | 637                                    | 938                            | 4 439                           |                            |
| 2016 | 118 180                               | 121 610                       | 144 939                      | 286                         | 664                                    | 927                            | 4 439                           |                            |
| 2017 | 119 221                               | 121 026                       | 144 391                      | 283                         | 679                                    | 921                            | 4 523                           |                            |
| 2018 | 119 602                               | 120 724                       | 144 309                      | 283                         | 687                                    | 913                            | 4 527                           |                            |
| 2019 | 119 627                               | 120 622                       | 144 334                      | 283                         | 739                                    | 911                            | 4 527                           |                            |
| 2020 |                                       |                               |                              |                             |  |                                |                                 |                            |

Land cover change

SO1-1.T6: National estimates of land cover change (km<sup>2</sup>) for the baseline period

|  | Tree-covered areas (km <sup>2</sup> ) | Grasslands (km <sup>2</sup> ) | Croplands (km <sup>2</sup> ) | Wetlands (km <sup>2</sup> ) | Artificial surfaces (km <sup>2</sup> ) | Other Lands (km <sup>2</sup> ) | Water bodies (km <sup>2</sup> ) | Total (km <sup>2</sup> ) |
|--|---------------------------------------|-------------------------------|------------------------------|-----------------------------|--|--------------------------------|---------------------------------|--------------------------|
| Tree-covered areas (km <sup>2</sup> )  | 109 491                               | 2 020                         | 1 679                        | 18                          | 136                                    | 6                              | 3                               | 113 353                  |
| Grasslands (km <sup>2</sup> )          | 3 497                                 | 120 613                       | 4 921                        | 0                           | 72                                     | 1                              | 7                               | 129 111                  |
| Croplands (km <sup>2</sup> )           | 3 149                                 | 209                           | 139 097                      | 0                           | 13                                     | 0                              | 6                               | 142 474                  |
| Wetlands (km <sup>2</sup> )            | 22                                    | 0                             | 0                            | 265                         | 0                                      | 0                              | 2                               | 289                      |
| Artificial surfaces (km <sup>2</sup> ) | 0                                     | 0                             | 0                            | 0                           | 414                                    | 0                              | 0                               | 414                      |
| Other Lands (km <sup>2</sup> )         | 12                                    | 1                             | 8                            | 0                           | 1                                      | 929                            | 0                               | 951                      |
| Water bodies (km <sup>2</sup> )        | 8                                     | 10                            | 6                            | 3                           | 0                                      | 1                              | 4 422                           | 4 450                    |
| Total                                  | 116 179                               | 122 853                       | 145 711                      | 286                         | 636                                    | 937                            | 4 440                           |                          |

SO1-1.T7: National estimates of land cover change (km<sup>2</sup>) for the reporting period

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

|  | Tree-covered areas (km <sup>2</sup> ) | Grasslands (km <sup>2</sup> ) | Croplands (km <sup>2</sup> ) | Wetlands (km <sup>2</sup> ) | Artificial surfaces (km <sup>2</sup> ) | Other Lands (km <sup>2</sup> ) | Water bodies (km <sup>2</sup> ) | Total land area (km <sup>2</sup> ) |
|--|---------------------------------------|-------------------------------|------------------------------|-----------------------------|--|--------------------------------|---------------------------------|------------------------------------|
| Tree-covered areas (km <sup>2</sup> )  | 115 663                               | 251                           | 180                          | 4                           | 46                                     | 1                              | 35                              | 116 180                            |
| Grasslands (km <sup>2</sup> )          | 2 335                                 | 120 186                       | 285                          | 0                           | 34                                     | 4                              | 9                               | 122 853                            |
| Croplands (km <sup>2</sup> )           | 1 613                                 | 183                           | 143 858                      | 0                           | 12                                     | 1                              | 44                              | 145 711                            |
| Wetlands (km <sup>2</sup> )            | 7                                     | 0                             | 0                            | 279                         | 1                                      | 0                              | 0                               | 287                                |
| Artificial surfaces (km <sup>2</sup> ) | 0                                     | 0                             | 0                            | 0                           | 637                                    | 0                              | 0                               | 637                                |
| Other Lands (km <sup>2</sup> )         | 11                                    | 1                             | 11                           | 0                           | 9                                      | 905                            | 0                               | 937                                |
| Water bodies (km <sup>2</sup> )        | 0                                     | 0                             | 0                            | 0                           | 0                                      | 0                              | 4 439                           | 4 439                              |
| <b>Total</b>                           | <b>119 629</b>                        | <b>120 621</b>                | <b>144 334</b>               | <b>283</b>                  | <b>739</b>                             | <b>911</b>                     | <b>4 527</b>                    |                                    |

### Land cover degradation

#### SO1-1.T8: National estimates of land cover degradation (km<sup>2</sup>) in the baseline period

|  | Area (km <sup>2</sup> ) | Percent of total land area (%) |
|--|-------------------------|--------------------------------|
| Land area with degraded land cover     | 4 179                   | 1 .1                           |
| Land area with non-degraded land cover | 386 864                 | 98 .9                          |
| Land area with no land cover data      | 0                       | 0 .0                           |

#### SO1-1.T9: National estimates of land cover degradation (km<sup>2</sup>) in the reporting period

|                                    | Area (km <sup>2</sup> ) | Percent of total land area (%) |
|------------------------------------|-------------------------|--------------------------------|
| Land area with improved land cover | 4 254                   | 1 .1                           |
| Land area with stable land cover   | 386 056                 | 98 .7                          |
| Land area with degraded land cover | 733                     | 0 .2                           |
| Land area with no land cover data  | 0                       | 0 .0                           |

### General comments

Area with improved landcover increased due to cropland turning fallow, consequently experiencing regenerative forest growth throughout the rural areas of the country. This occurred particularly in cotton-growing regions due to the abandonment of cotton growing in response to the poor market prices of seed cotton.

## SO1-2 Trends in land productivity or functioning of the land

### Land productivity dynamics

SO1-2.T1: National estimates of land productivity dynamics (in km<sup>2</sup>) within each land cover class for the baseline period

| Land cover class    | Net land productivity dynamics (km <sup>2</sup> ) for the baseline period |                                     |                             |                           |                               |                            |
|---------------------|---|-------------------------------------|-----------------------------|---------------------------|-------------------------------|----------------------------|
|                     | Declining (km <sup>2</sup> )  | Moderate Decline (km <sup>2</sup> ) | Stressed (km <sup>2</sup> ) | Stable (km <sup>2</sup> ) | Increasing (km <sup>2</sup> ) | No Data (km <sup>2</sup> ) |
| Tree-covered areas  | 9   | 9 660                               | 46 704                      | 19 703                    | 33 406                        | 9                          |
| Grasslands          | 7   | 11 795                              | 43 422                      | 21 258                    | 44 104                        | 28                         |
| Croplands           | 8   | 7 842                               | 49 433                      | 30 664                    | 51 136                        | 14                         |
| Wetlands            | 0   | 14                                  | 63                          | 42                        | 143                           | 3                          |
| Artificial surfaces | 0   | 14                                  | 115                         | 139                       | 146                           | 0                          |
| Other Lands         | 0   | 23                                  | 230                         | 289                       | 387                           | 0                          |
| Water bodies        | 2   | 85                                  | 697                         | 549                       | 611                           | 2 477                      |

SO1-2.T2: National estimates of land productivity dynamics (in km<sup>2</sup>) within each land cover class for the reporting period.

| Land cover class    | Net land productivity dynamics (km <sup>2</sup> ) for the reporting period |                                     |                             |                           |                               |                            |
|---------------------|--|-------------------------------------|-----------------------------|---------------------------|-------------------------------|----------------------------|
|                     | Declining (km <sup>2</sup> )   | Moderate Decline (km <sup>2</sup> ) | Stressed (km <sup>2</sup> ) | Stable (km <sup>2</sup> ) | Increasing (km <sup>2</sup> ) | No Data (km <sup>2</sup> ) |
| Tree-covered areas  | 4  | 6 803                               | 29 486                      | 30 703                    | 44 030                        | 14                         |
| Grasslands          | 6  | 7 186                               | 37 855                      | 37 376                    | 36 409                        | 17                         |
| Croplands           | 4  | 6 200                               | 40 667                      | 35 748                    | 58 422                        | 11                         |
| Wetlands            | 1  | 9                                   | 56                          | 73                        | 125                           | 3                          |
| Artificial surfaces | 0  | 14                                  | 223                         | 82                        | 142                           | 0                          |
| Other Lands         | 1  | 56                                  | 234                         | 173                       | 439                           | 0                          |
| Water bodies        | 57   | 194                                 | 892                         | 320                       | 483                           | 2 477                      |

SO1-2.T3: National estimates of land productivity dynamics for areas where a land conversion to a new land cover class has taken place (in km<sup>2</sup>) for the baseline period.

| Land Conversion    |                    | Net land productivity dynamics (km <sup>2</sup> ) for the baseline period |                              |                                     |                             |                           |                               |
|--------------------|--------------------|---|------------------------------|-------------------------------------|-----------------------------|---------------------------|-------------------------------|
| From               | To                 | Net area change (km <sup>2</sup> )  | Declining (km <sup>2</sup> ) | Moderate Decline (km <sup>2</sup> ) | Stressed (km <sup>2</sup> ) | Stable (km <sup>2</sup> ) | Increasing (km <sup>2</sup> ) |
| Grasslands         | Croplands          | 4 921   | 0                            | 383                                 | 1 565                       | 1 016                     | 1 956                         |
| Grasslands         | Tree-covered areas | 3 497   | 0                            | 192                                 | 713                         | 704                       | 1 888                         |
| Croplands          | Tree-covered areas | 3 149   | 0                            | 117                                 | 688                         | 746                       | 1 599                         |
| Tree-covered areas | Grasslands         | 2 020   | 1                            | 258                                 | 1 322                       | 187                       | 252                           |

SO1-2.T4: National estimates of land productivity dynamics for areas where a land conversion to a new land cover class has taken place (in km<sup>2</sup>) for the reporting period.

| Land Conversion | Net land productivity dynamics (km <sup>2</sup> ) for the reporting period |
|-----------------|--|
|-----------------|--|



SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

| From               | To                 | Net area change (km <sup>2</sup> ) | Declining (km <sup>2</sup> ) | Moderate Decline (km <sup>2</sup> ) | Stressed (km <sup>2</sup> ) | Stable (km <sup>2</sup> ) | Increasing (km <sup>2</sup> ) |
|--------------------|--------------------|------------------------------------|------------------------------|-------------------------------------|-----------------------------|---------------------------|-------------------------------|
| Grasslands         | Tree-covered areas | 4 672                              | 0                            | 220                                 | 803                         | 1 761                     | 1 887                         |
| Croplands          | Tree-covered areas | 3 862                              | 0                            | 128                                 | 621                         | 1 282                     | 1 832                         |
| Grasslands         | Croplands          | 2 235                              | 0                            | 75                                  | 566                         | 387                       | 1 207                         |
| Tree-covered areas | Grasslands         | 1 448                              | 0                            | 140                                 | 614                         | 337                       | 357                           |

### Land Productivity degradation

SO1-2.T5: National estimates of land productivity degradation in the baseline period

|   | Area (km <sup>2</sup> ) | Percent of total land area (%) |
|---|-------------------------|--------------------------------|
| Land area with degraded land productivity     | 30 445                  | 7.9                            |
| Land area with non-degraded land productivity | 356 094                 | 92.1                           |
| Land area with no land productivity data      | 54                      | 0.0                            |

SO1-2.T6: National estimates of land productivity degradation in the reporting period

|   | Area (km <sup>2</sup> ) | Percent of total land area (%) |
|---|-------------------------|--------------------------------|
| Land area with improved land productivity | 145 276                 | 37.6                           |
| Land area with stable land productivity   | 220 314                 | 57.0                           |
| Land area with degraded land productivity | 20 968                  | 5.4                            |
| Land area with no land productivity data  | 46                      | 0.0                            |

### General comments

## SO1-3 Trends in carbon stocks above and below ground

### Soil organic carbon stocks

SO1-3.T1: National estimates of the soil organic carbon stock in topsoil (0-30 cm) within each land cover class (in tonnes per hectare).

| Year | Soil organic carbon stock in topsoil (t/ha) |            |           |          |                     |             |              |
|------|---|------------|-----------|----------|---------------------|-------------|--------------|
|      | Tree-covered areas                          | Grasslands | Croplands | Wetlands | Artificial surfaces | Other Lands | Water bodies |
| 2000 | 47  | 38         | 34        | 63       | 63                  | 50          | 9            |
| 2001 | 47  | 38         | 34        | 63       | 62                  | 50          | 9            |
| 2002 | 47  | 39         | 33        | 62       | 62                  | 50          | 9            |
| 2003 | 47  | 39         | 33        | 62       | 61                  | 50          | 9            |
| 2004 | 46  | 39         | 33        | 62       | 61                  | 50          | 9            |
| 2005 | 47  | 39         | 33        | 61       | 56                  | 50          | 9            |
| 2006 | 46  | 39         | 33        | 61       | 55                  | 50          | 9            |
| 2007 | 47  | 39         | 33        | 61       | 54                  | 50          | 9            |
| 2008 | 46  | 40         | 33        | 62       | 53                  | 50          | 9            |
| 2009 | 46  | 40         | 33        | 64       | 52                  | 51          | 9            |
| 2010 | 46  | 40         | 33        | 64       | 50                  | 51          | 9            |
| 2011 | 46  | 40         | 33        | 64       | 49                  | 51          | 9            |
| 2012 | 46  | 40         | 33        | 63       | 47                  | 51          | 9            |
| 2013 | 46  | 40         | 33        | 63       | 43                  | 51          | 9            |
| 2014 | 46  | 40         | 33        | 63       | 41                  | 51          | 9            |
| 2015 | 47  | 39         | 33        | 62       | 43                  | 50          | 10           |
| 2016 | 46  | 40         | 33        | 63       | 42                  | 50          | 10           |
| 2017 | 46  | 40         | 33        | 63       | 41                  | 51          | 9            |
| 2018 | 45  | 40         | 33        | 63       | 40                  | 51          | 9            |
| 2019 | 45  | 40         | 33        | 63       | 37                  | 51          | 9            |
| 2020 |   |            |           |          |                     |             |              |

If you opted not to use default Tier 1 data, what did you use to calculate the estimates above?

- Modified Tier 1 methods and data
- Tier 2 (additional use of country-specific data)
- Tier 3 (more complex methods involving ground measurements and modelling)

SO1-3.T2: National estimates of the change in soil organic carbon stock in soil due to land conversion to a new land cover class in the baseline period

| Land Conversion |                    | Soil organic carbon (SOC) stock change in the baseline period |                          |                        |                             |                           |                      |
|-----------------|--------------------|---|--------------------------|------------------------|-----------------------------|---------------------------|----------------------|
| From            | To                 | Net area change (km <sup>2</sup> )                            | Initial SOC stock (t/ha) | Final SOC stock (t/ha) | Initial SOC stock total (t) | Final SOC stock total (t) | SOC stock change (t) |
| Croplands       | Tree-covered areas | 3 149   | 43 .8                    | 48 .1                  | 13 800 230                  | 15 136 103                | 1 335 873            |

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

| Land Conversion    |                    | Soil organic carbon (SOC) stock change in the baseline period |                          |                        |                             |                           |                      |
|--------------------|--------------------|---|--------------------------|------------------------|-----------------------------|---------------------------|----------------------|
| From               | To                 | Net area change (km <sup>2</sup> )                            | Initial SOC stock (t/ha) | Final SOC stock (t/ha) | Initial SOC stock total (t) | Final SOC stock total (t) | SOC stock change (t) |
| Tree-covered areas | Grasslands         | 2 020   | 43 .5                    | 43 .5                  | 8 789 516                   | 8 789 516                 | 0                    |
| Grasslands         | Tree-covered areas | 3 497   | 44 .7                    | 44 .7                  | 15 622 521                  | 15 622 378                | -143                 |
| Grasslands         | Croplands          | 4 921   | 26 .8                    | 23 .3                  | 13 201 459                  | 11 462 270                | -1 739 189           |

SO1-3.T3: National estimates of the change in soil organic carbon stock in soil due to land conversion to a new land cover class in the reporting period

| Land Conversion    |                    | Soil organic carbon (SOC) stock change in the reporting period |                          |                        |                             |                           |                      |
|--------------------|--------------------|--|--------------------------|------------------------|-----------------------------|---------------------------|----------------------|
| From               | To                 | Net area change (km <sup>2</sup> )                             | Initial SOC stock (t/ha) | Final SOC stock (t/ha) | Initial SOC stock total (t) | Final SOC stock total (t) | SOC stock change (t) |
| Croplands          | Tree-covered areas | 1 613  | 38 .6                    | 39 .6                  | 6 230 424                   | 6 393 542                 | 163 118              |
| Tree-covered areas | Grasslands         | 251  | 49 .3                    | 49 .3                  | 1 237 820                   | 1 238 032                 | 212                  |
| Grasslands         | Tree-covered areas | 2 335  | 39 .3                    | 39 .3                  | 9 171 481                   | 9 171 642                 | 161                  |
| Grasslands         | Croplands          | 285  | 36 .4                    | 35 .3                  | 1 037 144                   | 1 005 072                 | -32 072              |

Soil organic carbon stock degradation

SO1-3.T4: National estimates of soil organic carbon stock degradation in the baseline period

|   | Area (km <sup>2</sup> ) | Percent of total land area (%) |
|---|-------------------------|--------------------------------|
| Land area with degraded soil organic carbon (SOC) | 4 126                   | 1 .1                           |
| Land area with non-degraded SOC                   | 382 271                 | 98 .9                          |
| Land area with no SOC data                        | 195                     | 0 .1                           |

SO1-3.T5: National estimates of SOC stock degradation in the reporting period

|                             | Area (km <sup>2</sup> ) | Percent of total land area (%) |
|-----------------------------|-------------------------|--------------------------------|
| Land area with improved SOC | 38                      | 0 .0                           |
| Land area with stable SOC   | 386 094                 | 99 .9                          |
| Land area with degraded SOC | 267                     | 0 .1                           |
| Land area with no SOC data  | 204                     | 0 .1                           |

General comments

**SO1-4 Proportion of degraded land over the total land area**

Proportion of degraded land over the total land area (Sustainable Development Goal Indicator 15.3.1)

SO1-4.T1: National estimates of the total area of degraded land (in km<sup>2</sup>), and the proportion of degraded land relative to the total land area

|                           | Total area of degraded land (km <sup>2</sup> ) | Proportion of degraded land over the total land area (%) |
|---------------------------|--|--|
| Baseline Period           | 37 127   | 9 .6   |
| Reporting Period          | 35 656   | 9 .2   |
| Change in degraded extent | -1471  |  |

**Method**

Did you use the SO1-1, SO1-2 and SO1-3 indicators (i.e. land cover, land productivity dynamics and soil organic carbon stock) to compute the proportion of degraded land?

Which indicators did you use?

- Land Cover
- Land Productivity Dynamics
- SOC Stock

Did you apply the one-out, all-out principle to compute the proportion of degraded land?

- Yes
- No

**Level of Confidence**

Indicate your country's level of confidence in the assessment of the proportion of degraded land:

- High (based on comprehensive evidence)
- Medium (based on partial evidence)
- Low (based on limited evidence)

Describe why the assessment has been given the level of confidence selected above:

We validated the World SOC data with field data for Zimbabwe.

**False positives/ False negatives**

SO1-4.T3: Justify why any area identified as degraded or non-degraded in the SO1-1, SO1-2 or SO1-3 indicator data should or should not be included in the overall Sustainable Development Goal indicator 15.3.1 calculation.

| Location Name | Type | Recode Options | Area (km <sup>2</sup> ) | Process driving false +/- outcome | Basis for Judgement | Edit Polygon |
|---------------|------|----------------|-------------------------|-----------------------------------|---------------------|--------------|
|---------------|------|----------------|-------------------------|-----------------------------------|---------------------|--------------|

**Perform qualitative assessments of areas identified as degraded or improved**

SO1-4.T4: Degradation hotspots

| Hotspots              | Location | Area (km <sup>2</sup> ) | Assessment Process | Direct drivers of land degradation hotspots | Action(s) taken to redress degradation in terms of Land Degradation Neutrality response hierarchy | Remediating action(s) (both forward-looking and current) | Edit Polygon |
|-----------------------|----------|-------------------------|--------------------|---|---|--|--------------|
| Total no. of hotspots | 0        |                         |                    |   |   |  |              |
| Total hotspot area    | 0        |                         |                    |   |   |  |              |

What is/are the indirect driver(s) of land degradation at the national level?

S0-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

1. Economic
2. Demographic
3. Science, knowledge and technology
4. Cultural
5. Institutions and governance

#### S01-4.T5: Improvement brightspots

| Brightspots              | Location | Area (km <sup>2</sup> ) | Assessment Process | What action(s) led to the brightspot in terms of the Land Degradation Neutrality hierarchy? | Implementing action(s) (both forward-looking and current) | Edit Polygon |
|--------------------------|----------|-------------------------|--------------------|---|---|--------------|
| Total no. of brightspots |          | 0                       |                    |   |   |              |
| Total brightspot area    |          | 0                       |                    |   |   |              |

What are the enabling and instrumental responses at the national level driving the occurrence of brightspots?

1. Climate change adaptation planning
2. Protected areas
3. Integrated landscape planning
4. Responses to the adverse effects of globalisation, demographic change, migration
5. Legal and regulatory instruments
6. Institutional and policy reform
- 7.
- 8.
- 9.
- 10.

#### General comments

National programmes like Tobacco wood energy contributed significantly. Tobacco farmers are growing woodlots.

**SO1 Voluntary Targets**

**SO1-VT.T1: Voluntary Land Degradation Neutrality targets and other targets relevant to strategic objective 1**

| Target  | Year | Location(s)  | Total Target Area (km <sup>2</sup> )  | Overarching type of Land Degradation Neutrality (LDN) intervention   | Targeted action(s)  | Status of target achievement | Is this an LDN target? If so, under which process was it defined/adopted?   | Which other important goals are also being addressed by this target?   | Edit Polygon |
|---|------|--|---------------------------------------|--|---|------------------------------|---|--|--------------|
| Reforestation with local and exotic species on 6 455 250 hectares of forest converted to shrubs and on 215 050 hectares of forest converted to cropland                   | 2030 | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 66 703                                | <input type="checkbox"/> Avoid<br><input type="checkbox"/> Reduce<br><input checked="" type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Restore/improve tree-covered areas                         <ul style="list-style-type: none"> <li>Reduce/halt deforestation and conversion of tree cover to other land cover types (e.g. conserving forest land)</li> <li>Restore/improve grasslands</li> <li>Increase land productivity in tree covered areas</li> <li>Restore tree-covered areas</li> <li>Improve tree cover management e.g. fire management</li> </ul> </li> <li>Increase tree-covered area extent                         <ul style="list-style-type: none"> <li>Increase tree covered land (net gain) e.g. plantations</li> </ul> </li> </ul> | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| Avoid further decline of forest through economic incentives (rehabilitation) of 2 820 hectares of land showing early signs of decline and having a declining productivity | 2030 | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 28.2                                  | <input checked="" type="checkbox"/> Avoid<br><input type="checkbox"/> Reduce<br><input type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Restore/improve tree-covered areas                         <ul style="list-style-type: none"> <li>Reduce/halt deforestation and conversion of tree cover to other land cover types (e.g. conserving forest land)</li> <li>Restore/improve grasslands</li> <li>Increase land productivity in tree covered areas</li> <li>Restore tree-covered areas</li> <li>Improve tree cover management e.g. fire management</li> </ul> </li> <li>Increase tree-covered area extent                         <ul style="list-style-type: none"> <li>Increase tree covered land (net gain) e.g. plantations</li> </ul> </li> </ul> | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| <b>Total</b>  |      |  | Sum of all targeted areas<br>75 387.9 |  |   |                              |   |  |              |

| Target   | Year | Location(s)  | Total Target Area (km <sup>2</sup> )          | Overarching type of Land Degradation Neutrality (LDN) intervention   | Targeted action(s)  | Status of target achievement | Is this an LDN target? If so, under which process was it defined/adopted?   | Which other important goals are also being addressed by this target?   | Edit Polygon |
|--|------|--|---|--|---|------------------------------|---|--|--------------|
| Improve sustainable land management practices to avoid soil and gully erosion, encourage and enforce appropriate stoking rates on 175 250 hectares of shrubs, grasslands and sparsely vegetated areas showing early signs of decline | 2030 | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 1 752 .5                                      | <input checked="" type="checkbox"/> Avoid<br><input type="checkbox"/> Reduce<br><input type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Restore/improve multiple land uses</li> </ul>  | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| Use conservation farming and agro-forestry practices to improve cropland productivity on 361 250 hectares of cropland showing stable but stressed productivity and early signs of decline  | 2030 | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 3 612 .5                                      | <input checked="" type="checkbox"/> Avoid<br><input type="checkbox"/> Reduce<br><input type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Increase soil fertility and carbon stock                         <ul style="list-style-type: none"> <li>Reduce soil erosion</li> <li>Maintain the current level of SOC</li> </ul> </li> <li>Improve watershed/landscape management</li> <li>Rehabilitate bare land and/or restore degraded land</li> <li>Increase carbon stock and reduce soil/land degradation</li> </ul> | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| Embark on land/catchment reclamation/restoration on 5 580 hectares of grazing and cropland affected by gully erosion   | 2030 | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 55 .8   | <input type="checkbox"/> Avoid<br><input type="checkbox"/> Reduce<br><input checked="" type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Increase soil fertility and carbon stock                         <ul style="list-style-type: none"> <li>Reduce soil erosion</li> <li>Maintain the current level of SOC</li> </ul> </li> <li>Improve watershed/landscape management</li> <li>Rehabilitate bare land and/or restore degraded land</li> <li>Increase carbon stock and reduce soil/land degradation</li> </ul> | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| Enforce laws and regulations, embark on awareness programmes targeting illegal miners and rehabilitate 3 798.60 hectares affected by illegal mining  | 2030 | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 37 .9   | <input type="checkbox"/> Avoid<br><input checked="" type="checkbox"/> Reduce<br><input type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Restore/improve multiple land uses</li> <li>Restore/improve multiple functions</li> <li>Reduce/halt conversion of multiple land uses</li> </ul>  | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| <b>Total</b>   |      |  | <b>Sum of all targeted areas</b><br>75 387 .9 |  |   |                              |   |  |              |

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

| Target  | Year | Location(s)  | Total Target Area (km <sup>2</sup> )  | Overarching type of Land Degradation Neutrality (LDN) intervention   | Targeted action(s)   | Status of target achievement | Is this an LDN target? If so, under which process was it defined/adopted?   | Which other important goals are also being addressed by this target?   | Edit Polygon |
|---|------|--|---------------------------------------|--|--|------------------------------|---|--|--------------|
| Reduce the 8 857.92 hectares of land affected by alien species through chemical and mechanical control methods  | 2030 | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 88.5                                  | <input type="checkbox"/> Avoid<br><input type="checkbox"/> Reduce<br><input checked="" type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Restore/improve multiple functions</li> <li>Reduce/halt conversion of multiple land uses</li> </ul>   | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| Maintain and improve land productivity on 137 545 hectares of forests that are currently stable but stressed  | 2030 | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 137.5                                 | <input type="checkbox"/> Avoid<br><input checked="" type="checkbox"/> Reduce<br><input type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Restore/improve tree-covered areas                         <ul style="list-style-type: none"> <li>Reduce/halt deforestation and conversion of tree cover to other land cover types (e.g. conserving forest land)</li> <li>Restore/improve grasslands</li> <li>Increase land productivity in tree covered areas</li> <li>Restore tree-covered areas</li> <li>Improve tree cover management e.g. fire management</li> </ul> </li> </ul> | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| Provide alternatives such as rural electrification, renewable energy sources, expanded energy for tobacco programme, provide sustainable fencing materials for fencing arable lands and for brick burning, enforce regulations on tree cutting for fuel wood sale and reduce deforestation to protect 297 000 hectares of forest land | 2030 | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2 970                                 | <input checked="" type="checkbox"/> Avoid<br><input type="checkbox"/> Reduce<br><input type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Restore/improve multiple land uses</li> <li>Restore/improve multiple functions</li> <li>Reduce/halt conversion of multiple land uses</li> </ul>   | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| Improve wetland management and restoration of 270 080 hectares of the country's severely degraded wetlands  | 2045 | whole country  | 2                                     | <input type="checkbox"/> Avoid<br><input type="checkbox"/> Reduce<br><input checked="" type="checkbox"/> Reverse | <ul style="list-style-type: none"> <li>Restore/improve wetlands                         <ul style="list-style-type: none"> <li>Restore/preserve wetlands and reduce degradation of wetlands</li> <li>Halt/reduce wetland conversion to other land uses (includes conserving wetlands)</li> </ul> </li> </ul>   | Ongoing                      | <input checked="" type="radio"/> Yes<br><input type="radio"/> No<br>Participation in the LDN Target Setting Programme | <ul style="list-style-type: none"> <li>Convention on Biological Diversity – National Biodiversity Strategies and Action Plans &amp; National Targets</li> <li>United Nations Framework Convention on Climate Change – Nationally Determined Contributions</li> </ul> |              |
| <b>Total</b>  |      |  | Sum of all targeted areas<br>75 387.9 |  |  |                              |   |  |              |



SO1.IA.T1: Areas of implemented action related to the targets (projects and initiatives on the ground).

| Relevant Target  | Implemented Action       | Location (placename)   | Action start date | Extent of action | Total Area Implemented So Far (km <sup>2</sup> ) | Edit Polygon |
|--|--------------------------|--|-------------------|------------------|--|--------------|
| Reforestation with local and exotic species on 6 455 250 hectares of forest converted to shrubs and on 215 050 hectares of forest converted to cropland  | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 66 703           | 66 703 .00                                       |              |
| Avoid further decline of forest through economic incentives (rehabilitation) of 2 820 hectares of land showing early signs of decline and having a declining productivity  | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 28 .2            | 28 .20   |              |
| Improve sustainable land management practices to avoid soil and gully erosion, encourage and enforce appropriate stoking rates on 175 250 hectares of shrubs, grasslands and sparsely vegetated areas showing early signs of decline   | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 1 752 .5         | 1 752 .50  |              |
| Use conservation farming and agro-forestry practices to improve cropland productivity on 361 250 hectares of cropland showing stable but stressed productivity and early signs of decline  | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 3 612 .5         | 3 612 .50  |              |
| Embark on land/catchment reclamation/restoration on 5 580 hectares of grazing and cropland affected by gully erosion   | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 55 .8            | 55 .80   |              |
| Enforce laws and regulations, embark on awareness programmes targeting illegal miners and rehabilitate 3 798.60 hectares affected by illegal mining  | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 37 .9            | 37 .90   |              |
| Reduce the 8 857.92 hectares of land affected by alien species through chemical and mechanical control methods   | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 88 .5            | 88 .50   |              |
| Maintain and improve land productivity on 137 545 hectares of forests that are currently stable but stressed   | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 137 .5           | 137 .50  |              |
| Provide alternatives such as rural electrification, renewable energy sources, expanded energy for tobacco programme, provide sustainable fencing materials for fencing arable lands and for brick burning , enforce regulations on tree cutting for fuel wood sale and reduce deforestation to protect 297 000 hectares of forest land | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 2 970            | 2 970 .00  |              |
| Improve wetland management and restoration of 270 080 hectares of the country's severely degraded wetlands   | Same As Targeted Actions | Mhondoro, Chivi, Shamva, Hwange, Umzingwane, Chipinge and Zvishavane districts | 2018-01-01        | 2                | 2 .00  |              |

| Relevant Target | Implemented Action | Location (placename) | Action start date | Extent of action | Total Area Implemented So Far (km <sup>2</sup> )  | Edit Polygon     |
|-----------------|--------------------|----------------------|-------------------|------------------|---|------------------|
|                 |                    |                      |                   |                  | Sum of all areas relevant to actions under the same target  |                  |
|                 |                    |                      |                   |                  | Reforestation with local and exotic species on 6 455 250 hectares of forest converted to shrubs and on 215 050 hectares of forest converted to cropland:  | 66<br>703<br>.00 |
|                 |                    |                      |                   |                  | Avoid further decline of forest through economic incentives (rehabilitation) of 2 820 hectares of land showing early signs of decline and having a declining productivity:  | 28<br>.20        |
|                 |                    |                      |                   |                  | Improve sustainable land management practices to avoid soil and gully erosion, encourage and enforce appropriate stoking rates on 175 250 hectares of shrubs, grasslands and sparsely vegetated areas showing early signs of decline :  | 1<br>752<br>.50  |
|                 |                    |                      |                   |                  | Use conservation farming and agro-forestry practices to improve cropland productivity on 361 250 hectares of cropland showing stable but stressed productivity and early signs of decline:  | 3<br>612<br>.50  |
|                 |                    |                      |                   |                  | Embark on land/catchment reclamation/restoration on 5 580 hectares of grazing and cropland affected by gully erosion:   | 55<br>.80        |
|                 |                    |                      |                   |                  | Enforce laws and regulations, embark on awareness programmes targeting illegal miners and rehabilitate 3 798.60 hectares affected by illegal mining:  | 37<br>.90        |
|                 |                    |                      |                   |                  | Reduce the 8 857.92 hectares of land affected by alien species through chemical and mechanical control methods:   | 88<br>.50        |
|                 |                    |                      |                   |                  | Maintain and improve land productivity on 137 545 hectares of forests that are currently stable but stressed:   | 137<br>.50       |
|                 |                    |                      |                   |                  | Provide alternatives such as rural electrification, renewable energy sources, expanded energy for tobacco programme, provide sustainable fencing materials for fencing arable lands and for brick burning , enforce regulations on tree cutting for fuel wood sale and reduce deforestation to protect 297 000 hectares of forest land: | 2<br>970<br>.00  |
|                 |                    |                      |                   |                  | Improve wetland management and restoration of 270 080 hectares of the country's severely degraded wetlands:   | 2<br>.00         |

**General comments**

The implementation started when the LDN targets were adopted by the Government of Zimbabwe.

## SO2-1 Trends in population living below the relative poverty line and/or income inequality in affected areas

### Relevant metric

Choose the metric that is relevant to your country:

- Proportion of population below the international poverty line
- Income inequality (Gini Index)

Proportion of population below the international poverty line

SO2-1.T1: National estimates of the proportion of population below the international poverty line

| Year  | Proportion of population below international poverty line (%) |
|-------|---|
| 2 000 |   |
| 2 001 |   |
| 2 002 |   |
| 2 003 |   |
| 2 004 |   |
| 2 005 |   |
| 2 006 |   |
| 2 007 |   |
| 2 008 |   |
| 2 009 |   |
| 2 010 |   |
| 2 011 | 21.4  |
| 2 012 |   |
| 2 013 |   |
| 2 014 |   |
| 2 015 |   |
| 2 016 |   |
| 2 017 | 33.9  |
| 2 018 |   |
| 2 019 | 39.5  |
| 2 020 |   |

### Qualitative assessment

SO2-1.T3: Interpretation of the indicator

| Indicator metric  | Change in the indicator | Comments   |
|---|-------------------------|--|
| Proportion of population below the international poverty line | Increase                | climate change resulted in increased drought leading to inflation during the reporting period. |

### General comments

The annual Zimbabwe Vulnerability Assessment Committee (ZimVAC) reports on the Food Poverty Line, which hints at the International Poverty Line, without giving percentages of the population. The Food Poverty Line reported in the ZimVac reports indicates a progressively (2016-2019) increasing population living below the International Poverty Line.

## SO2-2 Trends in access to safe drinking water in affected areas

### Proportion of population using safely managed drinking water services

#### SO2-2.T1: National estimates of the proportion of population using safely managed drinking water services

| Year | Urban (%) | Rural (%) | Total (%) |
|------|-----------|-----------|-----------|
| 2000 | 64        | 17        | 33        |
| 2001 | 64        | 17        | 33        |
| 2002 | 64        | 17        | 33        |
| 2003 | 64        | 17        | 33        |
| 2004 | 64        | 17        | 33        |
| 2005 | 64        | 16        | 33        |
| 2006 | 64        | 16        | 33        |
| 2007 | 64        | 16        | 32        |
| 2008 | 64        | 16        | 32        |
| 2009 | 64        | 15        | 32        |
| 2010 | 64        | 15        | 32        |
| 2011 | 65        | 15        | 31        |
| 2012 | 65        | 15        | 31        |
| 2013 | 65        | 14        | 31        |
| 2014 | 65        | 14        | 31        |
| 2015 | 65        | 14        | 30        |
| 2016 | 65        | 14        | 30        |
| 2017 | 65        | 14        | 30        |
| 2018 | 65        | 13        | 30        |
| 2019 | 65        | 13        | 30        |
| 2020 | 65        | 13        | 30        |

### Qualitative assessment

#### SO2-2.T2: Interpretation of the indicator

| Change in the indicator | Comments  |
|-------------------------|---|
| No change               | There was no change in the indicator over the reporting period. |

### General comments

The figures are correct as confirmed with data available at <http://154.120.240.158/rwims/Account/Login?returnUrl=~%2FHouseholdWater%2FIndex>

## SO2-3 Trends in the proportion of population exposed to land degradation disaggregated by sex

### Proportion of the population exposed to land degradation disaggregated by sex

SO2-3.T1: National estimates of the proportion of population exposed to land degradation disaggregated by sex.

| Time period      | Population exposed (count) | Percentage of total population exposed (%) | Female population exposed (count) | Percentage of total female population exposed (%) | Male population exposed (count) | Percentage of total male population exposed (%) |
|------------------|----------------------------|--|-----------------------------------|---|---------------------------------|---|
| Baseline period  | 1611097                    | 12.5                                       | 791212                            | 12.4  | 819885                          | 12.7  |
| Reporting period | 1420196                    | 10.4                                       | 688832                            | 10.3  | 731364                          | 10.6  |

### Qualitative assessment

SO2-3.T2: Interpretation of the indicator

| Change in the indicator | Comments   |
|-------------------------|--|
| Decrease                | The percentage of the total population exposed to land degradation decreased by approximately 2.0 percentage points during the reporting period. |
|                         |  |

### General comments

## SO2 Voluntary Targets

### SO2-VT.T1

| Target   | Year | Level of application | Status of target achievement | Comments |
|--|------|----------------------|------------------------------|----------|
| Vision 2030 seeks to fundamentally transform Zimbabwe to an upper middle income economy, with a per capita Gross National Income of over US\$5000 in real terms by 2030, from the current US\$1 440  | 2030 | National             | Ongoing                      |          |
| Employment Rates will be raised upwards by 80 percent, defined to cover all those in formal employment   | 2030 | National             | Ongoing                      |          |
| Further, there will be a progressive reduction in the Poverty Rate, initially to under 25 percent of the population by 2030, from 62.5 percent in 2012, consistent with upper middle income economies. The country will have achieved the SDGs, well on its way to achieving Agenda 2063               | 2030 | National             | Ongoing                      |          |
| Vision 2030 targets increasing the number of households accessing electricity from 52.2 percent in 2017 to over 72 percent by 2030. Rural households' access to electricity will increase to 60 percent from 27.7 percent, while urban households' access will increase to 95 percent from 86 percent. | 2030 | National             | Ongoing                      |          |
| By 2030, it is envisaged that Zimbabwean households will have universal access to improved sources of water, up from 81 percent in 2017.   | 2030 | National             | Ongoing                      |          |
| Further, it strives for an average Life Expectancy of over 65 years from the current 60 years, and scoring in the upper echelons of the Happiness and Prosperity Indices.  | 2030 | National             | Ongoing                      |          |
| Noticeable improvements will also be in the areas of awareness, knowledge adoption, food security, affordable and accessible education and health services, infrastructure development, and economic empowerment   | 2030 | National             | Ongoing                      |          |

### General comments

Source: <http://www.zim.gov.zw/index.php/en/government-documents/category/1-vision-2030>

## SO3-1 Trends in the proportion of land under drought over the total land area

### Drought hazard indicator

SO3-1.T1: National estimates of the land area in each drought intensity class as defined by the Standardized Precipitation Index (SPI) or other nationally relevant drought indices

|      | Drought intensity classes       |                                     |                                   |                                    |                                |
|------|---------------------------------|-------------------------------------|-----------------------------------|------------------------------------|--------------------------------|
|      | Mild drought (km <sup>2</sup> ) | Moderate drought (km <sup>2</sup> ) | Severe drought (km <sup>2</sup> ) | Extreme drought (km <sup>2</sup> ) | Non-drought (km <sup>2</sup> ) |
| 2000 | 0                               | 0                                   | 0                                 | 0                                  | 391 044                        |
| 2001 | 4 618                           | 0                                   | 0                                 | 0                                  | 386 427                        |
| 2002 | 69 786                          | 107 183                             | 144 682                           | 69 304                             | 90                             |
| 2003 | 188 308                         | 75 454                              | 1 988                             | 0                                  | 125 295                        |
| 2004 | 35 416                          | 0                                   | 0                                 | 0                                  | 355 629                        |
| 2005 | 198 813                         | 58 965                              | 30 779                            | 4 840                              | 97 648                         |
| 2006 | 129 642                         | 12 239                              | 4 620                             | 1                                  | 244 542                        |
| 2007 | 56 829                          | 15 576                              | 8 883                             | 0                                  | 309 756                        |
| 2008 | 154 790                         | 31 621                              | 0                                 | 0                                  | 204 633                        |
| 2009 | 190 168                         | 59 139                              | 11 366                            | 308                                | 130 063                        |
| 2010 | 163 563                         | 0                                   | 0                                 | 0                                  | 227 481                        |
| 2011 | 72 505                          | 0                                   | 0                                 | 0                                  | 318 539                        |
| 2012 | 136 340                         | 60 597                              | 68 421                            | 56 520                             | 69 166                         |
| 2013 | 123 377                         | 0                                   | 0                                 | 0                                  | 267 668                        |
| 2014 | 7 533                           | 10                                  | 0                                 | 0                                  | 383 501                        |
| 2015 | 163 993                         | 105 581                             | 83 062                            | 17 288                             | 21 121                         |
| 2016 | 289 951                         | 28 865                              | 2 310                             | 0                                  | 69 918                         |
| 2017 | 8 829                           | 0                                   | 0                                 | 0                                  | 382 216                        |
| 2018 | 69 187                          | 14 038                              | 5 105                             | 0                                  | 302 714                        |
| 2019 | 104 834                         | 74 163                              | 62 884                            | 122 954                            | 26 210                         |
| 2020 |                                 |                                     |                                   |                                    |                                |
| 2021 |                                 |                                     |                                   |                                    |                                |

SO3-1.T2: Summary table for land area under drought without class break down

|      | Total area under drought (km <sup>2</sup> ) | Proportion of land under drought (%) |
|------|---|--------------------------------------|
| 2000 | 0   | 0.0                                  |
| 2001 | 4 618                                       | 1.2                                  |
| 2002 | 386 595                                     | 100.0                                |
| 2003 | 265 750                                     | 68.7                                 |
| 2004 | 35 416                                      | 9.2                                  |
| 2005 | 293 397                                     | 75.9                                 |



SO-3: To mitigate, adapt to, and manage the effects of drought in order to enhance resilience of vulnerable populations and ecosystems.

|      | Total area under drought (km <sup>2</sup> ) | Proportion of land under drought (%) |
|------|---|--------------------------------------|
| 2006 | 146 502                                     | 37.9                                 |
| 2007 | 81 288                                      | 21.0                                 |
| 2008 | 186 411                                     | 48.2                                 |
| 2009 | 260 982                                     | 67.5                                 |
| 2010 | 163 563                                     | 42.3                                 |
| 2011 | 72 505                                      | 18.8                                 |
| 2012 | 321 879                                     | 83.3                                 |
| 2013 | 123 377                                     | 31.9                                 |
| 2014 | 7 543                                       | 2.0                                  |
| 2015 | 369 923                                     | 95.7                                 |
| 2016 | 321 126                                     | 83.1                                 |
| 2017 | 8 829                                       | 2.3                                  |
| 2018 | 88 331                                      | 22.9                                 |
| 2019 | 364 835                                     | 94.4                                 |
| 2020 |   | -                                    |
| 2021 |   | -                                    |

**Qualitative assessment:**

The trends in the area affected by drought during the reporting period can best be described as fluctuation.

**General comments**

## SO3-2 Trends in the proportion of the population exposed to drought

### Drought exposure indicator

Exposure is defined in terms of the number of people who are exposed to drought as calculated from the SO3-1 indicator data.

SO3-2.T1: National estimates of the percentage of the total population within each drought intensity class as well as the total population count and the proportion of the national population exposed to drought regardless of intensity.

| Reporting year | Non-exposed      |       | Mild drought     |      | Moderate drought |      | Severe drought   |      | Extreme drought  |      | Exposed population |       |
|----------------|------------------|-------|------------------|------|------------------|------|------------------|------|------------------|------|--------------------|-------|
|                | Population count | %     | Population count | %    | Population count | %    | Population count | %    | Population count | %    | Population count   | %     |
| 2000           | 10423487         | 100.0 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 0                  | 0.0   |
| 2001           | 10597445         | 99.7  | 27520            | 0.3  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 27 520             | 0.3   |
| 2002           | 0                | 0.0   | 1245842          | 11.5 | 2587891          | 23.8 | 5973222          | 55.0 | 1050077          | 9.7  | 10 857 032         | 100.0 |
| 2003           | 2808826          | 25.6  | 4309095          | 39.3 | 3751849          | 34.2 | 97921            | 0.9  | 0                | 0.0  | 8 158 865          | 74.4  |
| 2004           | 9909786          | 88.5  | 1287472          | 11.5 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 1 287 472          | 11.5  |
| 2005           | 2419461          | 21.4  | 6979155          | 61.7 | 1402347          | 12.4 | 410374           | 3.6  | 92317            | 0.8  | 8 884 193          | 78.6  |
| 2006           | 4403811          | 38.5  | 4366827          | 38.2 | 2490955          | 21.8 | 169871           | 1.5  | 0                | 0.0  | 7 027 653          | 61.5  |
| 2007           | 9844047          | 84.8  | 1627808          | 14.0 | 109442           | 0.9  | 33828            | 0.3  | 0                | 0.0  | 1 771 078          | 15.2  |
| 2008           | 7353869          | 62.6  | 3718649          | 31.7 | 674892           | 5.7  | 0                | 0.0  | 0                | 0.0  | 4 393 541          | 37.4  |
| 2009           | 2260592          | 19.0  | 5035018          | 42.2 | 4152949          | 34.8 | 470688           | 3.9  | 2167             | 0.0  | 9 660 822          | 81.0  |
| 2010           | 4860759          | 40.2  | 7235237          | 59.8 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 7 235 237          | 59.8  |
| 2011           | 11088296         | 90.8  | 1120545          | 9.2  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 1 120 545          | 9.2   |
| 2012           | 1152271          | 9.3   | 6827227          | 55.0 | 2035498          | 16.4 | 1595208          | 12.9 | 800967           | 6.5  | 11 258 900         | 90.7  |
| 2013           | 9380821          | 74.5  | 3216645          | 25.5 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 3 216 645          | 25.5  |
| 2014           | 12512353         | 99.0  | 130735           | 1.0  | 34               | 0.0  | 0                | 0.0  | 0                | 0.0  | 130 769            | 1.0   |
| 2015           | 530973           | 4.1   | 4656353          | 36.3 | 3171812          | 24.7 | 3982933          | 31.0 | 500673           | 3.9  | 12 311 771         | 95.9  |
| 2016           | 2425252          | 18.6  | 9910721          | 75.9 | 717674           | 5.5  | 2579             | 0.0  | 0                | 0.0  | 10 630 974         | 81.4  |
| 2017           | 12828048         | 97.0  | 392592           | 3.0  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 392 592            | 3.0   |
| 2018           | 8463519          | 63.1  | 3867470          | 28.8 | 828681           | 6.2  | 251776           | 1.9  | 0                | 0.0  | 4 947 927          | 36.9  |
| 2019           | 744413           | 5.5   | 3227922          | 23.8 | 3307889          | 24.4 | 2168529          | 16.0 | 4124661          | 30.4 | 12 829 001         | 94.5  |
| 2020           | -                | -     | -                | -    | -                | -    | -                | -    | -                | -    | -                  | -     |
| 2021           | -                | -     | -                | -    | -                | -    | -                | -    | -                | -    | -                  | -     |

SO3-2.T2: National estimates of the percentage of the female population within each drought intensity class.

| Reporting year | Non-exposed      |       | Mild drought     |     | Moderate drought |     | Severe drought   |     | Extreme drought  |     | Exposed female population |     |
|----------------|------------------|-------|------------------|-----|------------------|-----|------------------|-----|------------------|-----|---------------------------|-----|
|                | Population count | %     | Population count | %   | Population count | %   | Population count | %   | Population count | %   | Population count          | %   |
| 2000           | 5274588          | 100.0 | 0                | 0.0 | 0                | 0.0 | 0                | 0.0 | 0                | 0.0 | 0                         | 0.0 |

SO-3: To mitigate, adapt to, and manage the effects of drought in order to enhance resilience of vulnerable populations and ecosystems.

| Reporting year | Non-exposed      |      | Mild drought     |      | Moderate drought |      | Severe drought   |      | Extreme drought  |      | Exposed female population |       |
|----------------|------------------|------|------------------|------|------------------|------|------------------|------|------------------|------|---------------------------|-------|
|                | Population count | %    | Population count | %    | Population count | %    | Population count | %    | Population count | %    | Population count          | %     |
| 2001           | 5360613          | 99.7 | 14104            | 0.3  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 14 104                    | 0.3   |
| 2002           | 0                | 0.0  | 638250           | 11.6 | 1330174          | 24.2 | 2992783          | 54.4 | 538036           | 9.8  | 5 499 243                 | 100.0 |
| 2003           | 1461924          | 26.2 | 2183724          | 39.1 | 1886389          | 33.8 | 49678            | 0.9  | 0                | 0.0  | 4 119 791                 | 73.8  |
| 2004           | 5067582          | 88.5 | 657819           | 11.5 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 657 819                   | 11.5  |
| 2005           | 1266395          | 21.8 | 3570139          | 61.3 | 722233           | 12.4 | 214707           | 3.7  | 47962            | 0.8  | 4 555 041                 | 78.2  |
| 2006           | 2319487          | 39.1 | 2263626          | 38.2 | 1259335          | 21.2 | 88272            | 1.5  | 0                | 0.0  | 3 611 233                 | 60.9  |
| 2007           | 5139369          | 84.6 | 857144           | 14.1 | 58942            | 1.0  | 19072            | 0.3  | 0                | 0.0  | 935 158                   | 15.4  |
| 2008           | 3835544          | 61.9 | 1993368          | 32.2 | 367229           | 5.9  | 0                | 0.0  | 0                | 0.0  | 2 360 597                 | 38.1  |
| 2009           | 1202846          | 19.1 | 2697869          | 42.8 | 2155929          | 34.2 | 245215           | 3.9  | 1248             | 0.0  | 5 100 261                 | 80.9  |
| 2010           | 2597146          | 40.8 | 3763168          | 59.2 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 3 763 168                 | 59.2  |
| 2011           | 5754954          | 90.7 | 589912           | 9.3  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 589 912                   | 9.3   |
| 2012           | 593118           | 9.3  | 3443214          | 54.1 | 1055169          | 16.6 | 845561           | 13.3 | 425447           | 6.7  | 5 769 391                 | 90.7  |
| 2013           | 4731185          | 74.3 | 1640287          | 25.7 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 1 640 287                 | 25.7  |
| 2014           | 6255828          | 99.0 | 64935            | 1.0  | 15               | 0.0  | 0                | 0.0  | 0                | 0.0  | 64 950                    | 1.0   |
| 2015           | 266777           | 4.2  | 2320282          | 36.4 | 1565946          | 24.5 | 1965887          | 30.8 | 262280           | 4.1  | 6 114 395                 | 95.8  |
| 2016           | 1202797          | 18.6 | 4894174          | 75.7 | 366541           | 5.7  | 1316             | 0.0  | 0                | 0.0  | 5 262 031                 | 81.4  |
| 2017           | 6337662          | 97.1 | 188806           | 2.9  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 188 806                   | 2.9   |
| 2018           | 4189679          | 63.3 | 1885483          | 28.5 | 416098           | 6.3  | 126308           | 1.9  | 0                | 0.0  | 2 427 889                 | 36.7  |
| 2019           | 379865           | 5.7  | 1611944          | 24.1 | 1592439          | 23.8 | 1076282          | 16.1 | 2034090          | 30.4 | 6 314 755                 | 94.3  |
| 2020           | -                | -    | -                | -    | -                | -    | -                | -    | -                | -    | -                         | -     |
| 2021           | -                | -    | -                | -    | -                | -    | -                | -    | -                | -    | -                         | -     |

SO3-2.T3: National estimates of the percentage of the male population within each drought intensity class.

| Reporting year | Non-exposed      |       | Mild drought     |      | Moderate drought |      | Severe drought   |      | Extreme drought  |     | Exposed male population |       |
|----------------|------------------|-------|------------------|------|------------------|------|------------------|------|------------------|-----|-------------------------|-------|
|                | Population count | %     | Population count | %    | Population count | %    | Population count | %    | Population count | %   | Population count        | %     |
| 2000           | 5148899          | 100.0 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0 | 0                       | 0.0   |
| 2001           | 5236832          | 99.7  | 13416            | 0.3  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0 | 13 416                  | 0.3   |
| 2002           | 0                | 0.0   | 607592           | 11.3 | 1257717          | 23.5 | 2980439          | 55.6 | 512041           | 9.6 | 5 357 789               | 100.0 |
| 2003           | 1346902          | 25.0  | 2125371          | 39.5 | 1865460          | 34.6 | 48243            | 0.9  | 0                | 0.0 | 4 039 074               | 75.0  |
| 2004           | 4842204          | 88.5  | 629653           | 11.5 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0 | 629 653                 | 11.5  |
| 2005           | 1153066          | 21.0  | 3409016          | 62.2 | 680114           | 12.4 | 195667           | 3.6  | 44355            | 0.8 | 4 329 152               | 79.0  |

SO-3: To mitigate, adapt to, and manage the effects of drought in order to enhance resilience of vulnerable populations and ecosystems.

| Reporting year | Non-exposed      |      | Mild drought     |      | Moderate drought |      | Severe drought   |      | Extreme drought  |      | Exposed male population |      |
|----------------|------------------|------|------------------|------|------------------|------|------------------|------|------------------|------|-------------------------|------|
|                | Population count | %    | Population count | %    | Population count | %    | Population count | %    | Population count | %    | Population count        | %    |
| 2006           | 2084324          | 37.9 | 2103201          | 38.2 | 1231620          | 22.4 | 81599            | 1.5  | 0                | 0.0  | 3 416 420               | 62.1 |
| 2007           | 4704678          | 84.9 | 770664           | 13.9 | 50500            | 0.9  | 14756            | 0.3  | 0                | 0.0  | 835 920                 | 15.1 |
| 2008           | 3518325          | 63.4 | 1725281          | 31.1 | 307663           | 5.5  | 0                | 0.0  | 0                | 0.0  | 2 032 944               | 36.6 |
| 2009           | 1057746          | 18.8 | 2337149          | 41.6 | 1997020          | 35.5 | 225473           | 4.0  | 919              | 0.0  | 4 560 561               | 81.2 |
| 2010           | 2263613          | 39.5 | 3472069          | 60.5 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 3 472 069               | 60.5 |
| 2011           | 5333342          | 91.0 | 530633           | 9.0  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 530 633                 | 9.0  |
| 2012           | 559153           | 9.2  | 3384013          | 55.9 | 980329           | 16.2 | 749647           | 12.4 | 375520           | 6.2  | 5 489 509               | 90.8 |
| 2013           | 4649636          | 74.7 | 1576358          | 25.3 | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 1 576 358               | 25.3 |
| 2014           | 6256525          | 99.0 | 65800            | 1.0  | 19               | 0.0  | 0                | 0.0  | 0                | 0.0  | 65 819                  | 1.0  |
| 2015           | 264196           | 4.1  | 2336071          | 36.2 | 1605866          | 24.9 | 2017046          | 31.2 | 238393           | 3.7  | 6 197 376               | 95.9 |
| 2016           | 1222455          | 18.5 | 5016547          | 76.1 | 351133           | 5.3  | 1263             | 0.0  | 0                | 0.0  | 5 368 943               | 81.5 |
| 2017           | 6490386          | 97.0 | 203786           | 3.0  | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  | 203 786                 | 3.0  |
| 2018           | 4273840          | 62.9 | 1981987          | 29.2 | 412583           | 6.1  | 125468           | 1.8  | 0                | 0.0  | 2 520 038               | 37.1 |
| 2019           | 364548           | 5.3  | 1615978          | 23.5 | 1715450          | 24.9 | 1092247          | 15.9 | 2090571          | 30.4 | 6 514 246               | 94.7 |
| 2020           |                  | -    |                  | -    |                  | -    |                  | -    |                  | -    | -                       | -    |
| 2021           |                  | -    |                  | -    |                  | -    |                  | -    |                  | -    | -                       | -    |

### Qualitative assessment

#### Interpretation of the indicator

The percentage of the population exposed to drought in Zimbabwe fluctuated over the reporting period.

#### General comments

## SO3-3 Trends in the degree of drought vulnerability

### Drought Vulnerability Index

#### SO3-3.T1: National estimates of the Drought Vulnerability Index

| Year | Total country-level DVI value (tier 1) | Male DVI value (tiers 2 and 3 only) | Female DVI value (tiers 2 and 3 only) |
|------|--|-------------------------------------|---------------------------------------|
| 2000 |  |                                     |                                       |
| 2001 |  |                                     |                                       |
| 2002 |  |                                     |                                       |
| 2003 |  |                                     |                                       |
| 2004 |  |                                     |                                       |
| 2005 |  |                                     |                                       |
| 2006 |  |                                     |                                       |
| 2007 |  |                                     |                                       |
| 2008 |  |                                     |                                       |
| 2009 |  |                                     |                                       |
| 2010 |  |                                     |                                       |
| 2011 |  |                                     |                                       |
| 2012 |  |                                     |                                       |
| 2013 |  |                                     |                                       |
| 2014 |  |                                     |                                       |
| 2015 |  |                                     |                                       |
| 2016 |  |                                     |                                       |
| 2017 |  |                                     |                                       |
| 2018 | 0.66                                   |                                     |                                       |
| 2019 |  |                                     |                                       |
| 2020 |  |                                     |                                       |
| 2021 |  |                                     |                                       |

### Method

Which tier level did you use to compute the DVI?

- Tier 1 Vulnerability Assessment ⓘ
- Tier 2 Vulnerability Assessment ⓘ
- Tier 3 Vulnerability Assessment ⓘ

### Qualitative assessment

SO3-3.T2: Interpretation of the indicator

| Change in the indicator | Comments |
|-------------------------|----------|
|                         |          |

### General comments

Zimbabwe lacks data on this indicator.

## S03 Voluntary Targets

### S03-VT.T1

| Target   | Year | Level of application | Status of target achievement | Comments |
|--|------|----------------------|------------------------------|----------|
| Vision 2030 will prioritise improving agricultural productivity through promotion of market based investments in sustainable farm mechanisation programmes that improve farmer access to agricultural equipment and implements, under either purchase or leasing arrangements                    | 2030 | National             | Ongoing                      |          |
| The attainment of food security and nutrition will be premised on strong research and development undertakings, coupled with the use of advanced technologies, including at the village level.   | 2030 | National             | Ongoing                      |          |
| Government, in conjunction with development partners, will broaden climate change mitigation and adaptation activities to include critical elements such as water management and harvesting measures to mitigate the effects of drought, respect for biodiversity and wetland management issues. | 2030 | National             | Ongoing                      |          |
| Government will implement an Irrigation Master Plan to rehabilitate and establish smallholder farmer irrigation facilities covering 200 hectares per Administrative District, per year for the next 10 years.  | 2030 | National             | Ongoing                      |          |

### General comments

Source: <http://www.zim.gov.zw/index.php/en/government-documents/category/1-vision-2030>

# S04-1 Trends in carbon stocks above and below ground

## Soil organic carbon stocks

Trends in carbon stock above and below ground is a multi-purpose indicator used to measure progress towards both strategic objectives 1 and 4. Quantitative data and a qualitative assessment of trends in this indicator are reported under strategic objective 1, progress indicator S01-3.

## SO4-2 Trends in abundance and distribution of selected species

### SO4-2.T1: National estimates of the Red List Index of species survival

| Year | Red List Index | Lower Bound | Upper Bound | Comment             |
|------|----------------|-------------|-------------|---------------------|
| 2000 | 0.79986        | 0.79771     | 0.8009      | Verified as correct |
| 2001 | 0.79951        | 0.79736     | 0.80054     | Verified as correct |
| 2002 | 0.79915        | 0.79705     | 0.8002      | Verified as correct |
| 2003 | 0.79881        | 0.79677     | 0.79983     | Verified as correct |
| 2004 | 0.7984         | 0.79616     | 0.79942     | Verified as correct |
| 2005 | 0.79811        | 0.79579     | 0.79907     | Verified as correct |
| 2006 | 0.79769        | 0.79488     | 0.79869     | Verified as correct |
| 2007 | 0.79732        | 0.79454     | 0.79854     | Verified as correct |
| 2008 | 0.79682        | 0.79362     | 0.79836     | Verified as correct |
| 2009 | 0.79638        | 0.79245     | 0.79833     | Verified as correct |
| 2010 | 0.79612        | 0.79232     | 0.79833     | Verified as correct |
| 2011 | 0.79552        | 0.79147     | 0.79821     | Verified as correct |
| 2012 | 0.79509        | 0.79066     | 0.79818     | Verified as correct |
| 2013 | 0.79463        | 0.79012     | 0.79841     | Verified as correct |
| 2014 | 0.79419        | 0.7893      | 0.79835     | Verified as correct |
| 2015 | 0.79376        | 0.78872     | 0.79844     | Verified as correct |
| 2016 | 0.79335        | 0.78743     | 0.79845     | Verified as correct |
| 2017 | 0.79304        | 0.78724     | 0.79845     | Verified as correct |
| 2018 | 0.79264        | 0.78621     | 0.79847     | Verified as correct |
| 2019 | 0.79229        | 0.78555     | 0.79863     | Verified as correct |
| 2020 | 0.79199        | 0.78502     | 0.7988      | Verified as correct |

### Qualitative assessment

#### SO4-2.T2: Interpretation of the indicator

| Change in the indicator | Drivers: Direct (Choose one or more items) | Drivers: Indirect (Choose one or more items) | Which levers are being used to reverse negative trends and enable transformative change? | Responses that led to positive RLI trends | Comments |
|-------------------------|--|--|--|---|----------|
|                         |  |  |  |   |          |



SO-4: To generate global environmental benefits through effective implementation of the United Nations Convention to Combat Desertification.

| Change in the indicator | Drivers: Direct (Choose one or more items)  | Drivers: Indirect (Choose one or more items)   | Which levers are being used to reverse negative trends and enable transformative change?  | Responses that led to positive RLI trends | Comments |
|-------------------------|---|--|---|---|----------|
| Negative                | <ol style="list-style-type: none"> <li>1. Land-use change</li> <li>2. Overexploitation</li> <li>3. Climate change</li> <li>4. Invasive alien species</li> <li>5. Pollution</li> </ol> | <ol style="list-style-type: none"> <li>1. Human Population Dynamics and Trends</li> <li>2. Trade</li> <li>3. Production and Consumption Patterns</li> <li>4. Technological Innovations</li> <li>5. Local to Global Governance</li> </ol> | <ol style="list-style-type: none"> <li>1. Incentives and Capacity-Building</li> <li>2. Environmental Law and Implementation</li> <li>3. Decision-making in the Context of Resilience and Uncertainty</li> <li>4. Cross-Sectoral Cooperation</li> <li>5. Pre-Emptive Action</li> </ol> |   |          |

### General comments

The Red List Index showed an insignificant decrease in species survival from the year 2015 to the year 2019. Zimbabwe has been and is making concerted efforts to conserve keystone species through the intensification of law enforcement efforts and other management initiatives such as development and updating of Protected Area Management Plans and Species Specific Plans. Key Species Specific Plans include the Lion and Cheetah Action Plan, Elephant Management Plan, Leopard Action Plan. Various partnership models have been entered into with the Government of Zimbabwe through the Ministry of Environment, Climate, Tourism and Hospitality Industry and the Zimbabwe Parks and Wildlife Management Authority (Zimparks) to conserve species. Such other entities are not limited to UNDP - GEF 6 and GEF 7, UN Food and Agricultural Organization (FAO), International Fund for Animal Welfare (IFAW), African Parks Foundation, PANTHERA, Gonarezhou Trust with Frankfurt Zoological Society, Peace Parks Foundation, Tikki Hywood among others. A lot of work is ongoing within the country and also being strengthened at Regional level through 6 transboundary/ transfrontier initiatives at various stages of implementation. A lot of research and monitoring activities are ongoing more particularly national Elephant Monitoring, National Leopard and Cheetah Survey, Carnivore Monitoring, Fire Monitoring through NASA Firms among others.

### SO4-3 Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type

#### SO4-3.T1: National estimates of the average proportion of Terrestrial KBAs covered by protected areas (%)

| Year | Protected Areas Coverage(%) | Lower Bound | Upper Bound | Comments |
|------|-----------------------------|-------------|-------------|----------|
| 2000 | 63.95                       | 53 .8       | 63 .95      |          |
| 2001 | 63.95                       | 53 .8       | 63 .95      |          |
| 2002 | 76.11                       | 70 .85      | 76 .11      |          |
| 2003 | 76.11                       | 70 .85      | 76 .11      |          |
| 2004 | 76.11                       | 70 .85      | 76 .11      |          |
| 2005 | 76.11                       | 70 .85      | 76 .11      |          |
| 2006 | 76.11                       | 70 .85      | 76 .11      |          |
| 2007 | 76.11                       | 70 .85      | 76 .11      |          |
| 2008 | 76.11                       | 70 .85      | 76 .11      |          |
| 2009 | 76.11                       | 70 .85      | 76 .11      |          |
| 2010 | 76.11                       | 70 .85      | 76 .11      |          |
| 2011 | 76.11                       | 70 .85      | 76 .11      |          |
| 2012 | 76.11                       | 70 .85      | 76 .11      |          |
| 2013 | 81.22                       | 81 .22      | 81 .22      |          |
| 2014 | 81.22                       | 81 .22      | 81 .22      |          |
| 2015 | 81.22                       | 81 .22      | 81 .22      |          |
| 2016 | 81.22                       | 81 .22      | 81 .22      |          |
| 2017 | 81.22                       | 81 .22      | 81 .22      |          |
| 2018 | 81.22                       | 81 .22      | 81 .22      |          |
| 2019 | 81.22                       | 81 .22      | 81 .22      |          |
| 2020 | 81.22                       | 81 .22      | 81 .22      |          |

#### Qualitative assessment

##### SO4-3.T2: Interpretation of the indicator

| Qualitative Assessment | Comment  |
|------------------------|--|
| No Change              | There has been no change in the proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas. |

#### General comments

## SO4 Voluntary Targets

### SO4-VT.T1

| Target  | Year | Level of application | Status of target achievement | Comments  |
|---|------|----------------------|------------------------------|---|
| Improve sustainable land management systems to maintain the current soil organic carbon level beyond 2045, forest at 42.3 tons/ha, shrubs, grasslands and sparsely vegetated areas at 38.6 tons/ha, cropland at 38.9 tons/ha and wetlands at 52,2 tons/ha | 2045 | National             | Ongoing                      | Source: <a href="https://www.unccd.int/sites/default/files/ldn_targets/Zimbabwe%20LDN%20TSP%20Country%20Report.pdf">https://www.unccd.int/sites/default/files/ldn_targets/Zimbabwe%20LDN%20TSP%20Country%20Report.pdf</a> |

### Complementary information

Source: [https://www.unccd.int/sites/default/files/ldn\\_targets/Zimbabwe%20LDN%20TSP%20Country%20Report.pdf](https://www.unccd.int/sites/default/files/ldn_targets/Zimbabwe%20LDN%20TSP%20Country%20Report.pdf)

## S05-1 Bilateral and multilateral public resources

**Tier 1: Please provide information on the international public resources provided and received for the implementation of the Convention, including information on trends.**

Trends in international bilateral and multilateral public resources provided

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

Trends in international bilateral and multilateral public resources received

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

The Government of Zimbabwe reached out to the international world following the engagement and re-engagement policy since 2017.

The government made a deliberate effort to attract higher flows of foreign direct investment to Zimbabwe during the reporting period, as explained in ZimbabweVision 2030 <http://www.zim.gov.zw/index.php/en/government-documents/category/1-vision-2030>

Tier 2: Table 1 Financial resources provided and received

| Provided / Received       | Year | Total Amount USD            |                            |
|---------------------------|------|-----------------------------|----------------------------|
|                           |      | Committed                   | Disbursed / Received       |
| Provided                  | 2016 | Committed<br>0              | Disbursed<br>652 750 000   |
| Provided                  | 2017 | Committed<br>0              | Disbursed<br>725 840 026   |
| Provided                  | 2018 | Committed<br>0              | Disbursed<br>794 510 009   |
| Provided                  | 2019 | Committed<br>0              | Disbursed<br>842 750 000   |
| Received                  | 2016 | Committed<br>18 340 066 .29 | Received<br>34 291 700 .39 |
| Received                  | 2017 | Committed<br>3 448 238 .23  | Received<br>26 157 964 .04 |
| Received                  | 2018 | Committed<br>63 904 923 .77 | Received<br>15 706 326 .45 |
| Received                  | 2019 | Committed<br>7 771 801 .73  | Received<br>6 524 245 .90  |
| Total resources provided: |      | 0                           | 3 015 850 035              |
| Total resources received: |      | 93 465 030 .02              | 82 680 236 .78             |

### Documentation box

|  | Explanation  |
|--|--|
| Year   | All the information for the reporting period is available here: <a href="https://data.worldbank.org/indicator/DT.ODA.ODAT.CD?locations=ZW">https://data.worldbank.org/indicator/DT.ODA.ODAT.CD?locations=ZW</a> and here <a href="https://stats.oecd.org/">https://stats.oecd.org/</a> |
| Recipient / Provider                           | All the information for the reporting period is available here: <a href="https://data.worldbank.org/indicator/DT.ODA.ODAT.CD?locations=ZW">https://data.worldbank.org/indicator/DT.ODA.ODAT.CD?locations=ZW</a> and here <a href="https://stats.oecd.org/">https://stats.oecd.org/</a> |
| Title of project, programme, activity or other | One well documented project is GEF 6 which injected \$30,849,201 to the conservation of biodiversity and improve livelihoods in the Lower Zambezi Valley   |

SO-5: To mobilize substantial and additional financial and non-financial resources to support the implementation of the Convention by building effective partnerships at global and national level

|   | Explanation                     |
|---|---------------------------------|
| Total Amount USD                              | \$30,849,201                    |
| Sector  | Environment                     |
| Capacity Building                             |                                 |
| Technology Transfer                           |                                 |
| Gender Equality                               |                                 |
| Channel                                       |                                 |
| Type of flow                                  | Official development assistance |
| Financial Instrument                          |                                 |
| Type of support                               |                                 |
| Amount mobilised through public interventions |                                 |
| Additional Information                        |                                 |

### General comments

The GEF 6 funding is/was inclusive focusing on reduction in human -wildlife conflict, woodland and forest management among other natural resources management capacity development interventions.

## S05-2 Domestic public resources

**Tier 1: Please provide information on the domestic public expenditures, including subsidies, and revenues, including taxes, directly and indirectly related to the implementation of the Convention, including information on trends.**

Trends in domestic public expenditures and national level financing for activities relevant to the implementation of the Convention

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

Trends in domestic public revenues from activities related to the implementation of the Convention

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

The Zimbabwe National Budget reports of 2016 to 2019 show an increase of domestic funds allocated to the Ministry of Environment increased from \$40,100,000 in 2017 to \$85,505,000 in 2018, to \$38,136,000 in 2019 of the total annual budgets.

Sources of information are as follows: <https://www.dpcorp.co.zw/assets/2016-national-budget.pdf> [https://www.veritaszim.net/sites/veritas\\_d/files/2019%20National%20Budget%20Highlights.pdf](https://www.veritaszim.net/sites/veritas_d/files/2019%20National%20Budget%20Highlights.pdf) [https://www.veritaszim.net/sites/veritas\\_d/files/2018%20budget%20highlights\\_0.pdf](https://www.veritaszim.net/sites/veritas_d/files/2018%20budget%20highlights_0.pdf) [https://www.veritaszim.net/sites/veritas\\_d/files/2017%20Zimbabwe%20National%20Budget%20Highlights.pdf](https://www.veritaszim.net/sites/veritas_d/files/2017%20Zimbabwe%20National%20Budget%20Highlights.pdf)

### Tier 2: Table 2 Domestic public resources

|                                     | Year | Amounts    | Additional Information   |
|-------------------------------------|------|------------|--|
| Government expenditures             | 2016 | 40 100 000 | Government expenditure within the Ministry responsible for the environment and environmental protection. |
| Directly related to combat DLDD     |      |            |  |
| Indirectly related to combat DLDD   |      |            |  |
| Subsidies                           |      |            |  |
| Subsidies related to combat DLDD    |      |            |  |
| Total expenditures / total per year |      |            |  |

|   | Year | Amounts | Additional Information |
|---|------|---------|------------------------|
| Government revenues   |      |         |                        |
| Environmental taxes for the conservation of land resources and taxes related to combat DLDD |      |         |                        |
| Total revenues / total per year   |      |         |                        |

### Documentation box

|                         | Explanation   |
|-------------------------|---|
| Government expenditures | Expenditure within the ministry is responsible for protecting the environment, as reported in the official annual budgetary statements. For example here: <a href="https://www.veritaszim.net/sites/veritas_d/files/2017%20Zimbabwe%20National%20Budget%20Highlights.pdf">https://www.veritaszim.net/sites/veritas_d/files/2017%20Zimbabwe%20National%20Budget%20Highlights.pdf</a> |
| Subsidies               |   |
| Government revenues     |   |

SO-5: To mobilize substantial and additional financial and non-financial resources to support the implementation of the Convention by building effective partnerships at global and national level

|  | Explanation |
|--|-------------|
| Domestic resources directly or indirectly related to combat DLDD |             |

Has your country set a target for increasing and mobilizing domestic resources for the implementation of the Convention?

- Yes
- No

The country set to increasing domestic resources for the implementation of the Convention via increases in national budget allocations to the Ministry responsible for the environment.

**General comments**

The country set to increasing domestic resources for the implementation of the Convention via increases in national budget allocations to the Ministry responsible for the environment.

## S05-3 International and domestic private resources

Tier 1: Please provide information on the international and domestic private resources mobilized by the private sector of your country for the implementation of the Convention, including information on trends.

Trends in international private resources

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

Trends in domestic private resources

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

Tier 2: Table 3 International and domestic private resources

| Year                 | Title of project, programme, activity or other | Total Amount USD | Financial Instrument  | Type of institution | Recipient                                      | Additional Information |
|----------------------|--|------------------|---|---------------------|--|------------------------|
| 2016                 | Runde-Tende Dam and Irrigation Project         | 472 000 000      | <input type="checkbox"/> Charitable grant<br><input type="checkbox"/> Commercial loans<br><input type="checkbox"/> Non-concessional loan<br><input type="checkbox"/> Private Export<br><input type="checkbox"/> Credit<br><input checked="" type="checkbox"/> Private Equities<br><input type="checkbox"/> Private Insurance<br><input type="checkbox"/> Other(specify) | Private corporation | <input type="checkbox"/> Domestic mobilization |                        |
| 2016                 | Kudu Irrigation Project                        | 470 000 000      | <input type="checkbox"/> Charitable grant<br><input type="checkbox"/> Commercial loans<br><input type="checkbox"/> Non-concessional loan<br><input type="checkbox"/> Private Export<br><input type="checkbox"/> Credit<br><input checked="" type="checkbox"/> Private Equities<br><input type="checkbox"/> Private Insurance<br><input type="checkbox"/> Other(specify) | Private corporation | <input type="checkbox"/> Domestic mobilization |                        |
| Total                |  | 942 000 000      |   |                     |  |                        |
| Total per year 2016: |  | 942 000 000      |   |                     |  |                        |

Please provide methodological information relevant to data presented in table 3

Sources of information: [https://connectconfindustria.it/kp/uploads/file\\_aziende/ZIDA%20PUBLIC%20PRIVATE%20PARTNERSHIPS%20IN%20ZIMBABWE%20PAMPHLET.pdf](https://connectconfindustria.it/kp/uploads/file_aziende/ZIDA%20PUBLIC%20PRIVATE%20PARTNERSHIPS%20IN%20ZIMBABWE%20PAMPHLET.pdf)

Has your country taken measures to encourage the private sector as well as non-governmental organizations, foundations and academia to provide international and domestic resources for the implementation of the Convention?

Section 34, 4 schedule of the ZIDA Act provides a framework for governing PPPs in Zimbabwe. The act indicates the government of Zimbabwe's commitment to promoting an enabling environment for Public-Private Partnerships to operate.

General comments



SO-5: To mobilize substantial and additional financial and non-financial resources to support the implementation of the Convention by building effective partnerships at global and national level

The Government of Zimbabwe supports and encourages Private-Public Partnerships as a vehicle for national development.

## S05-4 Technology transfer

**Tier 1: Please provide information relevant to the resources provided, received for the transfer of technology for the implementation of the Convention, including information on trends.**

Trends in international bilateral and multilateral public resources provided

- Up ↑
- Stable ↔
- Down ↓
- Unknown ↻

Trends in international bilateral and multilateral public resources received

- Up ↑
- Stable ↔
- Down ↓
- Unknown ↻

The most known technology implemented in Zimbabwe during the focal period is the Climate Smart Agriculture, locally known as Pfumvudza, a zero tillage approach, for growing maize/corn and cotton seed among other crops. The approach is also being exported to neighbouring countries.

Smallholder farmers countrywide are empowered and encouraged to use the Pfumvudza approach. Incentives come in the form of seeds and fertilizer as well as extension from the Government.

**Tier 2: Table 4 Resources provided and received for technology transfer measures or activities**

| Provided        | Received | Year | Title of project, programme, activity or other | Amount | Recipient Provider | Description and objectives | Sector          | Type of technology | Activities undertaken by | Status of measure or activity | Timeframe of measure or activity | Use, impact and estimated results | Additional Information |
|-----------------|----------|------|--|--------|--------------------|----------------------------|-----------------|--------------------|--------------------------|-------------------------------|----------------------------------|-----------------------------------|------------------------|
| Total provided: |          |      |  | 0      |                    |                            | Total received: |                    | 0                        |                               |                                  |                                   |                        |

**Please provide methodological information relevant to data presented in table 4**

Include information on underlying assumptions, definitions and methodologies used to identify and report on technology transfer support provided and/or received and/or required. Please include links to relevant documentation.

Sources of information: <https://sdgs.un.org/partnerships/zimbabwe-pfumvudza-programme>

**Please provide information on the types of new or current technologies required by your country to address desertification, land degradation and drought (DLDD), and the challenges encountered in acquiring or developing such technologies.**

The programme requires Training, seeds and fertilizers, both are produced locally.

**General comments**

## SO5-5 Future support for activities related to the implementation of the Convention

### SO5-5.1: Planned provision and mobilization of domestic public and private resources

Please provide information relevant to the planned provision and mobilization of domestic resources for the implementation of the Convention, including information relevant to indicator SO5-2, as well as information on projected levels of public financial resources, target sectors and planned domestic policies.

The Government of Zimbabwe has promoted Private-Public Partnerships as the vehicle to mobilise both domestic and multilateral investments to fund the implementation of the Convention.

### SO5-5.2: Planned provision and mobilization of international public and private resources

Please provide information relevant to the planned provision and mobilization of international resources for the implementation of the Convention, including information on projected levels of public financial resources and support to capacity building and transfer of technology, target regions or countries, and planned programmes, policies and priorities.

The Government of Zimbabwe promoted Private-Public Partnerships as the vehicle to mobilise both domestic and multilateral investments to fund the implementation of the Convention during the reporting period.

### SO5-5.3: Resources needed

Please provide information relevant to the financial resources needed for the implementation of the Convention, including on the projects and regions which need most support and on which your country has focused to the greatest extent.

Zimbabwe has focused mainly on combating land degradation through Climate Smart Agriculture.

### General comments

The experience was affected by the limitation in financial resources.

## Financial and Non-Financial Sources

### Increasing the mobilization of resources:

Would you like to share an experience on how your country has increased the mobilization of resources within the reporting period?

Yes

No

What type of resources were mobilized (check all that apply)?

Financial Resources

Non-Financial

Which sources were mobilized?

International

Domestic

Public

Private

Local communities

Non-traditional funding sources

Climate Finance

Other (please specify)

Use this space to describe the experience:

Zimbabwe jointly applied

What were the challenges faced, if any?

Scarcity of funds and limited capacity.

What do you consider to be the lessons learned?

Community and stakeholder engagement is key in all interventions

How did you ensure that women benefited from/got access to this funding?

The Government of Zimbabwe has a clear guideline on gender mainstreaming. For example, "Gender will be mainstreamed throughout the implementation of all adaptation measures. This will ensure that gender-biases are prevented when planning for their implementation, and that the measures can also directly target gender inequality as an important factor of vulnerability to climate change. Similarly, the measures will also consider the role of the youth as a way to provide opportunities for employment and skills development, and to ensure that youth perspectives are represented when planning for implementation"

Use this space to provide any further complementary information you deem relevant:

Source: <https://www.undp.org/zimbabwe/news/zimbabwe-validates-climate-change-gender-action-plan>

Has your country supported other countries in the mobilization of financial and non-financial resources for the implementation of the Convention?

- Yes  
 No

Use this space to describe the experience:

Zimbabwe helped the Democratic Republic of Congo to mobilise funds to implement the Convention in 2019.

What were the challenges faced, if any?

Limited technical expertise, particularly grant proposal writing.

Was part of the funding earmarked for women and/or women led activities/businesses?

Part of the funding was targeted at women. For example, 60% of the GEF Small Grants targeted women-only projects.

What do you consider to be the lessons learned?

Cooperation leads to greater results than working alone.

#### Using Land Degradation Neutrality as a framework to increase investment:

From your perspective, would you consider that you have taken advantage of the LDN concept to enhance the coherence, effectiveness and multiple benefits of investments?

- Yes  
 No

Use this space to describe the experience:

What were the challenges faced, if any?

What do you consider to be the lessons learned?

#### Improving existing and/or innovative financial processes and institutions

From your perspective, do you consider that your country has improved the use of existing and/or innovative financial processes and institutions?

- Yes  
 No

Was this through any of the following (check all that apply)?

- Existing financial processes  
 Innovative financial processes  
 The GEF  
 Other funds (please specify)

Use this space to describe the experience:

Zimbabwe successfully applied for \$10,025,964 to implement the Strengthening Biodiversity and Ecosystems Management and Climate-Smart Landscapes in the Mid to Lower Zambezi Region of Zimbabwe.

What were the challenges faced, if any?

None

What do you consider to be the lessons learned?

Co-financing is important in applying for grants

Did your country support other countries in the improvement of existing or innovative financial processes and institutions?

Yes

No

Use this space to describe the experience:

Leveraging from other countries' experience helped Zimbabwe to use of existing and/or innovative financial processes and institutions (such as the Global Environment Facility (GEF) or other newer funds).

What were the challenges faced, if any?

Limited technical knowhow.

What do you consider to be the lessons learned?

Cooperation is key.

## Policy and Planning

### Action Programmes:

Has your country developed or helped develop, implement, revise or regularly monitor your national action programme?

- Yes  
 No

Use the space below to share more details about your country's experience:

The Government of Zimbabwe enacted the policies between 2016 and 2019 1. National Climate Policy (2016) 2. Environmental and Climate Change Policy (2016) 3. National Adaptation Plan (NAP) Roadmap for Zimbabwe <https://napglobalnetwork.org/wp-content/uploads/2019/04/napgn-en-2019-nap-roadmap-for-zimbabwe.pdf> 4. Local <https://www.ema.co.zw/index.php/agency/downloads/local-environmental-action-planning-leapl> Environmental Action Plans

Would you consider the action programmes and/or plans to be successful and what do you consider the main reasons for success or lack thereof?

There are ongoing programmes.

What were the challenges faced, if any?

Limited financial resources and technical know-how.

What do you consider to be the lessons learned?

The bottom-up approach works wonders.

### Policies and enabling environment:

During the reporting period, has your country established or helped establish policies and enabling environments to promote and/or implement solutions to combat desertification/land degradation and mitigate the effects of drought?

- Yes  
 No

These policies and enabling environments were aimed at (check all that apply):

- Promoting solutions to combat desertification, land degradation and drought (DLDD)  
 Implementing solutions to combat DLDD  
 Protecting women's land rights  
 Enhancing women's access to natural, productive and/or financial resources  
 Other (please specify)

How best to describe these experiences (check all that apply):

- Prevention of the effects of DLDD  
 Relief efforts after DLDD has caused environmental and or socioeconomic stress on ecosystems and or populations  
 Recovery efforts after DLDD has caused environmental and or socioeconomic stress on ecosystems and or populations  
 Engagement of women in decision - making  
 Implementation and promotion of women's land rights and access to land resources  
 Building women's capacity for effective UNCCD implementation

Other (please specify)

Use the space below to share more details about your country/sub-region/region/institution's experience.

Developing, implementing, revising and regularly monitoring, as appropriate, national, subregional and regional action programmes and/or plans as effective tools for UNCCD implementation.

Do you consider these policies to be successful in promoting or implementing solutions to address DLDD, including prevention, relief and recovery, and what do you consider the main factors of success or lack thereof?

They are still ongoing

What were the challenges faced, if any?

Limited financial resources.

What would you consider to be the lessons learned?

Synergies are important.

Has your country supported other countries in establishing policies and enabling environments to promote and implement solutions to combat desertification/land degradation and mitigate the effects of drought, including prevention, relief and recovery?

Yes

No

Has your country offered support related to or including the setting of policy measures in terms of mainstreaming gender in the implementation of the UNCCD?

Yes

No

Use the space below to describe your country's experience.

Countries in the Southern Africa region learned from Zimbabwe's Climate Smart Agriculture programme during the reporting period.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

Yes

What were the challenges faced, if any?

What would you consider to be the lessons learned?

Are women's land rights protected in national legislation?

Yes

No



If so, how (please provide the reference to the relevant law/policy)

### Synergies:

From your perspective, has your country leveraged synergies and integrated DLDD into national plans related to other MEAs, particularly the other Rio Conventions and other international commitments?

- Yes  
 No

### Mainstreaming desertification, land degradation and drought:

From your perspective, did your country take specific actions to mainstream, DLDD in economic, environmental and social policies, with a view to increasing the impact and effectiveness of the implementation of the Convention?

- Yes  
 No

### Drought-related policies:

Has your country established or is your country establishing national policies, measures and governance for drought preparedness and management?

- Yes  
 No

Use the space below to describe your country's experience.

The drought preparedness plan can be found here: [https://www.unccd.int/sites/default/files/country\\_profile\\_documents/1%2520FINAL\\_NDP\\_Zimbabwe.pdf](https://www.unccd.int/sites/default/files/country_profile_documents/1%2520FINAL_NDP_Zimbabwe.pdf)

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

The National Drought Plan has been developed with the intention of providing a guideline for drought management, appropriate responses, and communication actions for when drought occurs.

What were the challenges faced, if any?

None

What would you consider to be the lessons learned?

Stakeholder participation is key.

Has your country supported other countries in establishing policies, measures and governance for drought preparedness and management, in accordance with the mandate of the Convention?

- Yes  
 No

Use the space below to describe your country's experience.

Zimbabwe led the Monitoring of the Environment for Security in Africa (MESA) Project.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

Zimbabwe trained cadres from SADC member states on tools for monitoring drought .

What were the challenges faced, if any?

None

What would you consider to be the lessons learned?

Synergies are important in implementing the Convention.

## Action on the Ground

### Sustainable land management practices:

Has your country implemented or is your country implementing sustainable land management (SLM) practices to address DLDD?

- Yes  
 No

What types of SLM practices are being implemented?

- Agroforestry
- Area closure (stop use, support restoration)
- Beekeeping, fishfarming, etc
- Cross-slope measure
- Ecosystem-based disaster risk reduction
- Energy efficiency
- Forest plantation management
- Home gardens
- Improved ground/vegetation cover
- Improved plant varieties animal breeds
- Integrated crop-livestock management
- Integrated pest and disease management (incl. organic agriculture)
- Integrated soil fertility management
- Irrigation management (incl. water supply, drainage)
- Minimal soil disturbance
- Natural and semi-natural forest management
- Pastoralism and grazing land management
- Post-harvest measures
- Rotational system (crop rotation, fallows, shifting, cultivation)
- Surface water management (spring, river, lakes, sea)
- Water diversion and drainage
- Water harvesting
- Wetland protection/management
- Windbreak/Shelterbelt
- Waste management / Waste water management
- Other (please specify)

Use the space below to share more details about your country's experience:

One example of Zimbabwe's approach to SLM is the Climate-Smart Agriculture, locally known as the Pfumvudza. <https://sdgs.un.org/partnerships/zimbabwe-pfumvudza-programme>

Would you consider the implemented practices successful and what do you consider the main factors of success?

The programme is ongoing

What were the challenges faced, if any?

Limited financial resources

What do you consider to be the lessons learned?

Stakeholder participation is important and guarantees success.

How did you engage women and youth in these activities?

Zimbabwe's involvement of youth and women in SLM activities is guided by the Zimbabwe Climate Change Gender Action Plan.  
<https://www.undp.org/zimbabwe/news/zimbabwe-validates-climate-change-gender-action-plan>

Has your country supported other countries in the implementation of SLM practices?

- Yes  
 No

Use the space below to share more details about your country's experience:

Zimbabwe exported its Climate-Smart Agricultural model to Zambia in particular.

Would you consider the implemented practices successful and what do you consider the main factors of success?

The practices are still ongoing.

What were the challenges faced, if any?

Limited financial resources.

What do you consider to be the lessons learned?

Synergies are important in development work

### Restoration and Rehabilitation:

Has your country implemented or is your country implementing restoration and rehabilitation practices in order to assist with the recovery of ecosystem functions and services?

- Yes  
 No

What types of rehabilitation and restoration practices are being implemented?

- Restore/improve tree-covered areas
- Increase tree-covered area extent
- Restore/improve croplands
- Restore/improve grasslands
- Restore/improve wetlands
- Increase soil fertility and carbon stock
- Manage artificial surfaces
- Restore/improve protected areas
- Increase protected areas
- Improve coastal management
- General instrument (e.g. policies, economic incentives)
- Restore/improve multiple land uses

- Reduce/halt conversion of multiple land uses
- Restore/improve multiple functions
- Restore productivity and soil organic carbon stock in croplands and grasslands
- Other/general/unspecified

Use the space below to share more details about your country's experience:

Zimbabwe produced a National Wetlands Masterplan and the associated policy document during the reporting period.  
<https://www.ema.co.zw/index.php/agency/downloads/national-wetlands-policy?format=html>

Would you consider the implemented practices successful and what do you consider the main factors of success?

Ongoing

What were the challenges faced, if any?

Limited financial resources

What do you consider to be the lessons learned?

Synergies are rudimentary to the success of development work

How did you engage women and youth in SLM activities?

Zimbabwe's involvement of youth and women in SLM activities is guided by the Zimbabwe Climate Change Gender Action Plan.  
<https://www.undp.org/zimbabwe/news/zimbabwe-validates-climate-change-gender-action-plan>

Has your country supported other countries with restoration and rehabilitation practices in order to assist with the recovery of ecosystem functions and services?

- Yes
- No

### Drought risk management and early warning systems:

Is your country developing a drought risk management plan, monitoring or early warning systems and safety net programmes to address DLDD?

- Yes
- No

If so, DLDD was mainstreamed into (check all that apply):

- A drought risk management plan
- Monitoring and early warning systems
- Safety net programmes

Use the space below to describe your country's experience.

Zimbabwe produced its Drought Risk Management Plan during the reporting period. [https://www.unccd.int/sites/default/files/country\\_profile\\_documents/1%2520FINAL\\_NDP\\_Zimbabwe.pdf](https://www.unccd.int/sites/default/files/country_profile_documents/1%2520FINAL_NDP_Zimbabwe.pdf)

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

The activities are on-going

If you have or are developing a drought risk management plan as part of the Drought Initiative, please share here your experience on activities undertaken?

Zimbabwe produced its Drought Risk Management Plan during the reporting period. [https://www.unccd.int/sites/default/files/country\\_profile\\_documents/1%2520FINAL\\_NDP\\_Zimbabwe.pdf](https://www.unccd.int/sites/default/files/country_profile_documents/1%2520FINAL_NDP_Zimbabwe.pdf)

What were the challenges faced, if any?

Limited financial resources

What would you consider to be the lessons learned?

Stakeholder participation is important.

Has your country supported other countries in developing drought risk management, monitoring and early warning systems and safety net programmes to address DLDD?

- Yes  
 No

Use the space below to describe your country's experience.

Zimbabwe led the MESA project.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

Activities are still on-going

What were the challenges faced, if any?

Limited financial resources

What would you consider to be the lessons learned?

Cooperation brings more positive results than countries working alone.

#### Alternative livelihoods:

Does your country promote alternative livelihoods practice in the context of DLDD?

- Yes  
 No

Could you list some practices implemented at country level to promote alternative livelihoods?

- Crop diversification
- Agroforestry practices
- Rotational grazing
- Rain-fed and irrigated agricultural systems
- Small vegetable gardens
- Production of artisanal goods

- Renewable energy generation
- Eco-tourism
- Production of medicinal and aromatic plants
- Aquaculture using recycled wastewater
- Other (please specify)

Use the space below to describe your country's experience.

The Government of Zimbabwe encourages, and incentives crop diversification, agroforestry practices, and irrigated agricultural systems. For example, the Government of Zimbabwe supported the construction of the Tokwe-Mukosi Dam and the subsequent land-use plan, which promotes irrigation with the dammed water. as outlined in the GOVERNMENT OF THE REPUBLIC OF ZIMBABWE SUPPORT TO NEPAD-CAADP IMPLEMENTATION. <https://www.fao.org/3/ae565e/ae565e00.pdf>

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

The activities are on-going

What were the challenges faced, if any?

Limited financial resources

What would you consider to be the lessons learned?

None

Do you consider your country to be taking special measures to engage women and youth in promoting alternative livelihoods?

- Yes
- No

Please elaborate

Zimbabwe's involvement of youth and women in SLM activities is guided by the Zimbabwe Climate Change Gender Action Plan. <https://www.undp.org/zimbabwe/news/zimbabwe-validates-climate-change-gender-action-plan>

### Establishing knowledge sharing systems:

Has your country established systems for sharing information and knowledge and facilitating networking on best practices and approaches to drought management?

- Yes
- No

Please use this space to share/list the established systems available in your country for sharing information and knowledge and facilitating networking on best practices and approaches to drought management.

Zimbabwe used Mass SMS to share information regarding drought.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

The government harnessed the increase in cellular network coverage to help farmers share information via mass SMS.

What were the challenges faced, if any?

There still exist gaps in cellular network coverage across the country of Zimbabwe.

What would you consider to be the lessons learned?

None

Do you consider that your country has implemented specific actions that promote women's access to knowledge and technology?

Yes

No

Please elaborate

Zimbabwe's involvement of youth and women in SLM activities is guided by the Zimbabwe Climate Change Gender Action Plan.  
<https://www.undp.org/zimbabwe/news/zimbabwe-validates-climate-change-gender-action-plan>

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

The practices are still on-going

What were the challenges faced, if any?

Cultural traditions.

What would you consider to be the lessons learned?

Community engagement is important to win buy-ins



## RC: Recalculations

RC.T1: Recalculation of the baseline period, as reported in 2018.

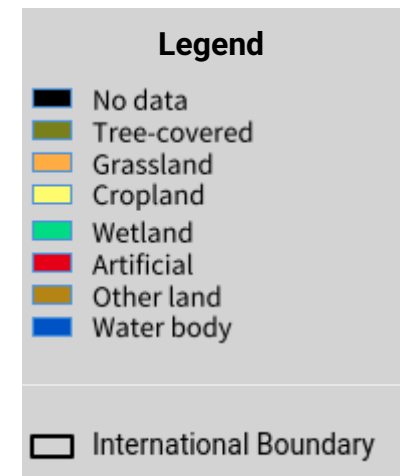
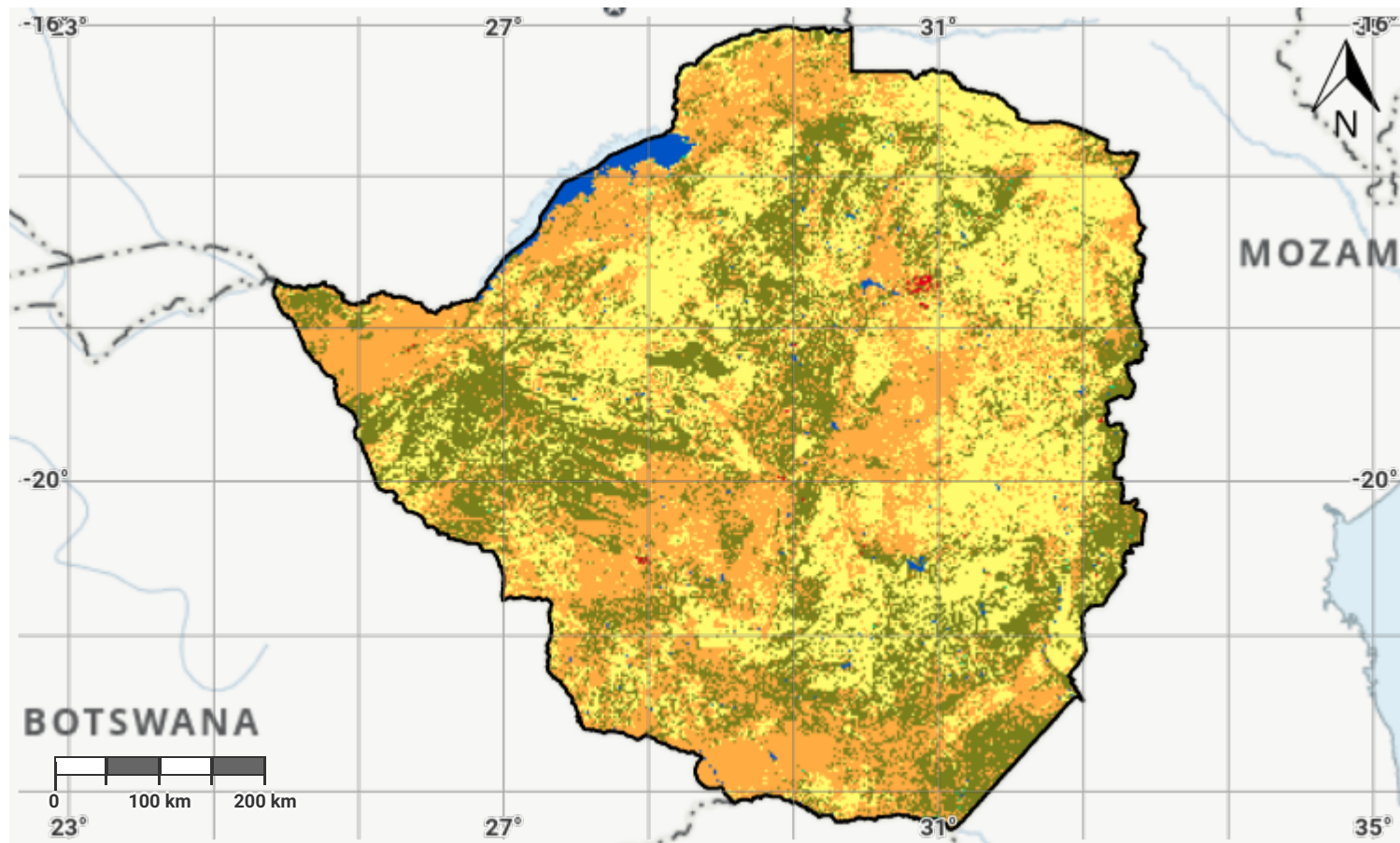
| Indicator recalculated | Justifications  | Explanatory information | Quantitative impact of the recalculations on baseline | Impact of the recalculations on national targets |
|------------------------|---|-------------------------|---|--|
|                        | <input type="checkbox"/> Changes in methodology<br><input type="checkbox"/> New and improved data<br><input type="checkbox"/> Correction of errors in a previous version of the data<br><input type="checkbox"/> Other adjustment | N/A                     | N/A   | N/A  |

Other files for Reporting

|                            |                          |         |
|----------------------------|--------------------------|---------|
| Zimbabwe - S05-1 recipient | <a href="#">Download</a> | 36.6 KB |
|----------------------------|--------------------------|---------|

## Zimbabwe – S01-1.M1

### Land cover in the initial year of the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

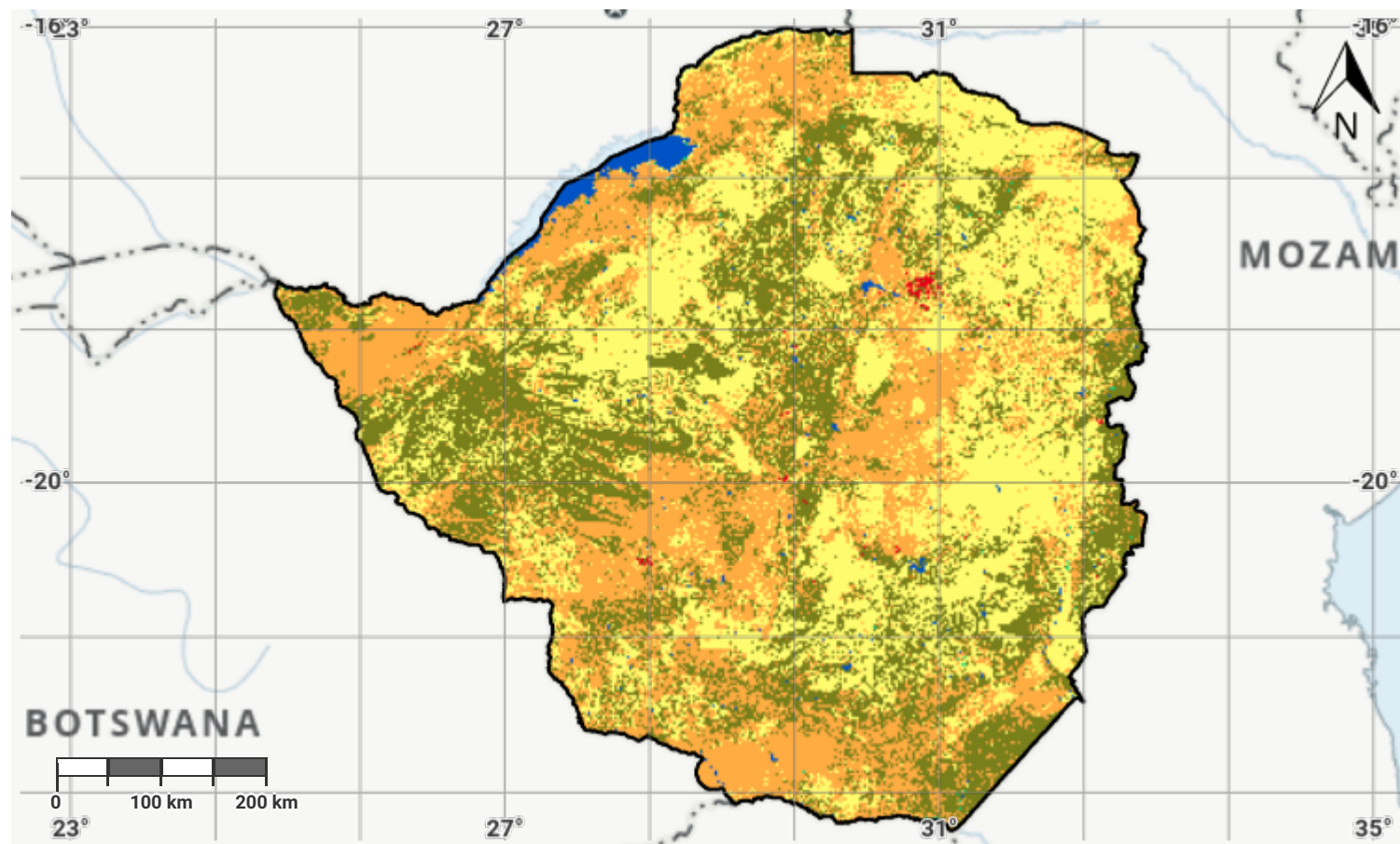
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#### Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
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## Zimbabwe – S01-1.M2

### Land cover in the baseline year



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

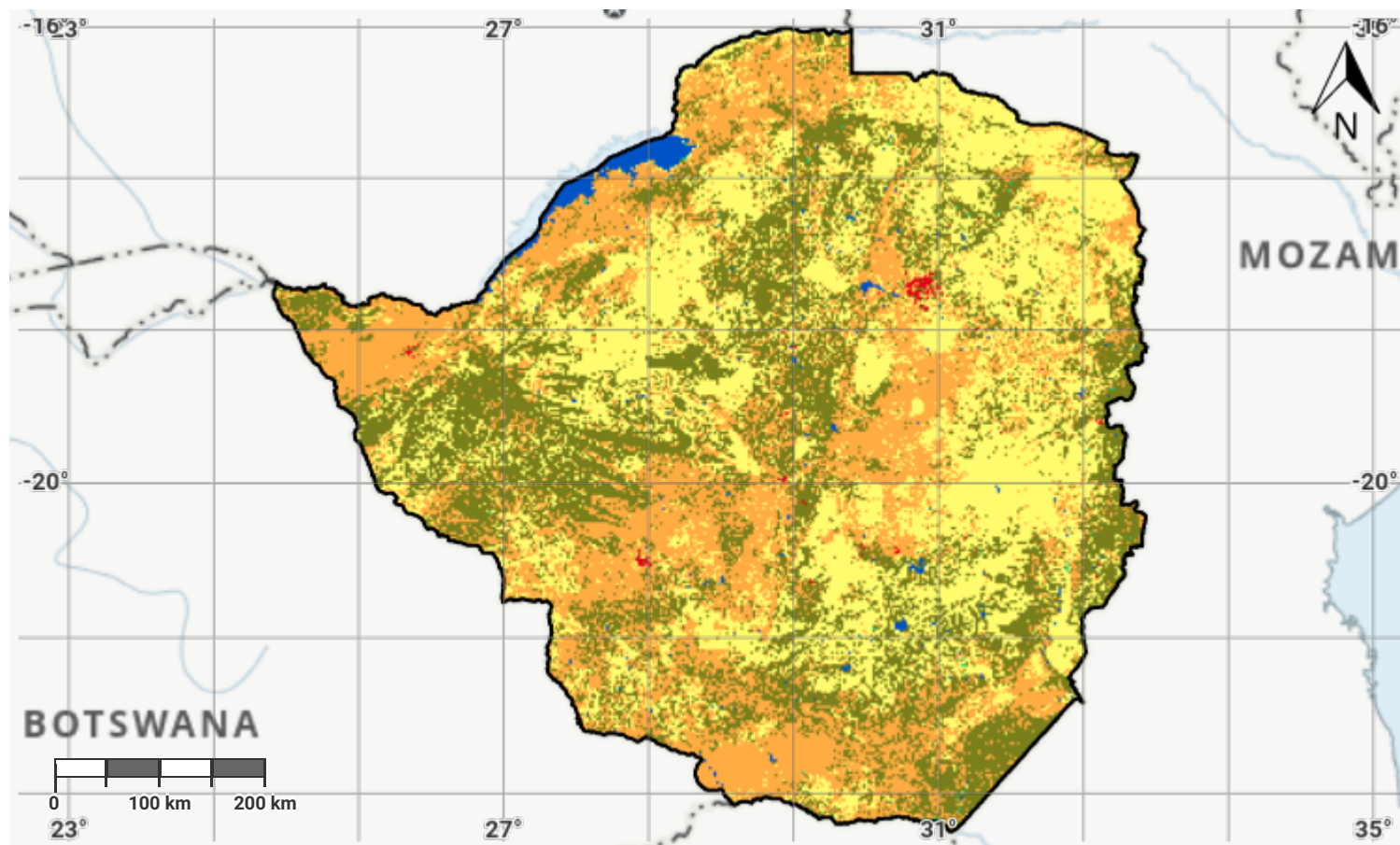
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## Zimbabwe – S01-1.M3

### Land cover in the latest reporting year



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

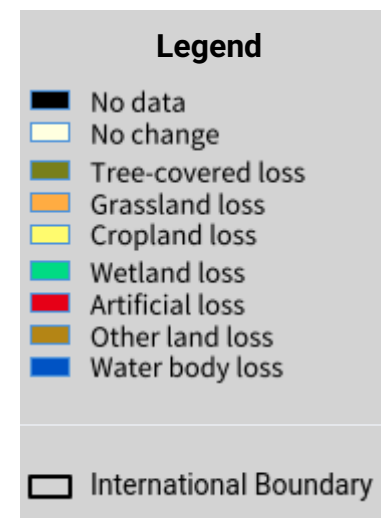
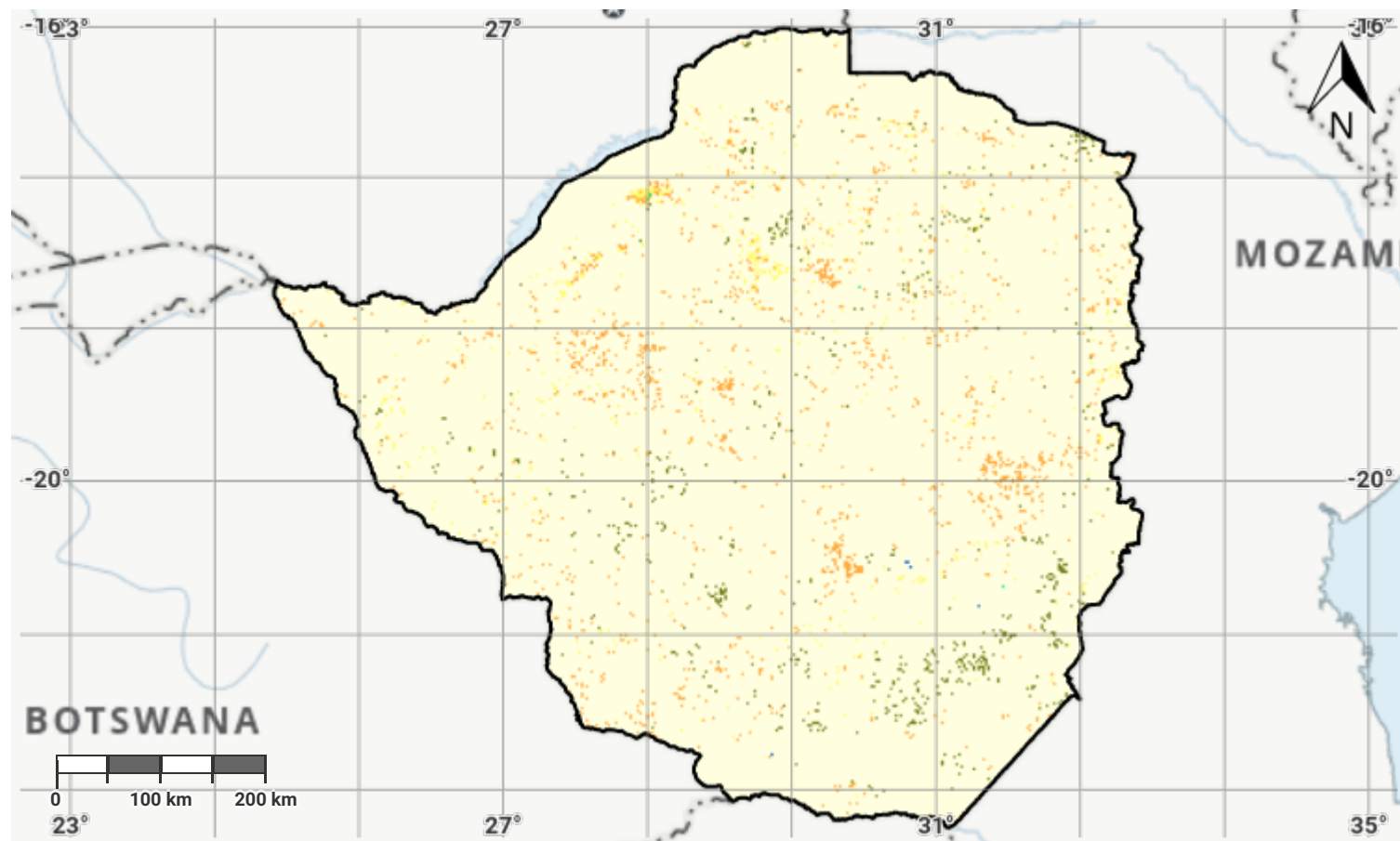
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## Zimbabwe – S01-1.M4

### Land cover change in the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

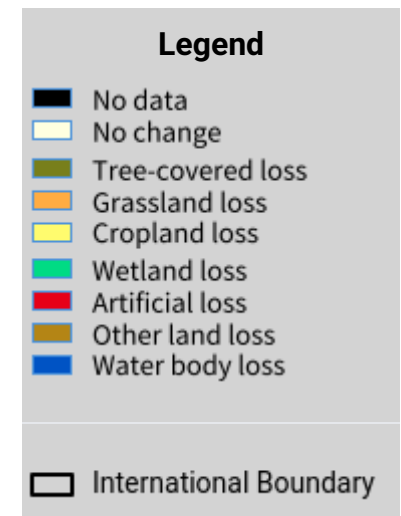
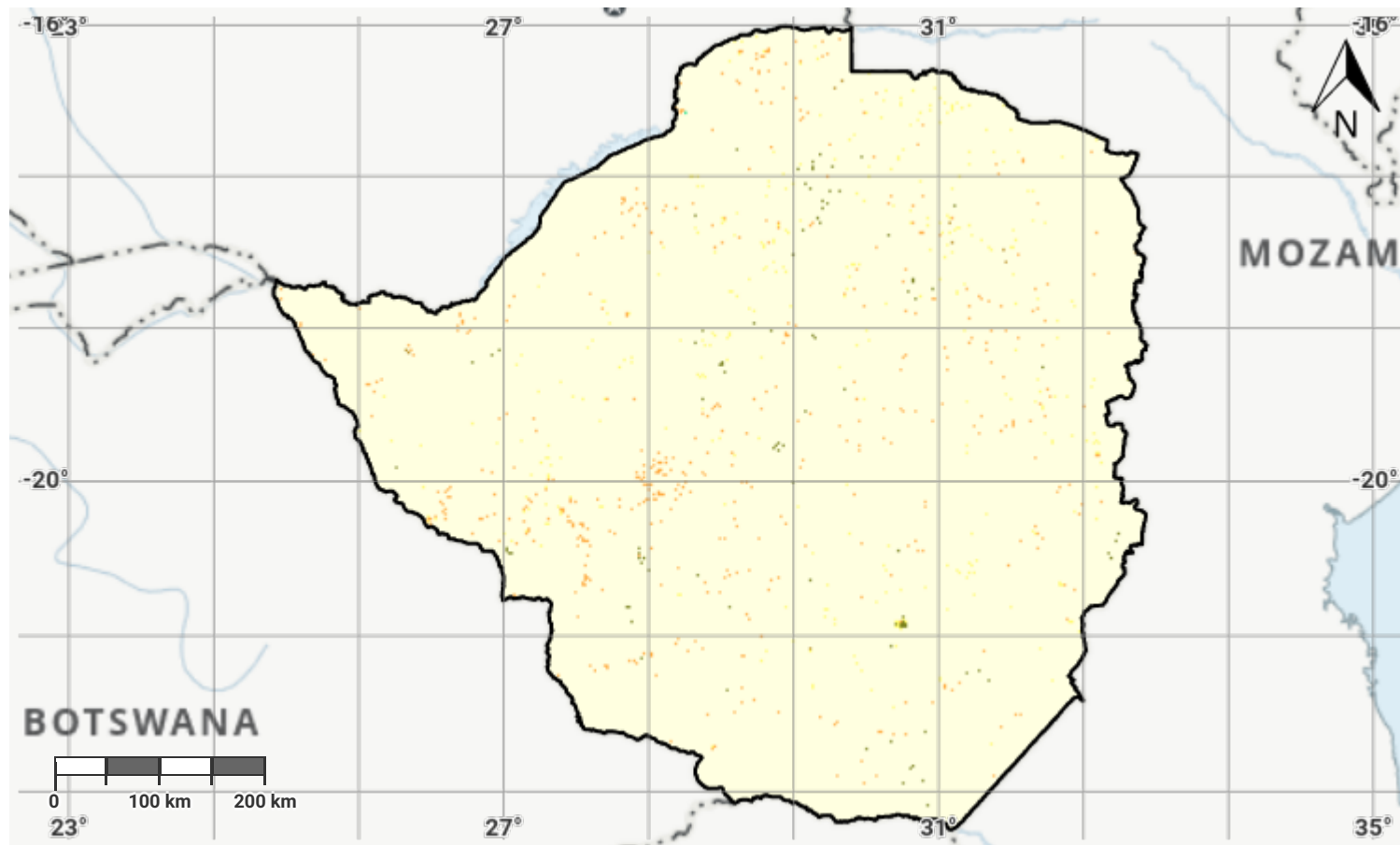
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## Zimbabwe – S01-1.M5

### Land cover change in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

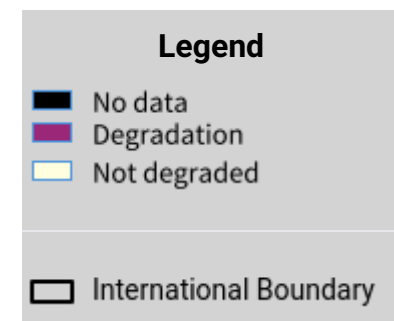
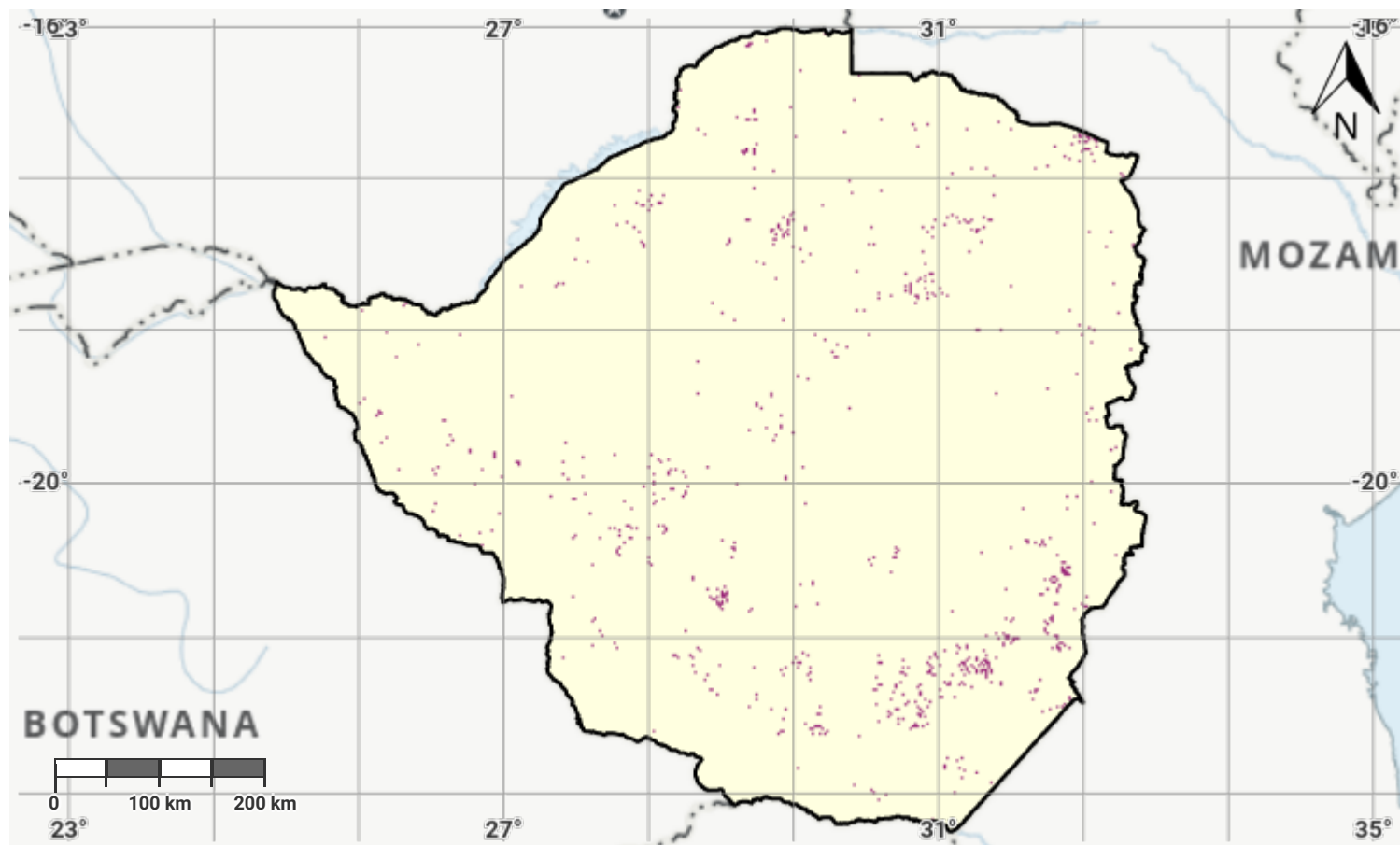
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## Zimbabwe – S01-1.M6

### Land cover degradation in the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

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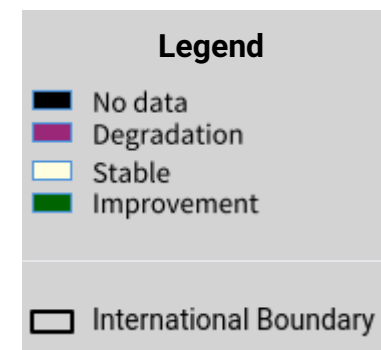
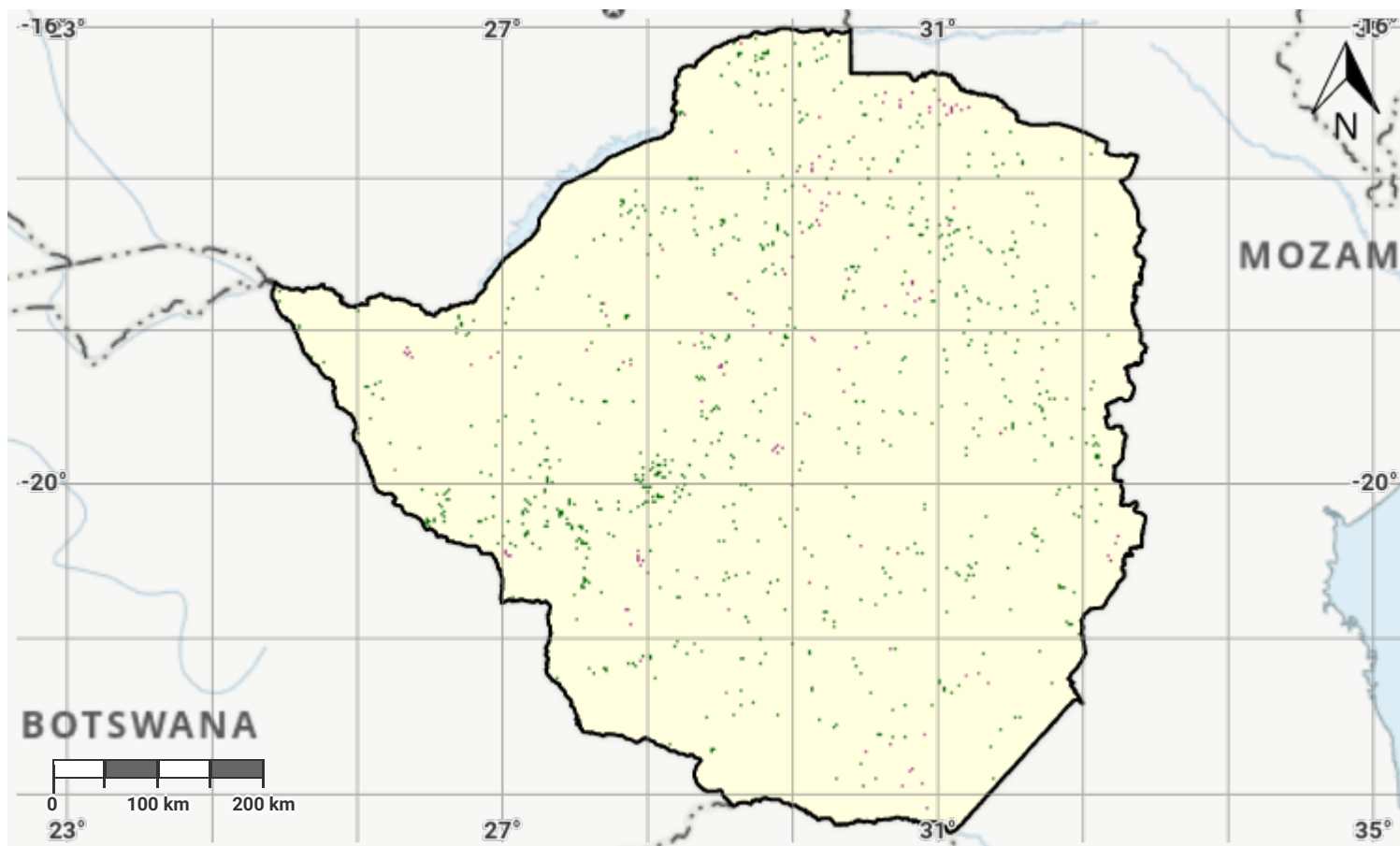
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## Zimbabwe – S01-1.M7

### Land cover degradation in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

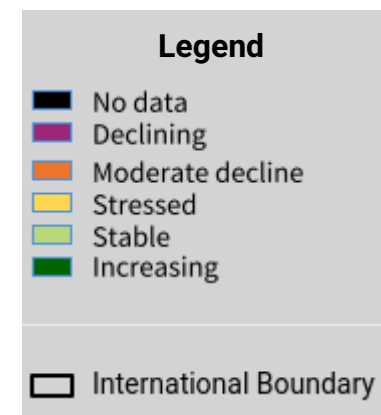
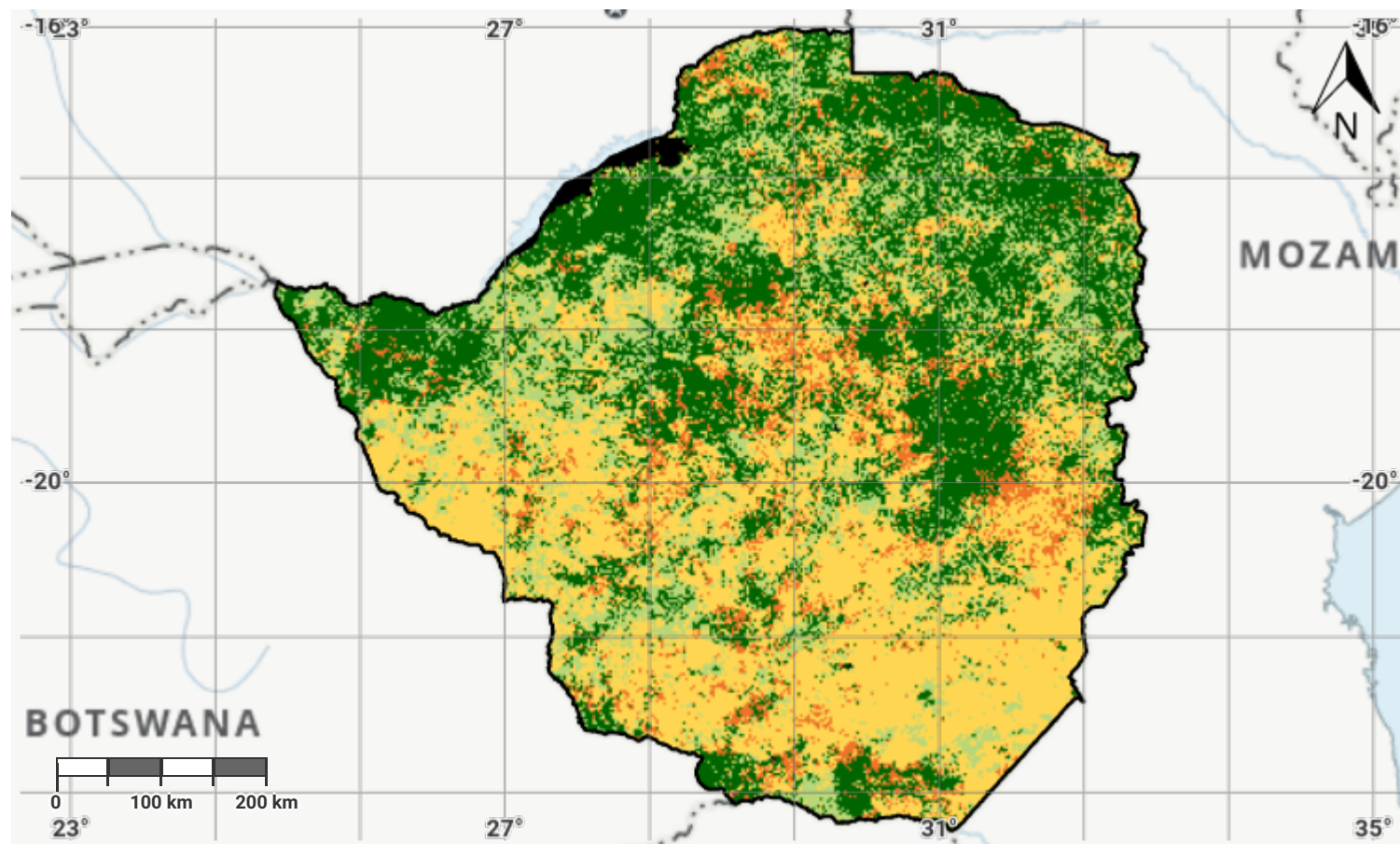
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## Zimbabwe – S01-2.M1

### Land productivity dynamics in the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

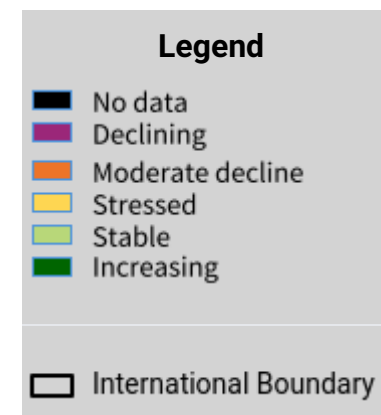
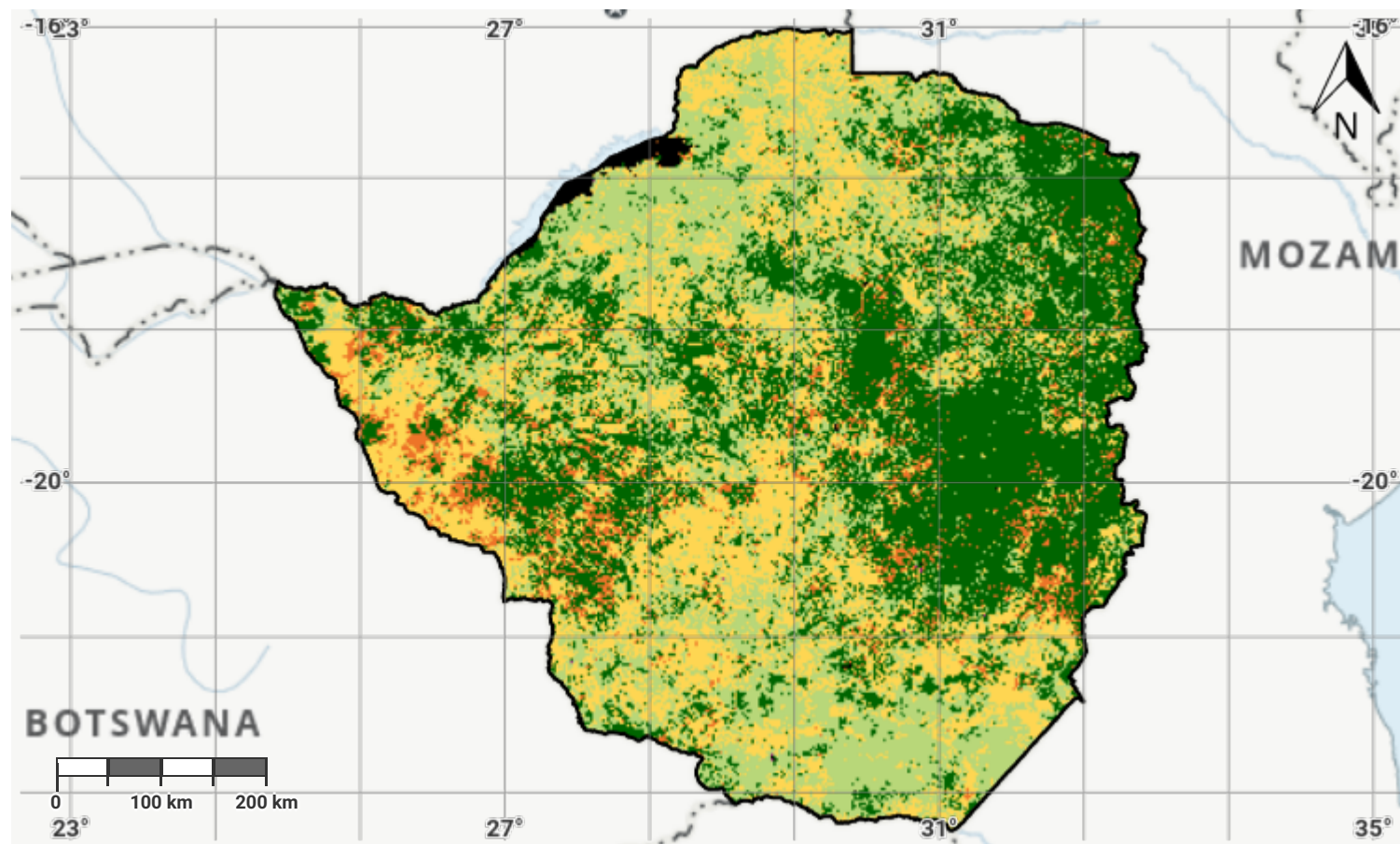
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## Zimbabwe – S01-2.M2

### Land productivity dynamics in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

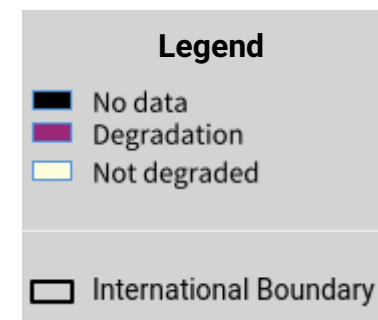
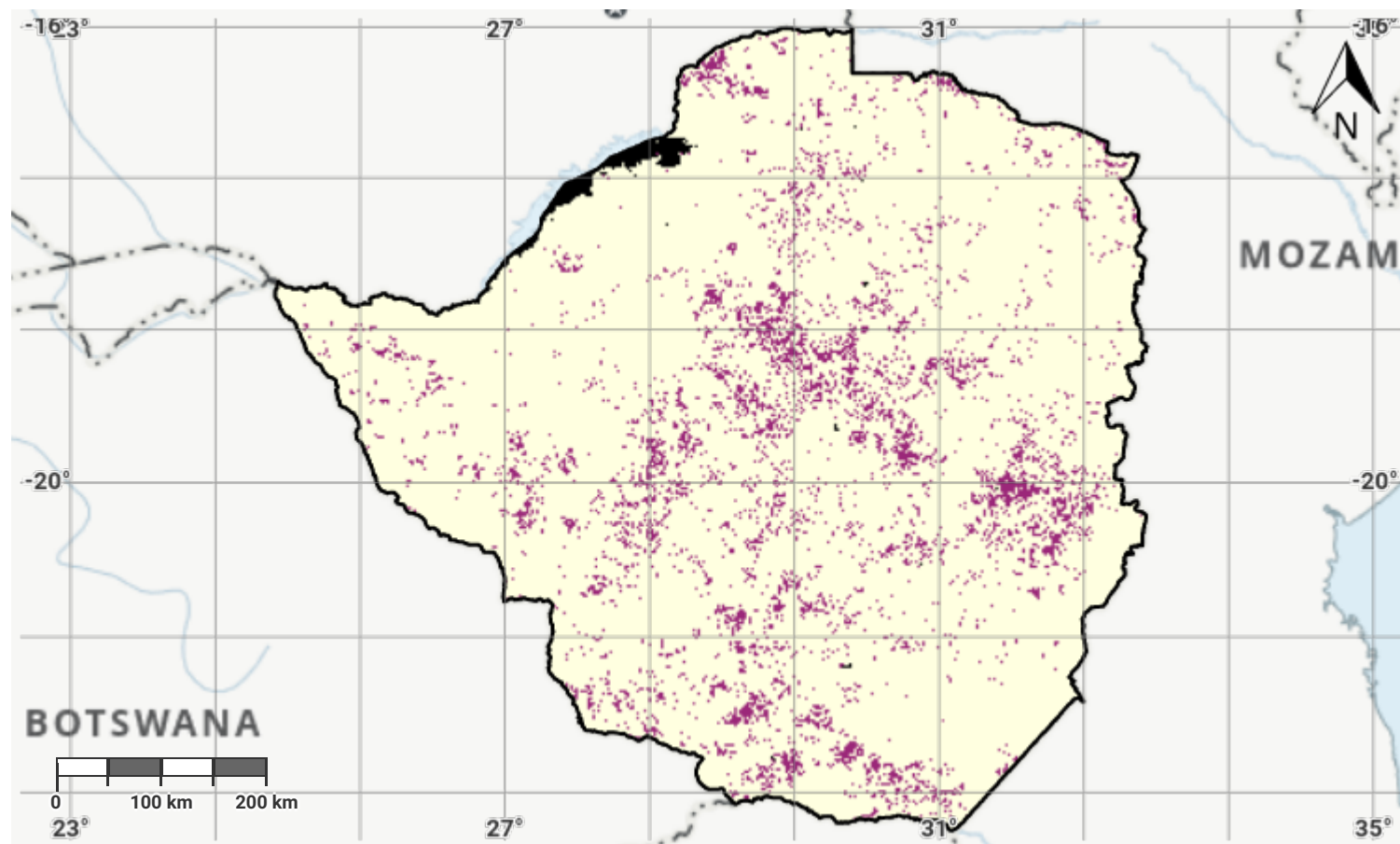
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## Zimbabwe – S01-2.M3

### Land productivity degradation in the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

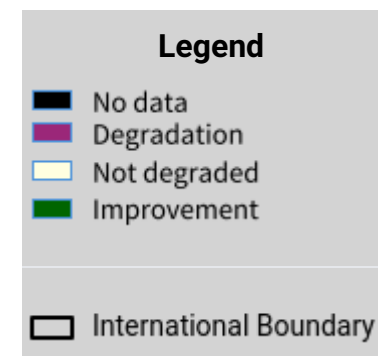
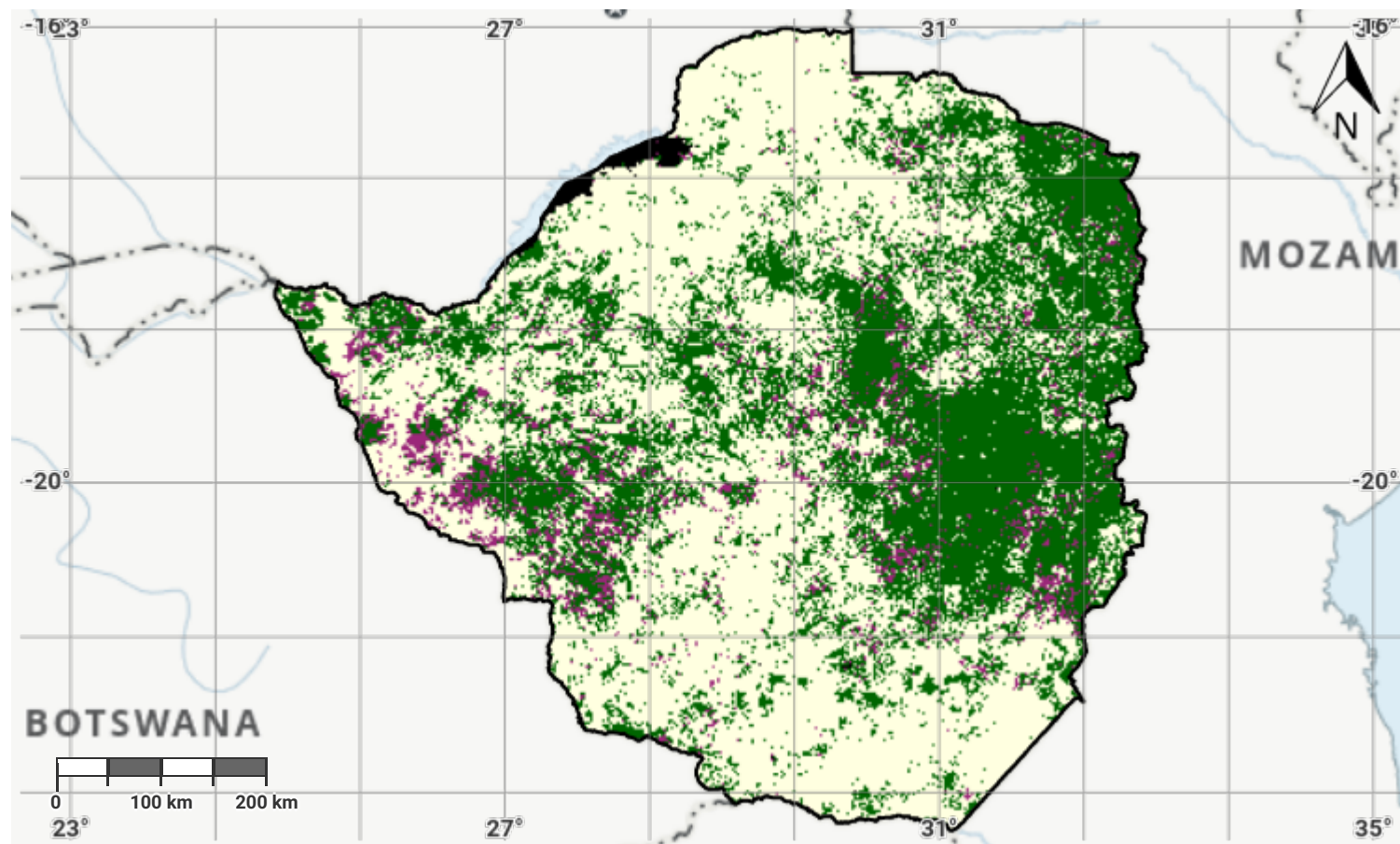
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## Zimbabwe – S01-2.M4

### Land productivity degradation in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

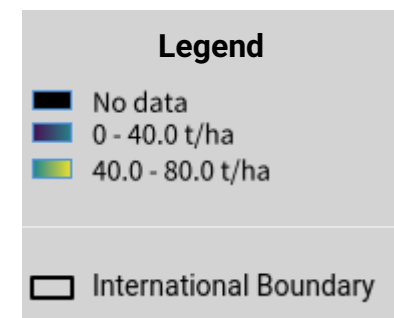
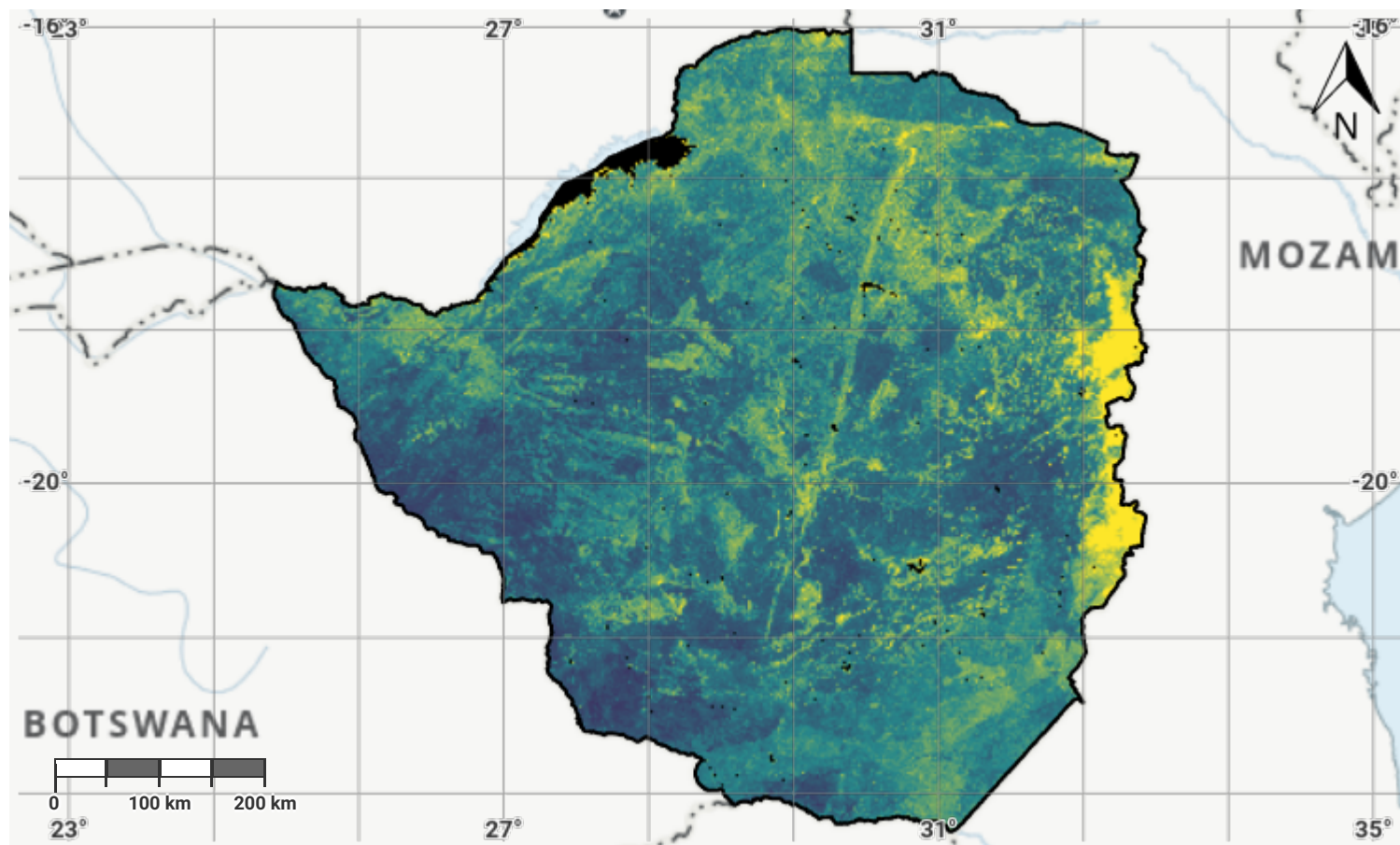
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## Zimbabwe – S01-3.M1

### Soil organic carbon stock in the initial year of the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

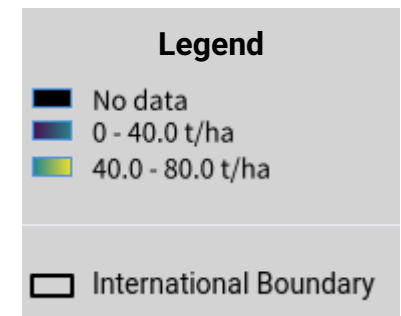
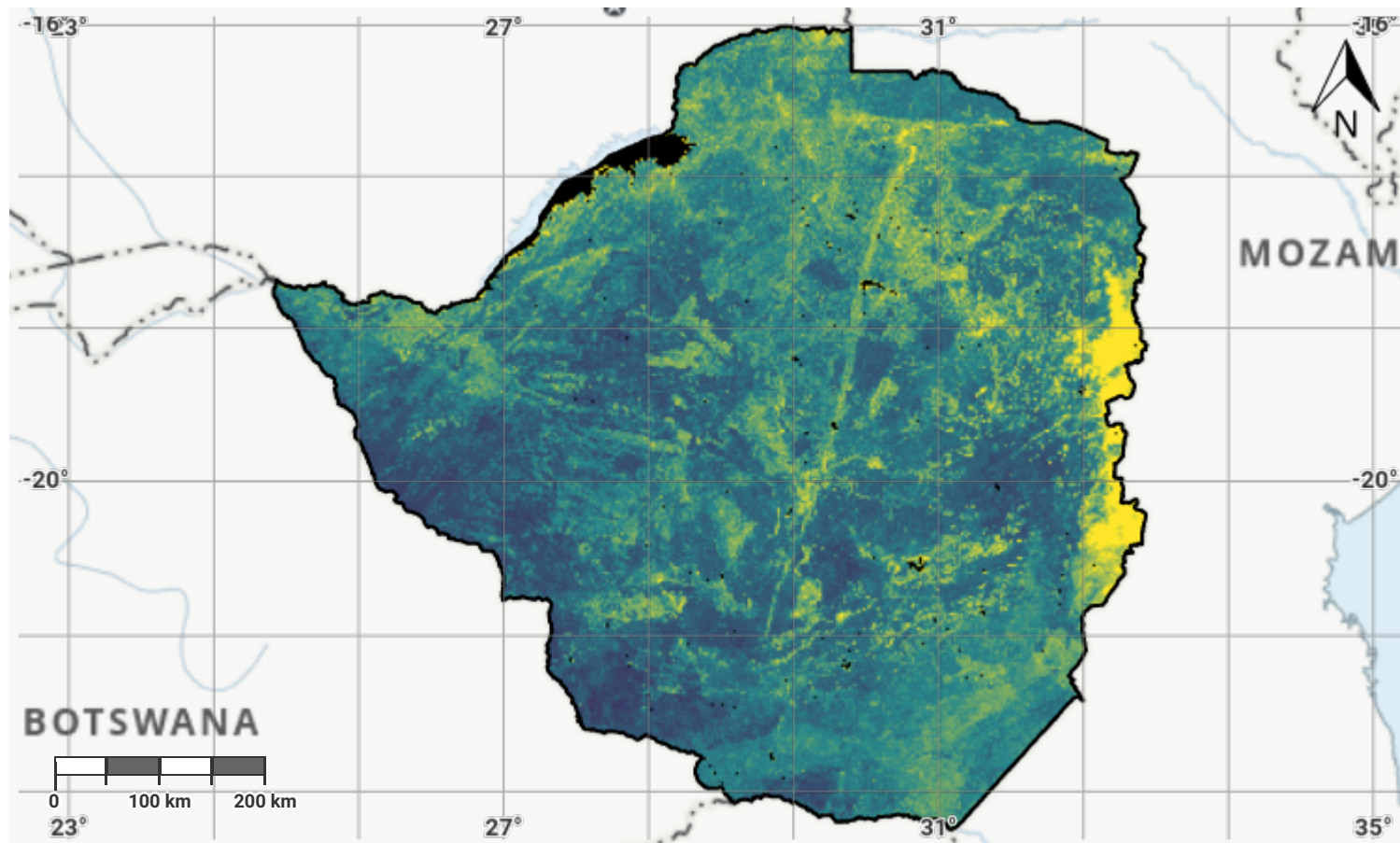
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#### Source Data Credits

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- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: <https://www.isric.org/explore/soilgrids>

## Zimbabwe – S01-3.M2

### Soil organic carbon stock in the baseline year



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

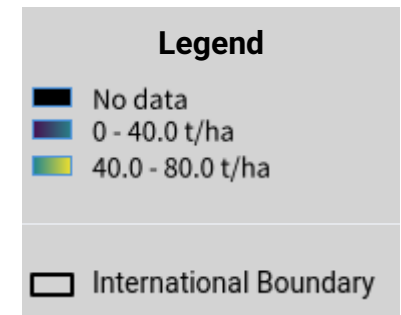
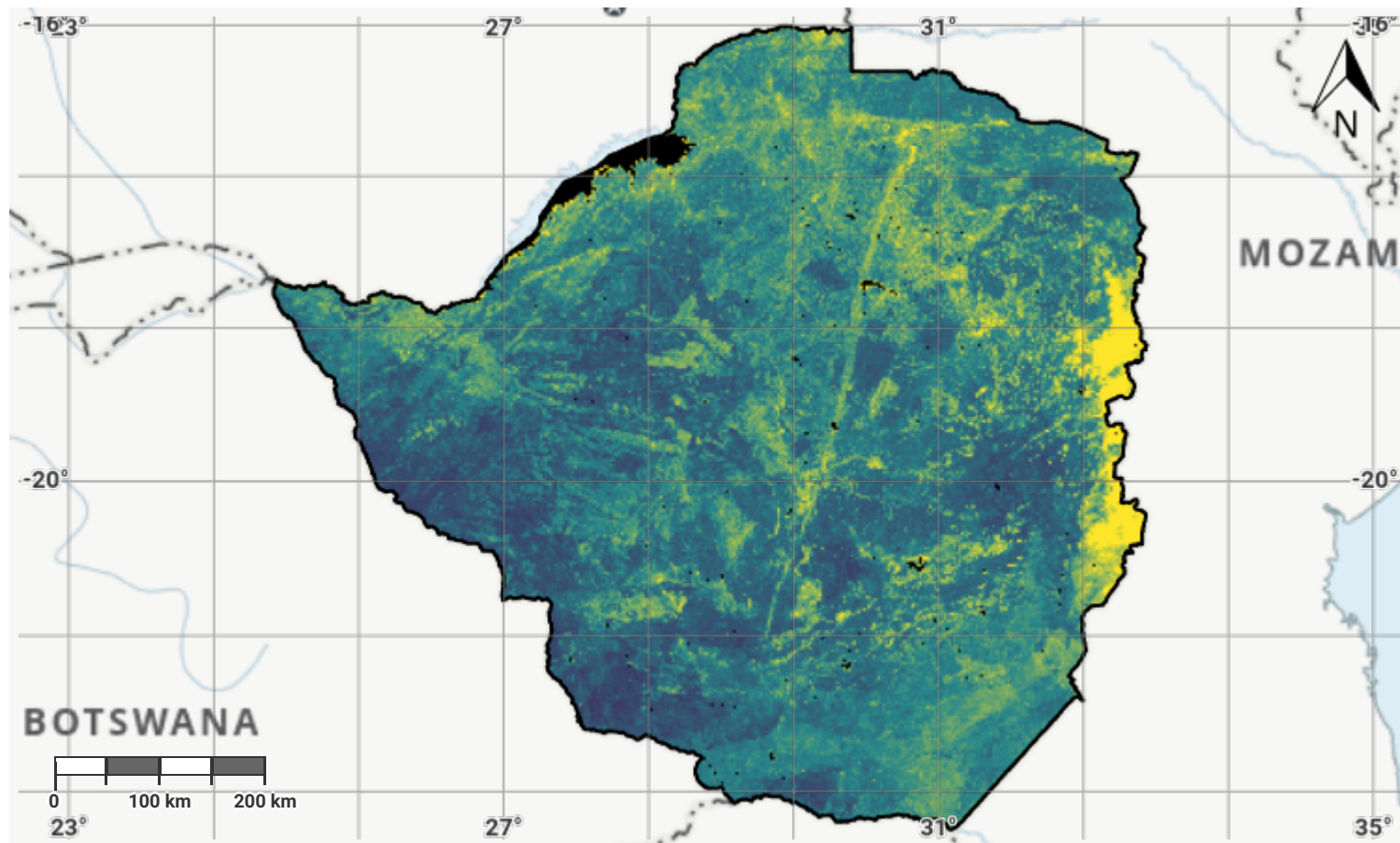
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## Zimbabwe – S01-3.M3

### Soil organic carbon stock in the latest reporting year



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

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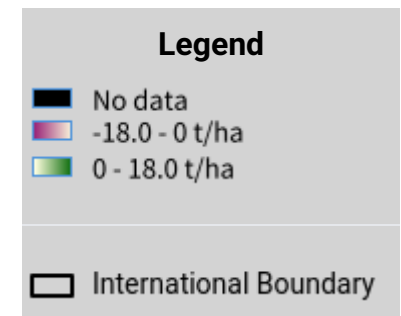
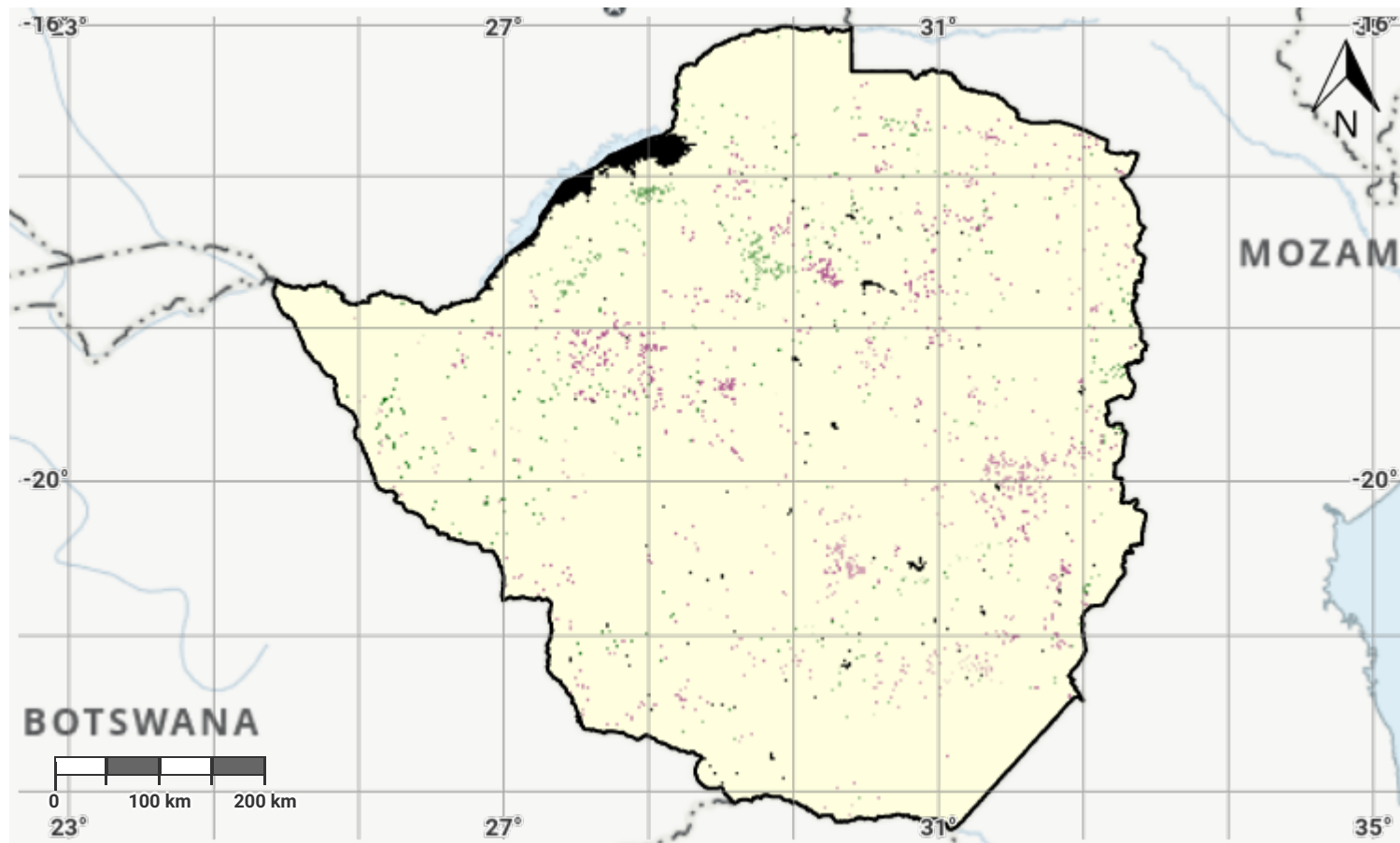
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## Zimbabwe – S01-3.M4

### Change in soil organic carbon stock in the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

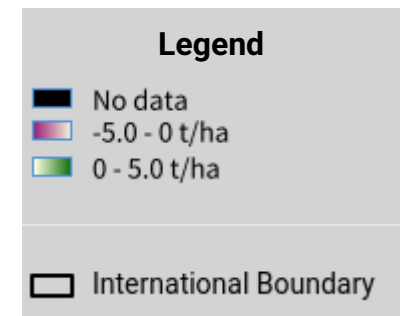
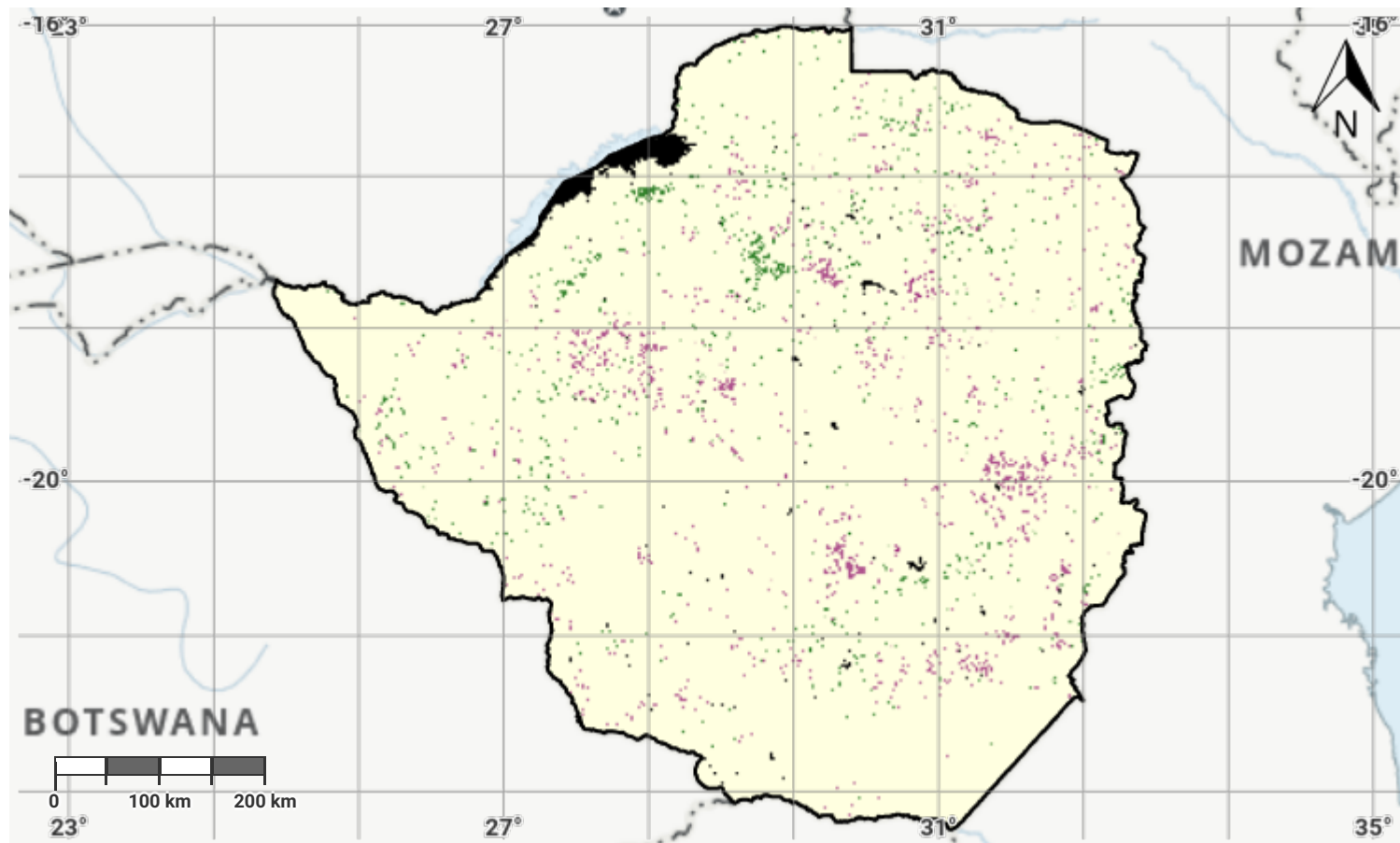
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## Zimbabwe – S01-3.M5

### Change in soil organic carbon stock in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

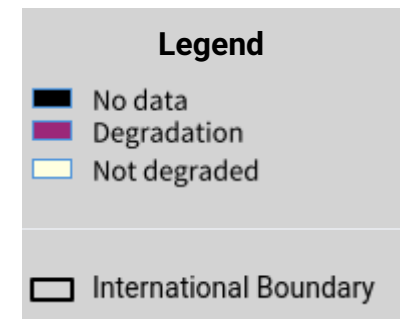
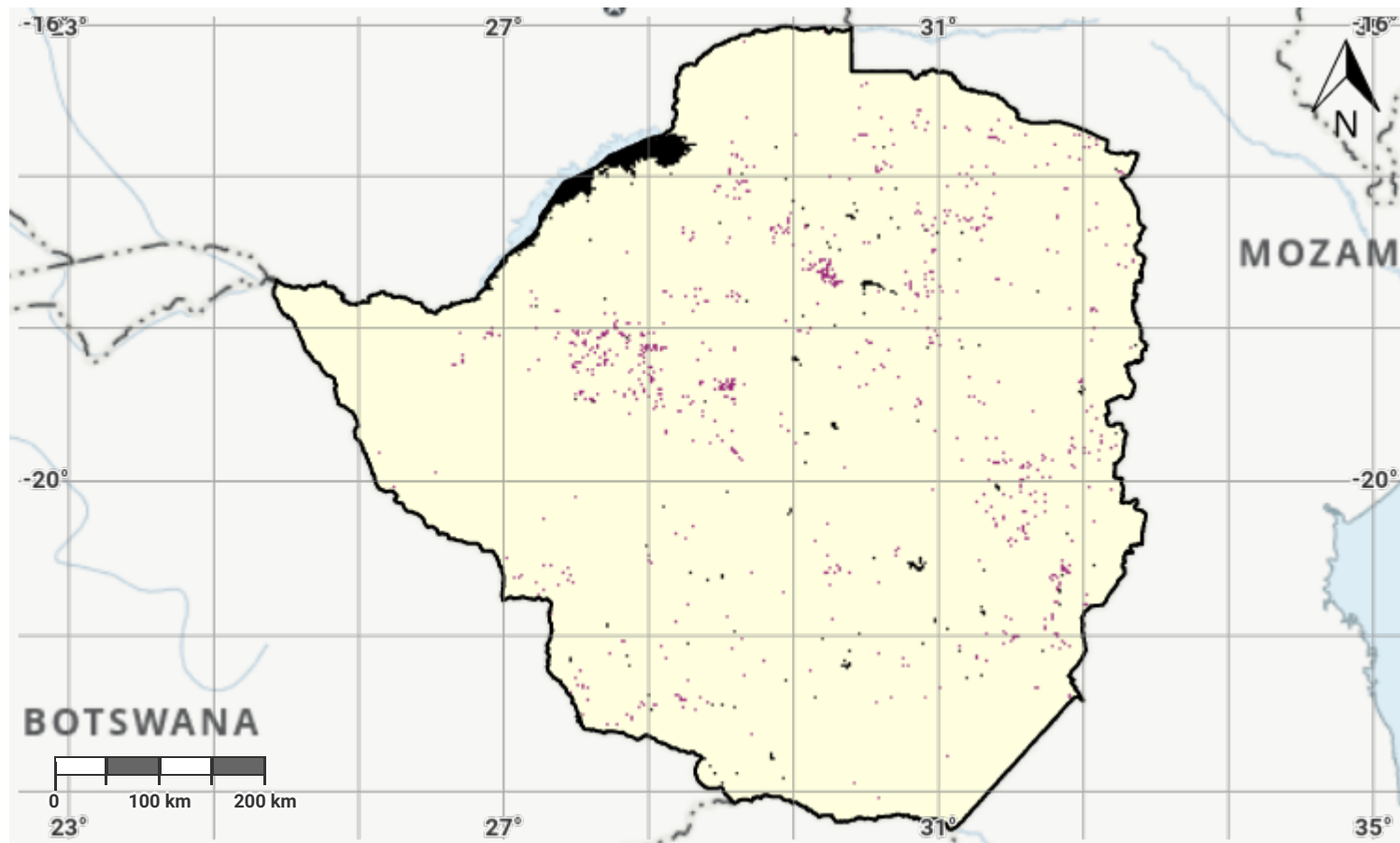
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## Zimbabwe – S01-3.M6

### Soil organic carbon degradation in the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

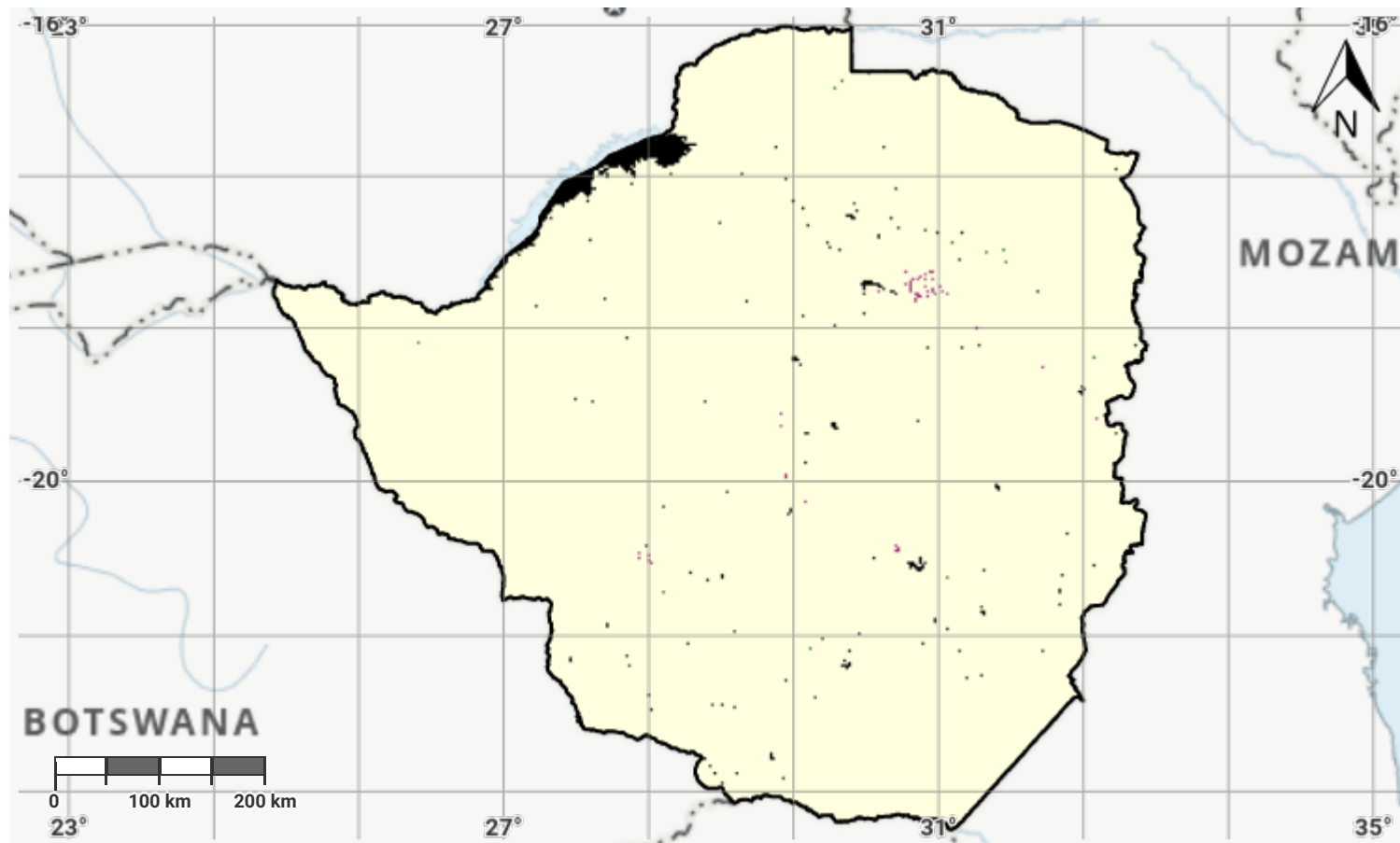
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#### Source Data Credits

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- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: <https://www.isric.org/explore/soilgrids>

## Zimbabwe – S01-3.M7

### Soil organic carbon degradation in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

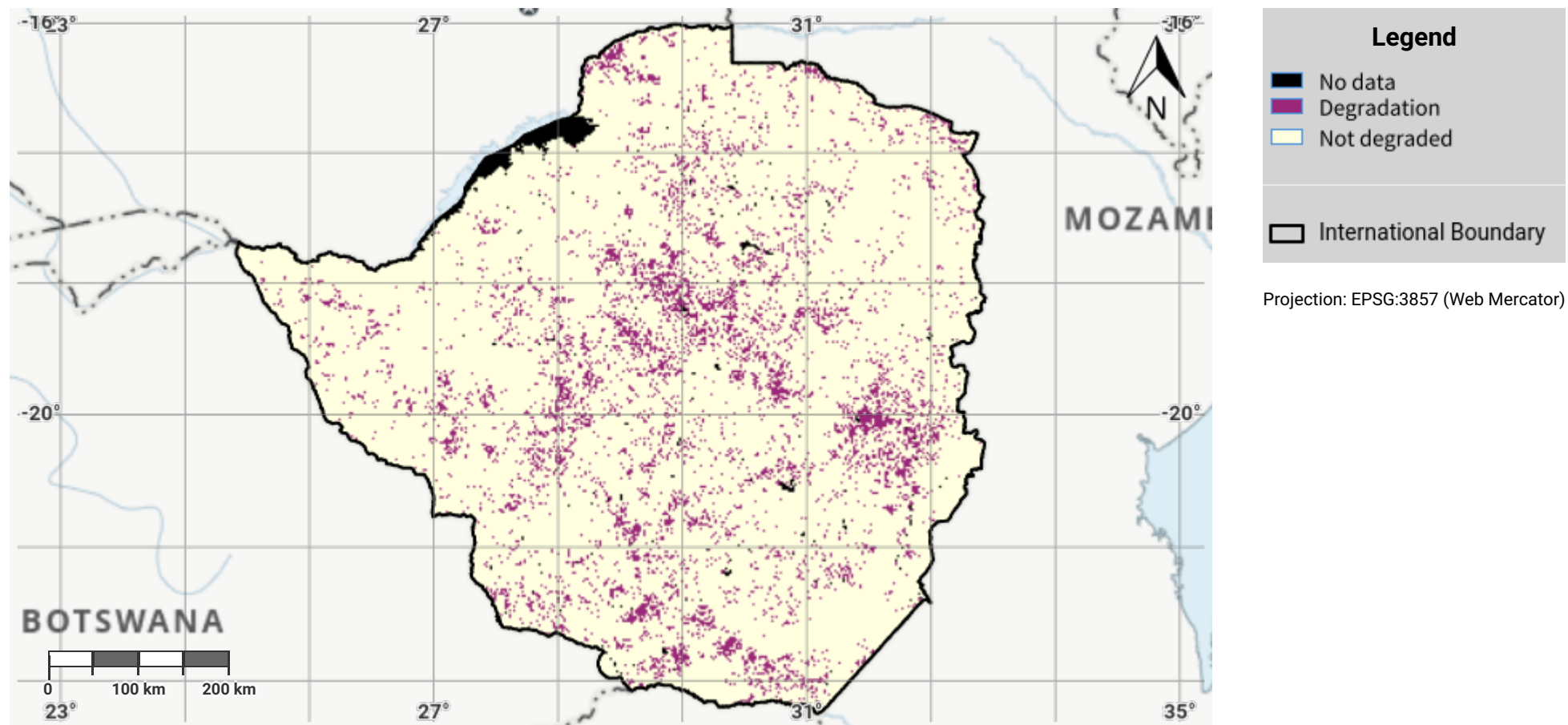
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## Zimbabwe – S01-4.M1

### Proportion of land that is degraded over total land area (SDG Indicator 15.3.1) in the baseline period



#### Disclaimer

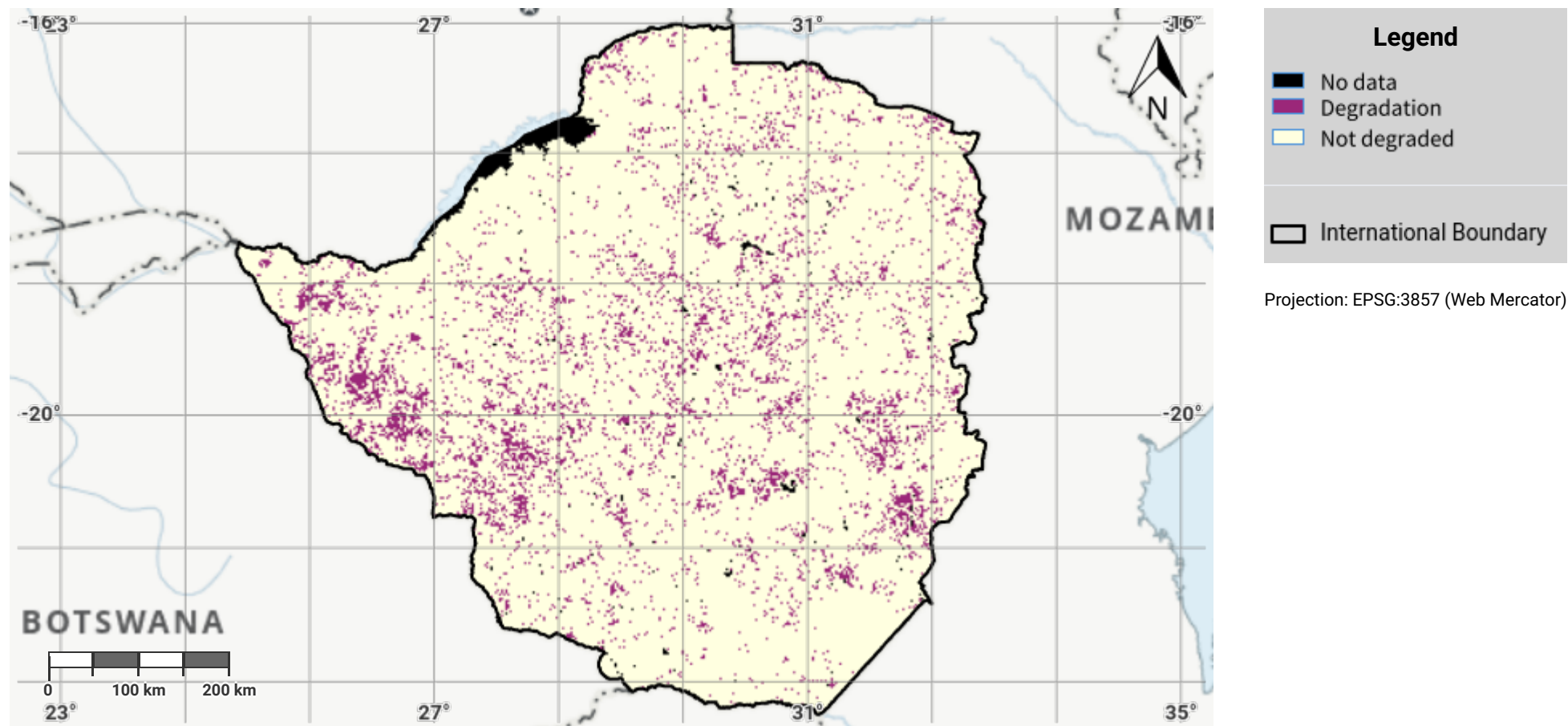
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- Derived based on the methodology in the Good Practice Guidance Version 2 for Sustainable Development Goal (SDG) indicator 15.3.1 - Proportion of land that is degraded over total land area. URL: <https://www.unccd.int/publications/good-practice-guidance-sdg-indicator-1531-proportion-land-degraded-over-total-land>

## Zimbabwe – S01-4.M2

### Proportion of land that is degraded over total land area (SDG Indicator 15.3.1) in the reporting period



#### Disclaimer

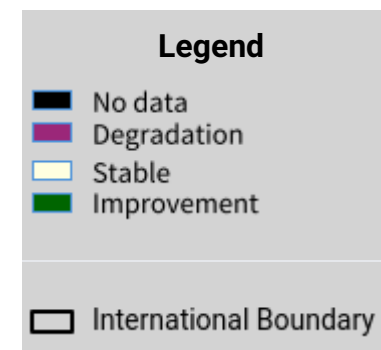
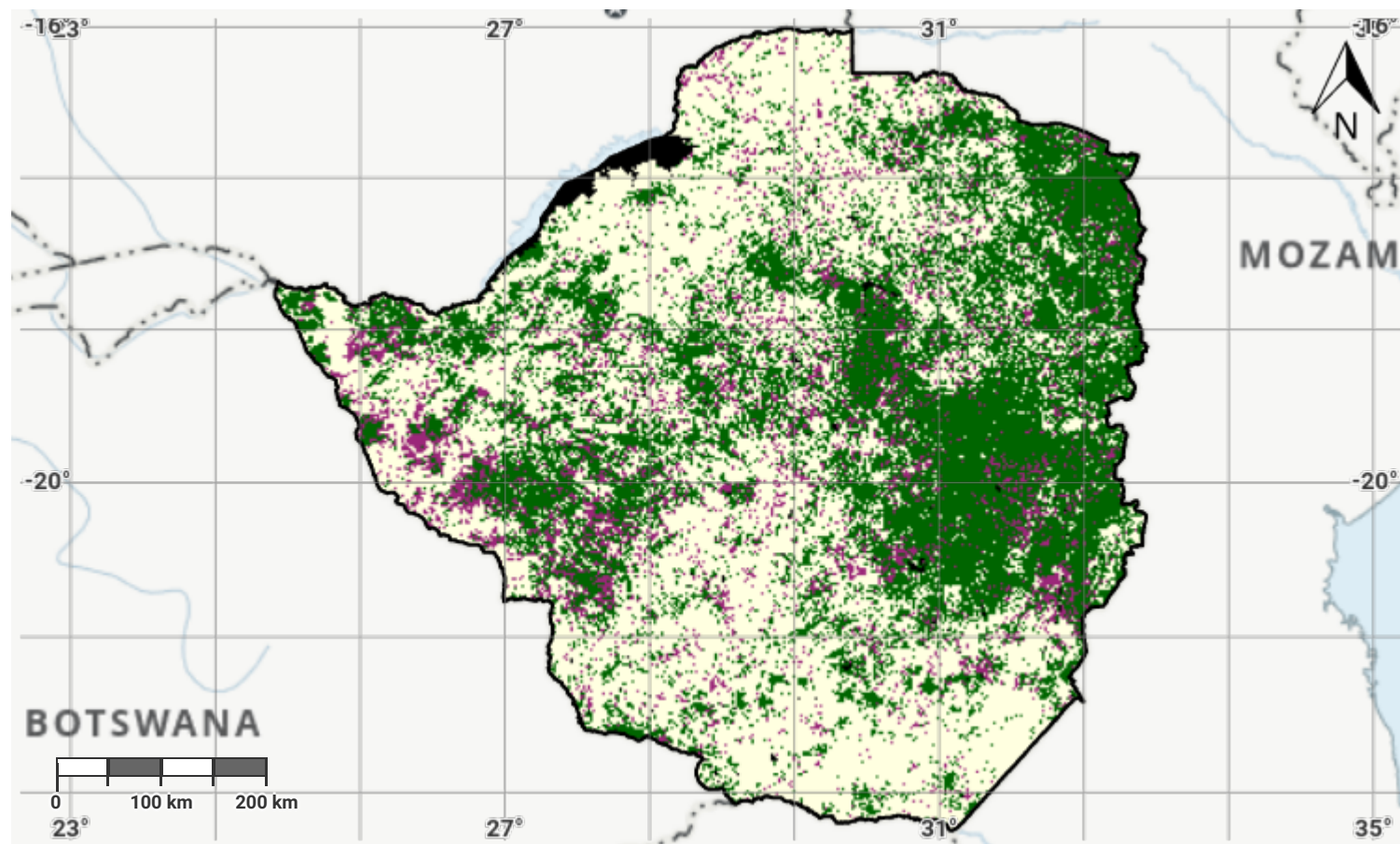
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## Zimbabwe – S01-4.M3

### Progress towards Land Degradation Neutrality (LDN) in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

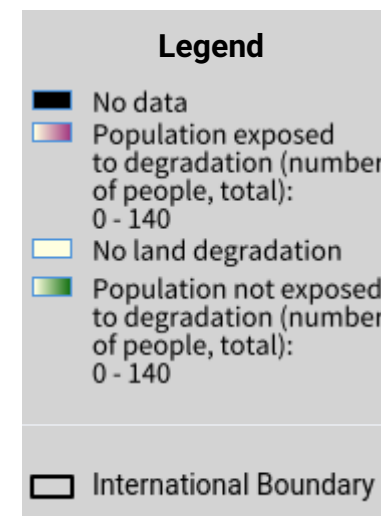
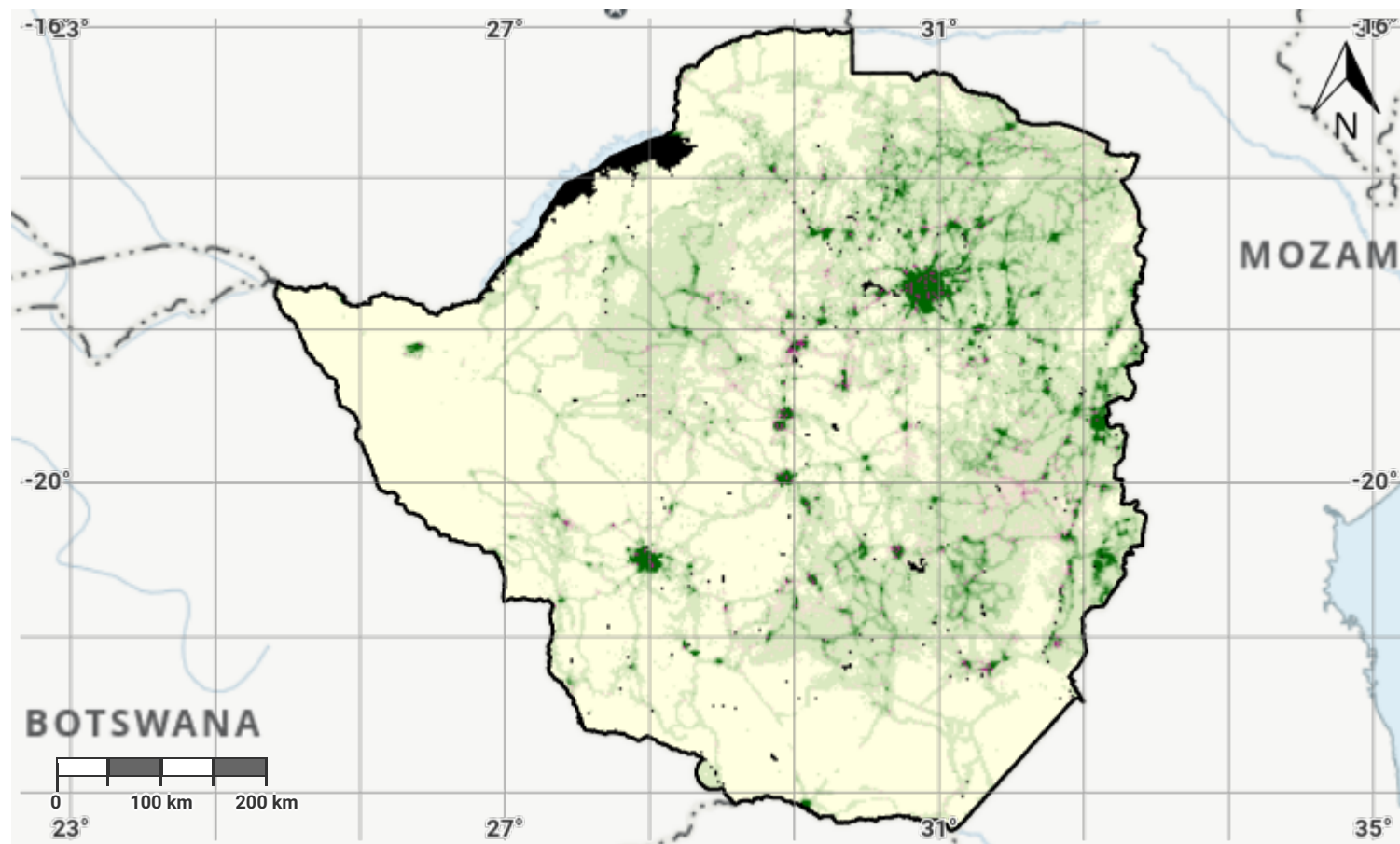
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## Zimbabwe – S02-3.M1

### Total Population exposed to land degradation (baseline)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

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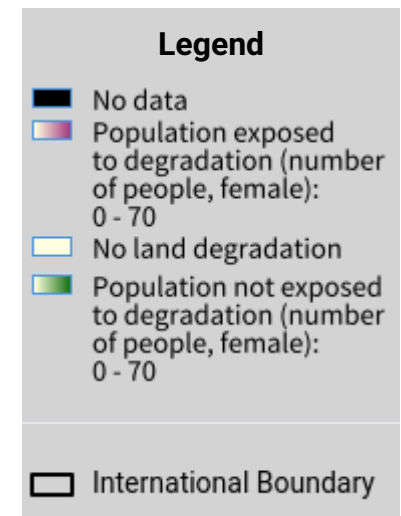
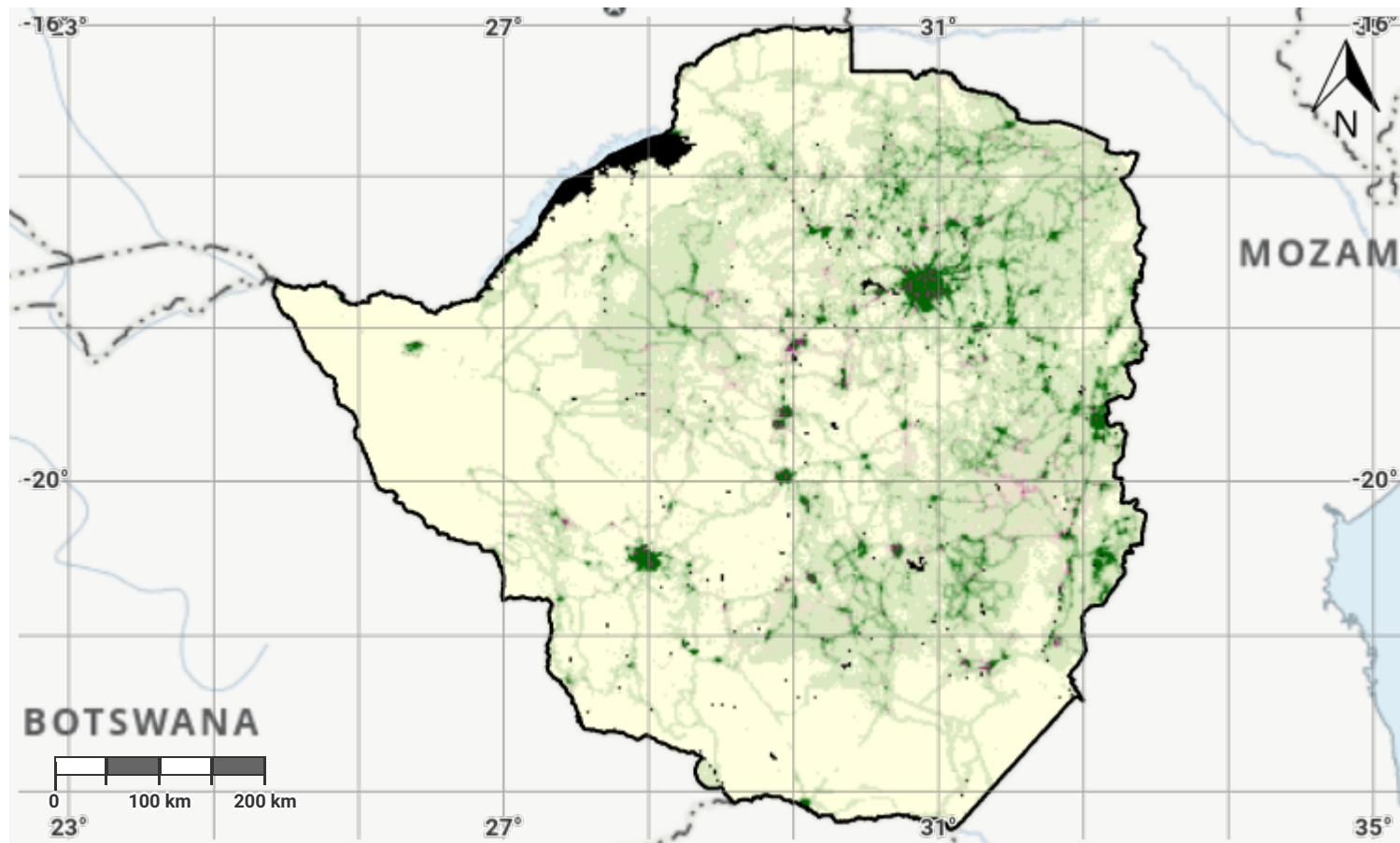
#### Source Data Credits

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- WorldPop project URL: <https://www.worldpop.org>



## Zimbabwe – S02-3.M2

### Female Population exposed to land degradation (baseline)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

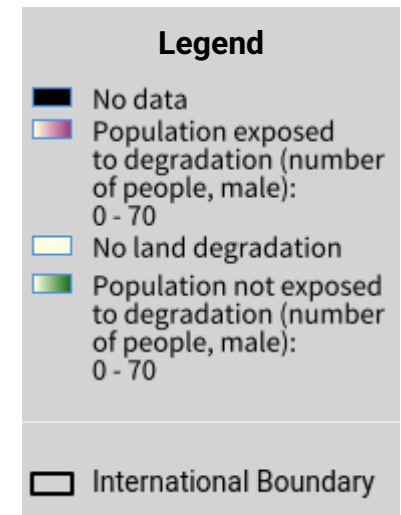
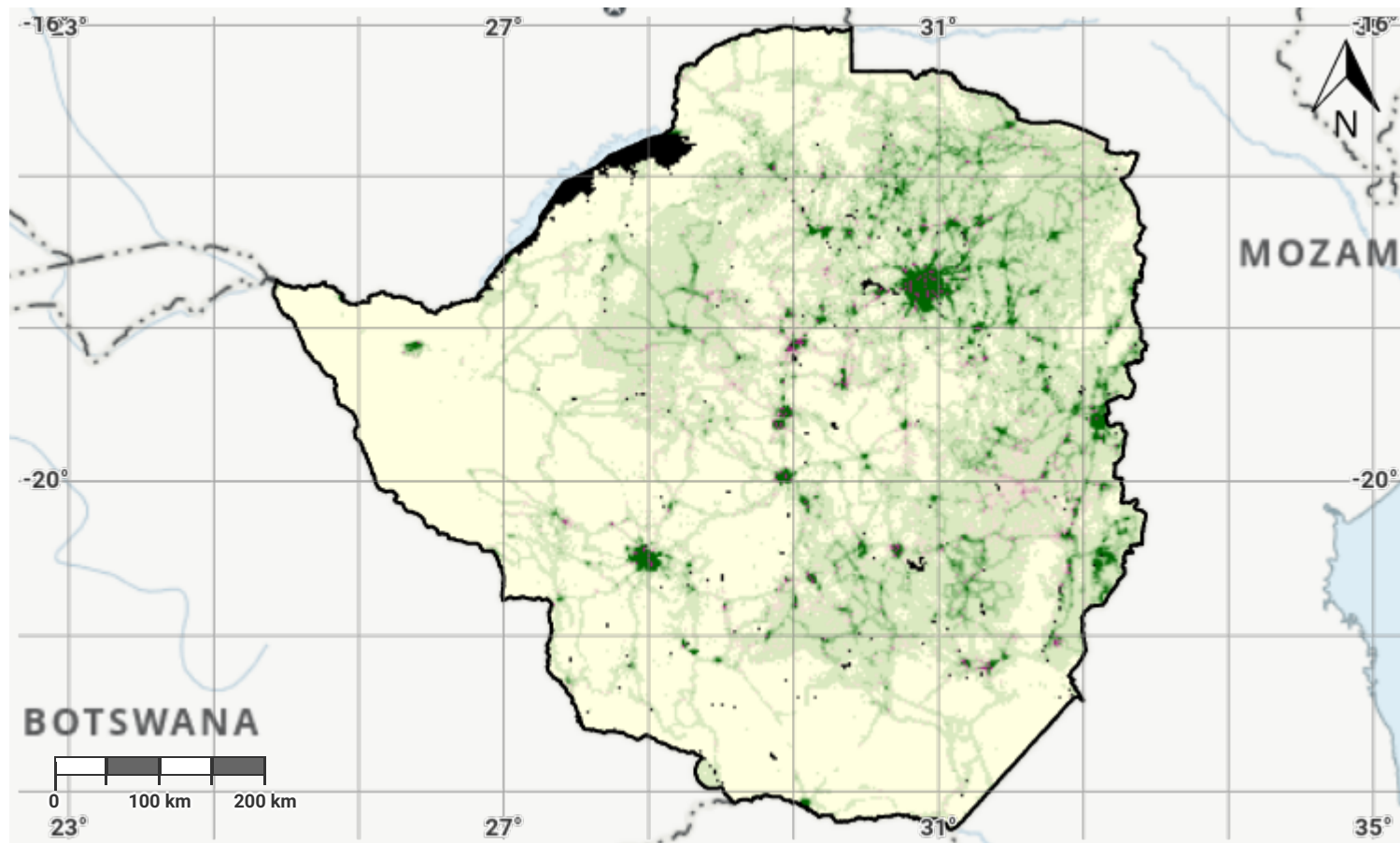
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#### Source Data Credits

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- WorldPop project URL: <https://www.worldpop.org>

## Zimbabwe – S02-3.M3

### Male Population exposed to land degradation (baseline)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

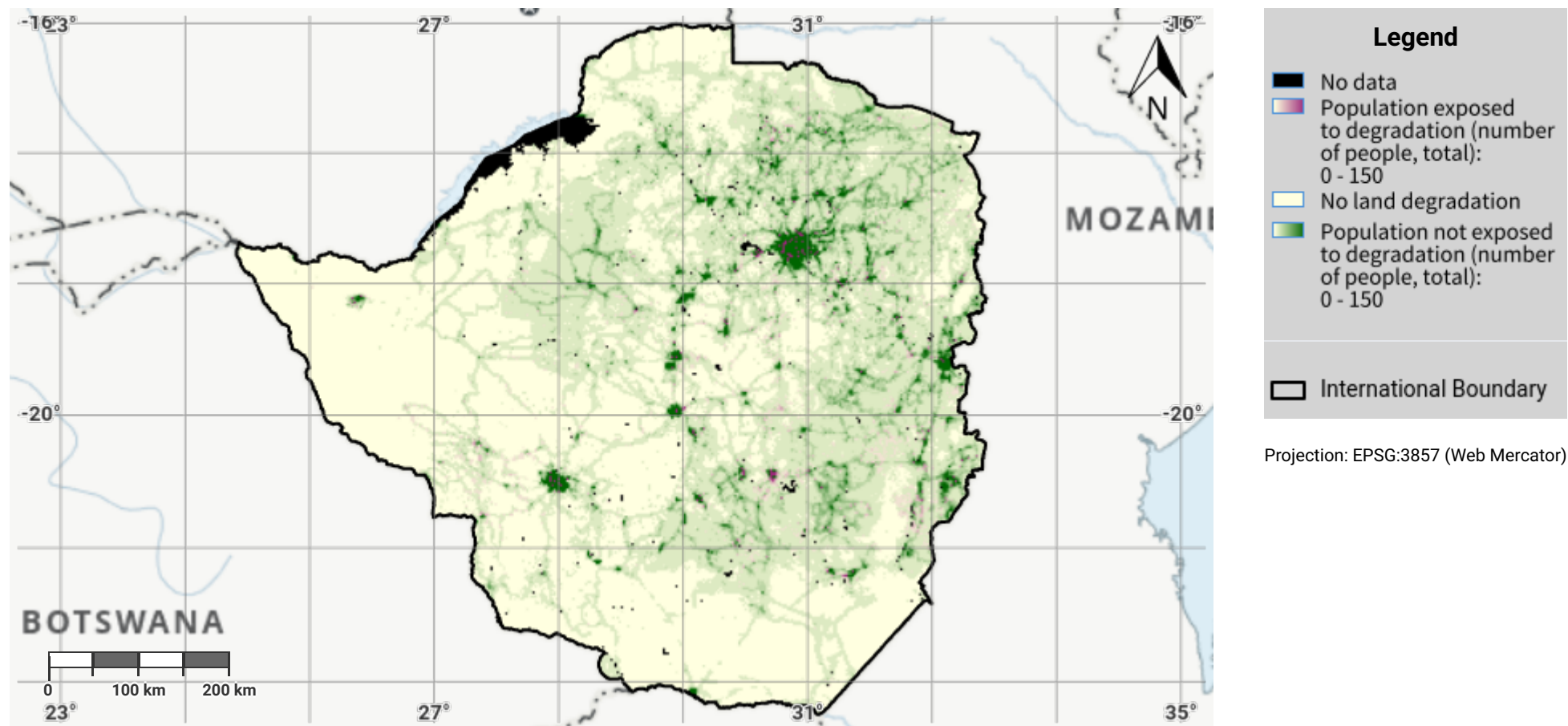
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- WorldPop project URL: <https://www.worldpop.org>

## Zimbabwe – S02-3.M4

### Total Population exposed to land degradation (reporting)



#### Disclaimer

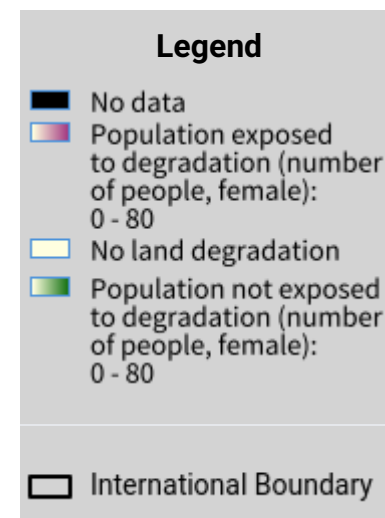
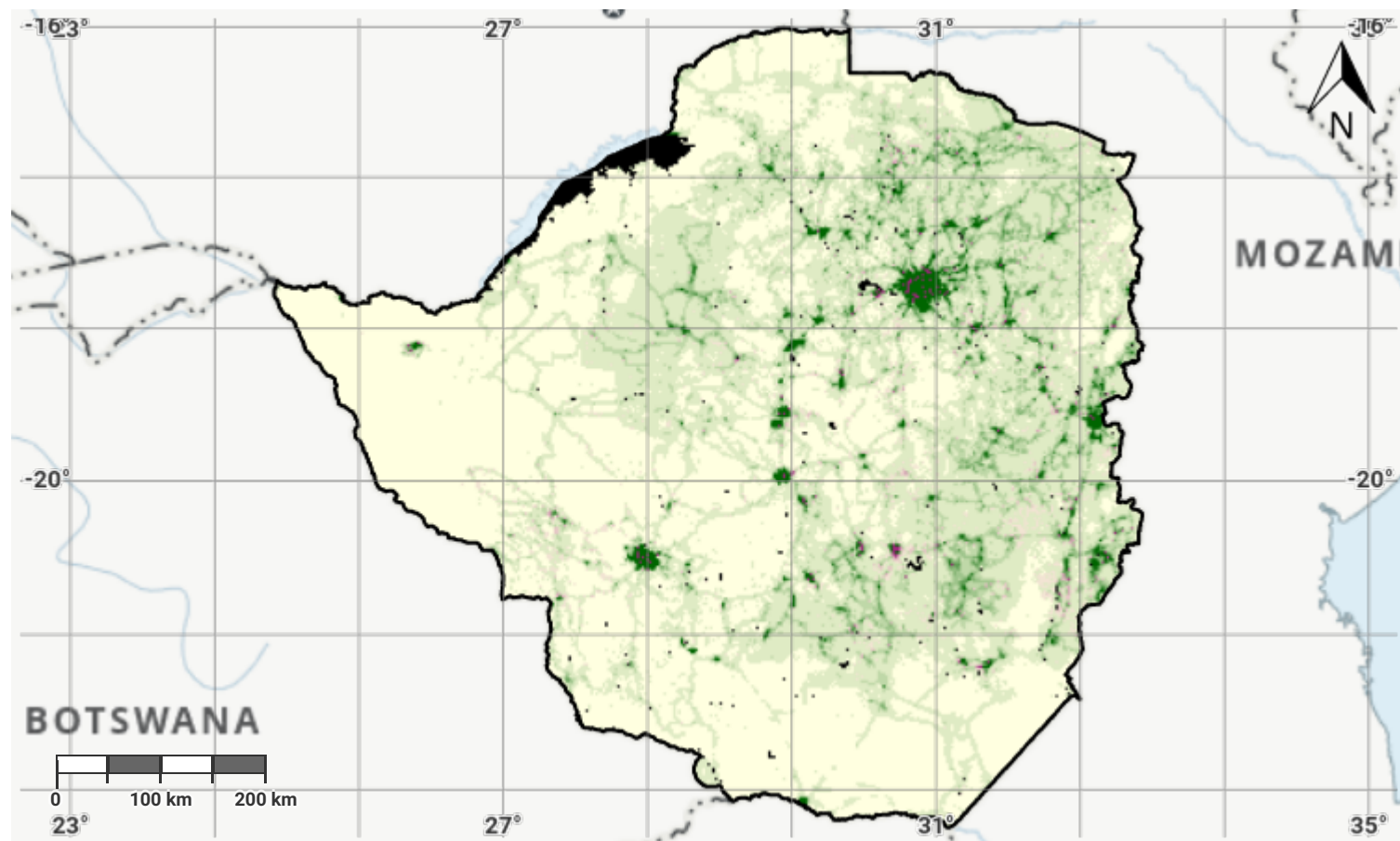
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## Zimbabwe – S02-3.M5

### Female Population exposed to land degradation (reporting)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

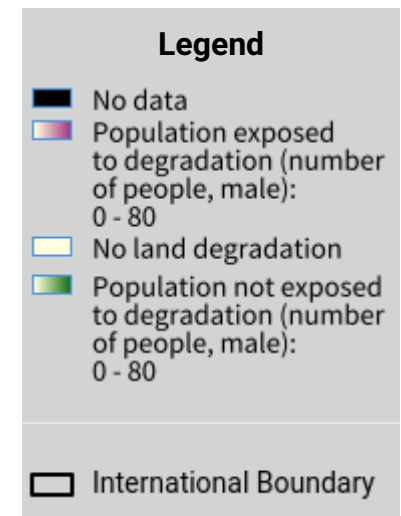
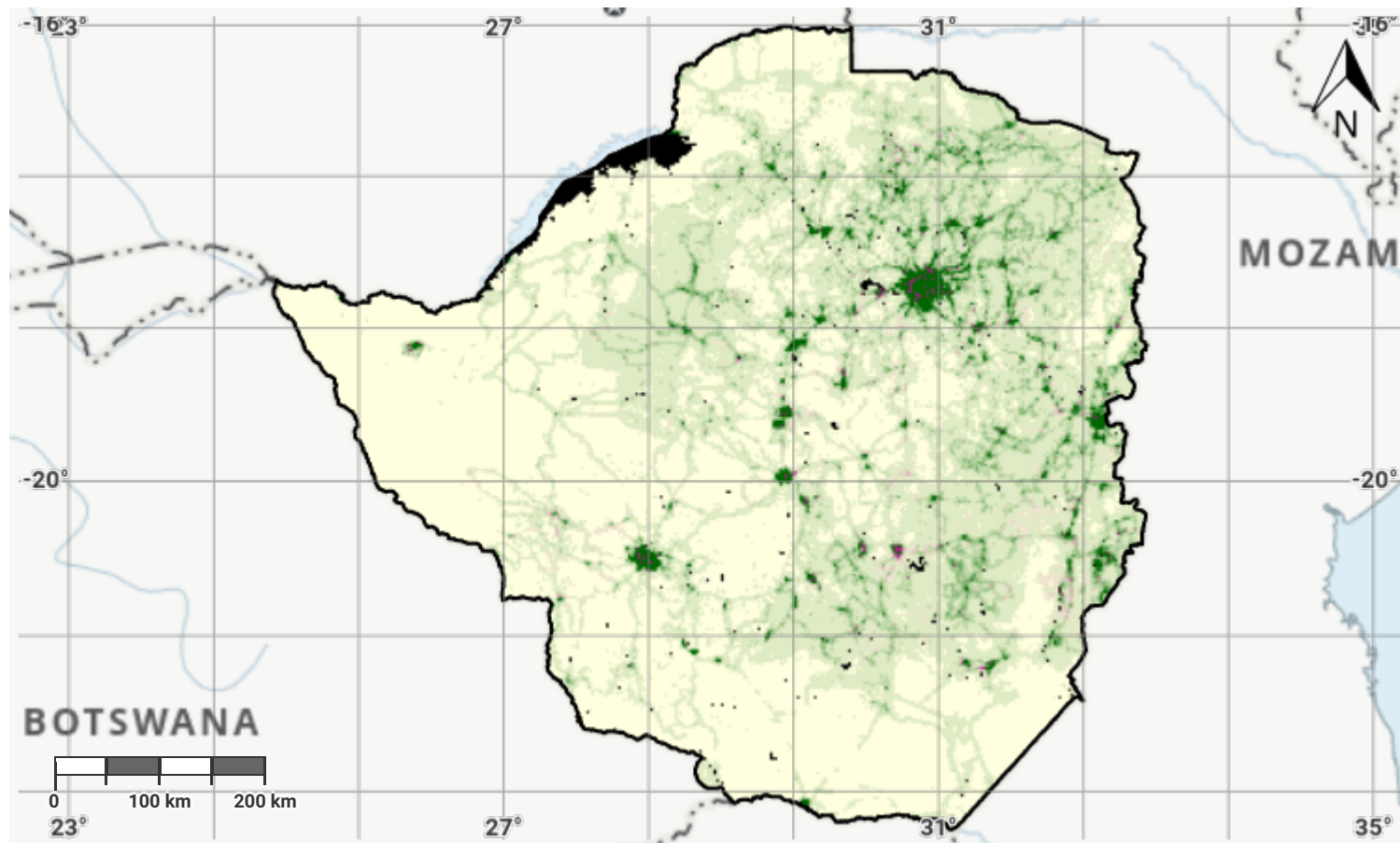
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## Zimbabwe – S02-3.M6

### Male Population exposed to land degradation (reporting)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

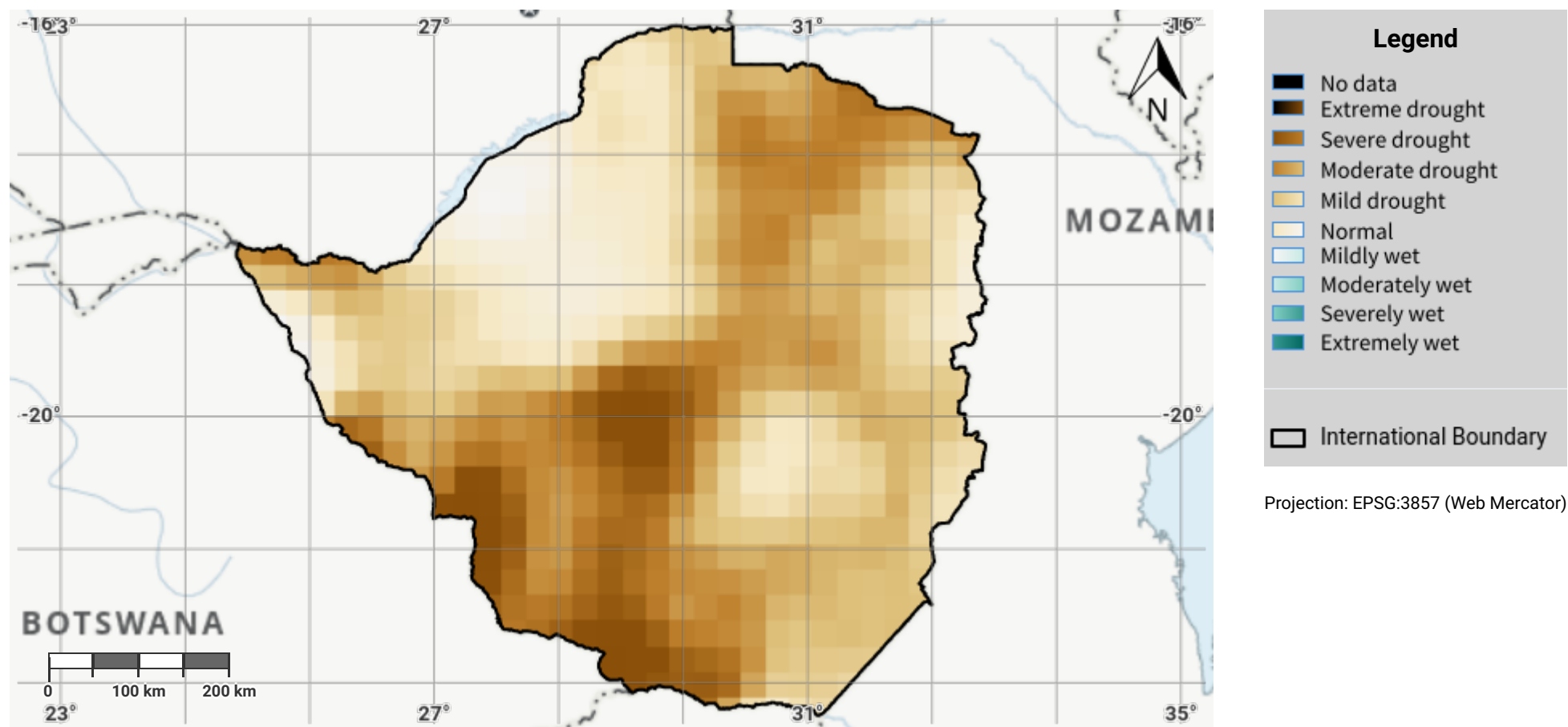
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## Zimbabwe – S03-1.M1

### Drought hazard in first epoch of baseline period



#### Disclaimer

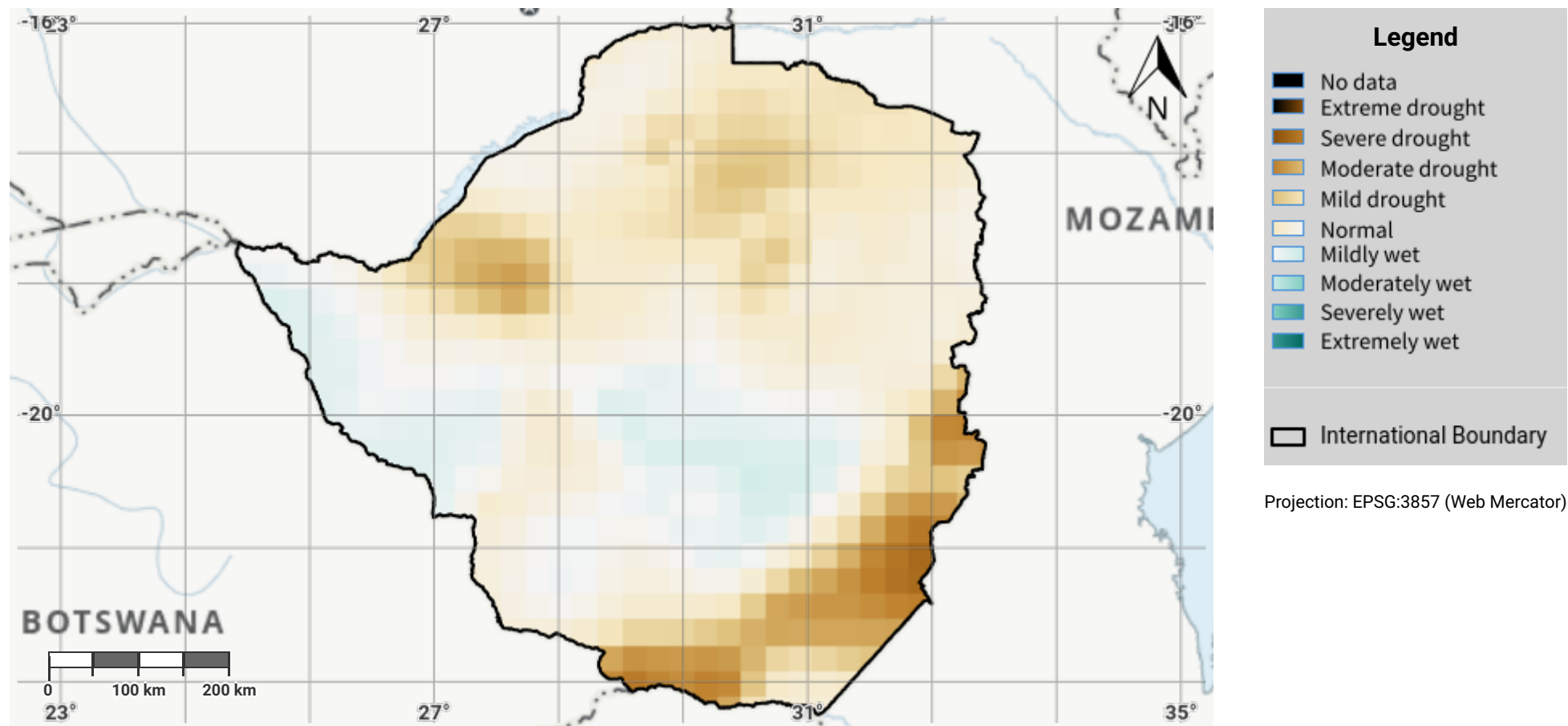
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## Zimbabwe – S03-1.M2

### Drought hazard in second epoch of baseline period



#### Disclaimer

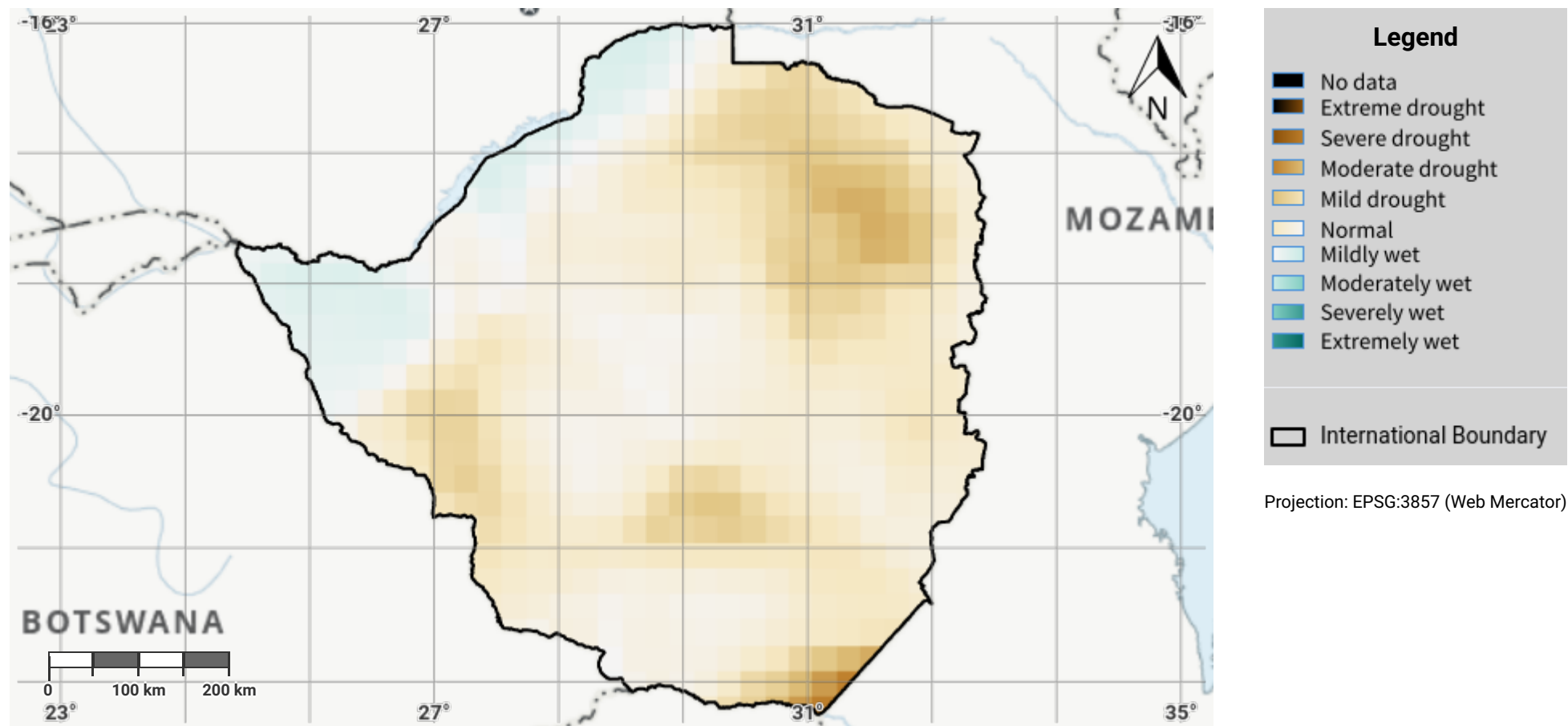
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## Zimbabwe – S03-1.M3

### Drought hazard in third epoch of baseline period



#### Disclaimer

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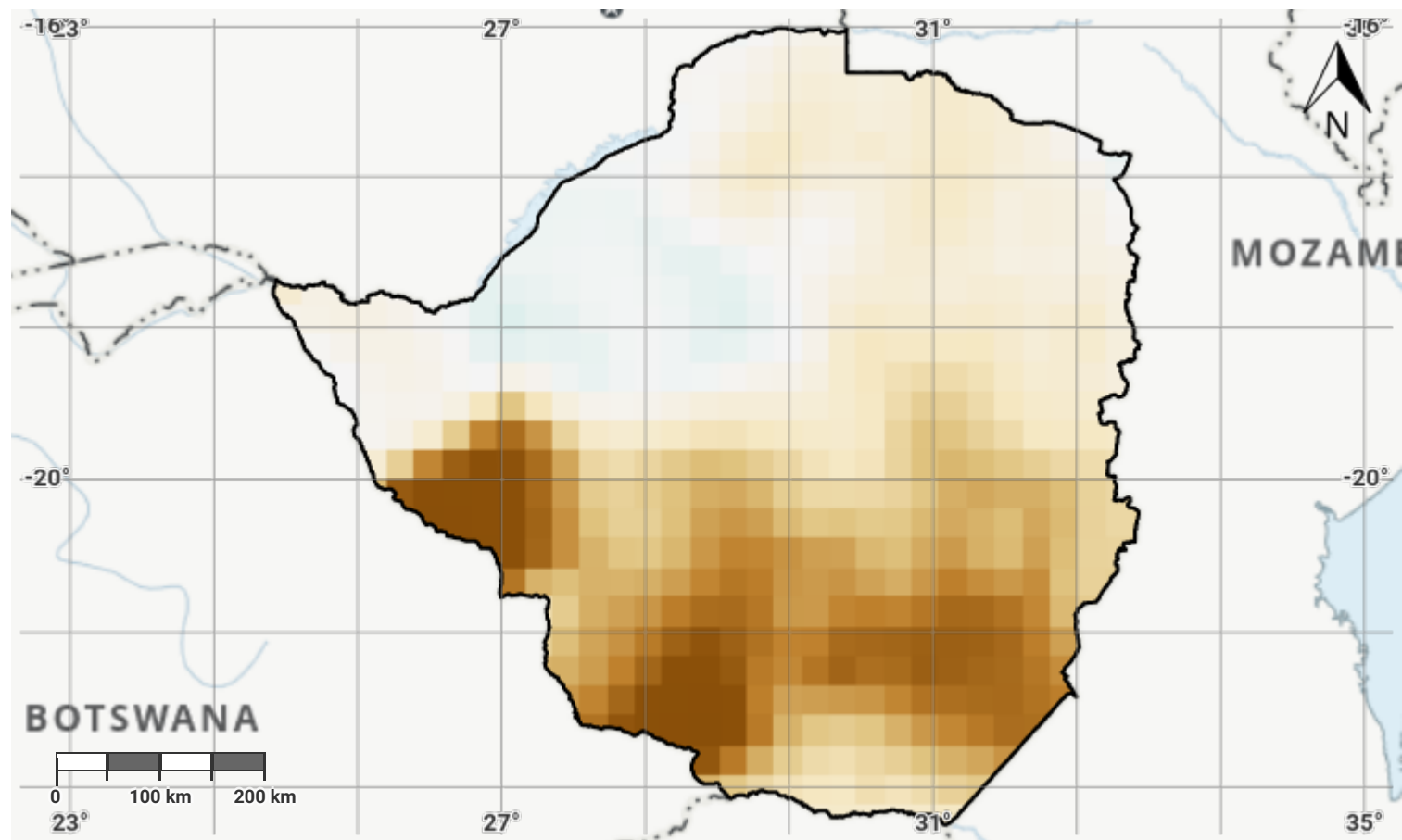
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## Zimbabwe – S03-1.M4

### Drought hazard in fourth epoch of baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

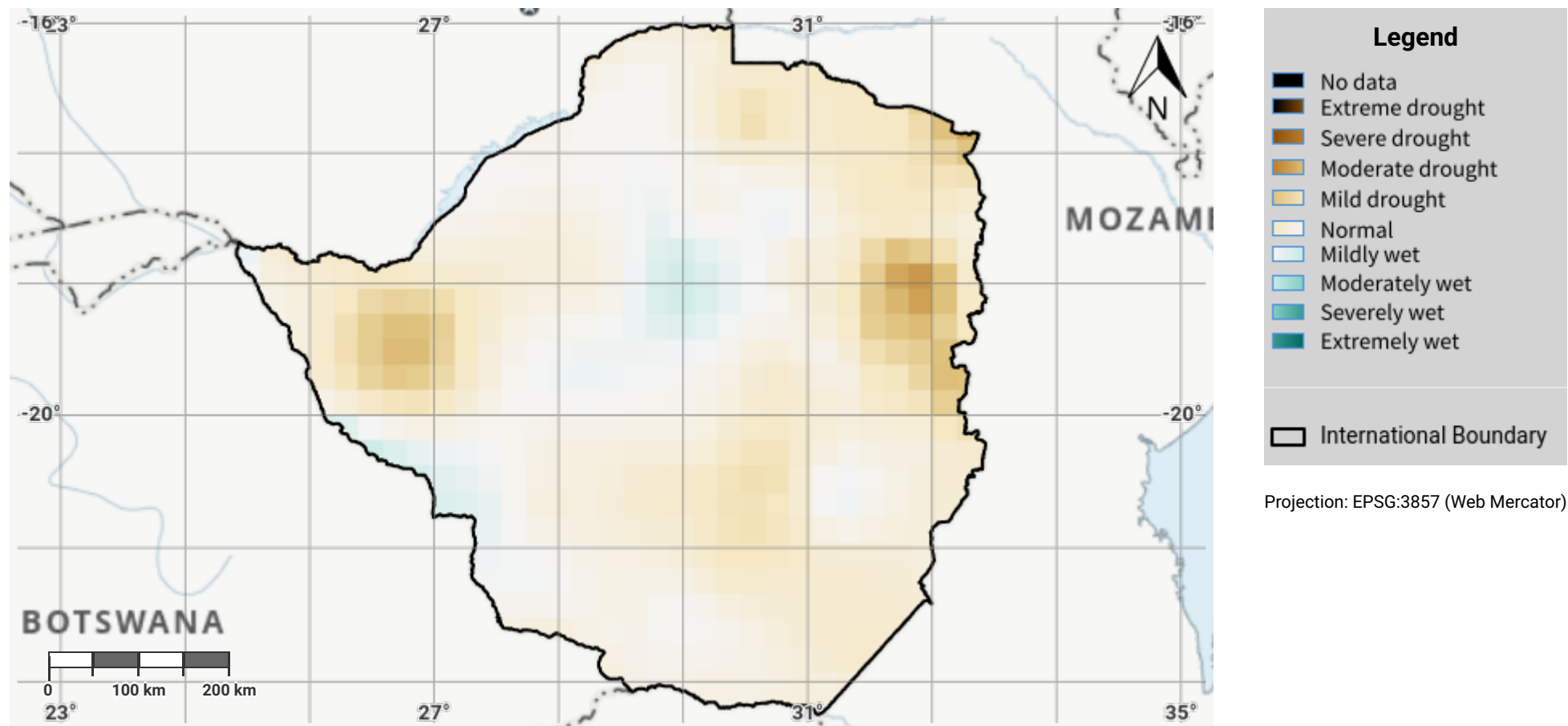
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## Zimbabwe – S03-1.M5

### Drought hazard in the reporting period



#### Disclaimer

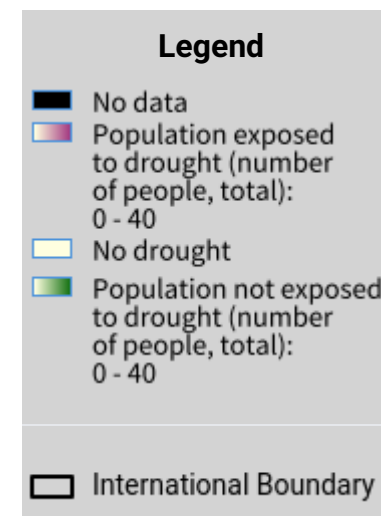
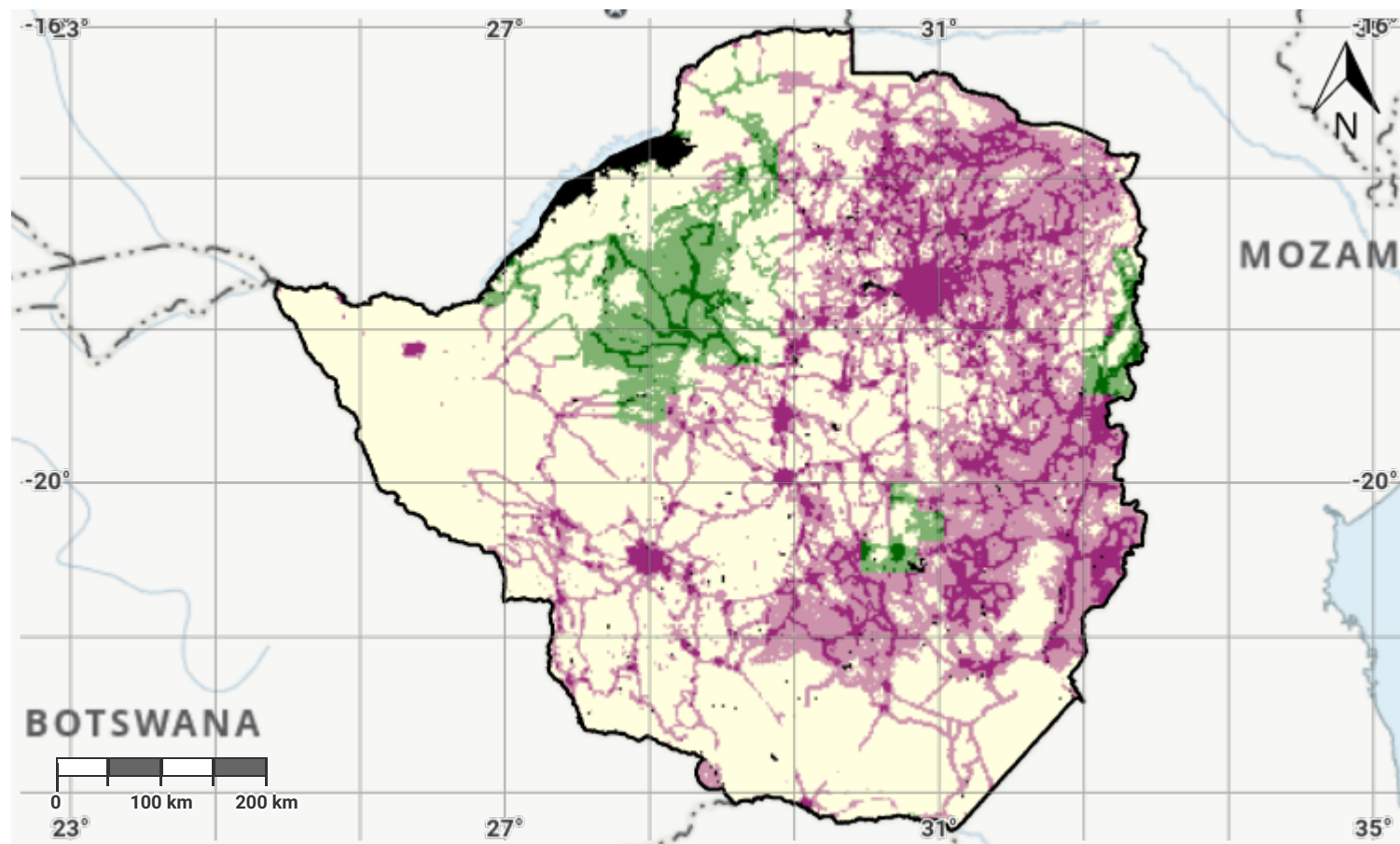
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## Zimbabwe – S03-2.M1

### Drought exposure in first epoch of baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

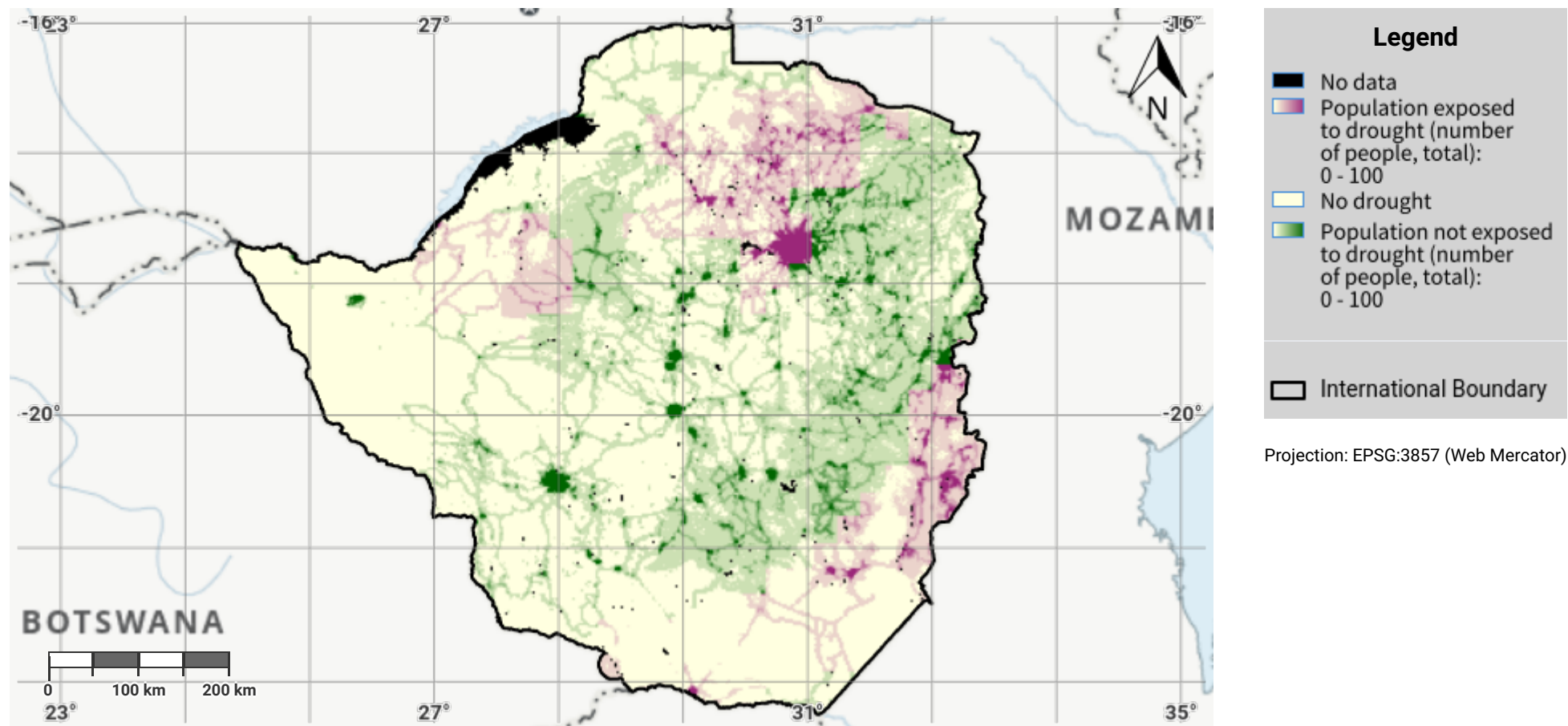
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## Zimbabwe – S03-2.M2

### Drought exposure in second epoch of baseline period



#### Disclaimer

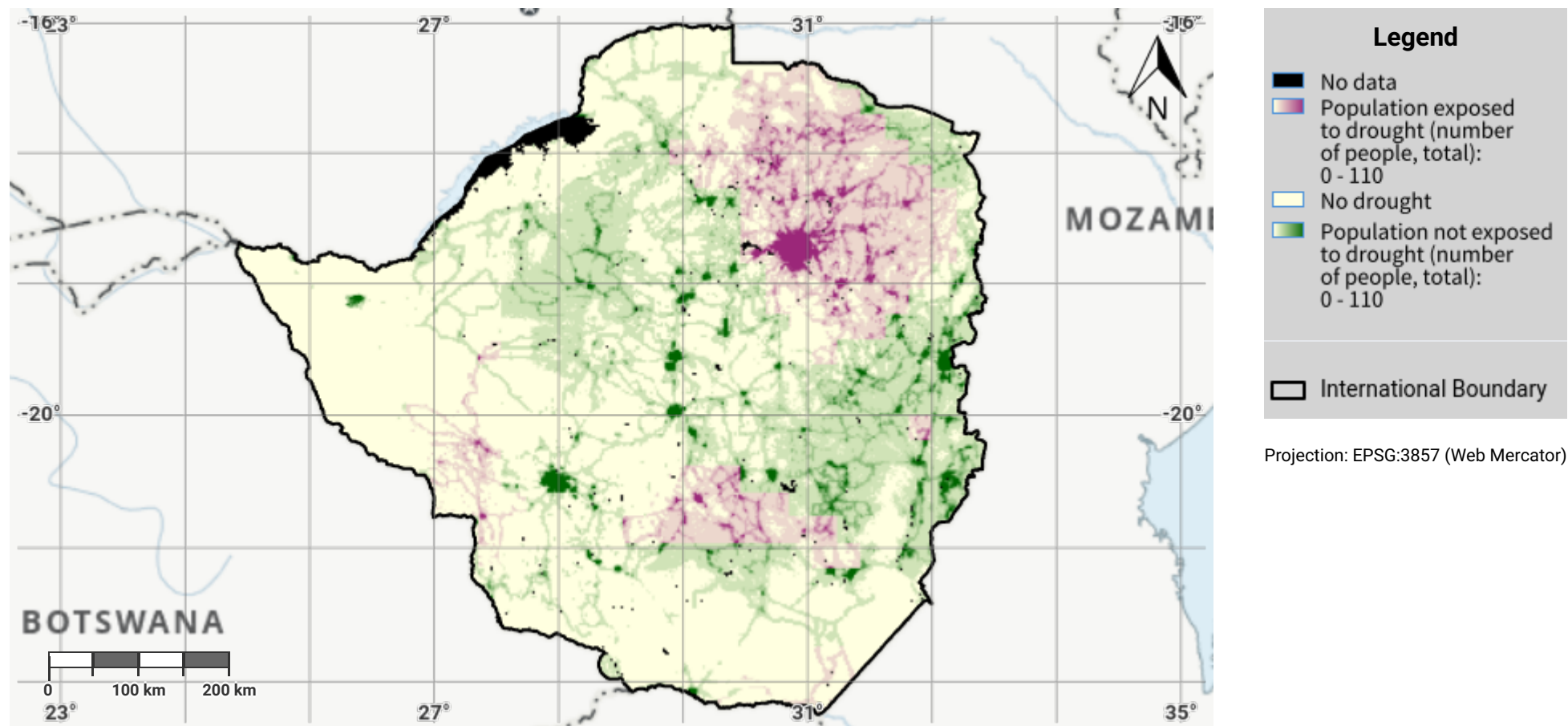
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## Zimbabwe – S03-2.M3

### Drought exposure in third epoch of baseline period



#### Disclaimer

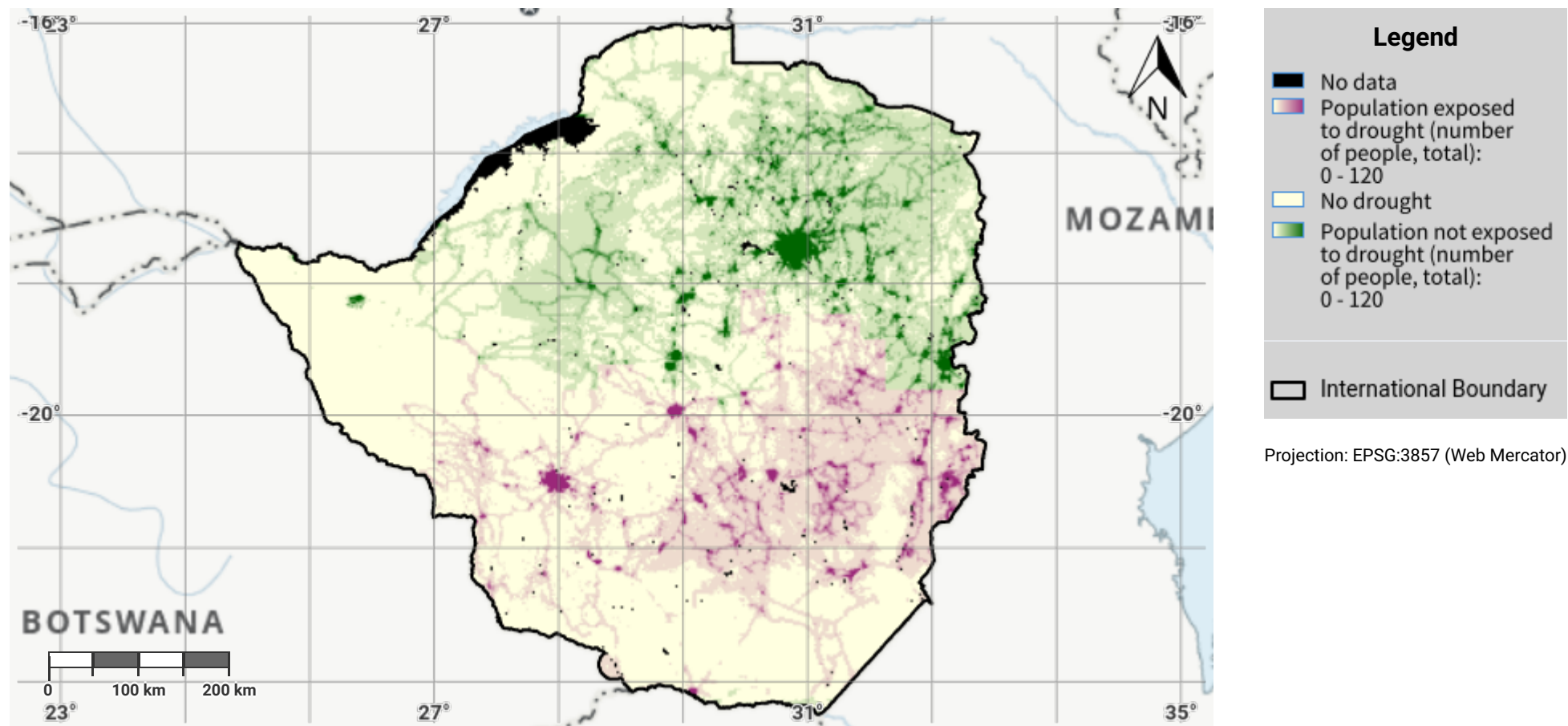
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## Zimbabwe – S03-2.M4

### Drought exposure in fourth epoch of baseline period



#### Disclaimer

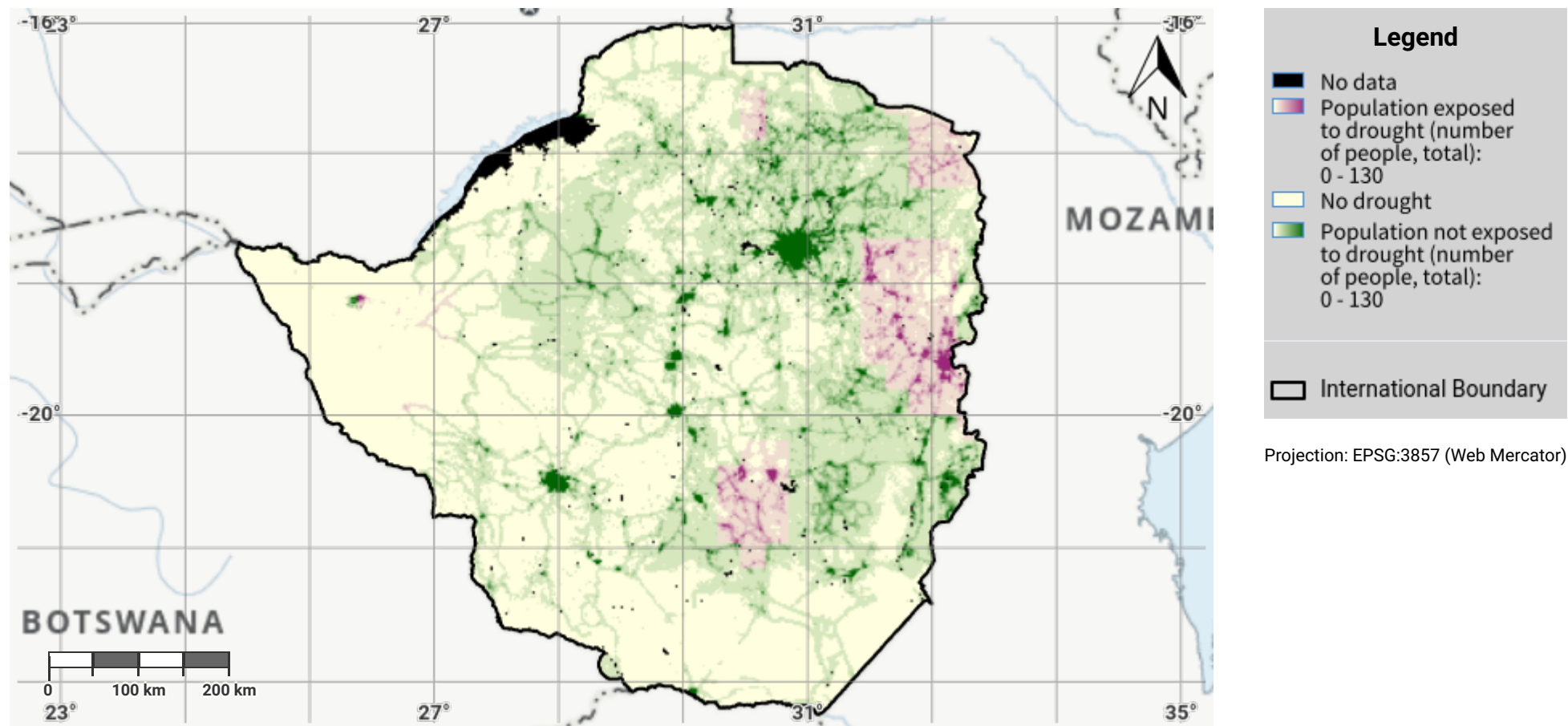
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## Zimbabwe – S03-2.M5

### Drought exposure in the reporting period



#### Disclaimer

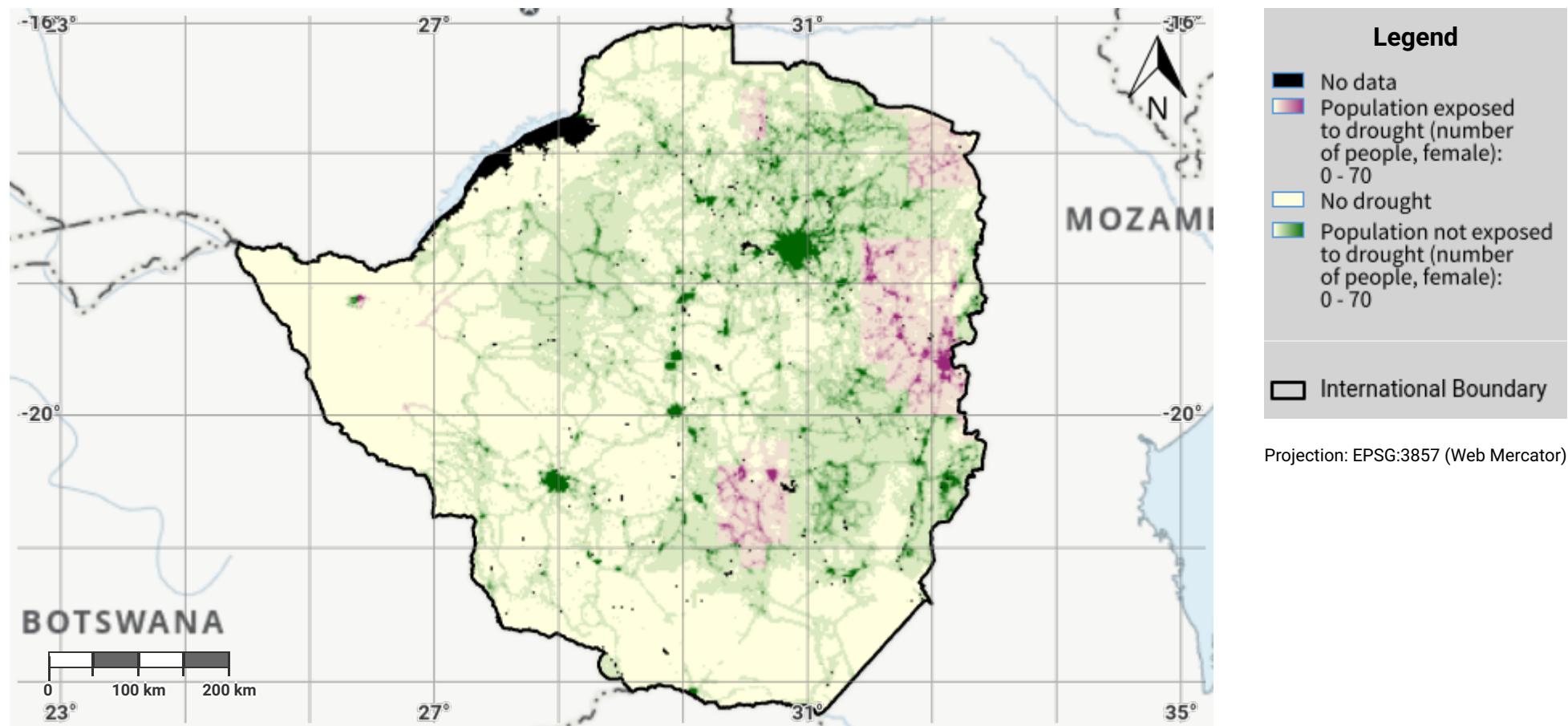
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## Zimbabwe – S03-2.M6

### Female drought exposure in the reporting period



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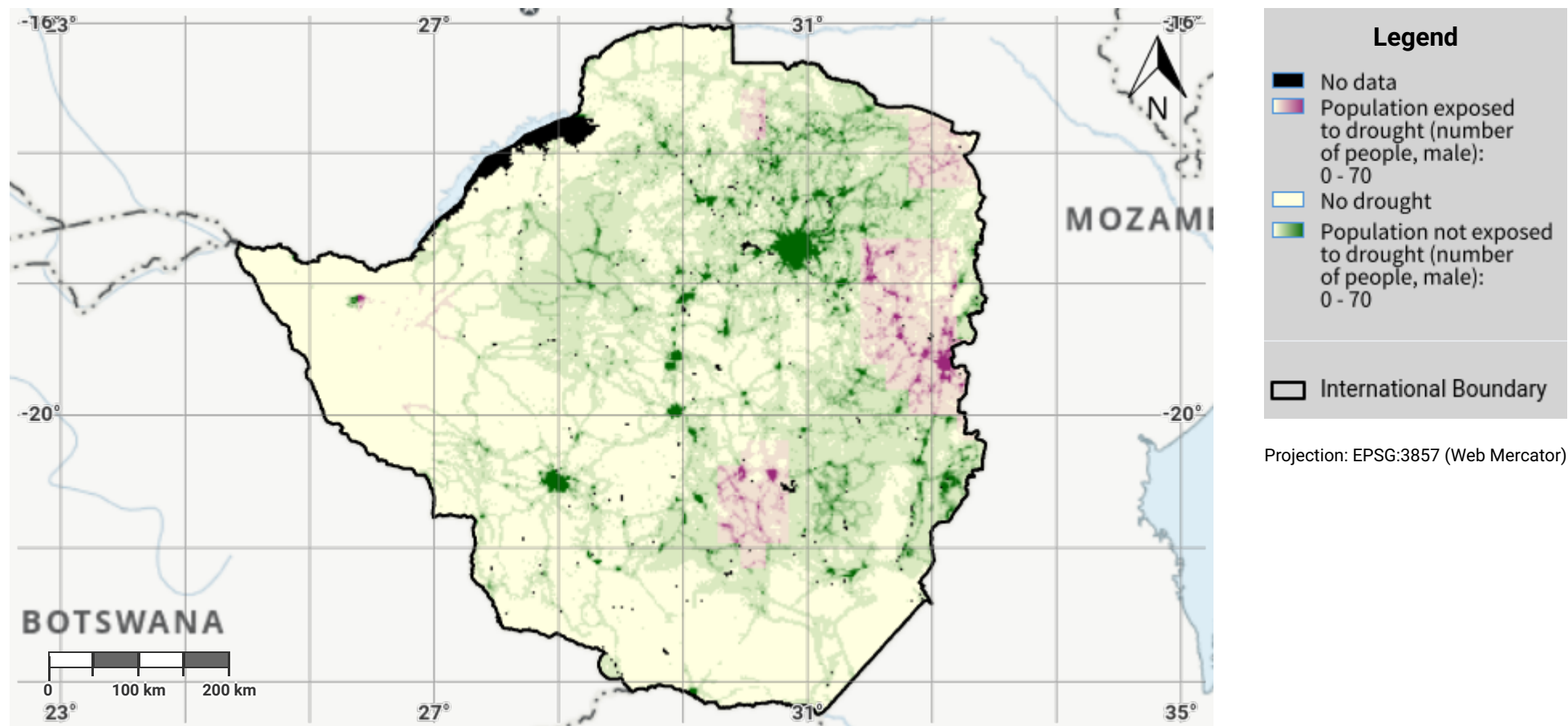
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## Zimbabwe – S03-2.M7

### Male drought exposure in the reporting period



#### Disclaimer

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