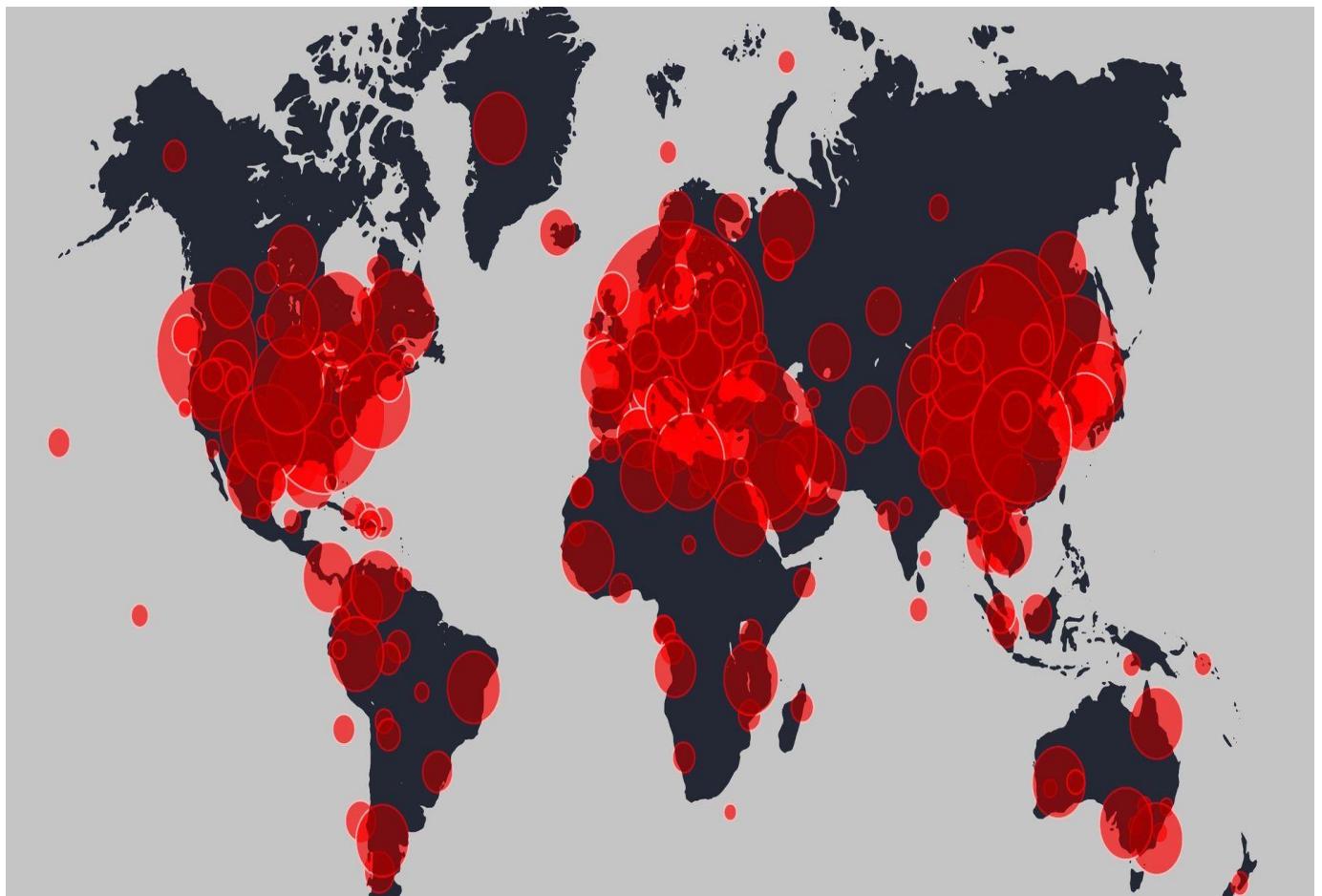


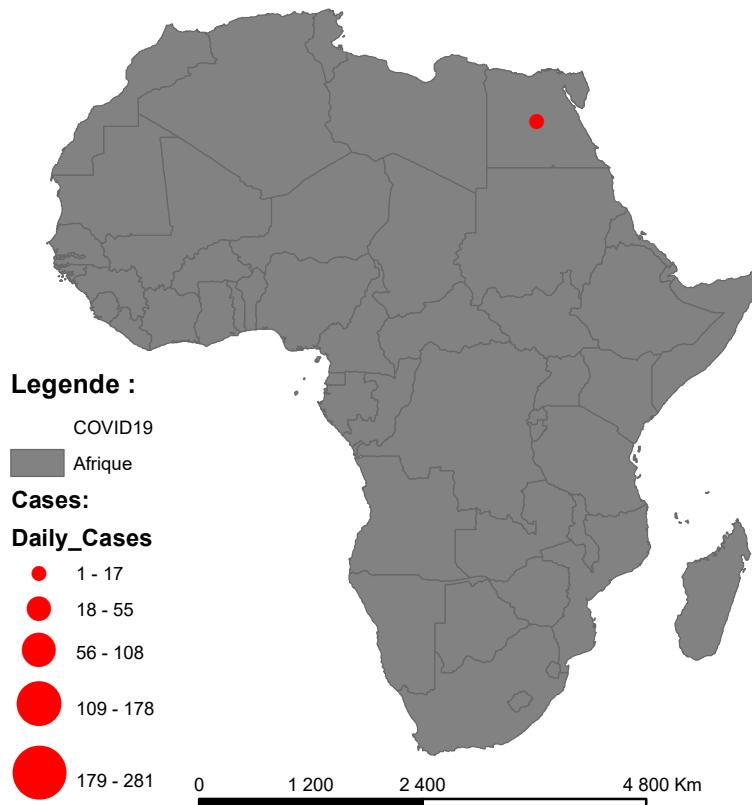
# **Atlas cartographique sur la répartition de l'épidémie de coronavirus dans l'AFRIQUE**



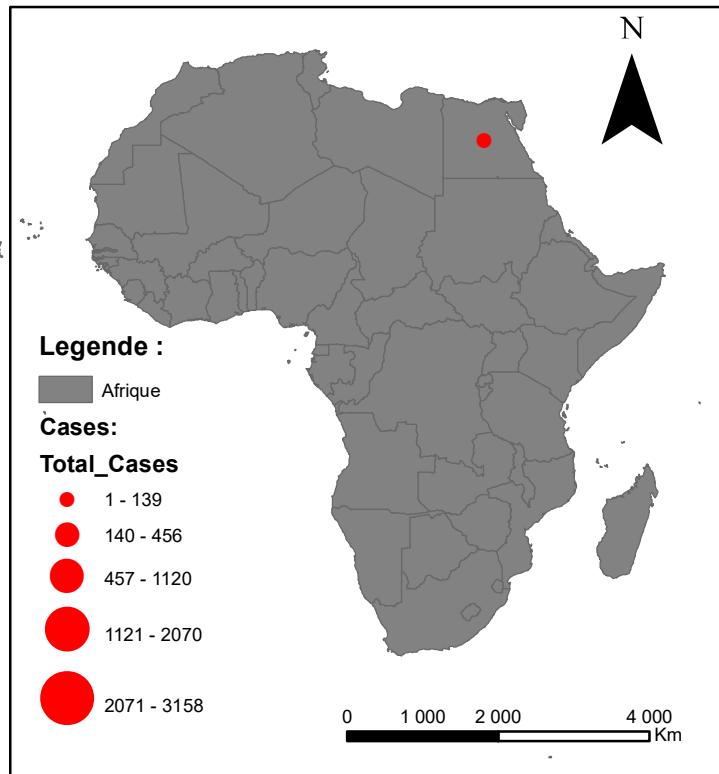
**Encadré par : Mr.FADIL Hamid  
Réalisé par : AFNIDOU M'BARKA**

# cartes de l'état d'infection : journalier et cumul: 14/02/20

cas journaliere : 1.0 cas cumulé : 1.0

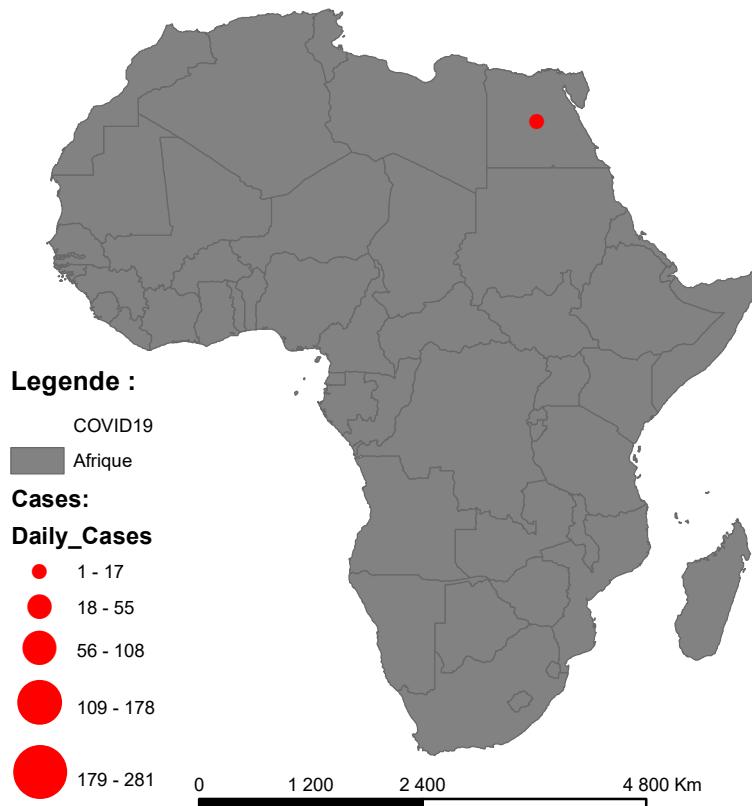


1

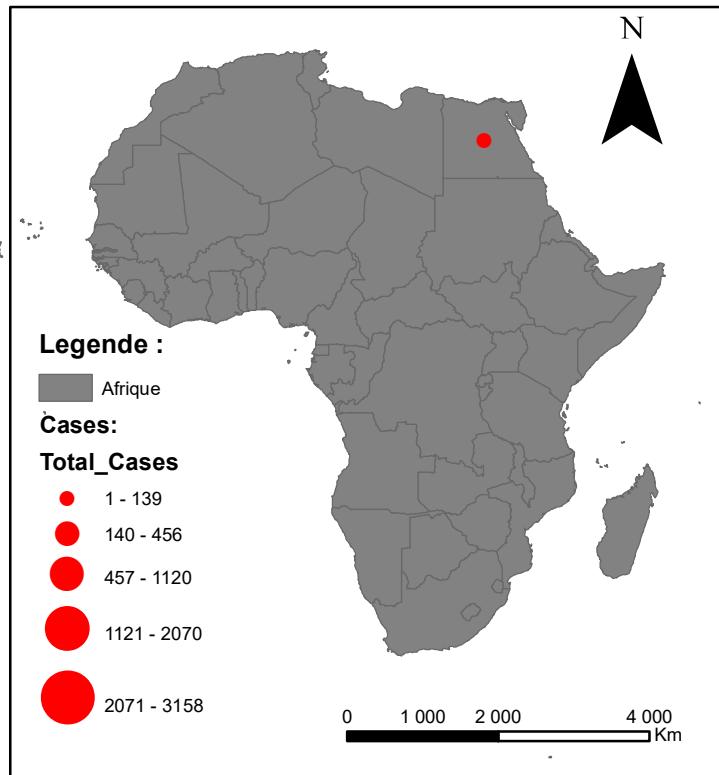


# cartes de l'état d'infection : journalier et cumul: 15/02/20

cas journaliere :0.0cas cumulé :1.0

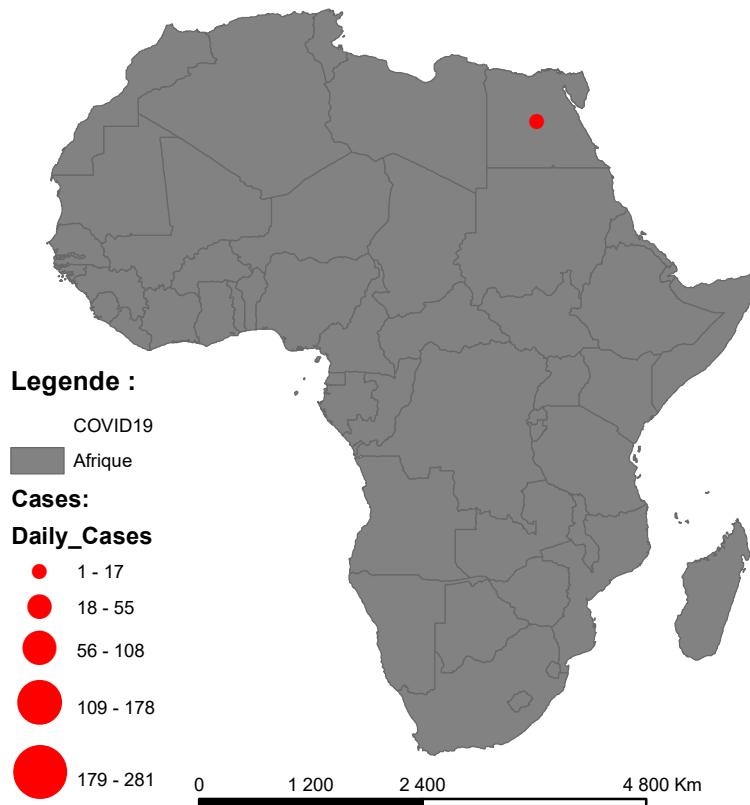


2

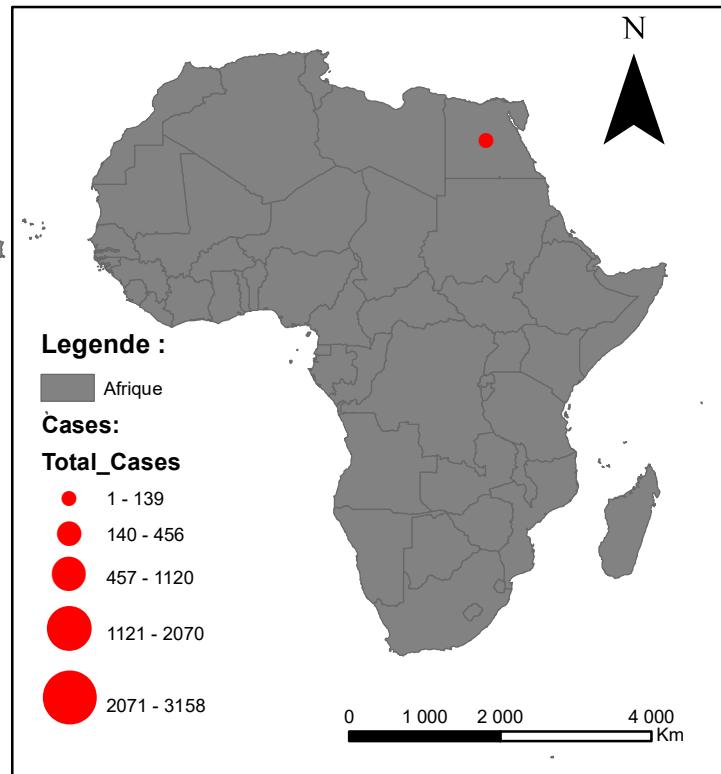


# cartes de l'état d'infection : journalier et cumul: 16/02/20

cas journaliere :0.0cas cumulé :1.0

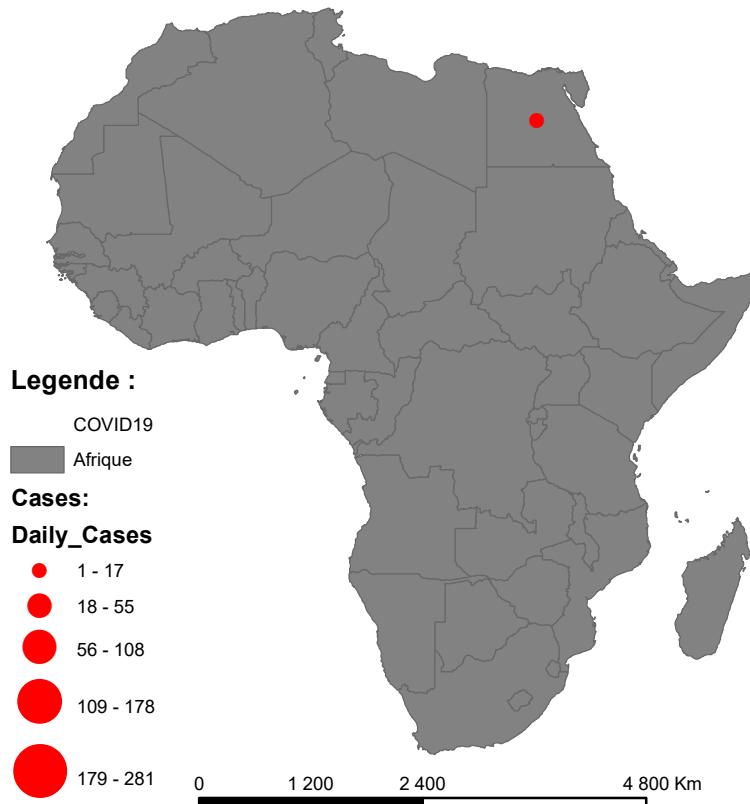


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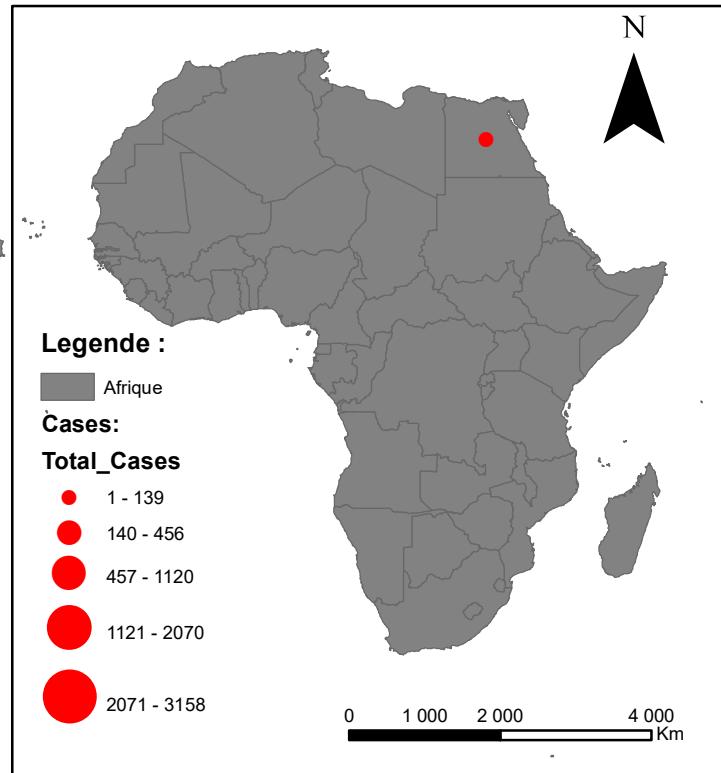


# cartes de l'état d'infection : journalier et cumul: 17/02/20

cas journaliere :0.0cas cumulé :1.0

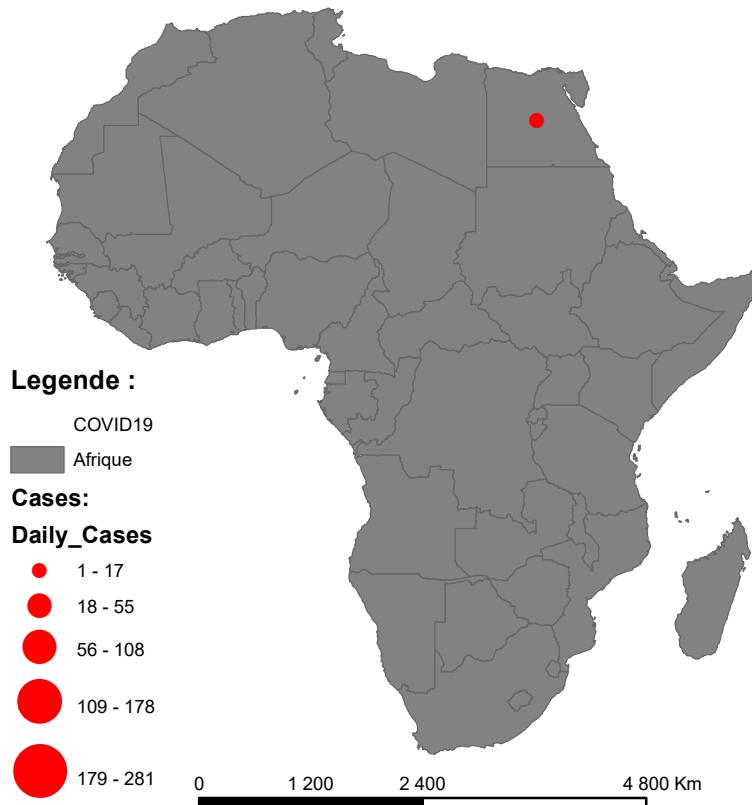


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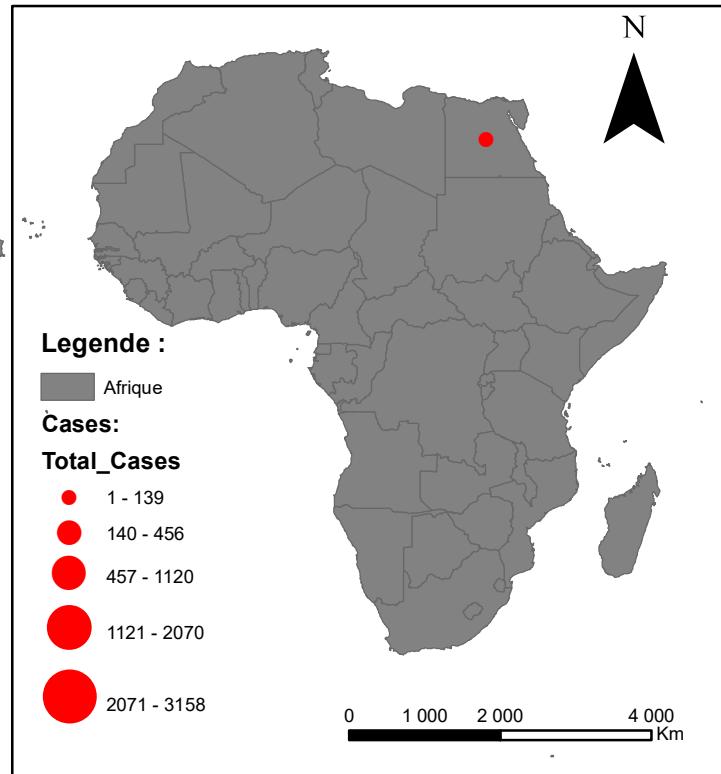


# cartes de l'état d'infection : journalier et cumul: 18/02/20

cas journaliere :0.0cas cumulé :1.0

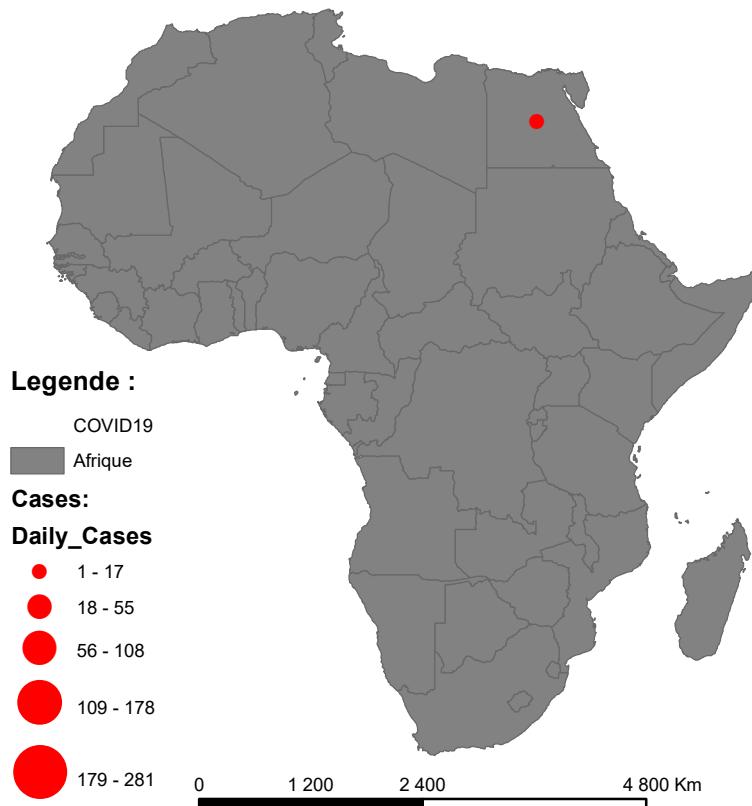


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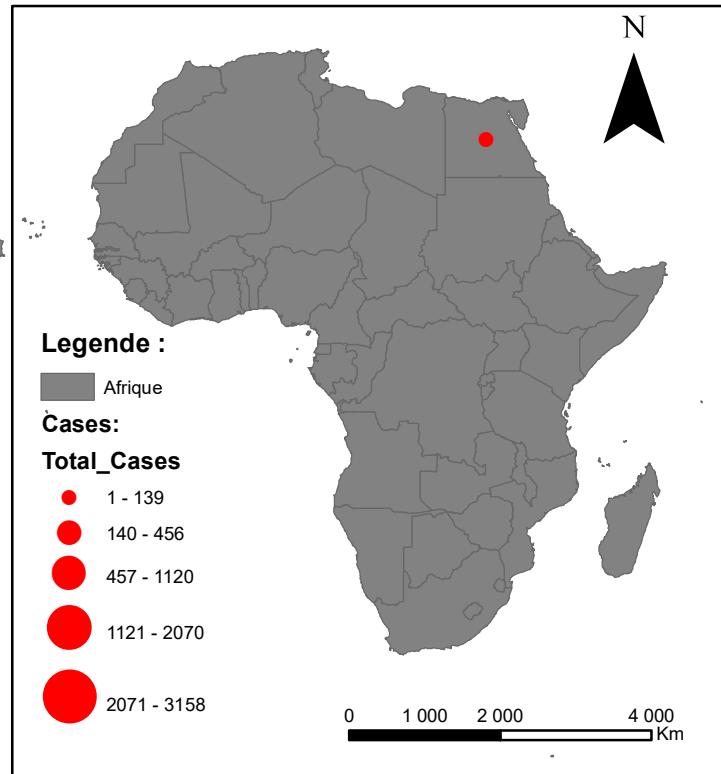


# cartes de l'état d'infection : journalier et cumul: 19/02/20

cas journaliere :0.0cas cumulé :1.0

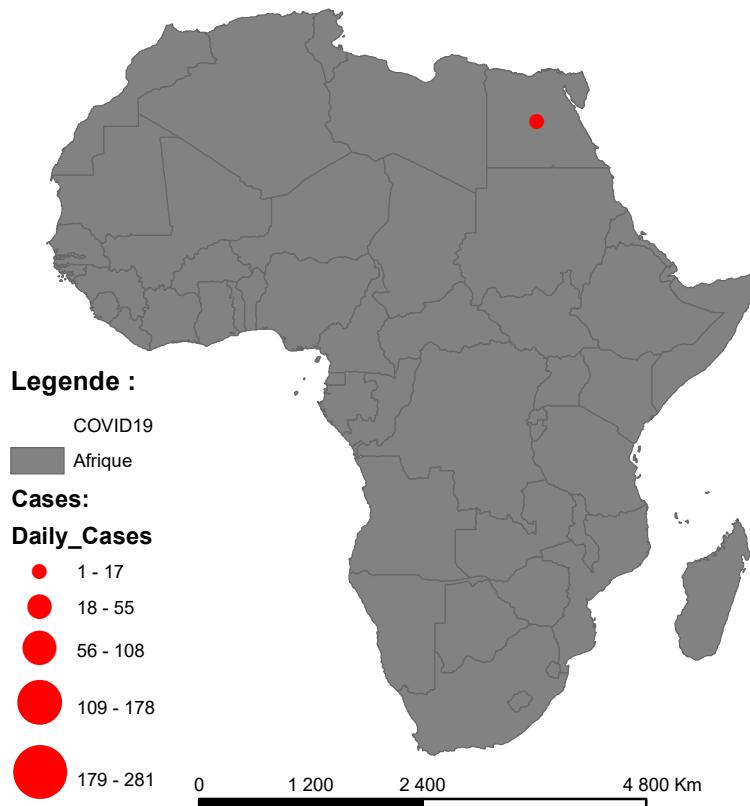


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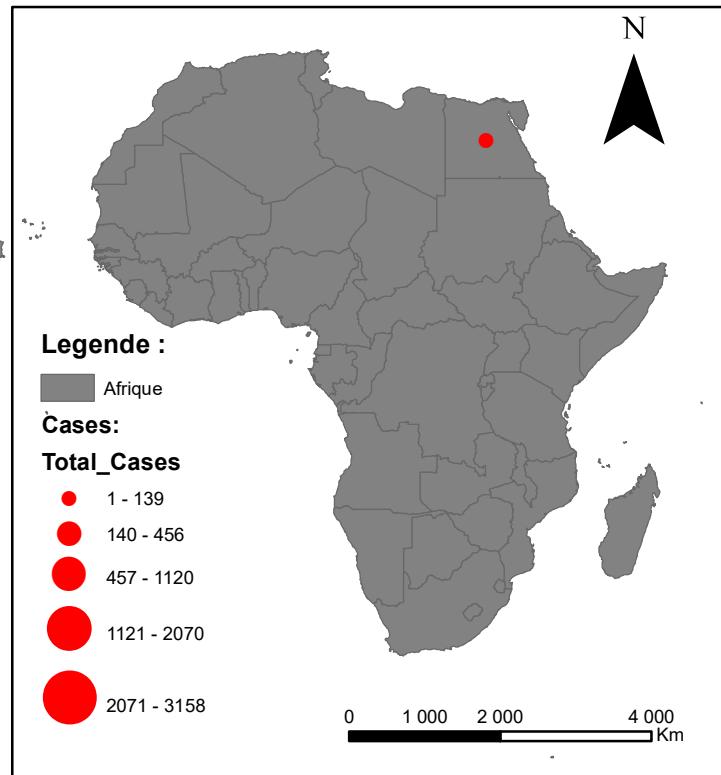


# cartes de l'état d'infection : journalier et cumul: 20/02/20

cas journaliere :0.0cas cumulé :1.0

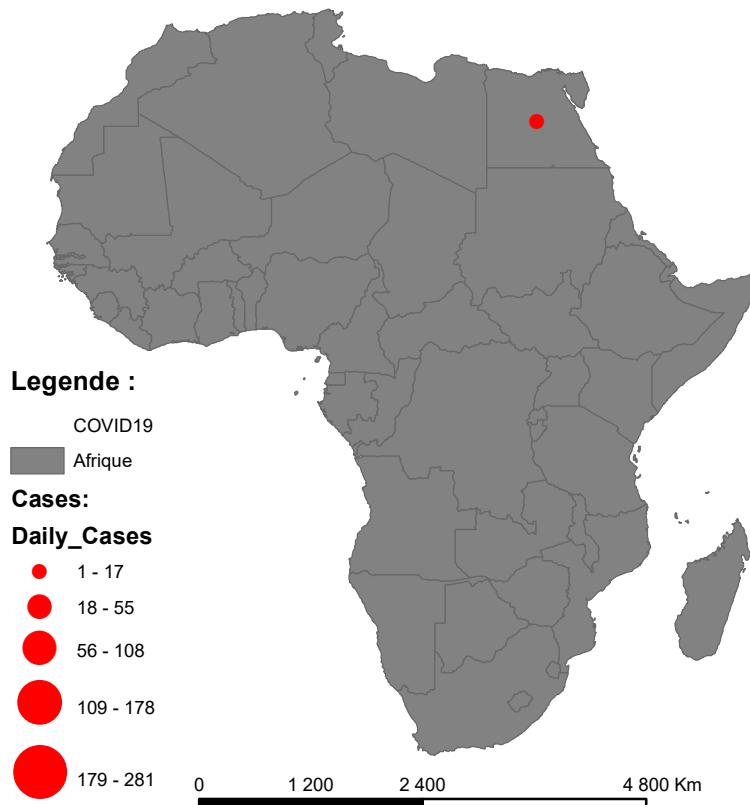


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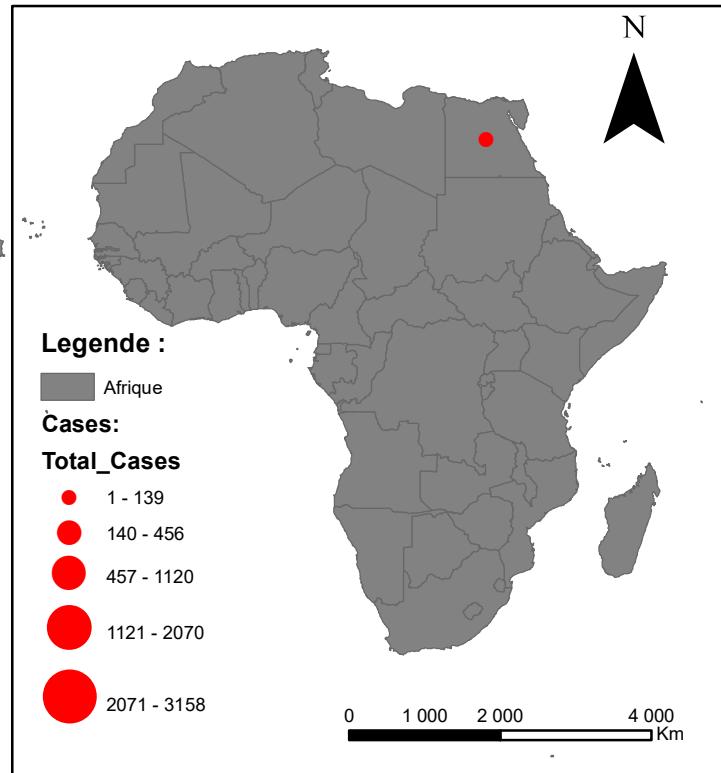


# cartes de l'état d'infection : journalier et cumul: 21/02/20

cas journaliere :0.0cas cumulé :1.0

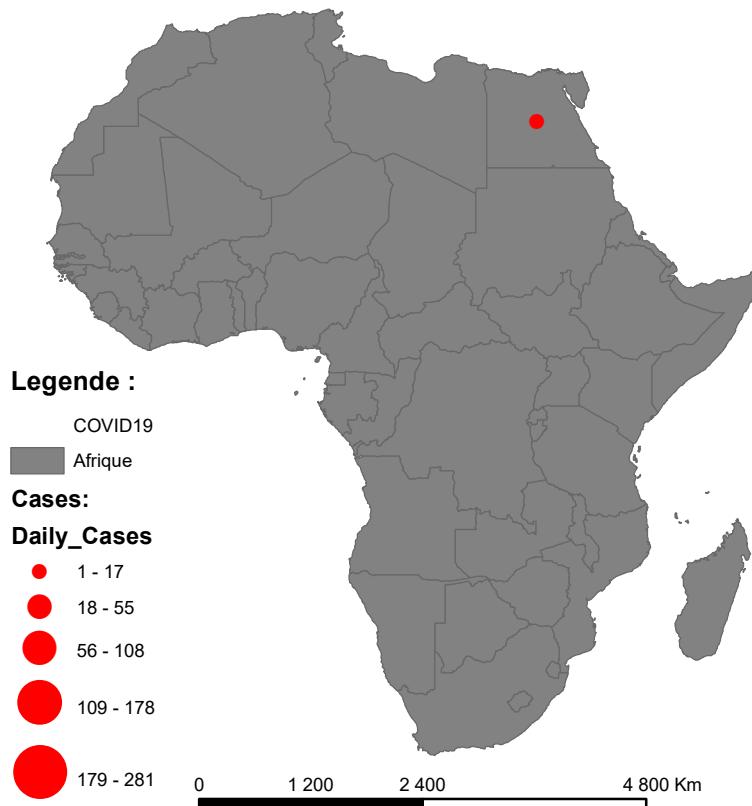


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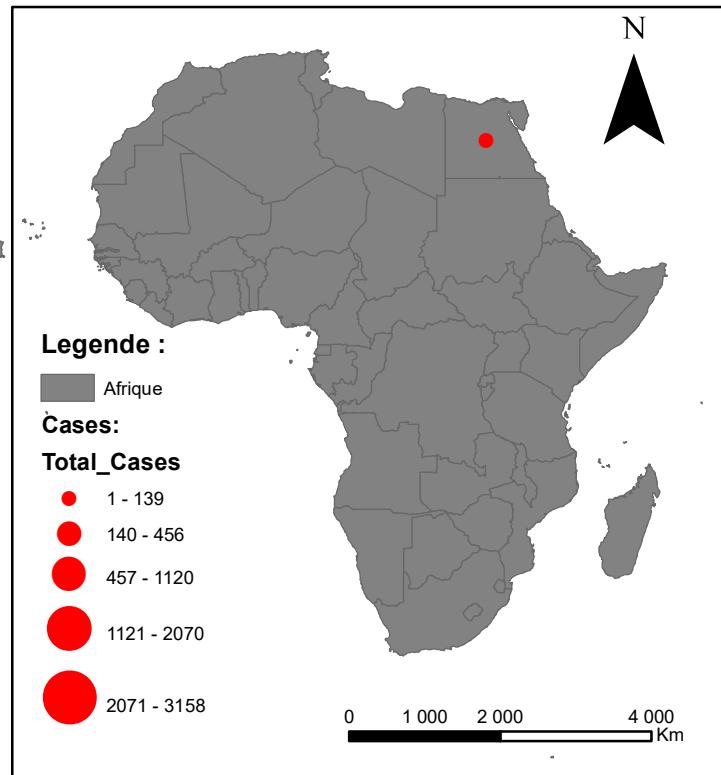


# cartes de l'état d'infection : journalier et cumul: 22/02/20

cas journaliere :0.0cas cumulé :1.0

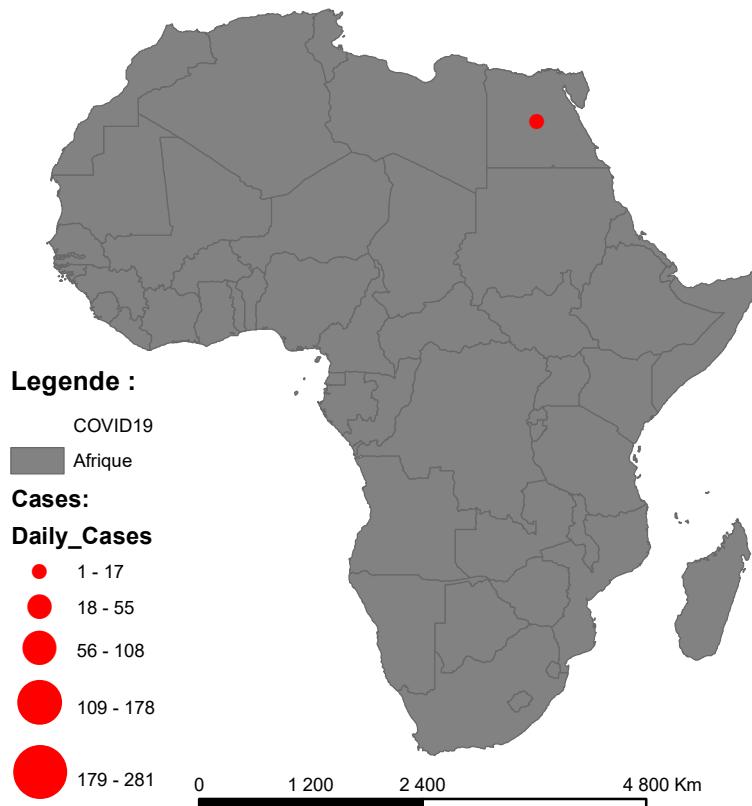


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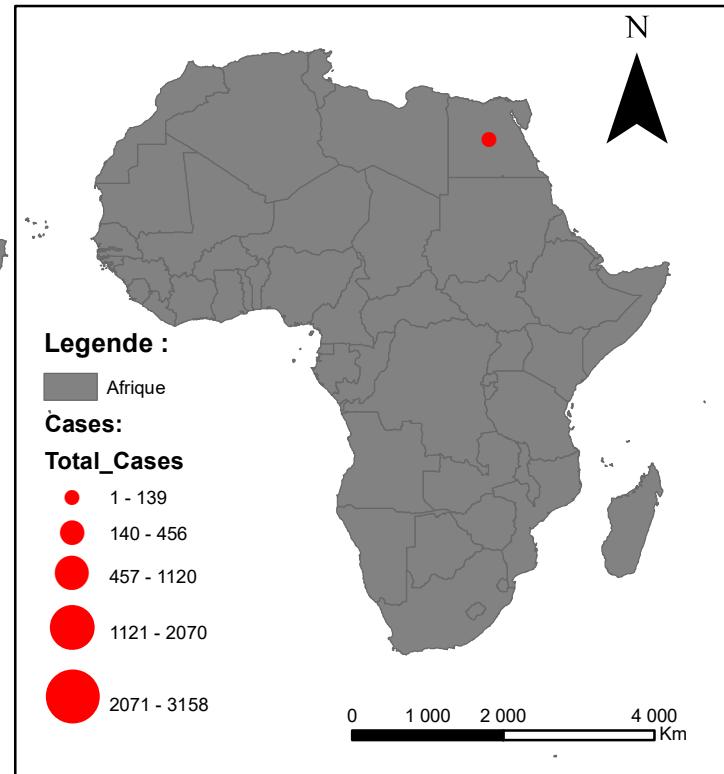


# cartes de l'état d'infection : journalier et cumul: 23/02/20

cas journaliere :0.0cas cumulé :1.0

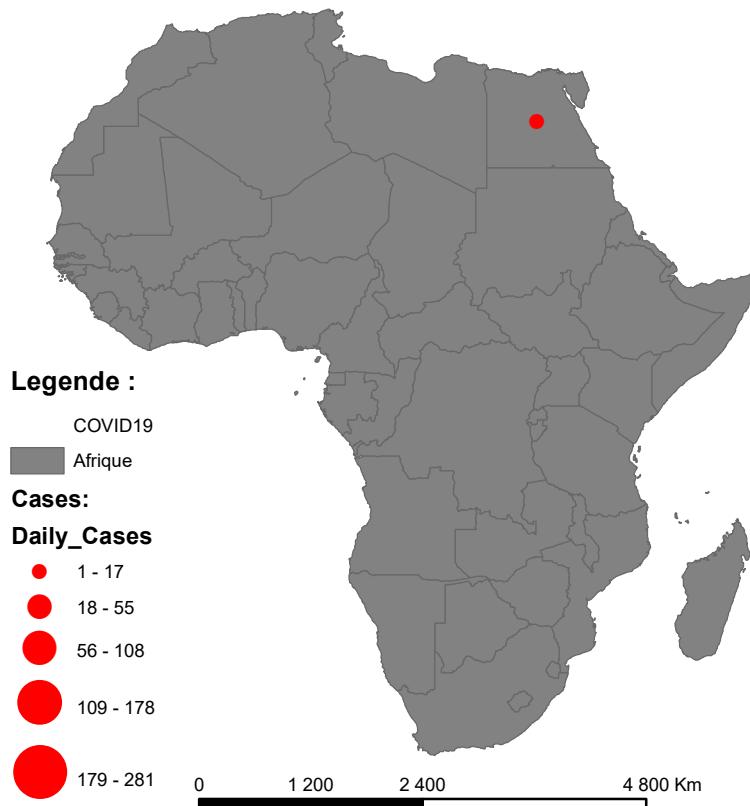


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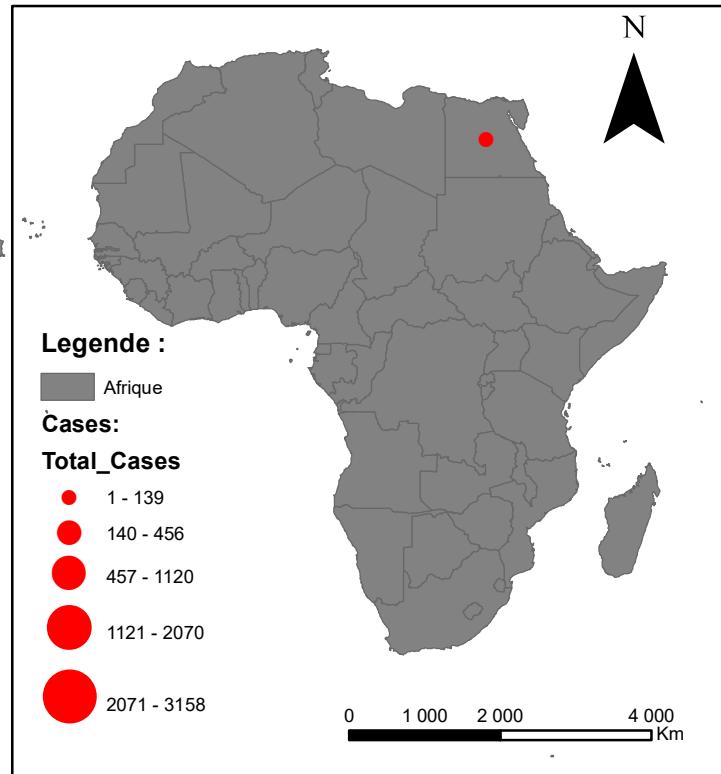


# cartes de l'état d'infection : journalier et cumul: 24/02/20

cas journaliere :0.0cas cumulé :1.0

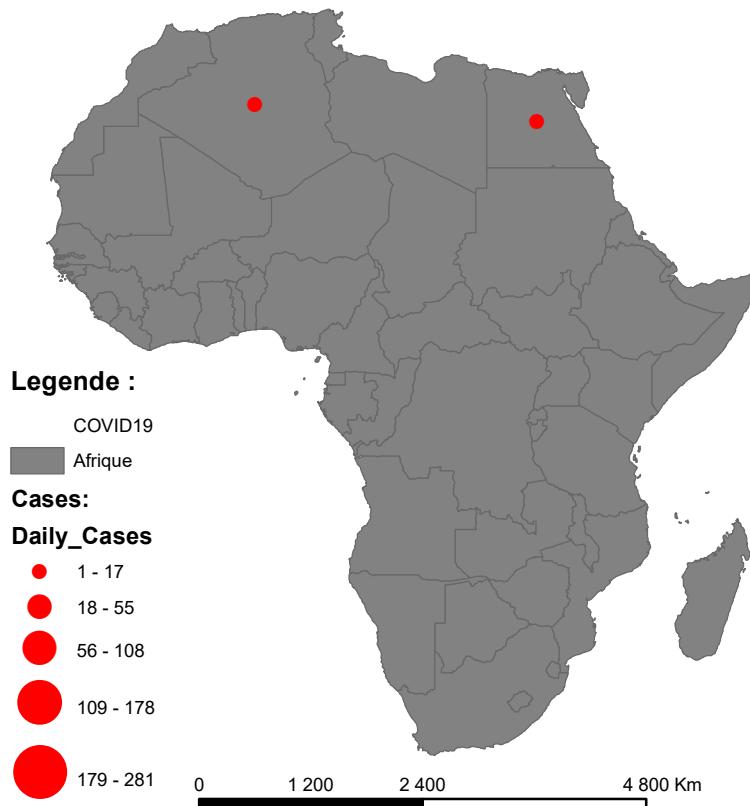


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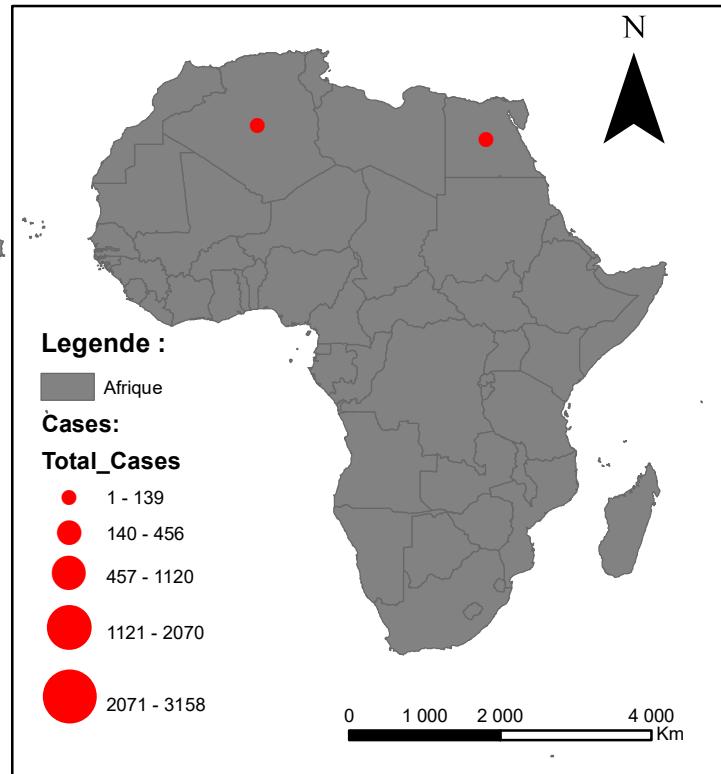


# cartes de l'état d'infection : journalier et cumul: 25/02/20

cas journaliere : 1.0 cas cumulé : 2.0

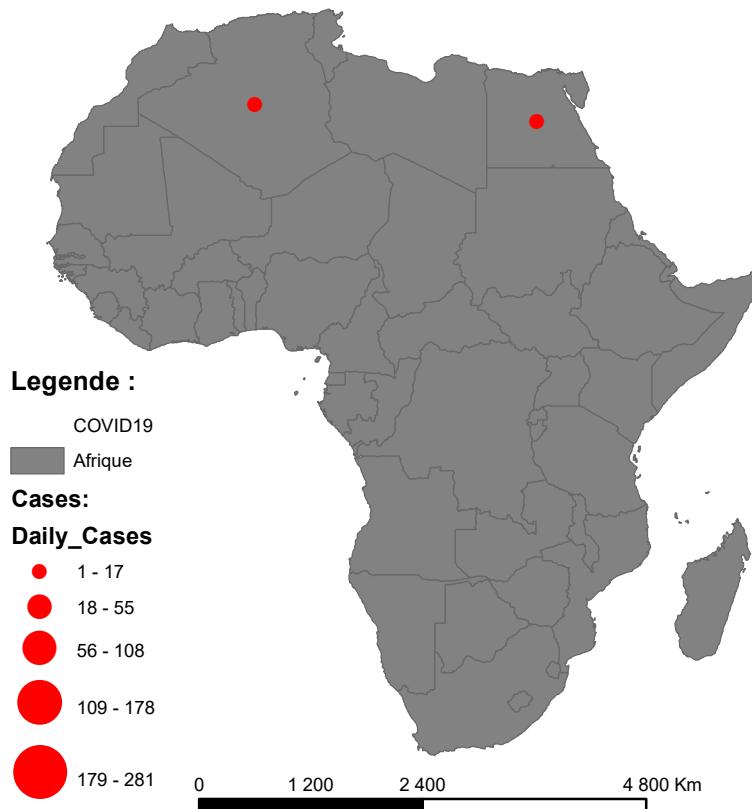


12

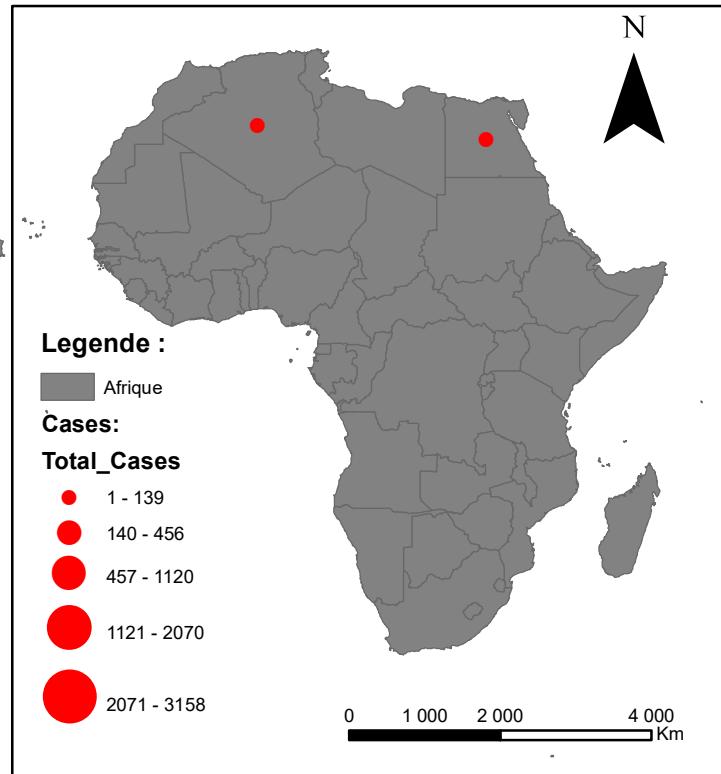


# cartes de l'état d'infection : journalier et cumul: 26/02/20

cas journaliere :0.0cas cumulé :2.0

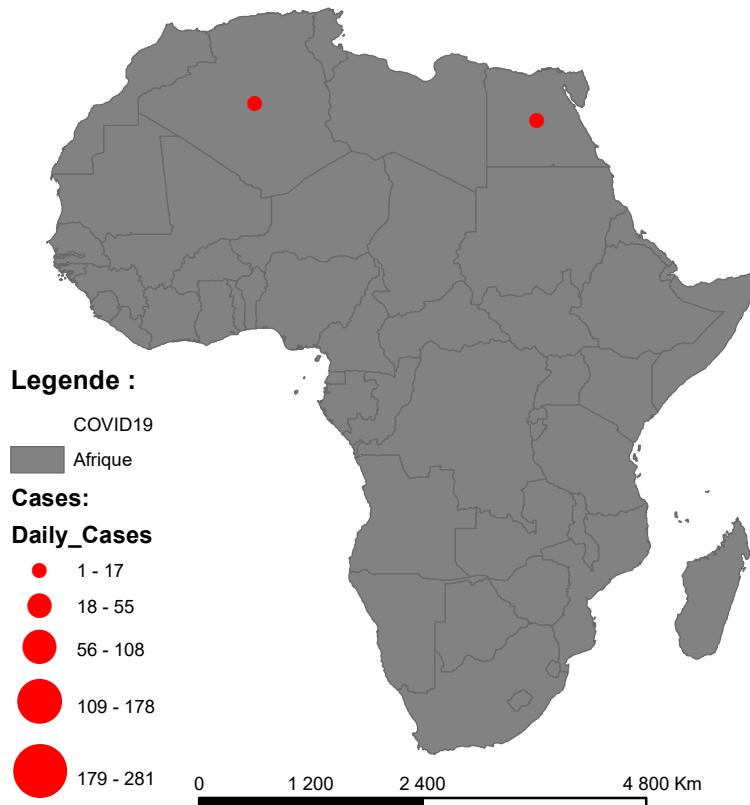


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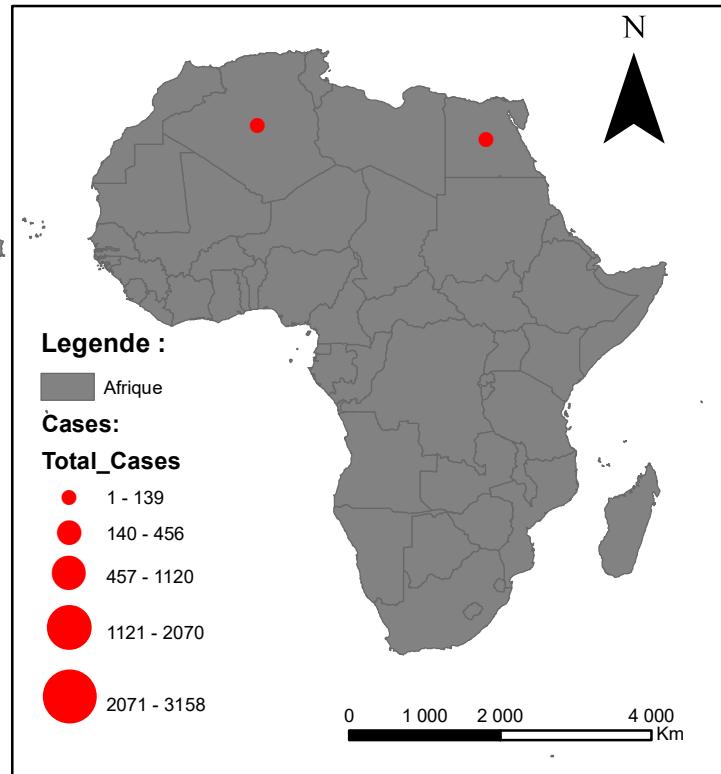


# cartes de l'état d'infection : journalier et cumul: 27/02/20

cas journaliere :0.0cas cumulé :2.0

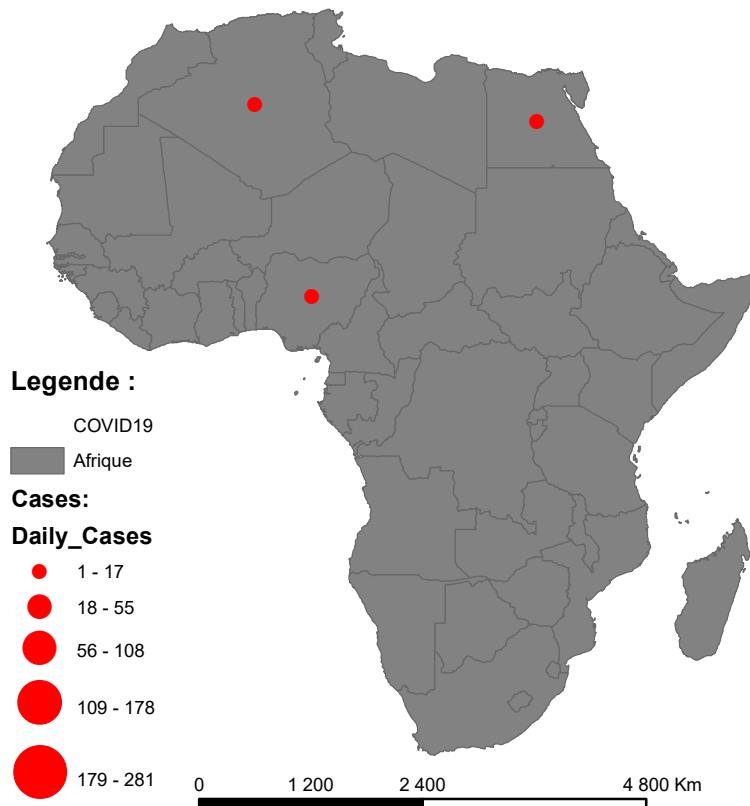


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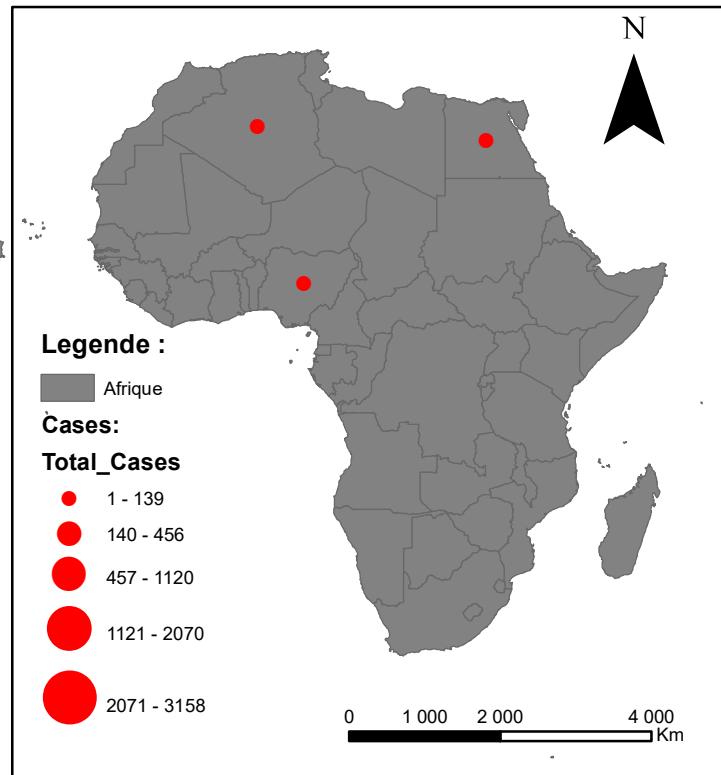


# cartes de l'état d'infection : journalier et cumul: 28/02/20

cas journaliere : 1.0 cas cumulé : 3.0

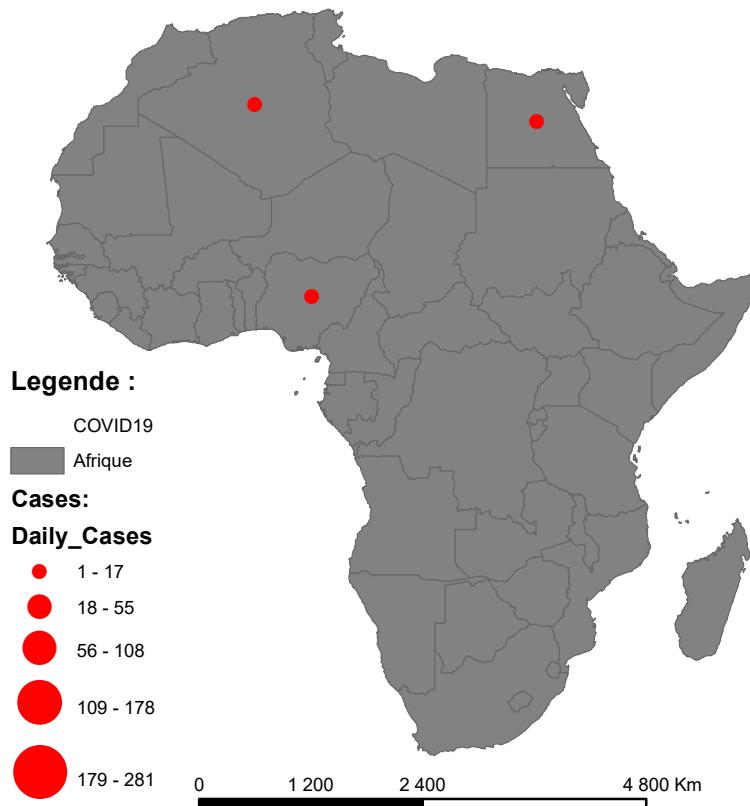


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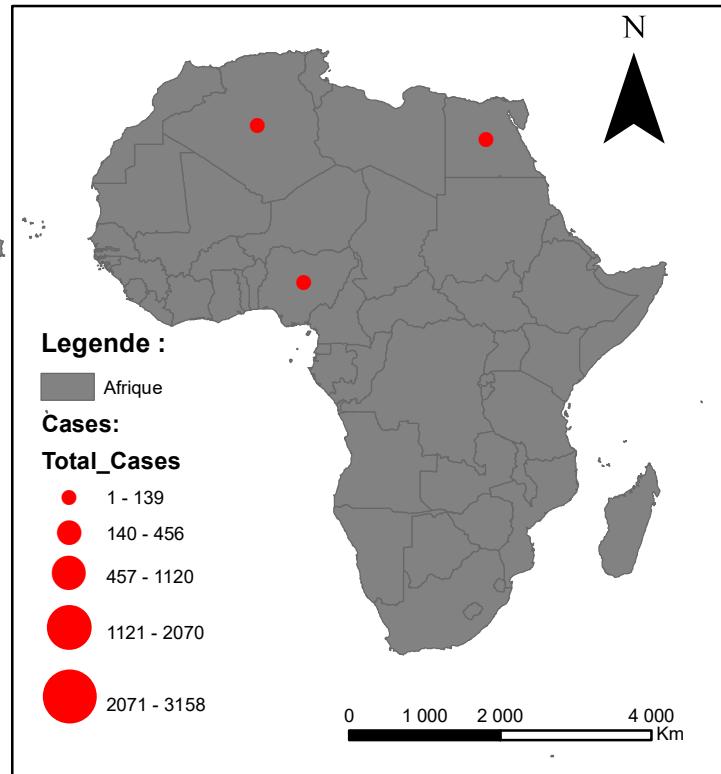


# cartes de l'état d'infection : journalier et cumul: 29/02/20

cas journaliere :0.0cas cumulé :3.0

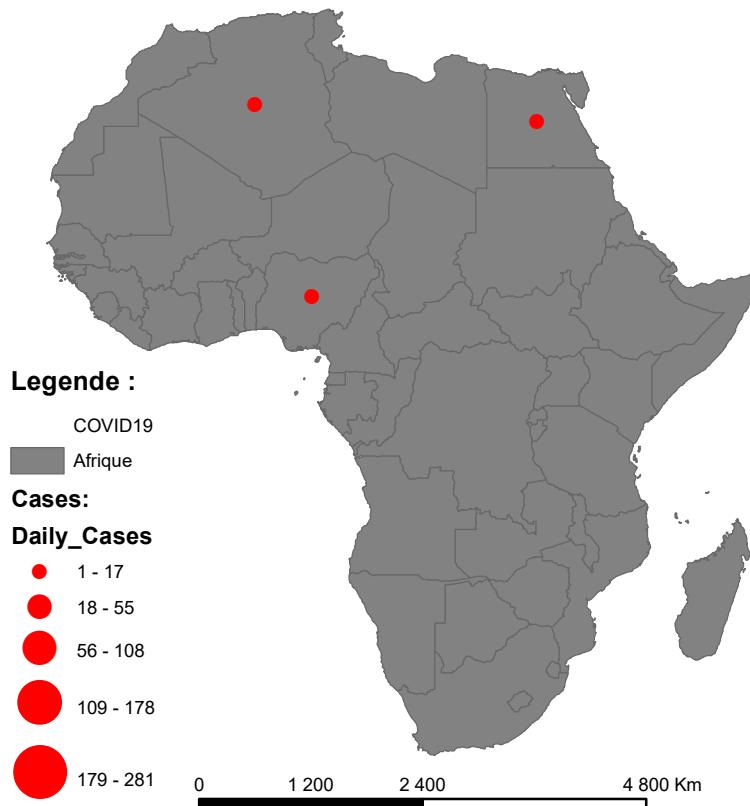


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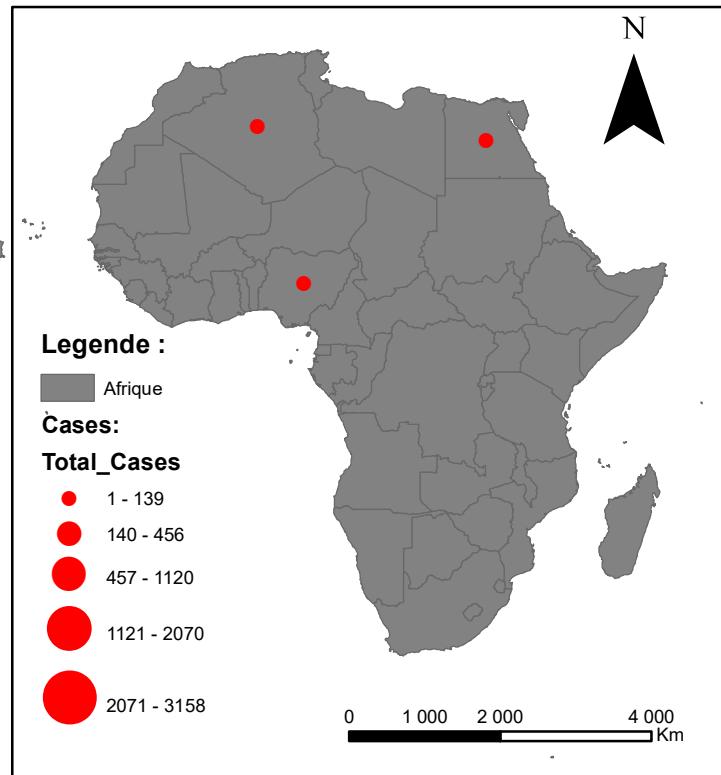


# cartes de l'état d'infection : journalier et cumul: 01/03/20

cas journaliere :1.0cas cumulé :4.0

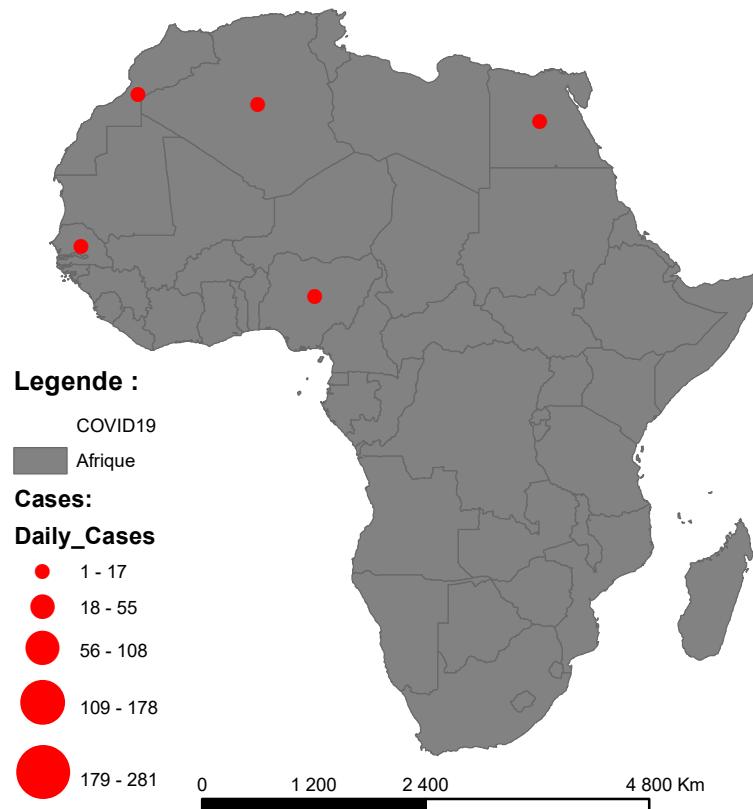


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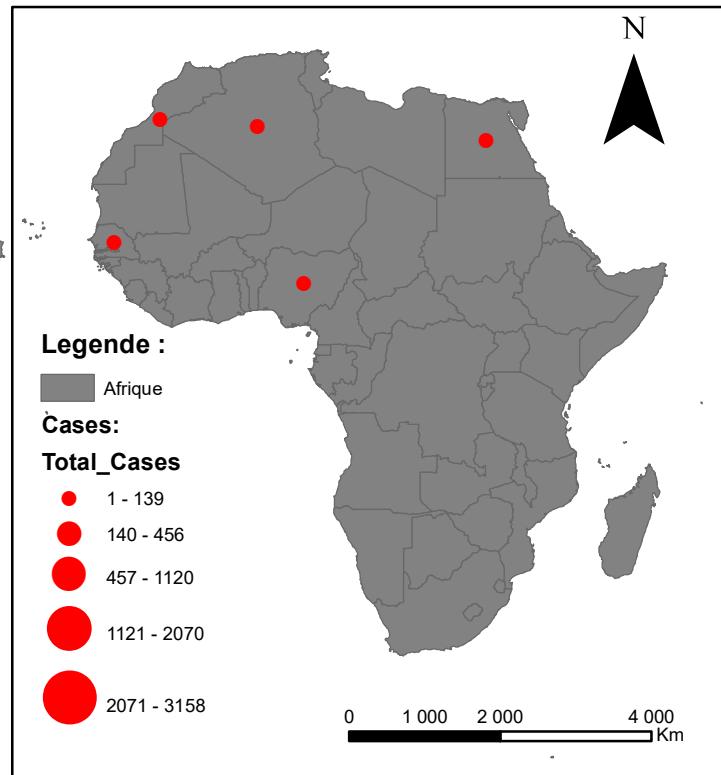


# cartes de l'état d'infection : journalier et cumul: 02/03/20

cas journaliere : 4.0 cas cumulé : 8.0

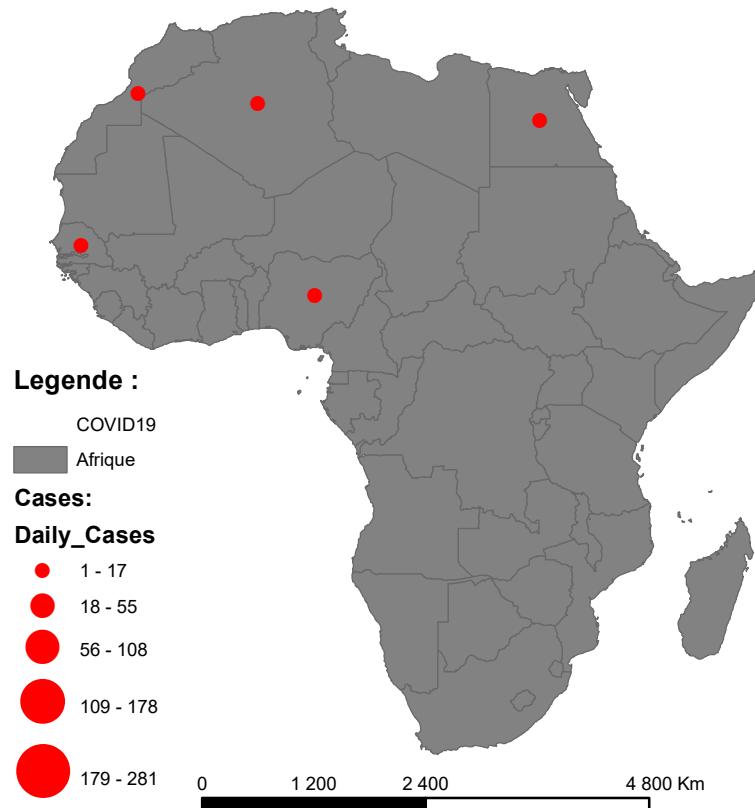


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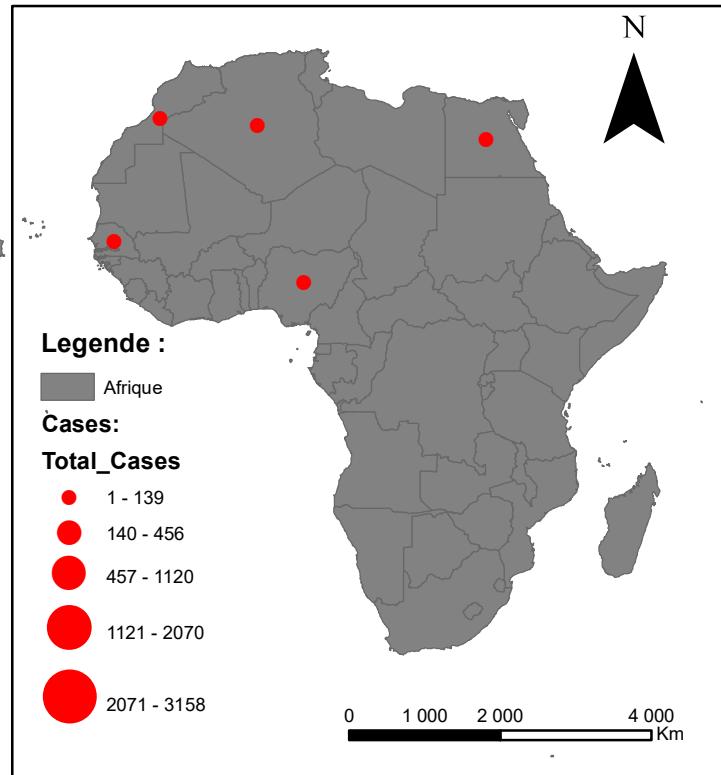


# cartes de l'état d'infection : journalier et cumul: 03/03/20

cas journaliere :3.0 cas cumulé :11.0

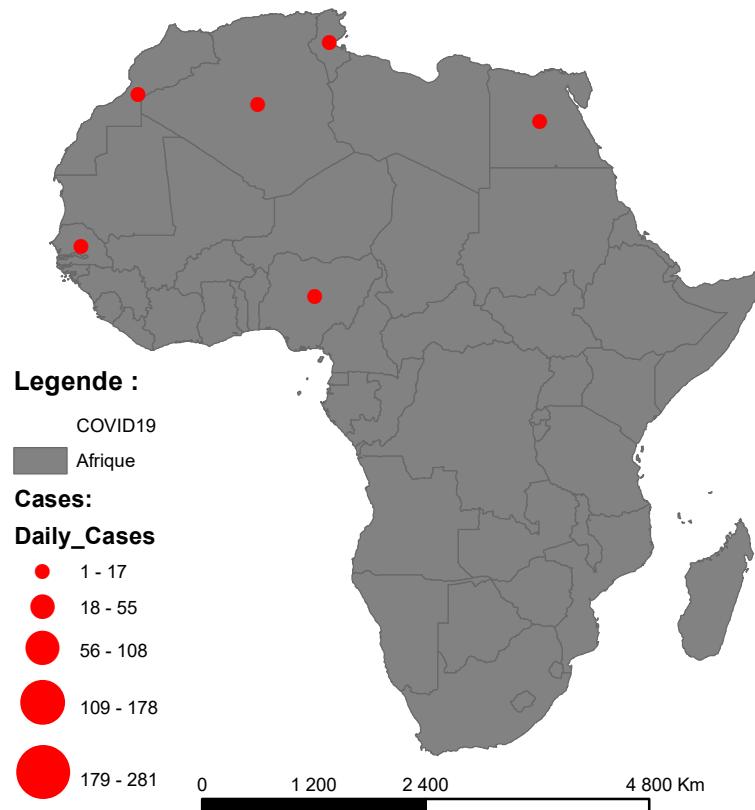


19

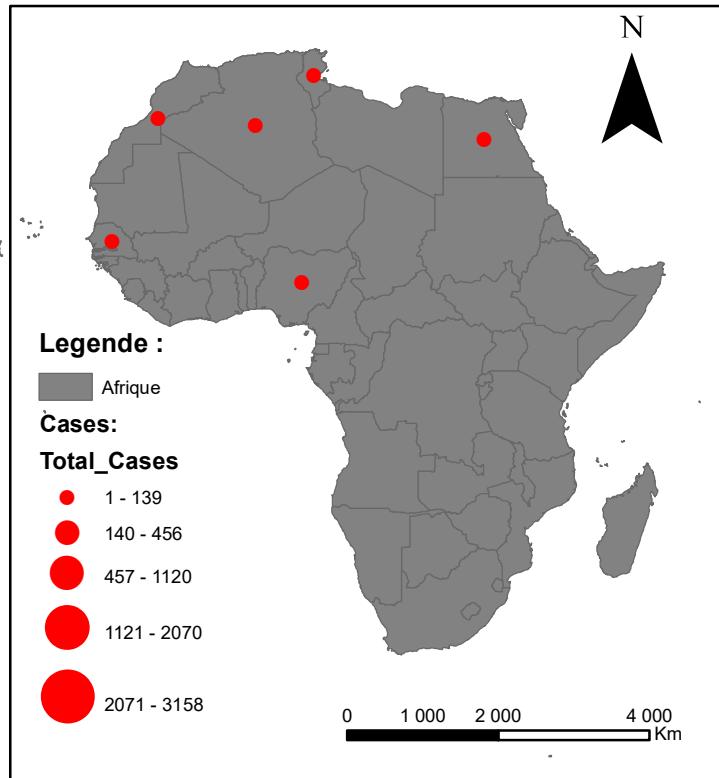


# cartes de l'état d'infection : journalier et cumul: 04/03/20

cas journaliere :10.0cas cumulé :21.0

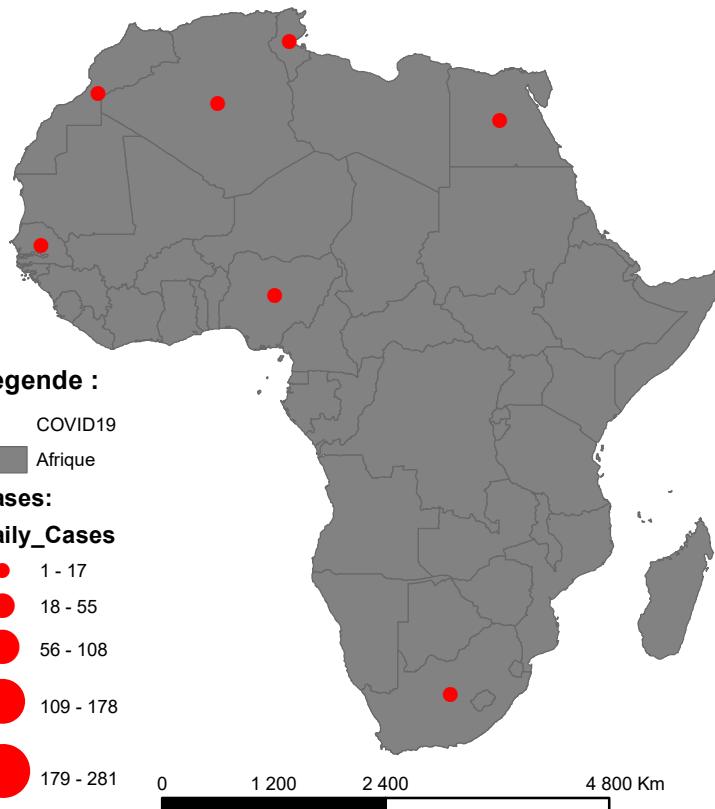


20



# cartes de l'état d'infection : journalier et cumul: 05/03/20

cas journaliere :3.0 cas cumulé :24.0



Legende :

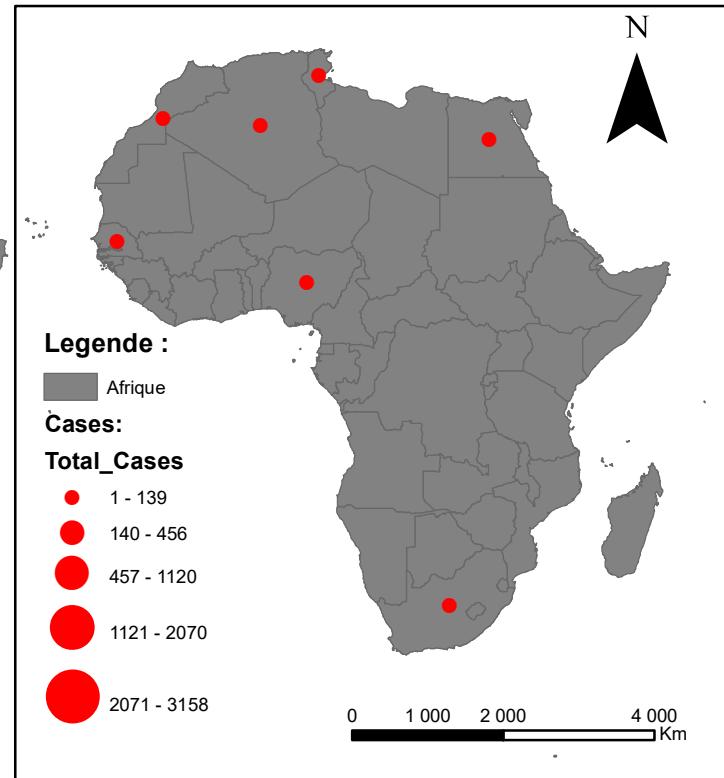
COVID19

Afrique

Cases:

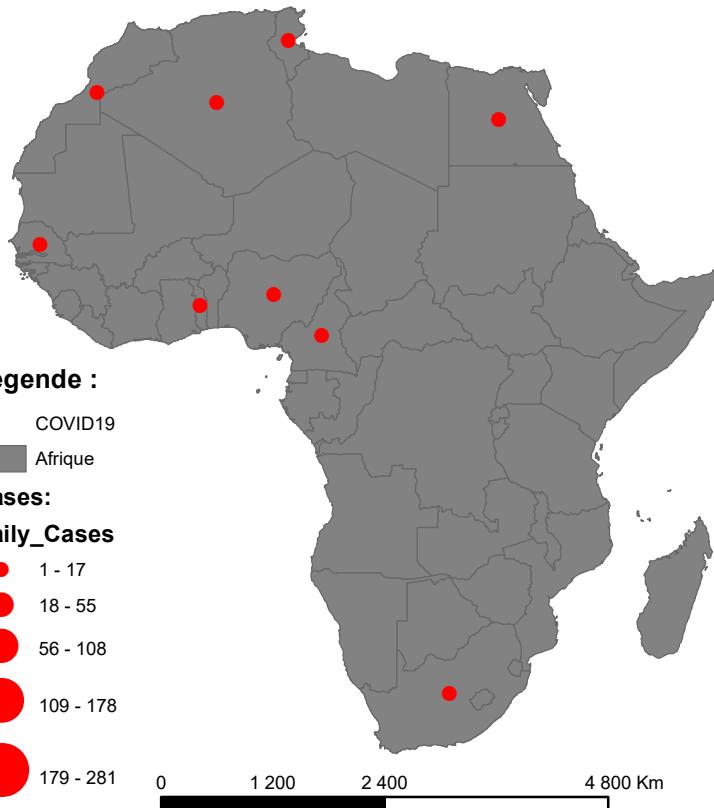
Daily\_Cases

- 1 - 17
- 18 - 55
- 56 - 108
- 109 - 178
- 179 - 281



# cartes de l'état d'infection : journalier et cumul: 06/03/20

cas journaliere :19.0cas cumulé :43.0



Legende :

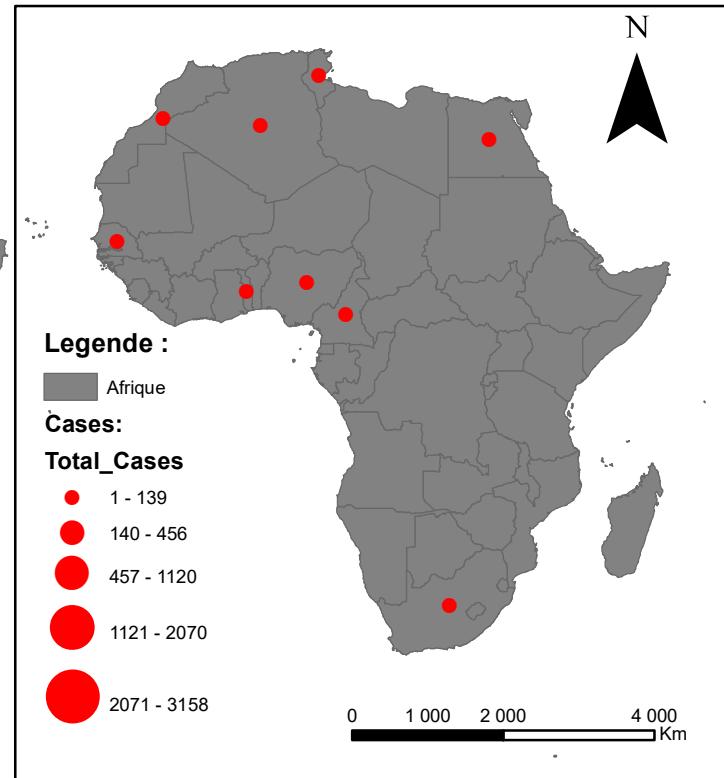
COVID19

Afrique

Cases:

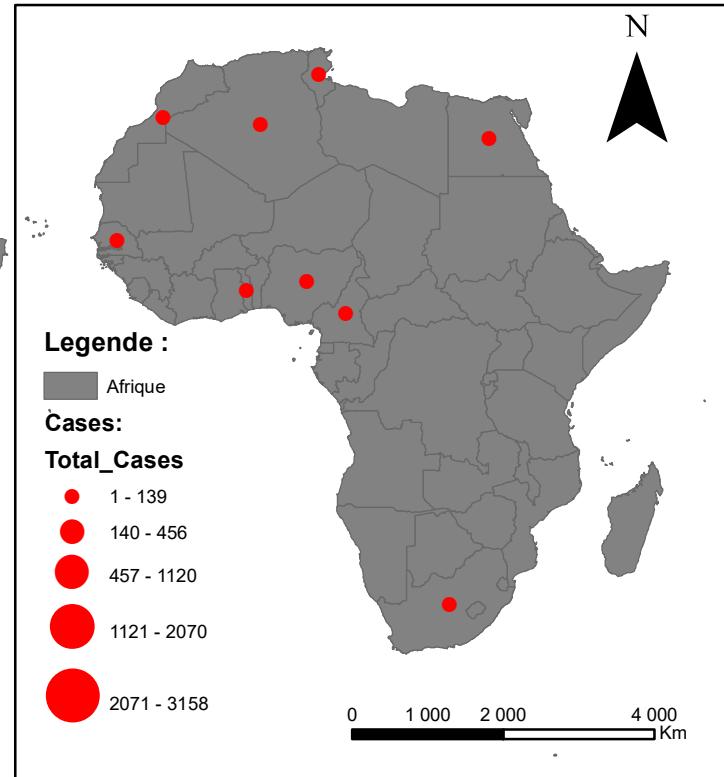
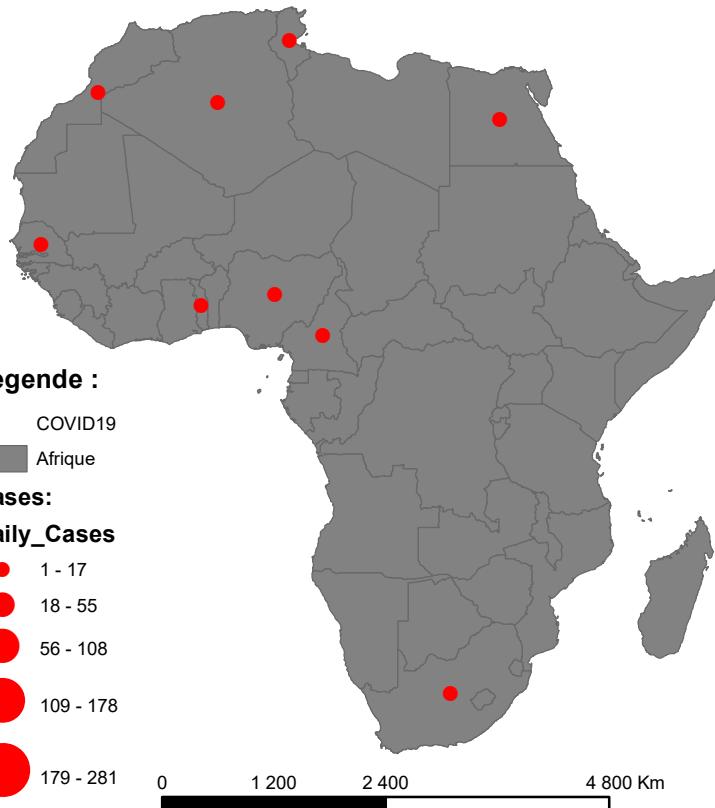
Daily\_Cases

- 1 - 17
- 18 - 55
- 56 - 108
- 109 - 178
- 179 - 281



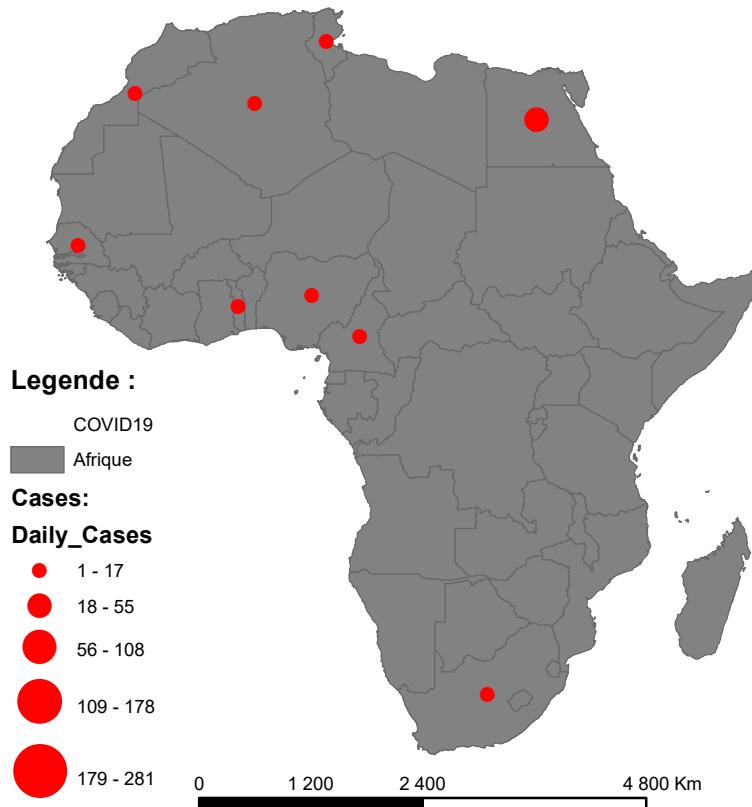
# cartes de l'état d'infection : journalier et cumul: 07/03/20

cas journaliere :0.0 cas cumulé :43.0

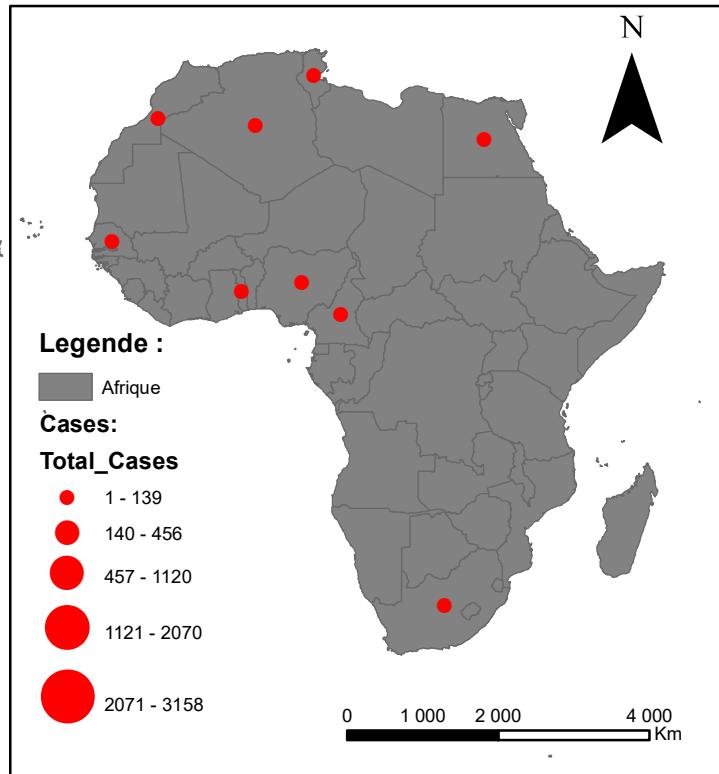


# cartes de l'état d'infection : journalier et cumul: 08/03/20

cas journaliere :40.0 cas cumulé :83.0

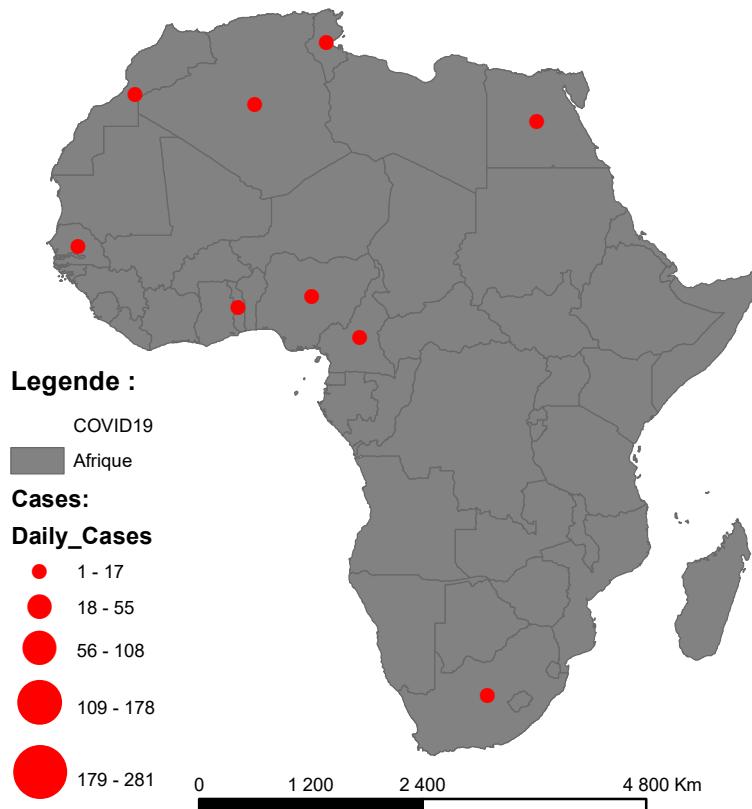


24

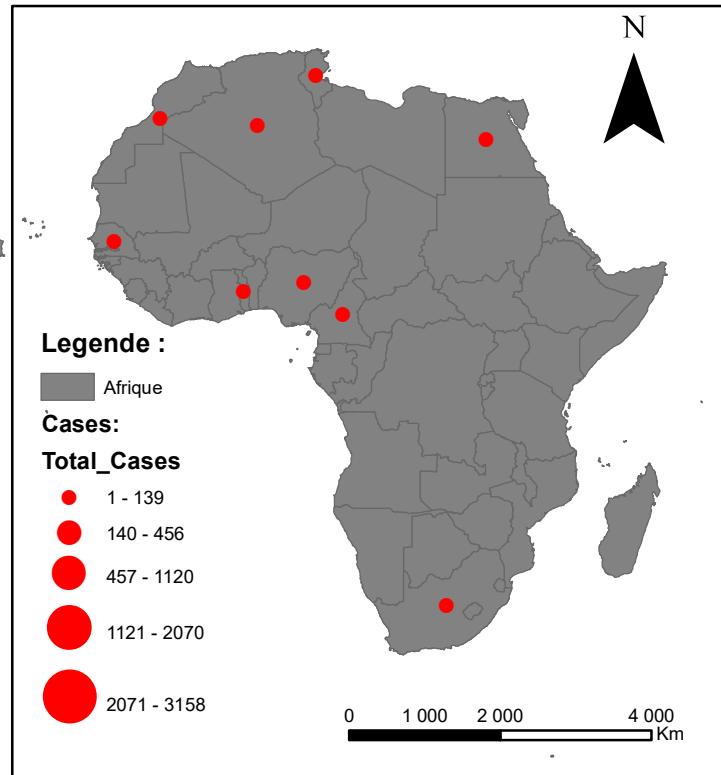


# cartes de l'état d'infection : journalier et cumul: 09/03/20

cas journaliere :8.0 cas cumulé :91.0

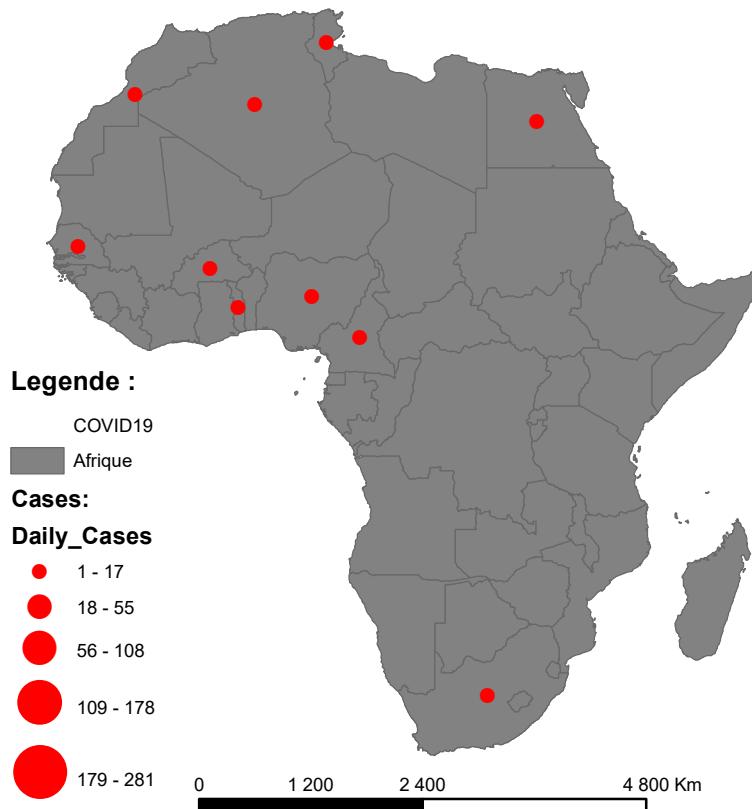


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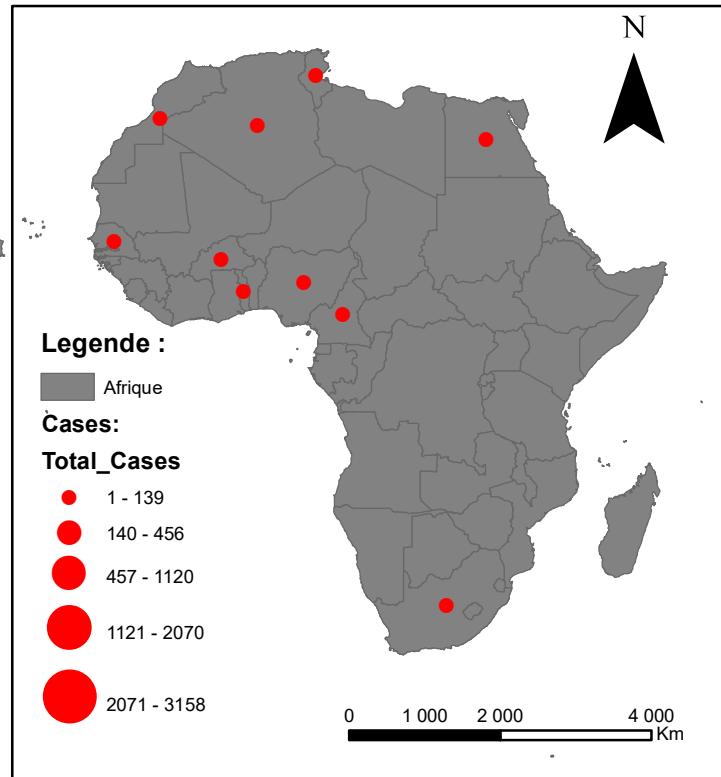


# cartes de l'état d'infection : journalier et cumul: 10/03/20

cas journaliere :13.0 cas cumulé :104.0

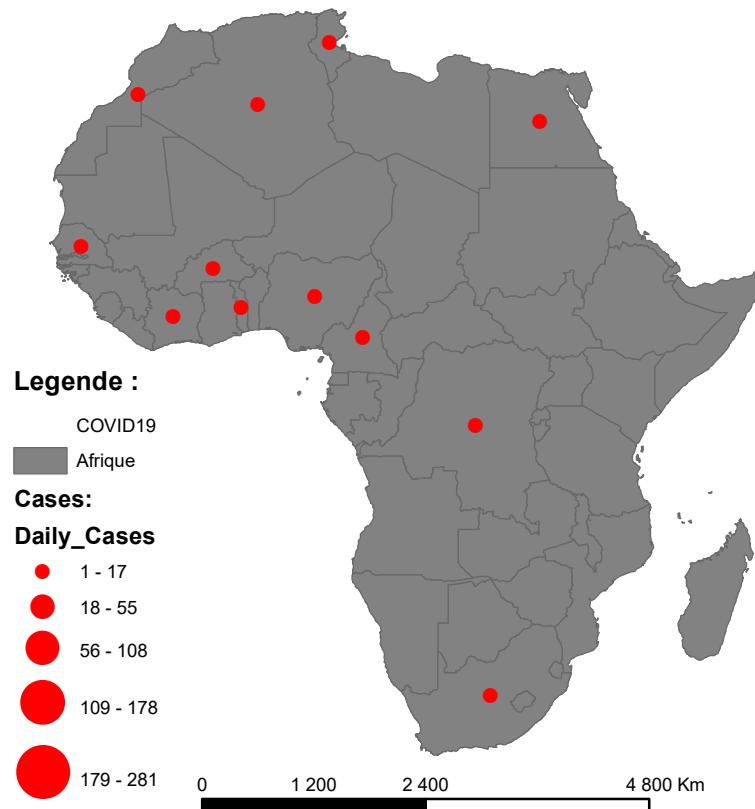


26

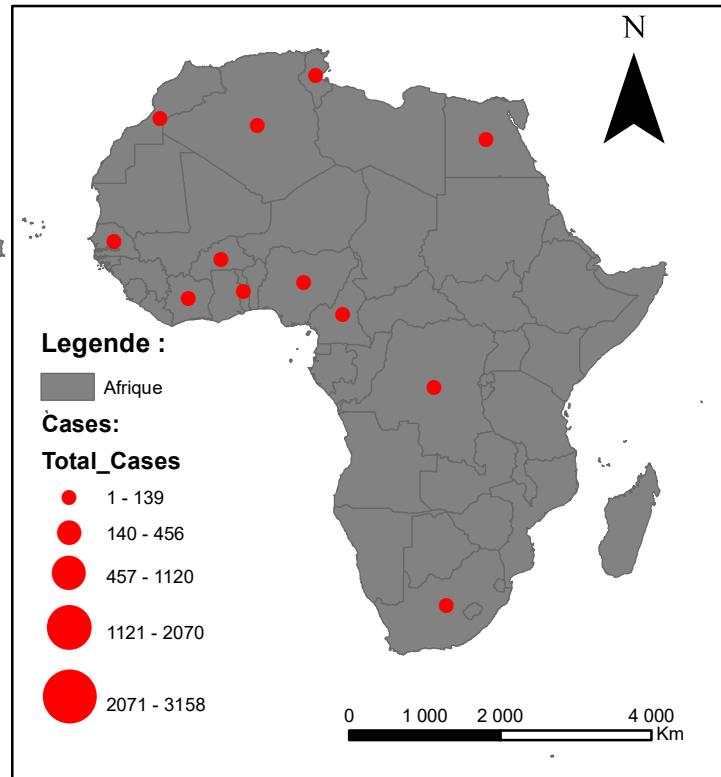


# cartes de l'état d'infection : journalier et cumul: 11/03/20

cas journaliere :14.0 cas cumulé :118.0

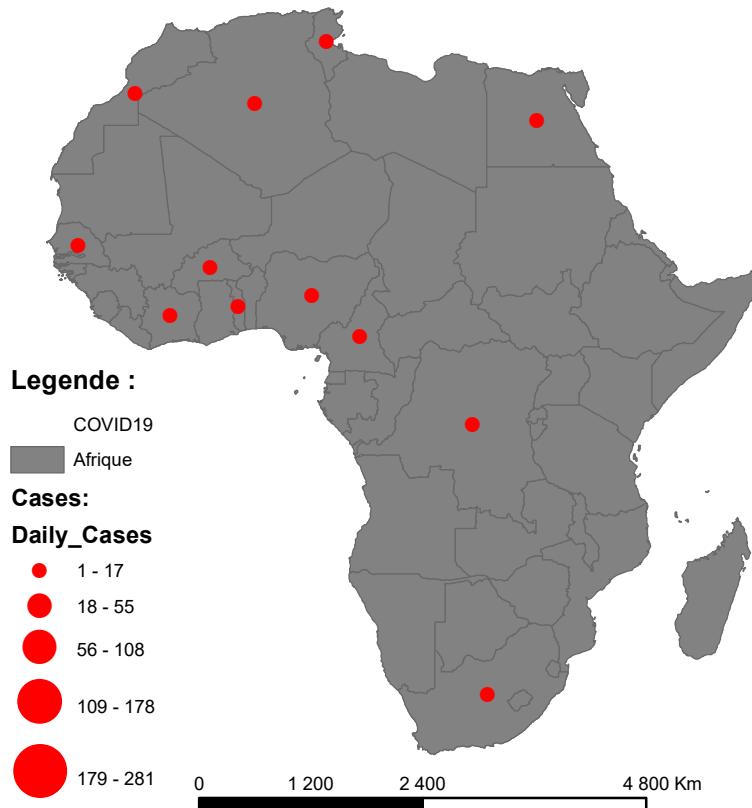


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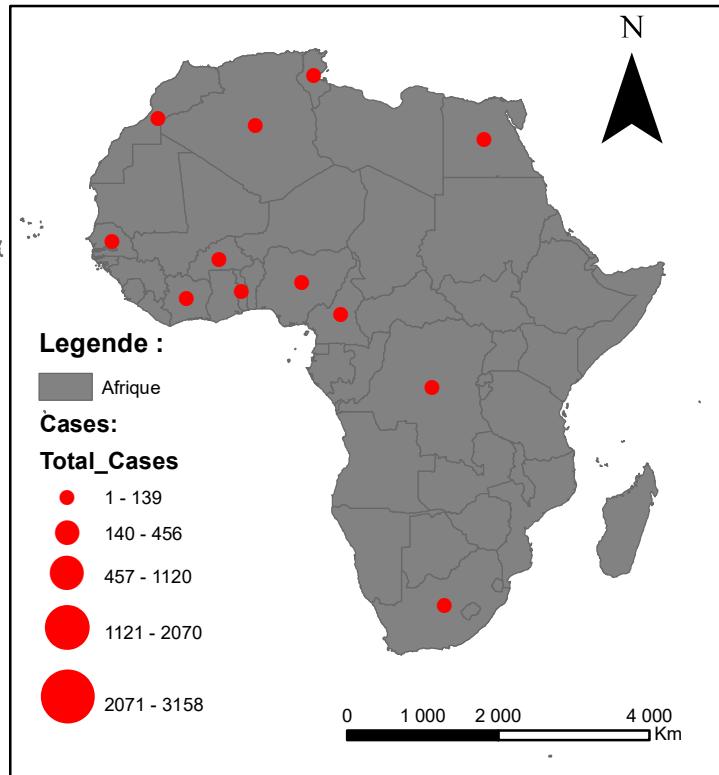


# cartes de l'état d'infection : journalier et cumul: 12/03/20

cas journaliere :16.0 cas cumulé :134.0

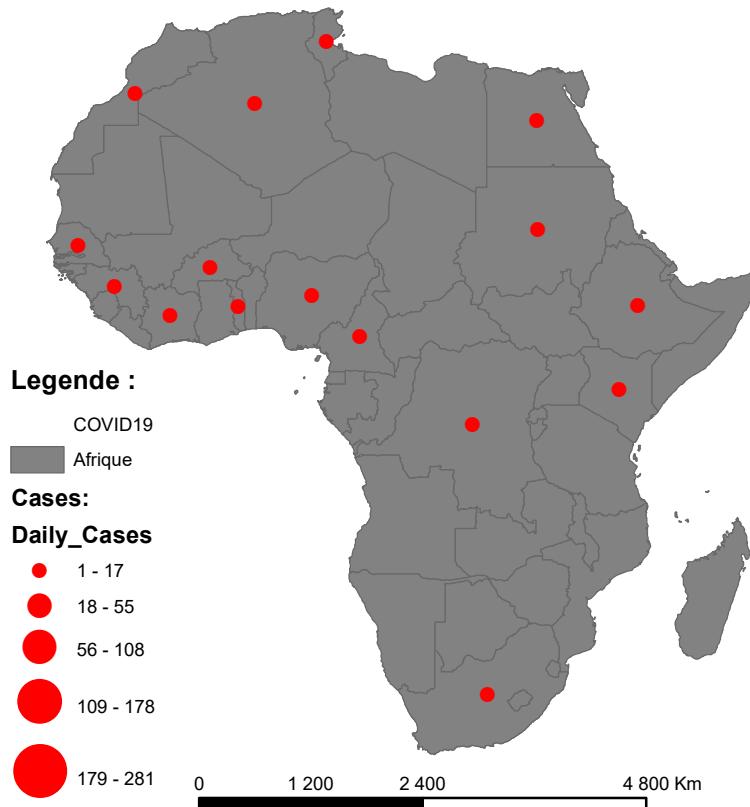


28

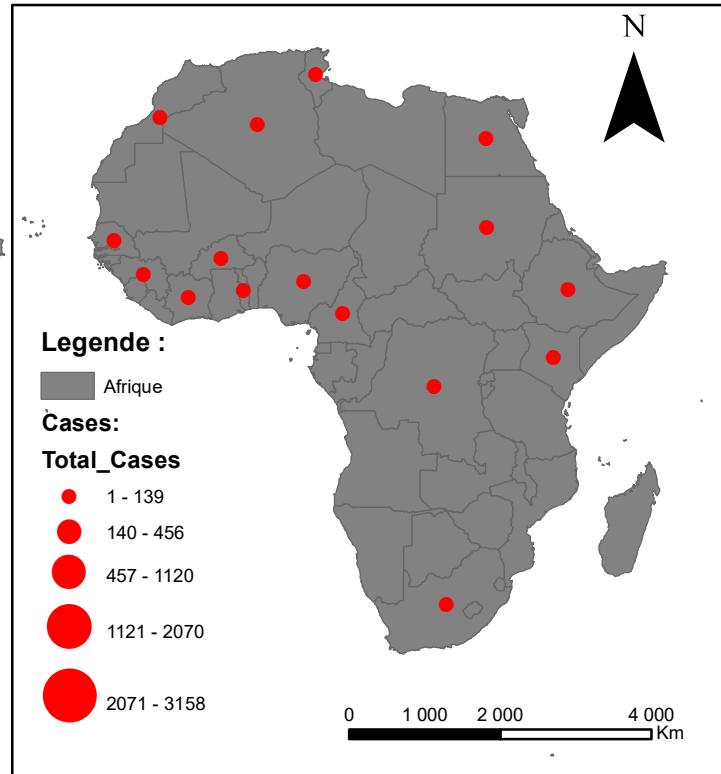


# cartes de l'état d'infection : journalier et cumul: 13/03/20

cas journaliere :43.0 cas cumulé :177.0

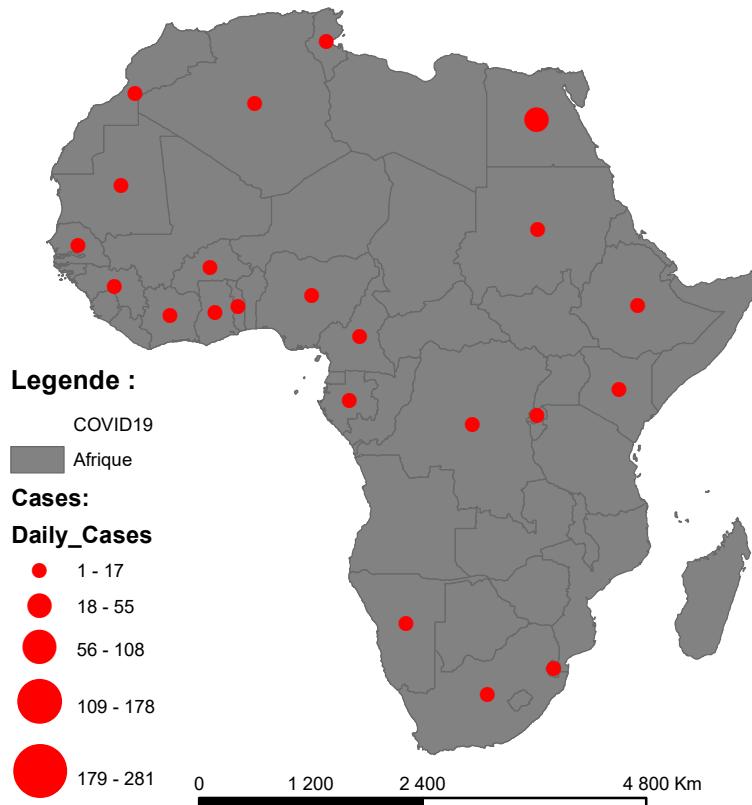


29

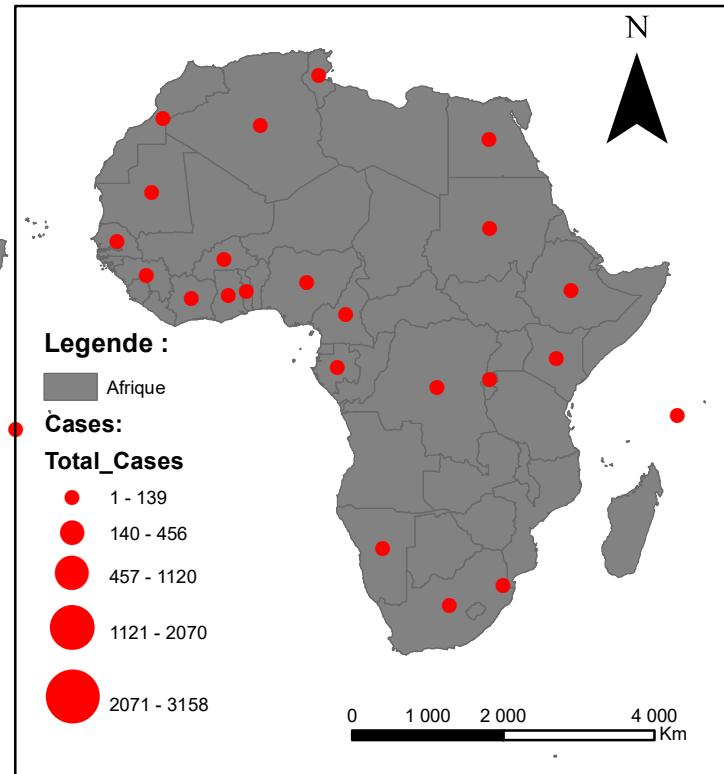


# cartes de l'état d'infection : journalier et cumul: 14/03/20

cas journaliere :77.0 cas cumulé :254.0

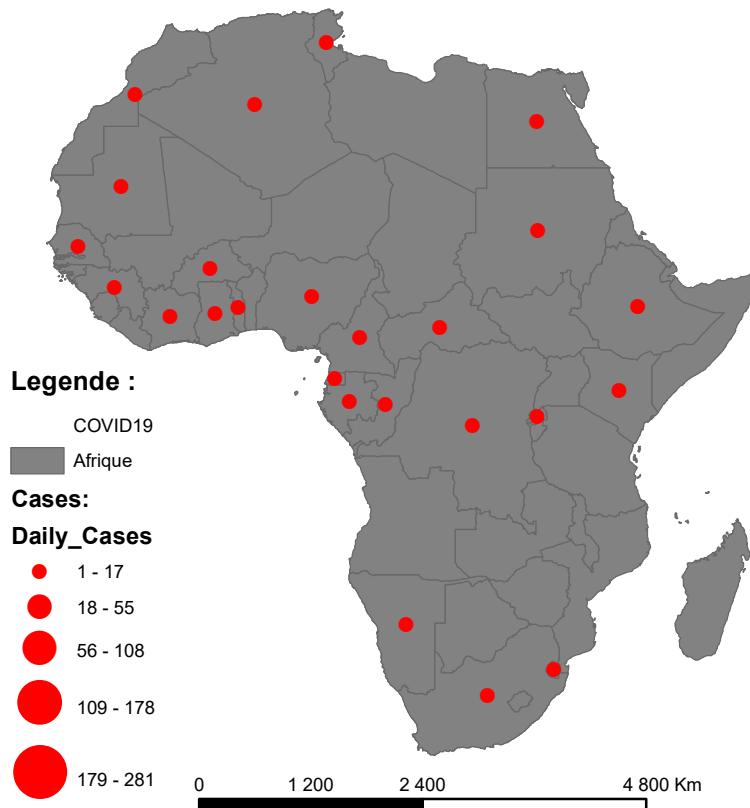


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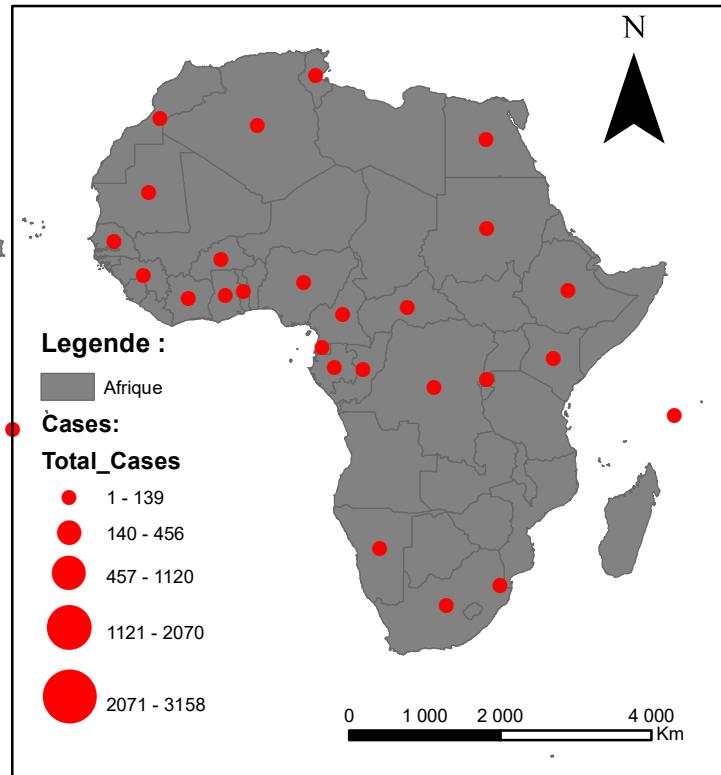


# cartes de l'état d'infection : journalier et cumul: 15/03/20

cas journaliere :59.0 cas cumulé :313.0

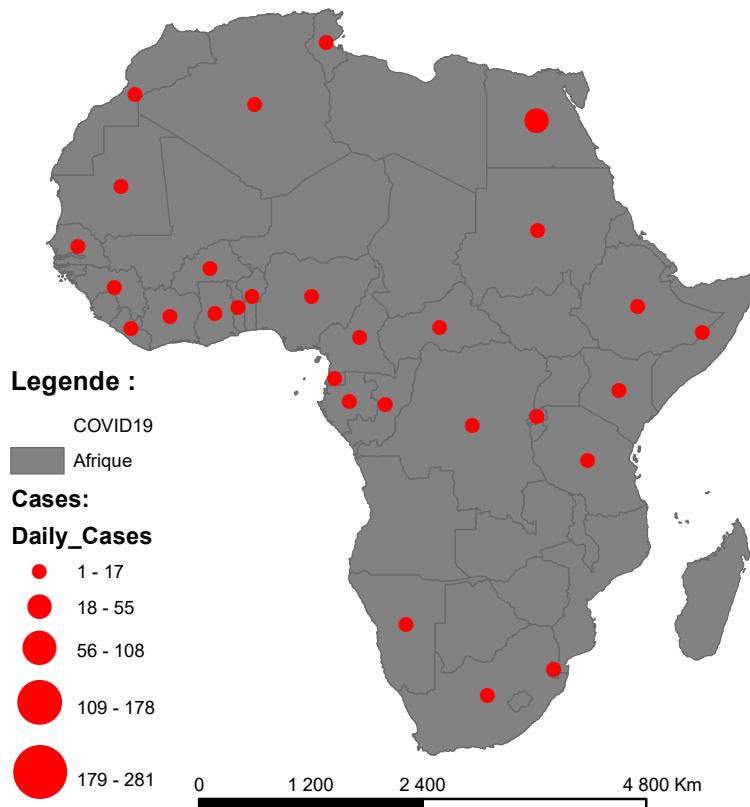


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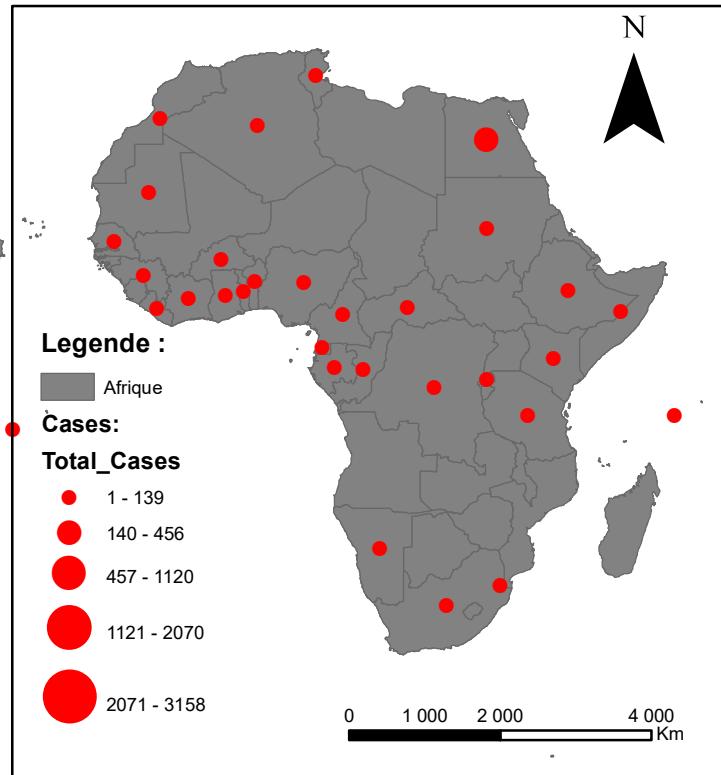


# cartes de l'état d'infection : journalier et cumul: 16/03/20

cas journaliere :87.0 cas cumulé :400.0

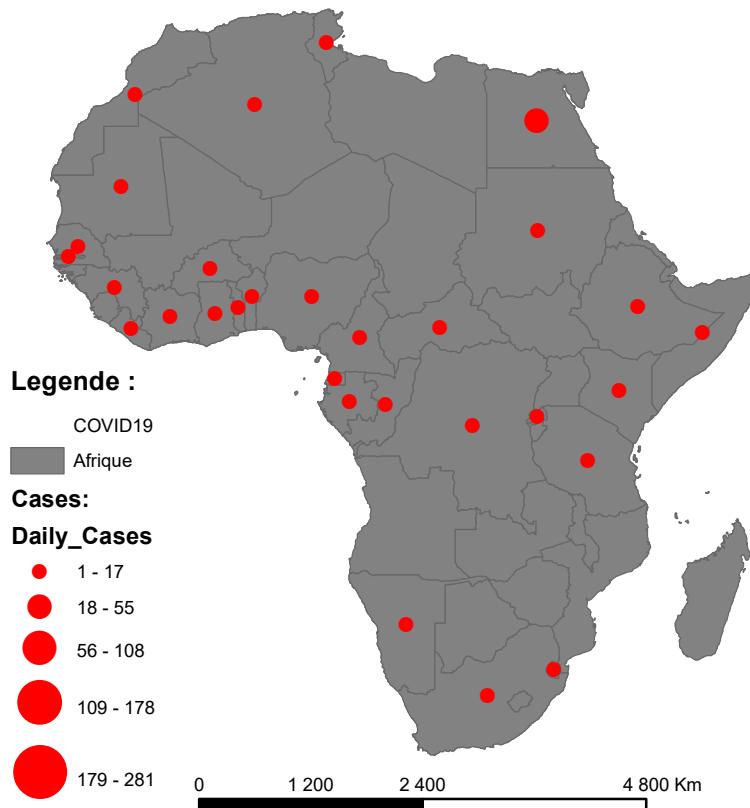


32

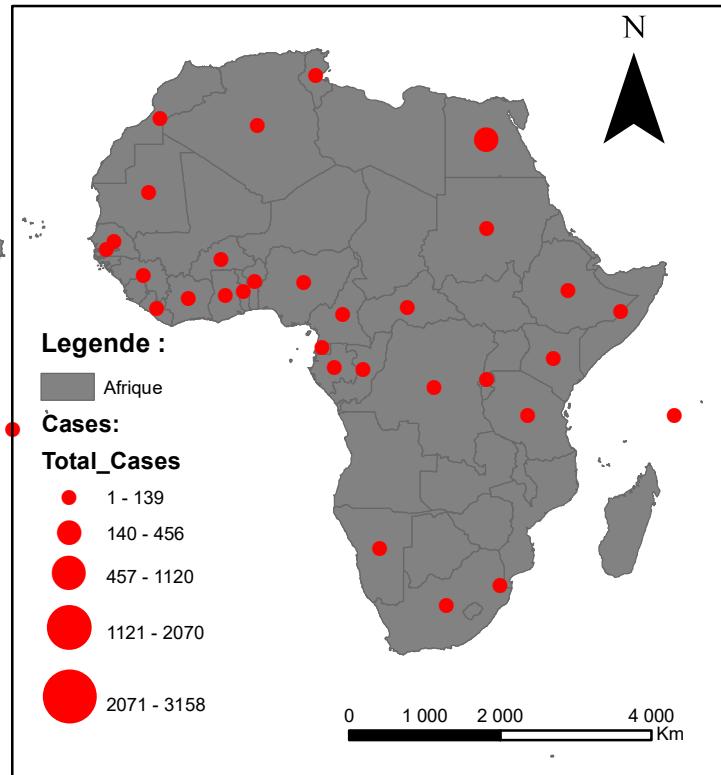


# cartes de l'état d'infection : journalier et cumul: 17/03/20

cas journaliere :84.0 cas cumulé :484.0

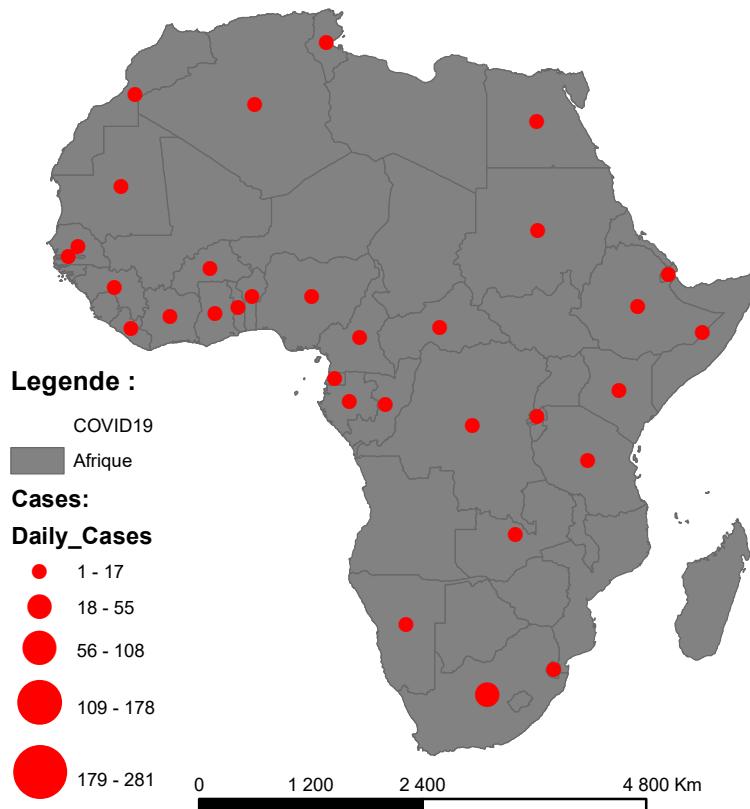


33

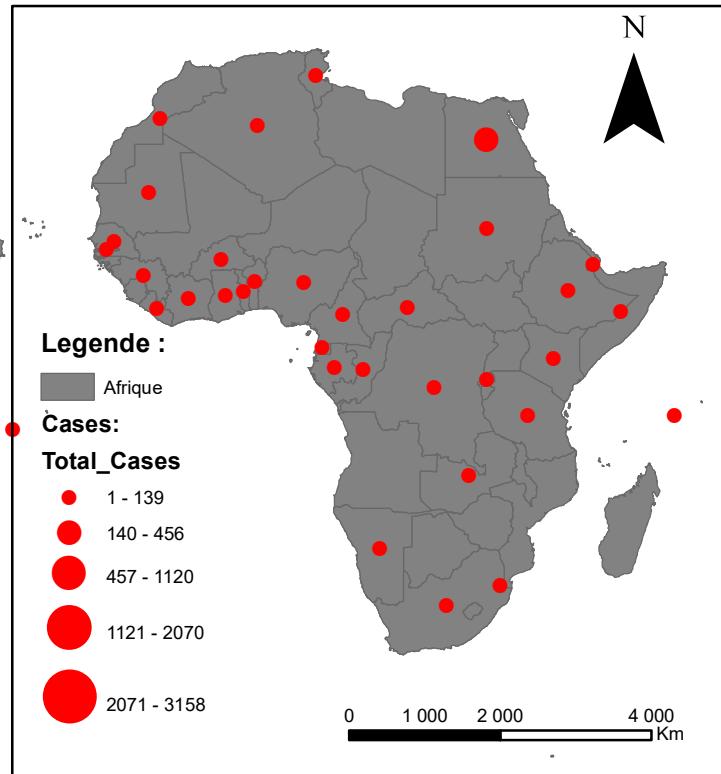


# cartes de l'état d'infection : journalier et cumul: 18/03/20

cas journaliere :114.0 cas cumulé :598.0

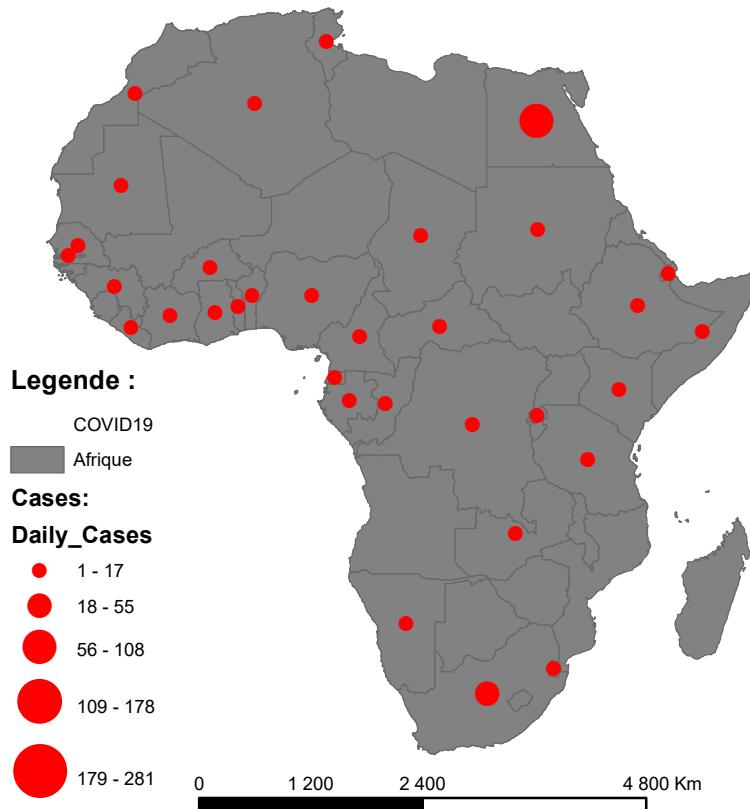


34

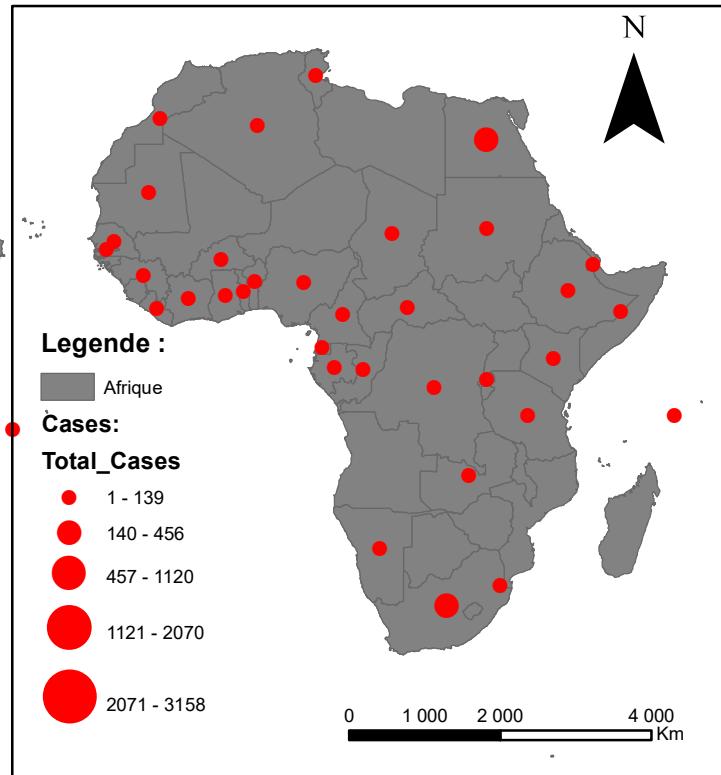


# cartes de l'état d'infection : journalier et cumul: 19/03/20

cas journaliere :180.0cas cumulé :778.0

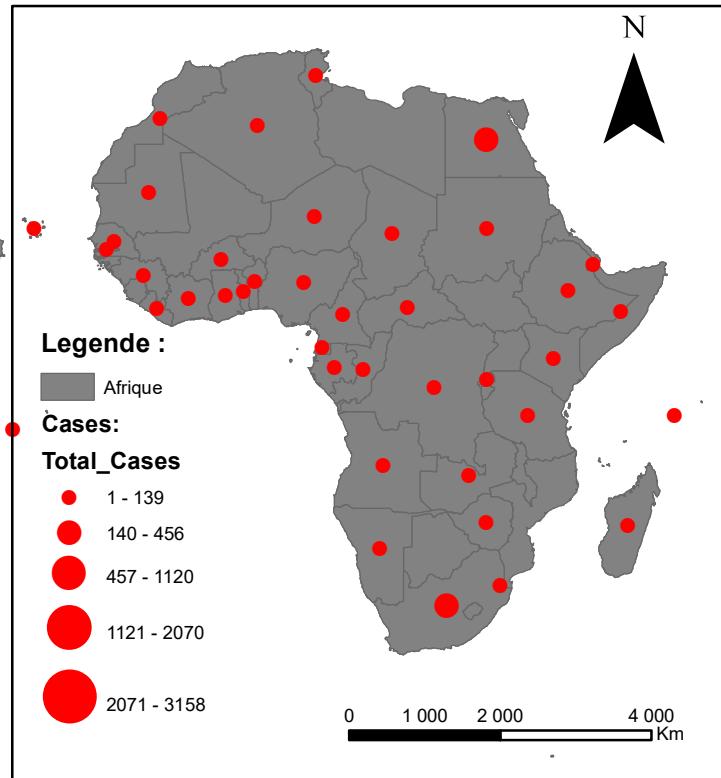
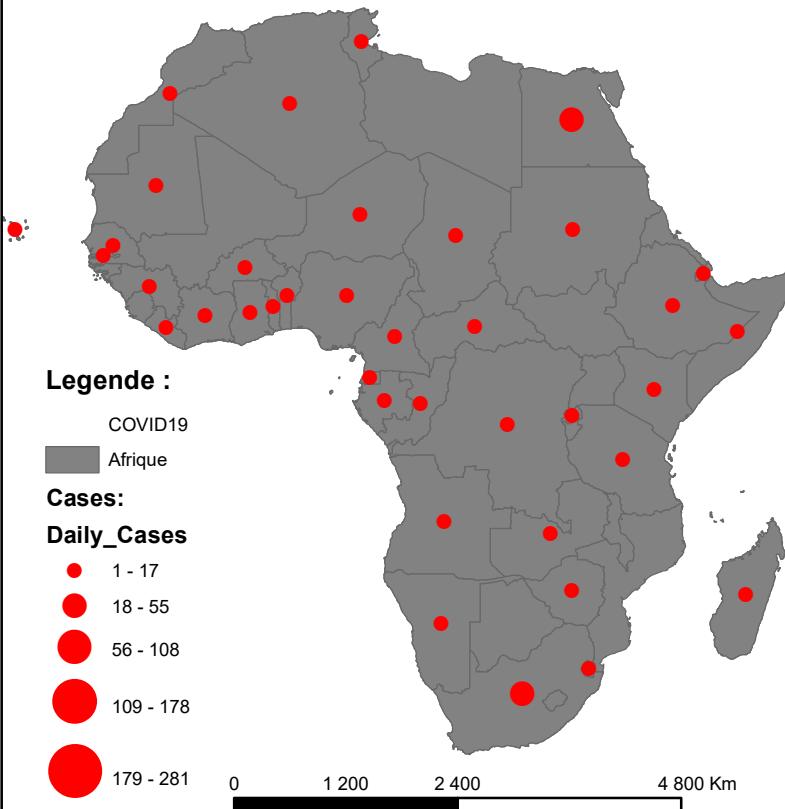


35



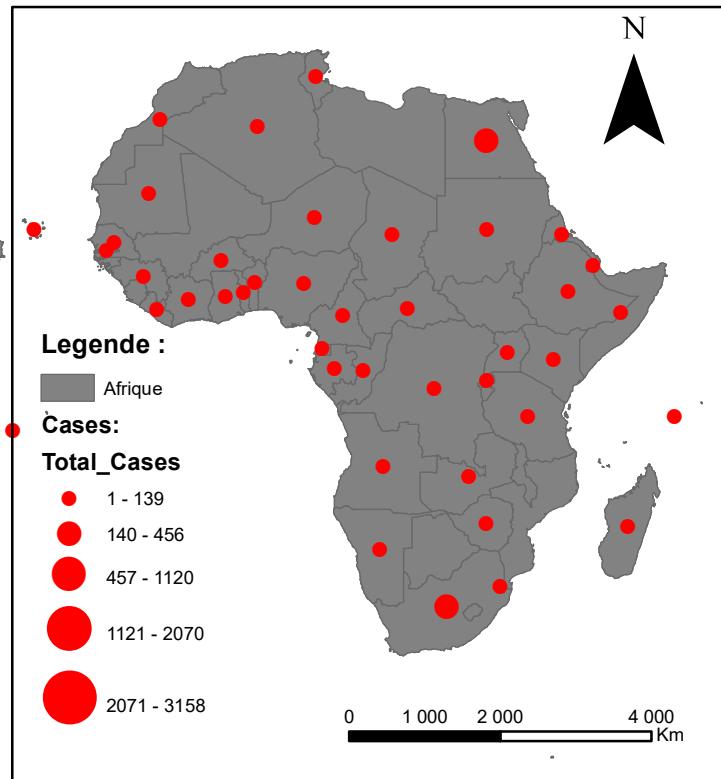
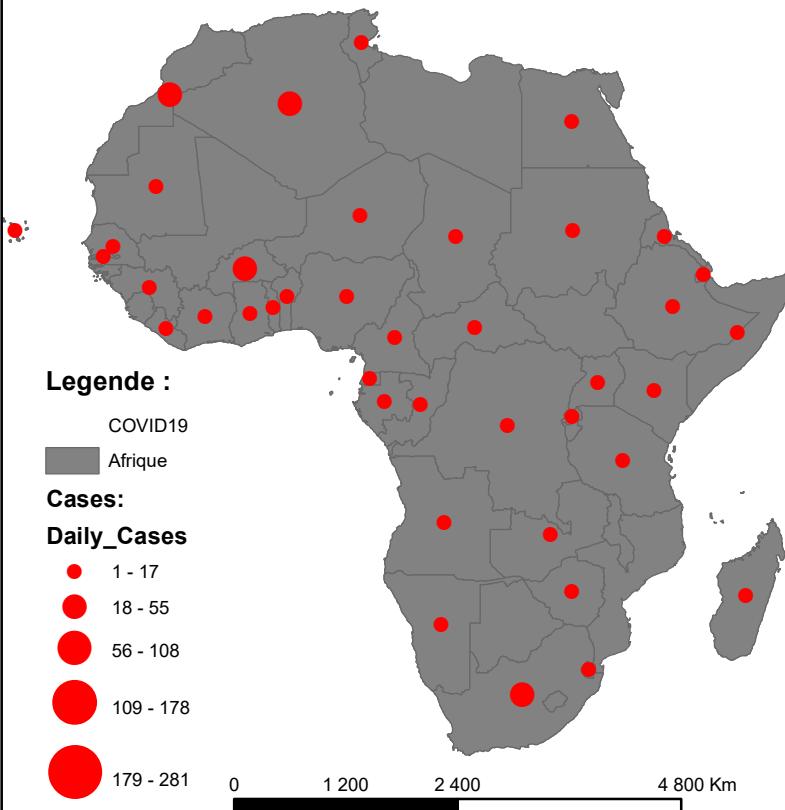
# cartes de l'état d'infection : journalier et cumul: 20/03/20

cas journaliere :179.0cas cumulé :957.0



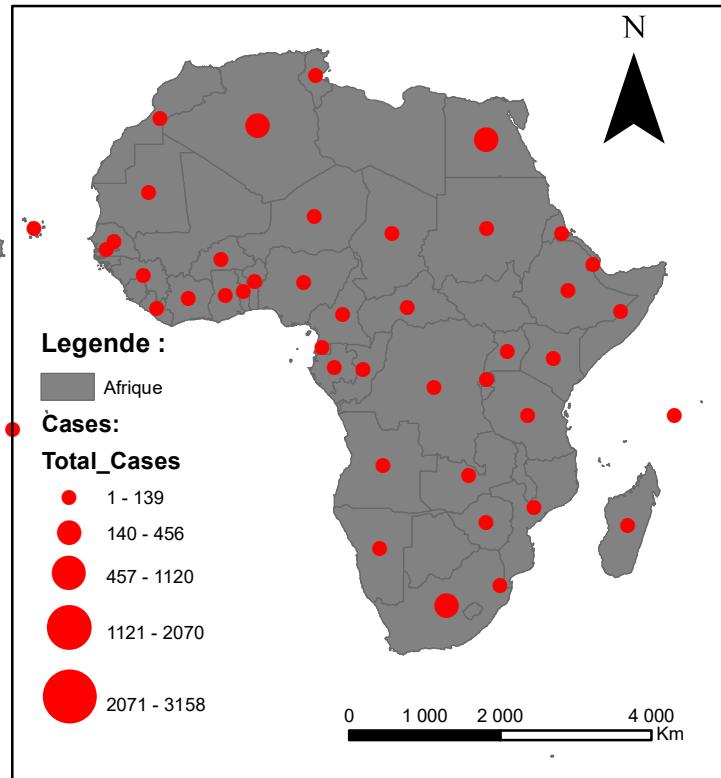
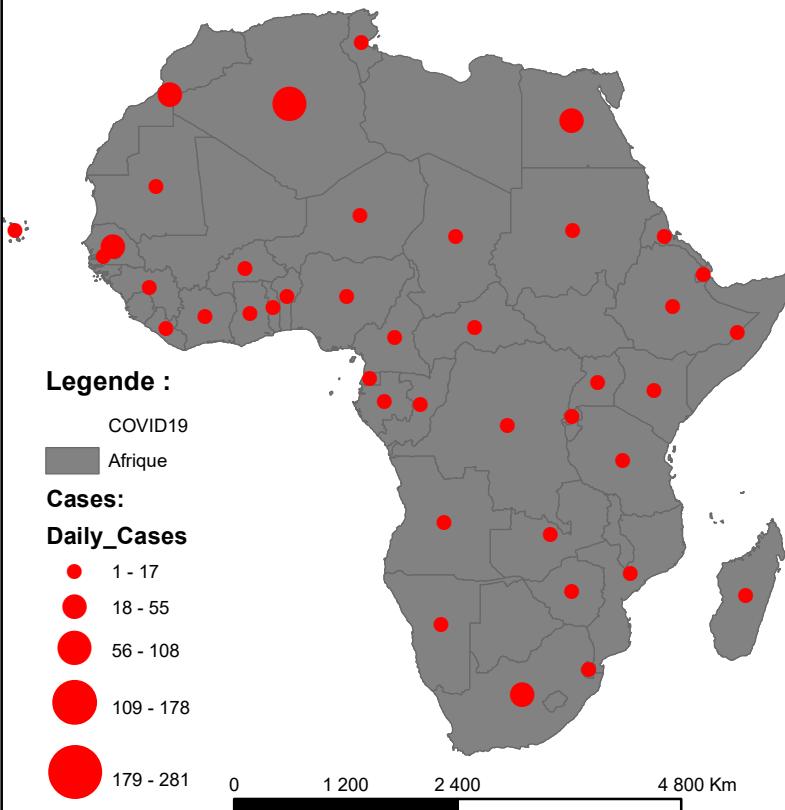
# cartes de l'état d'infection : journalier et cumul: 21/03/20

cas journaliere :201.0 cas cumulé :1158.0



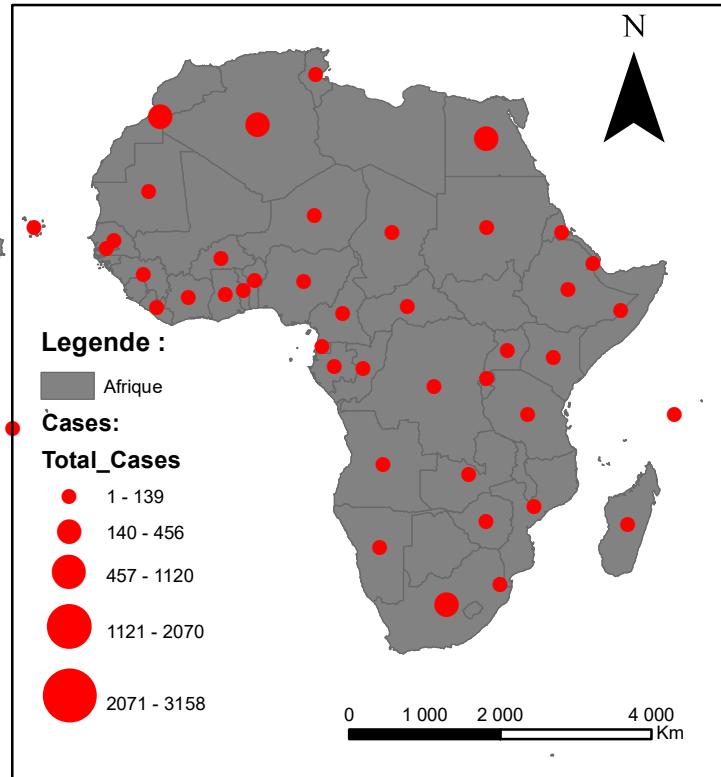
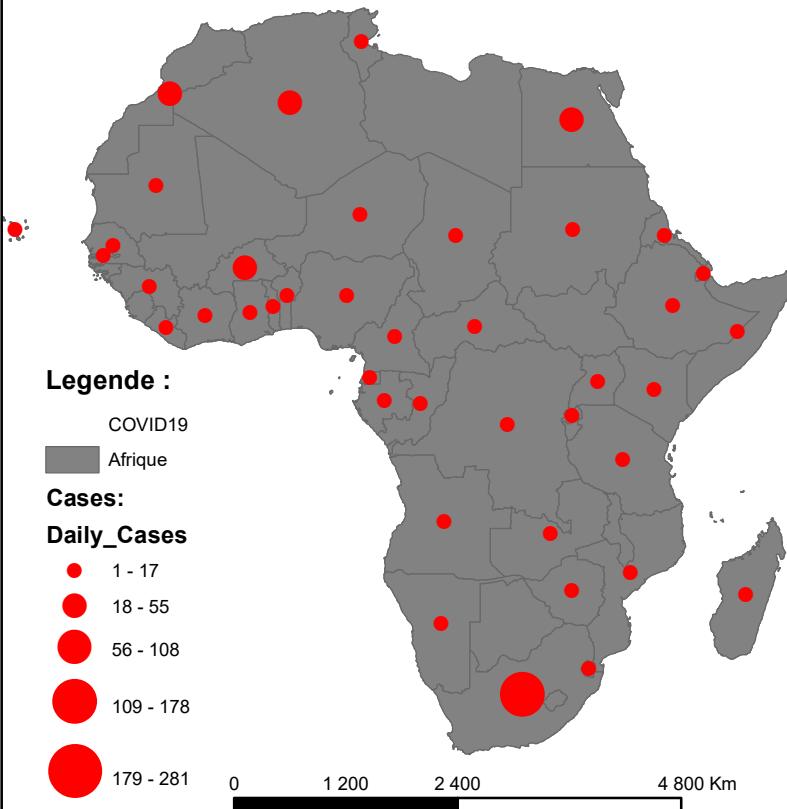
# cartes de l'état d'infection : journalier et cumul: 22/03/20

cas journaliere :251.0 cas cumulé :1409.0



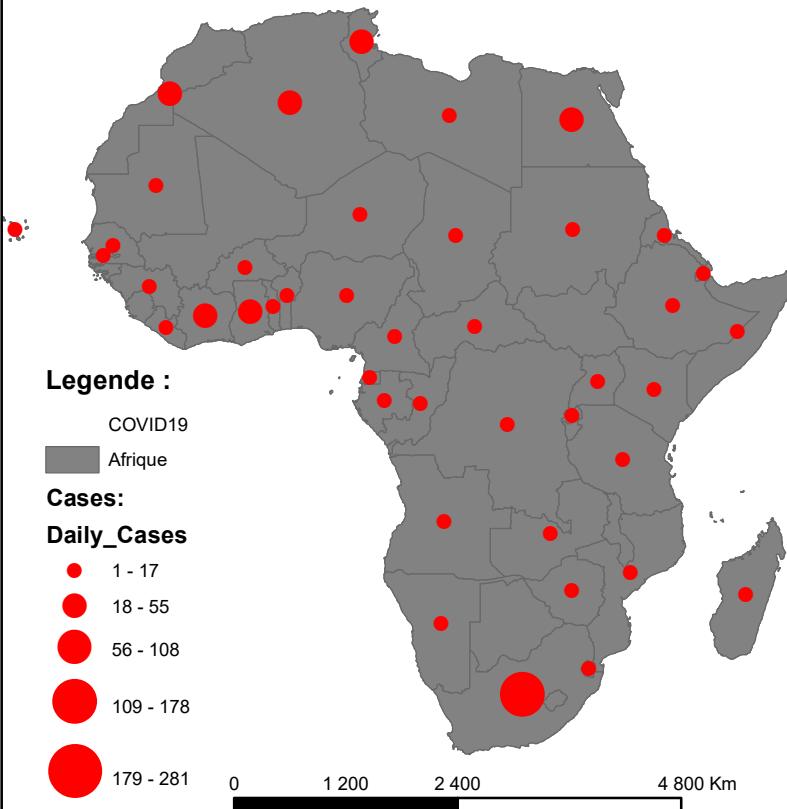
# cartes de l'état d'infection : journalier et cumul: 23/03/20

cas journaliere :373.0 cas cumulé :1782.0

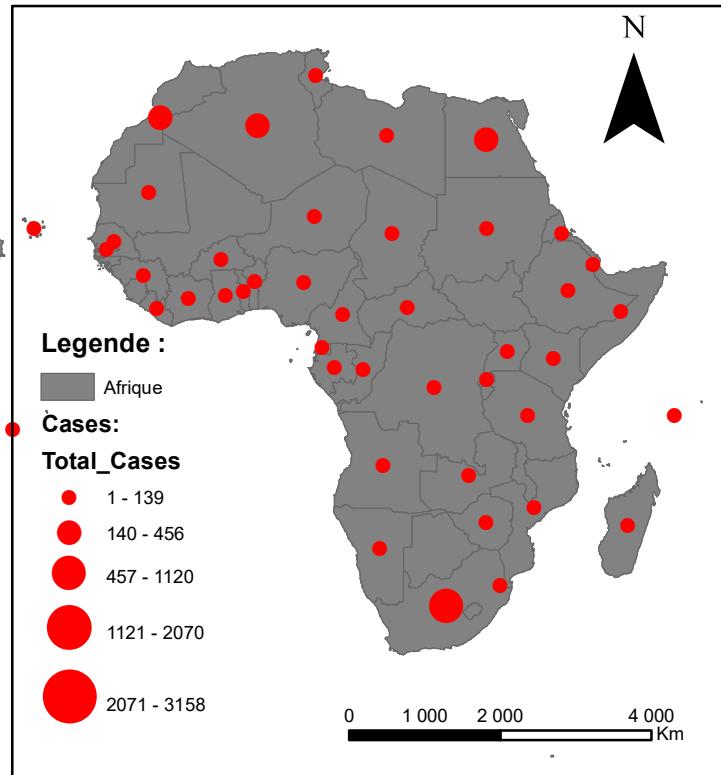


# cartes de l'état d'infection : journalier et cumul: 24/03/20

cas journaliere :426.0 cas cumulé :2208.0

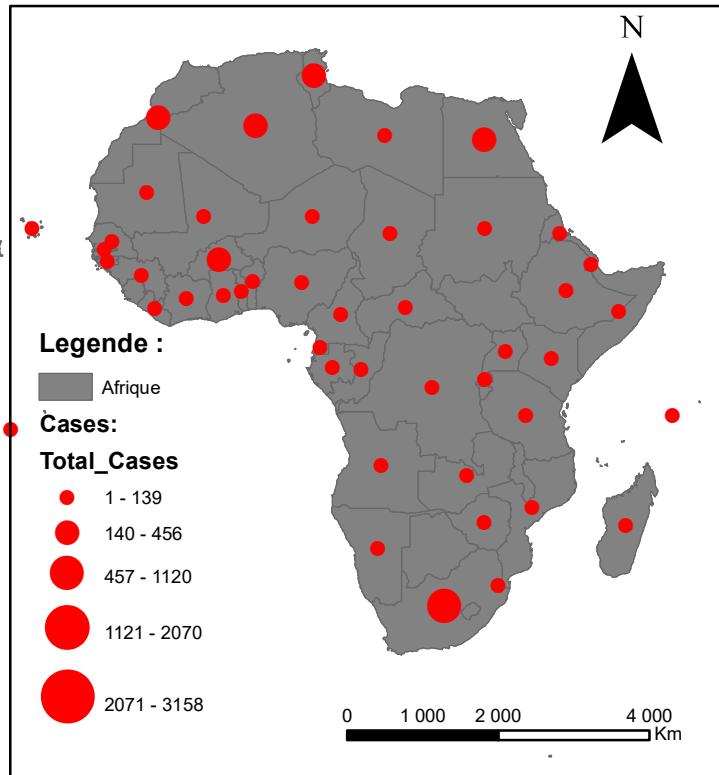
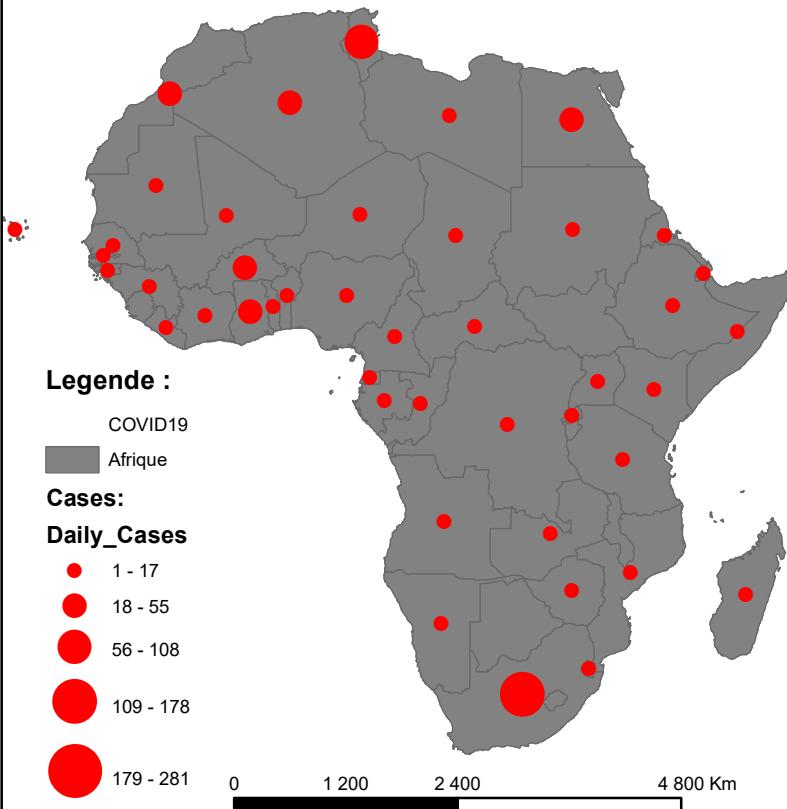


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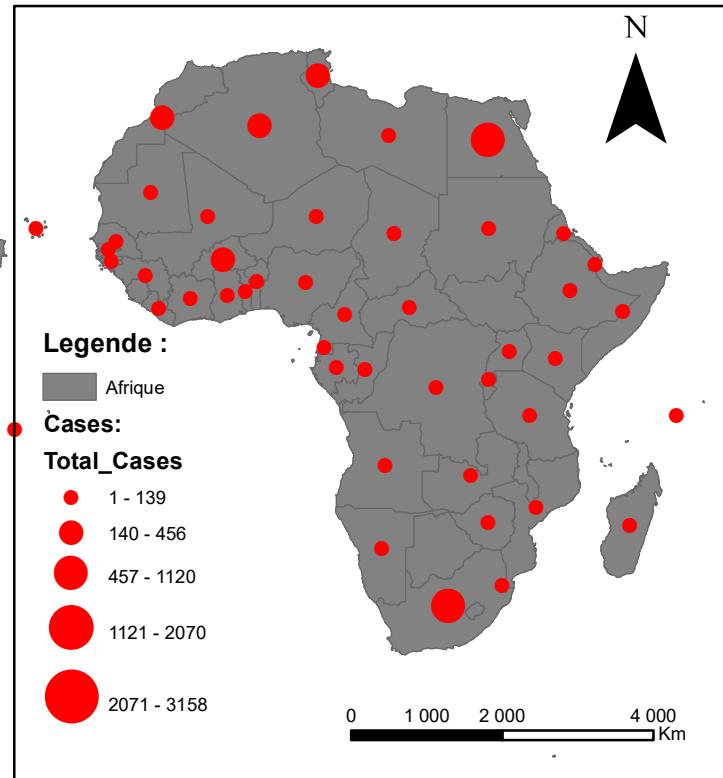
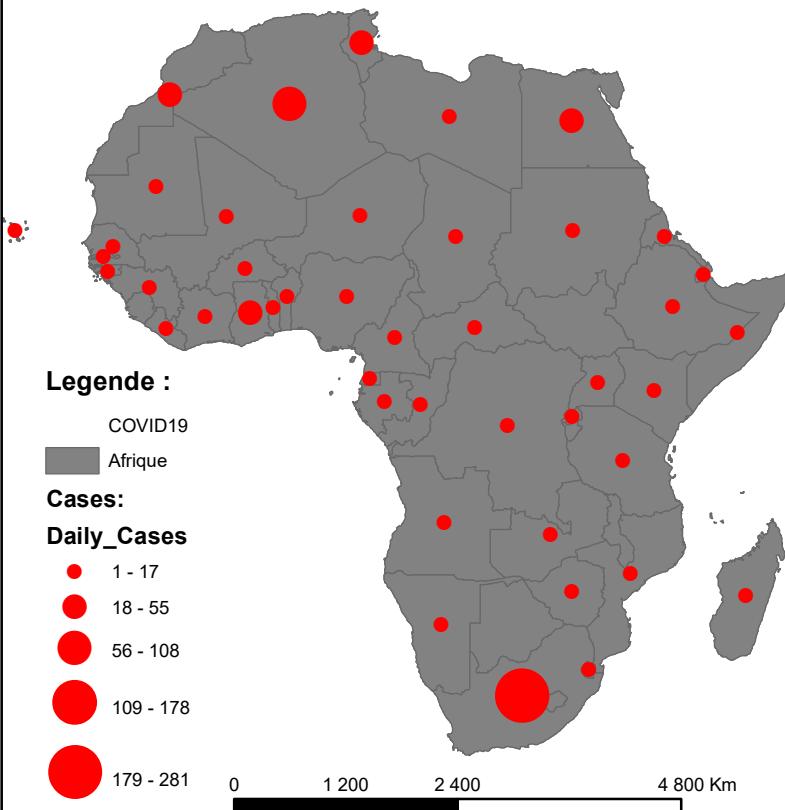
# cartes de l'état d'infection : journalier et cumul: 25/03/20

cas journaliere :517.0 cas cumulé :2725.0



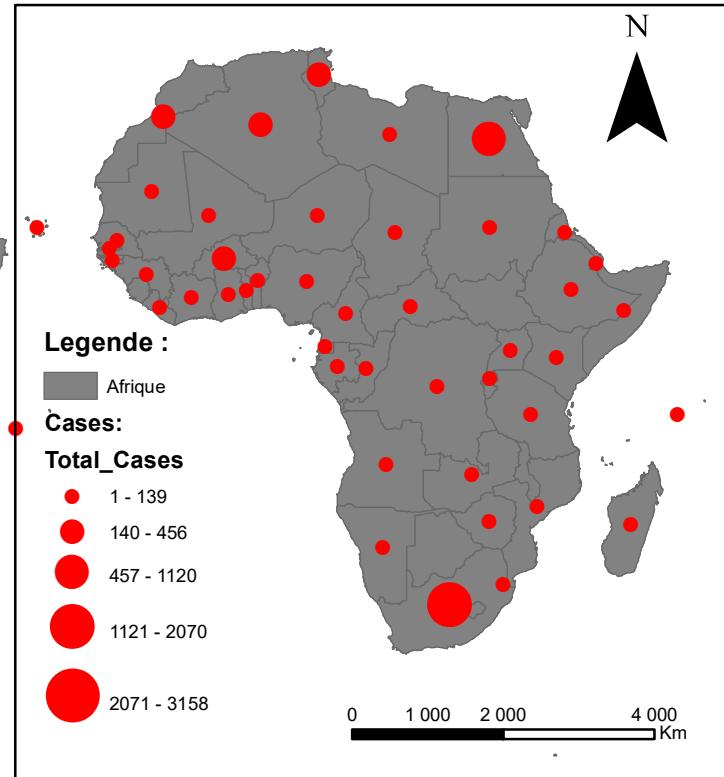
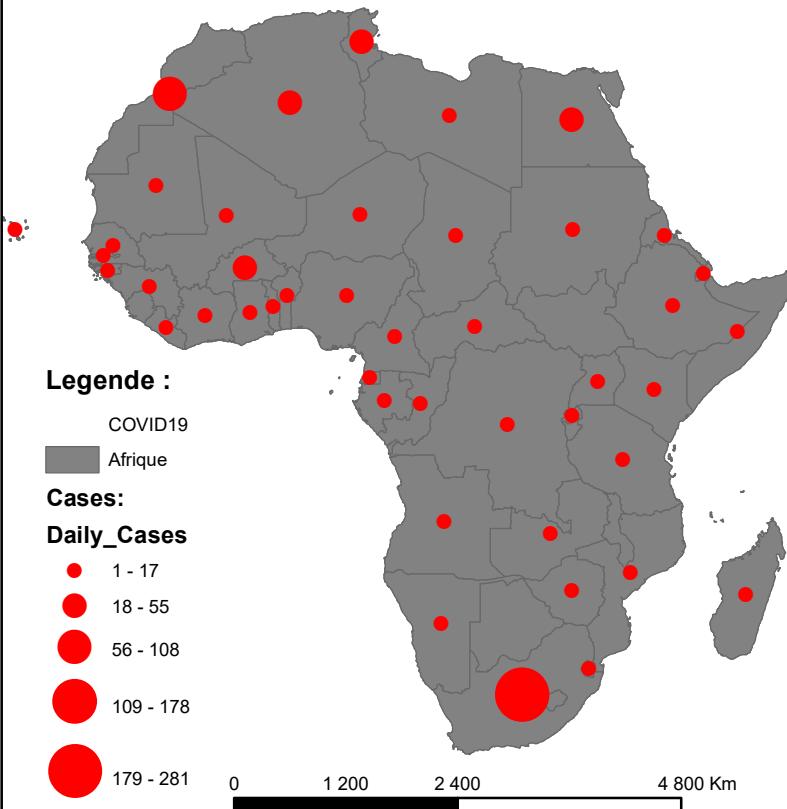
# cartes de l'état d'infection : journalier et cumul: 26/03/20

cas journaliere :520.0 cas cumulé :3245.0



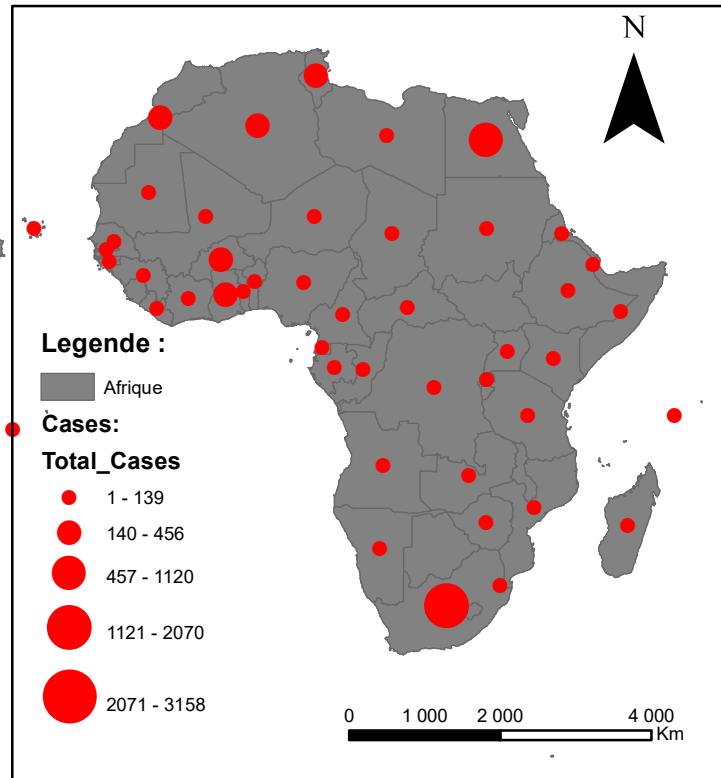
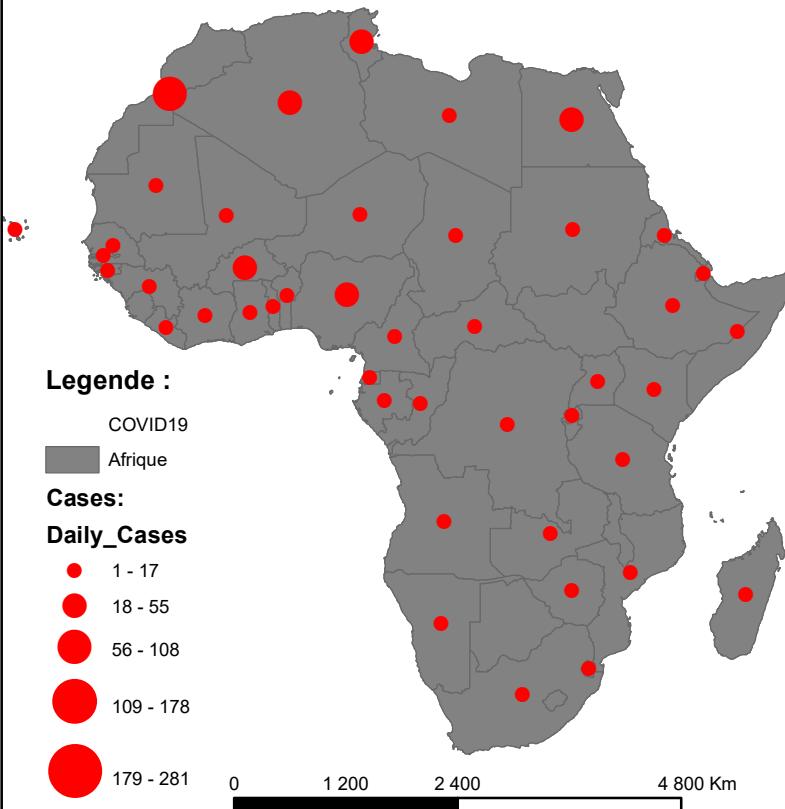
# cartes de l'état d'infection : journalier et cumul: 27/03/20

cas journaliere :546.0 cas cumulé :3791.0



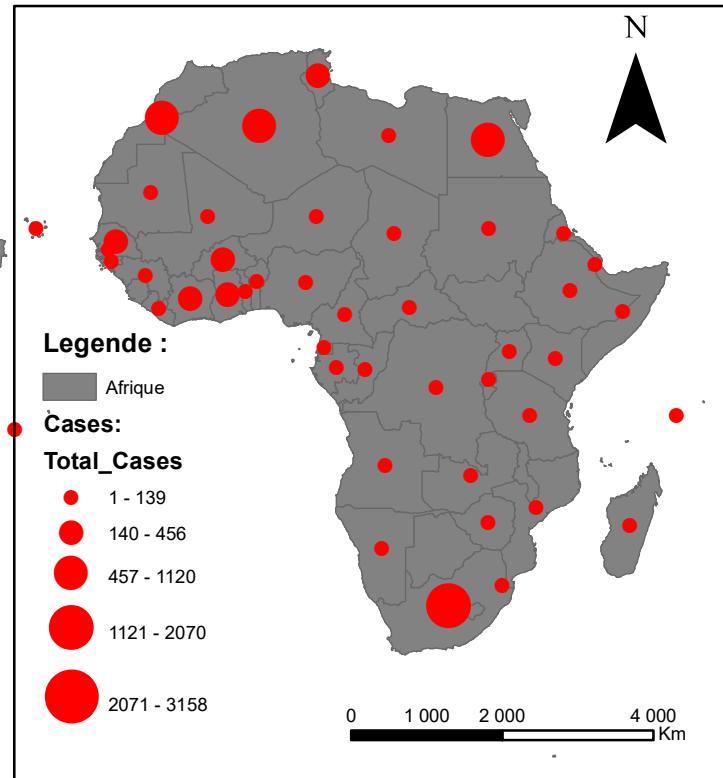
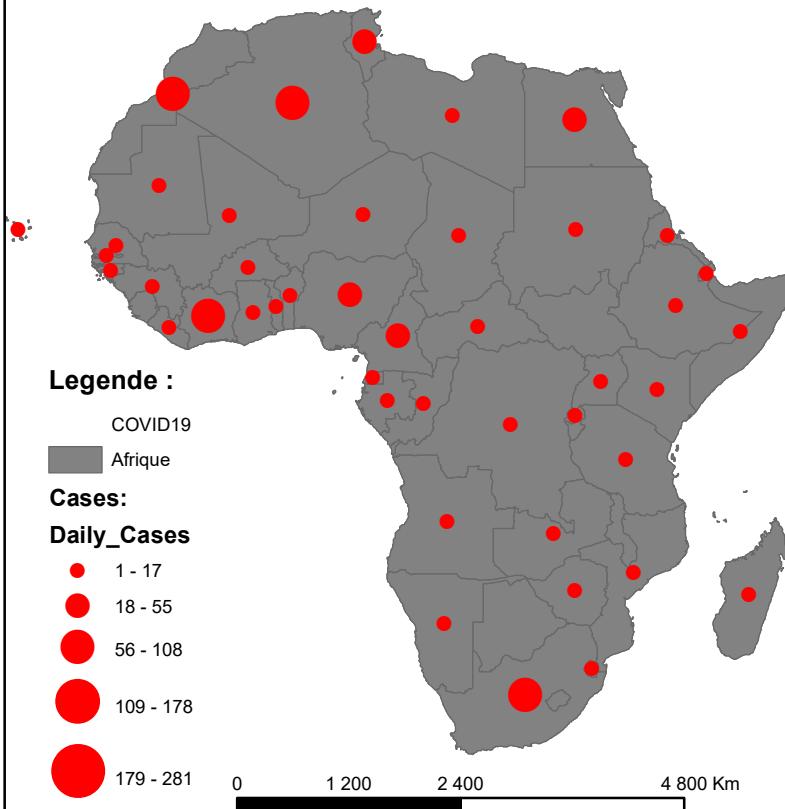
# cartes de l'état d'infection : journalier et cumul: 28/03/20

cas journaliere :332.0 cas cumulé :4123.0



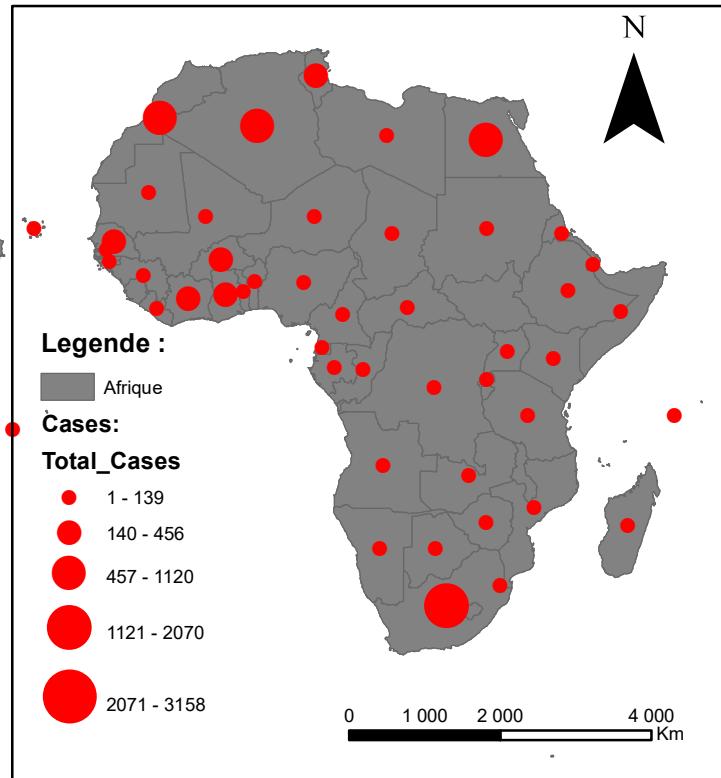
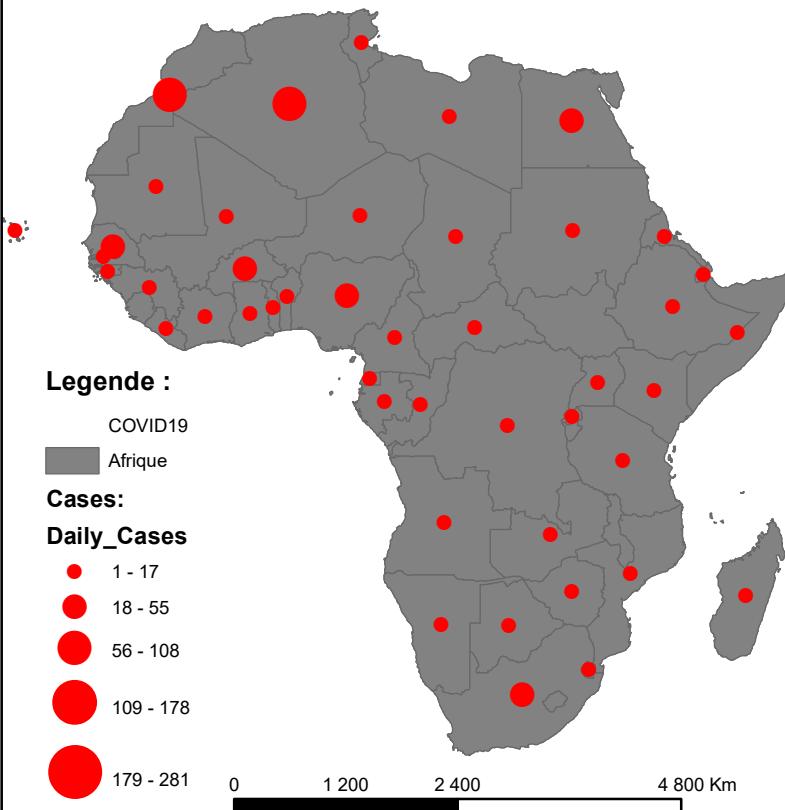
# cartes de l'état d'infection : journalier et cumul: 29/03/20

cas journaliere :556.0 cas cumulé :4679.0



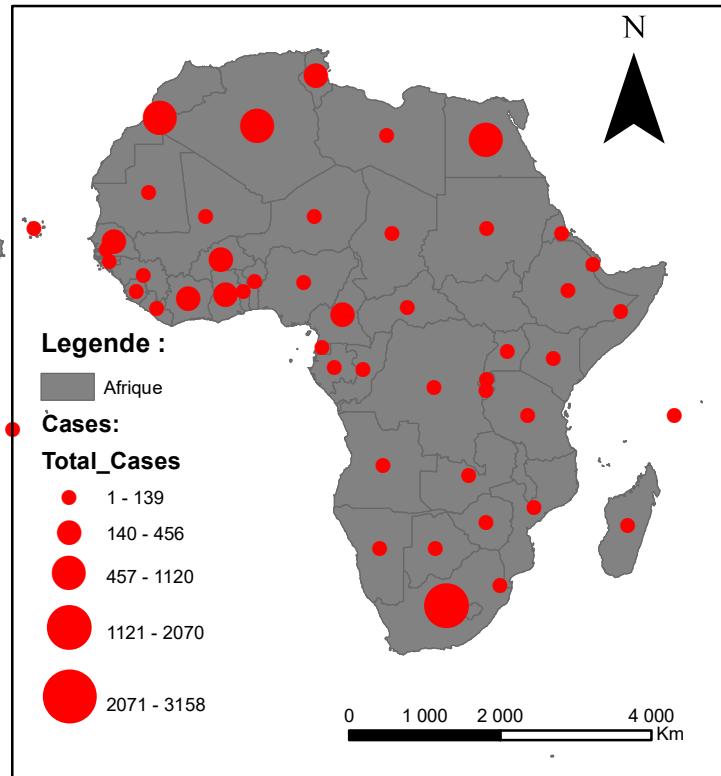
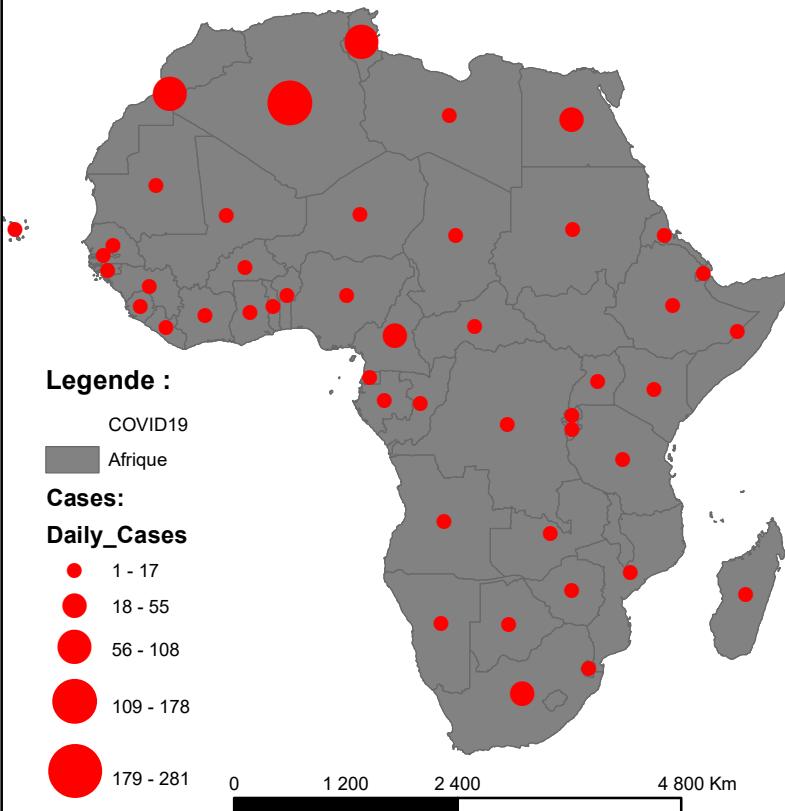
# cartes de l'état d'infection : journalier et cumul: 30/03/20

cas journaliere :389.0 cas cumulé :5068.0



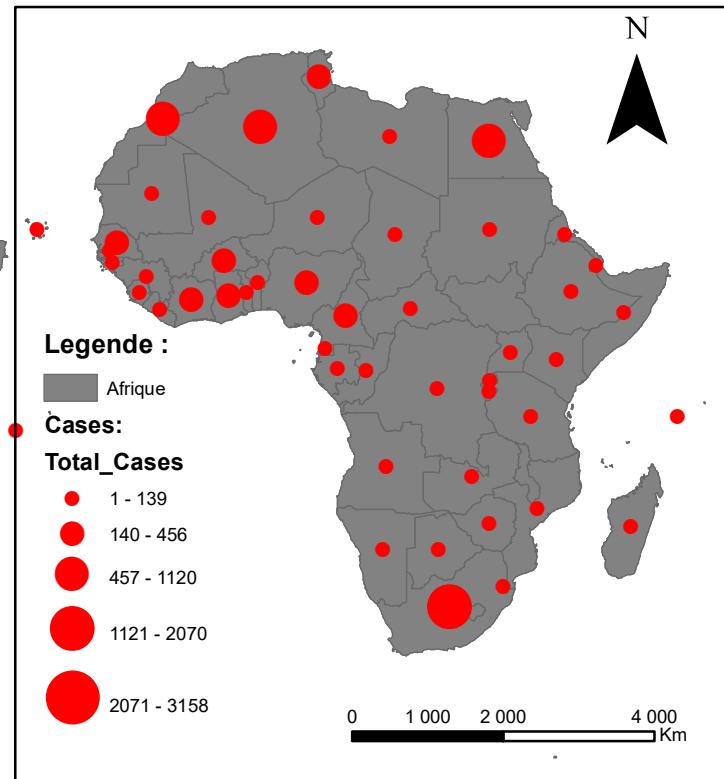
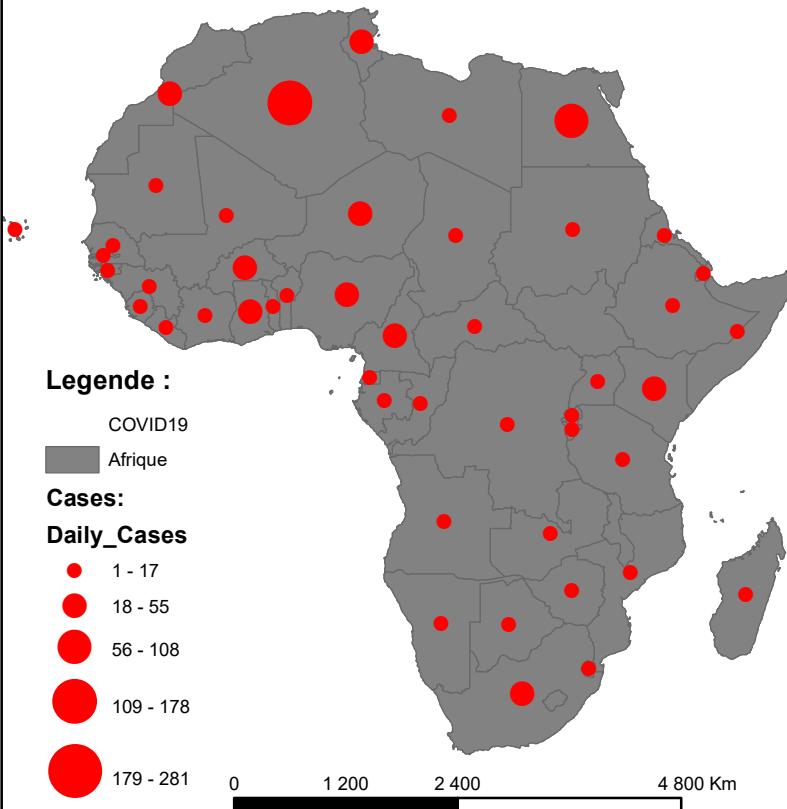
# cartes de l'état d'infection : journalier et cumul: 31/03/20

cas journaliere :570.0 cas cumulé :5638.0



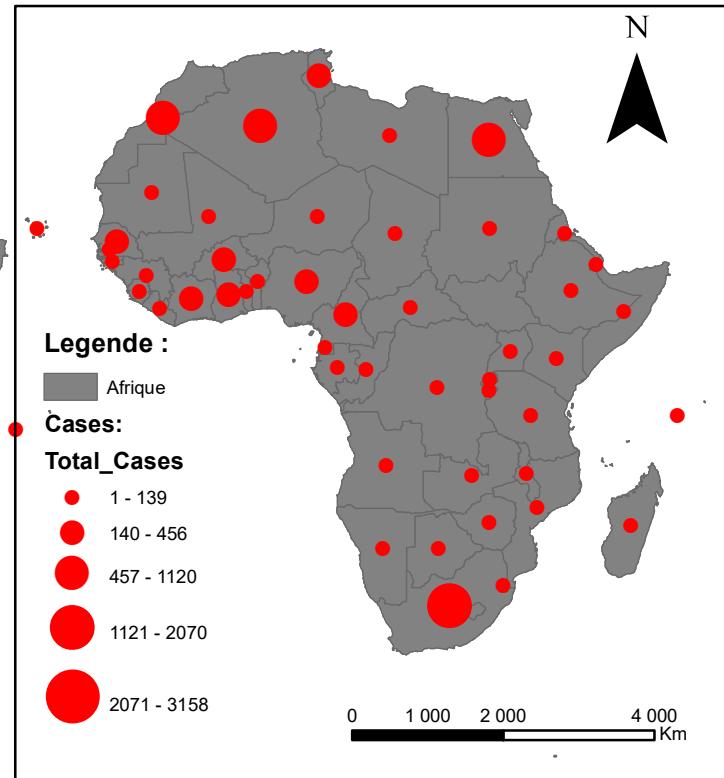
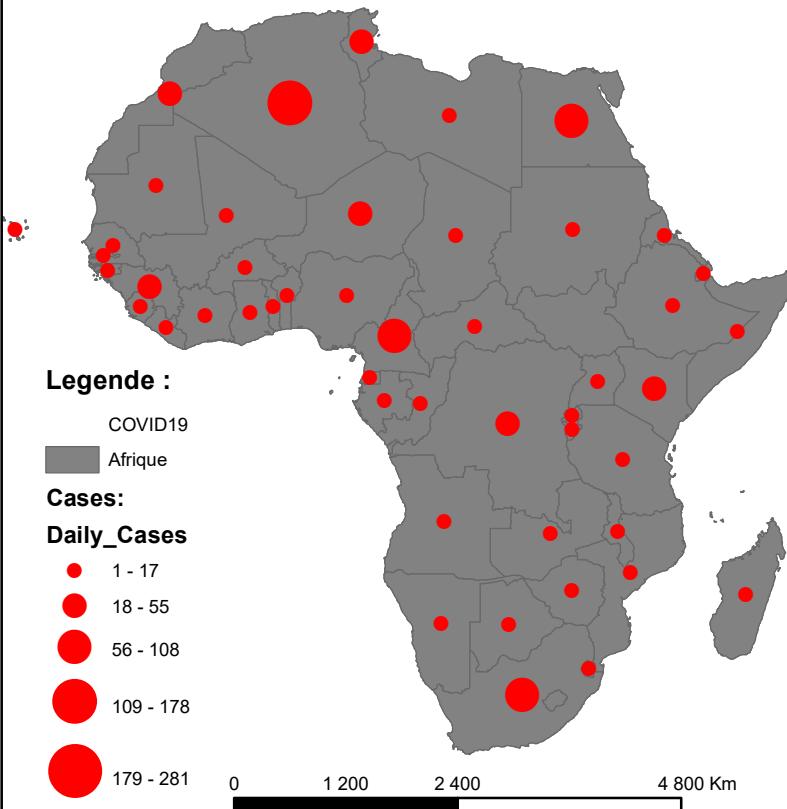
# cartes de l'état d'infection : journalier et cumul: 01/04/20

cas journaliere :581.0 cas cumulé :6219.0



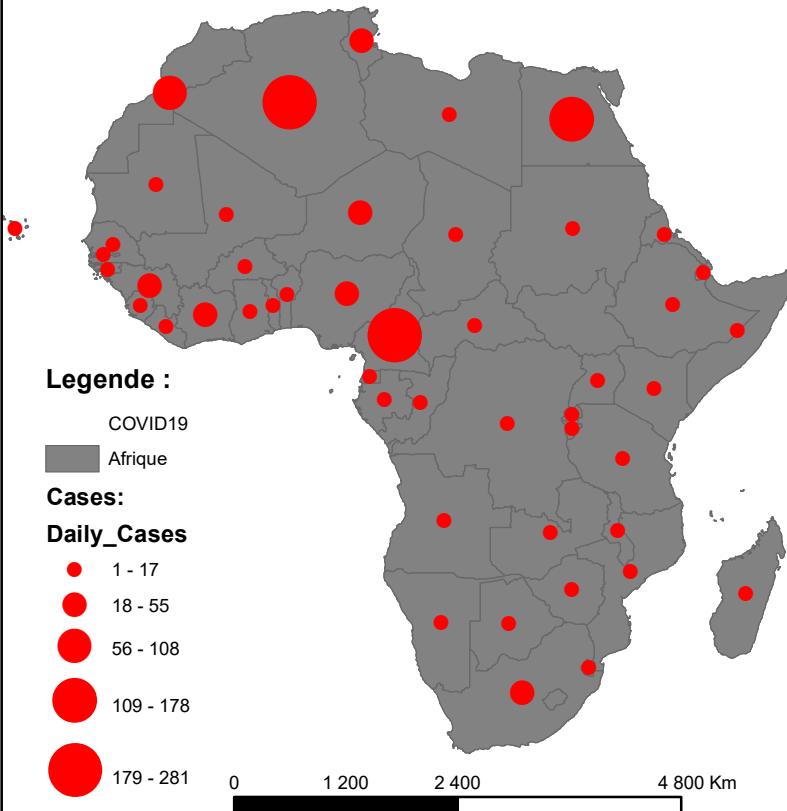
# cartes de l'état d'infection : journalier et cumul: 02/04/20

cas journaliere :644.0 cas cumulé :6863.0

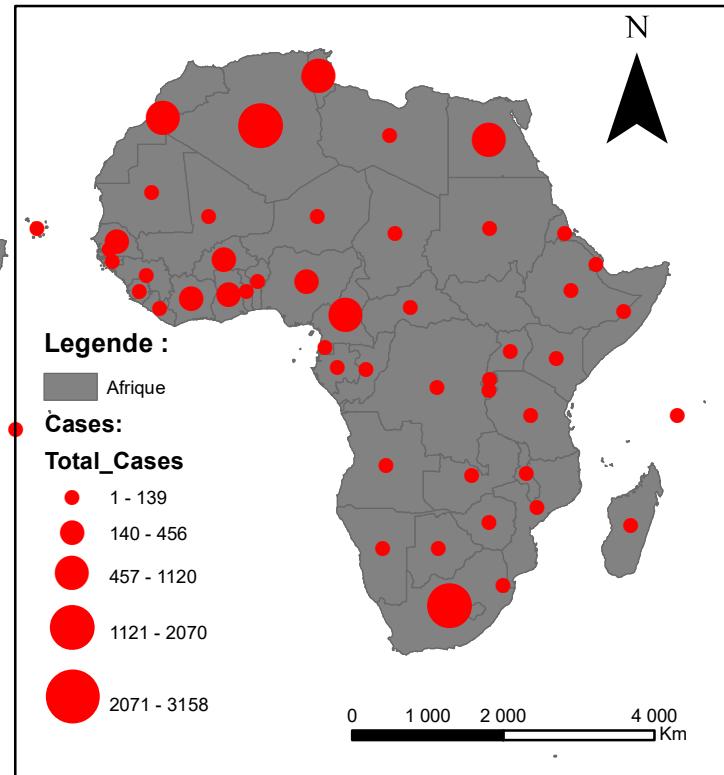


# cartes de l'état d'infection : journalier et cumul: 03/04/20

cas journaliere :864.0 cas cumulé :7727.0

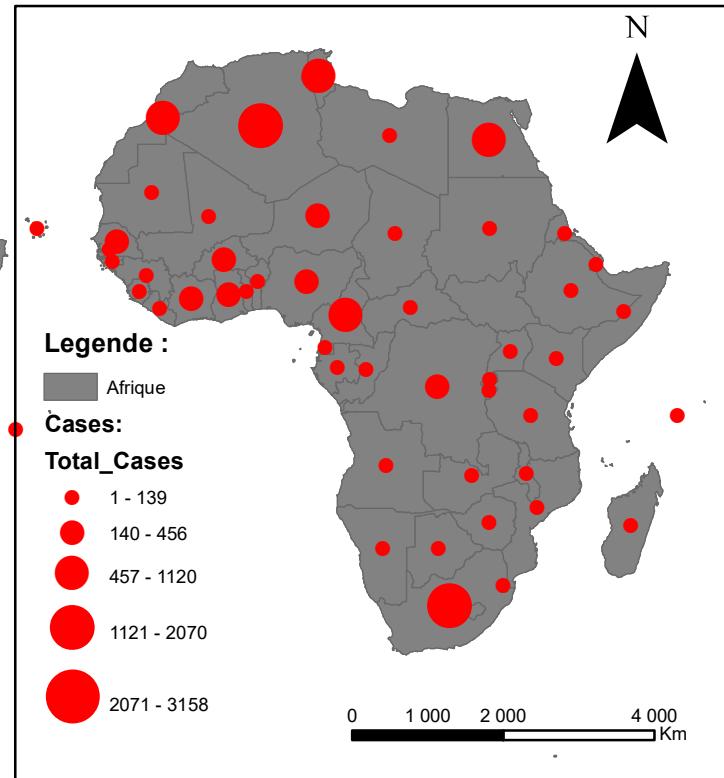
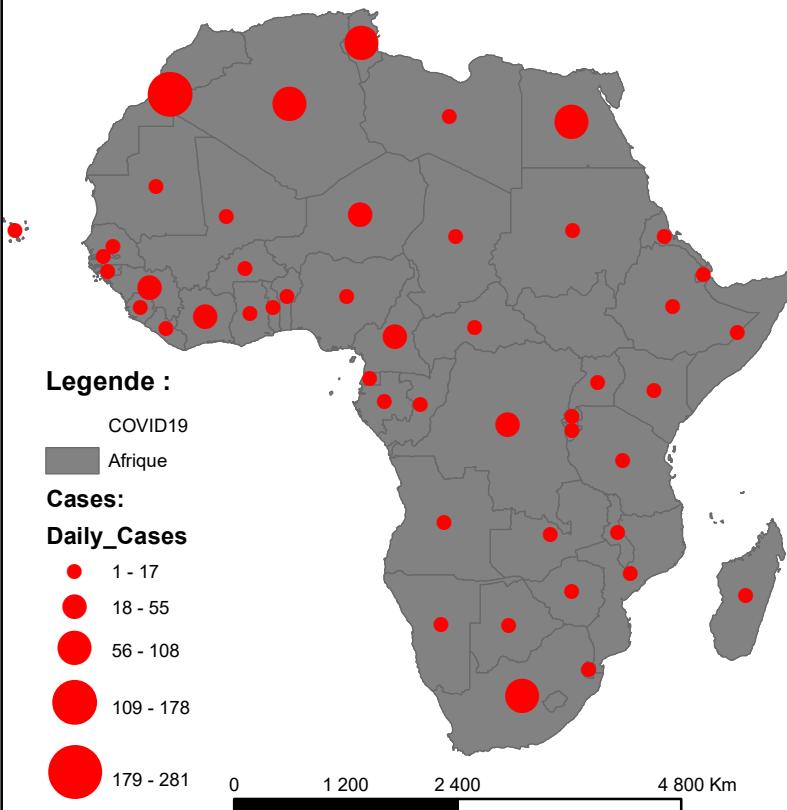


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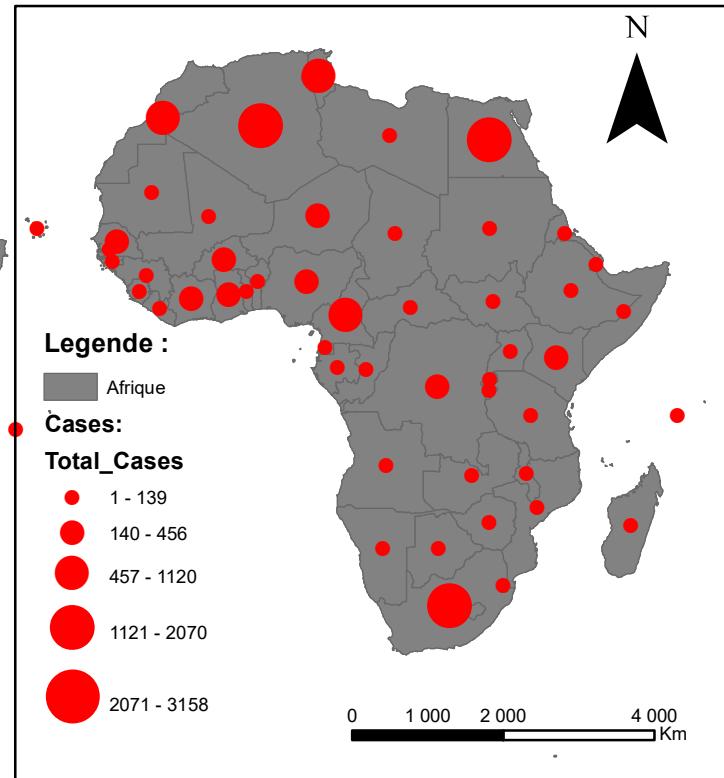
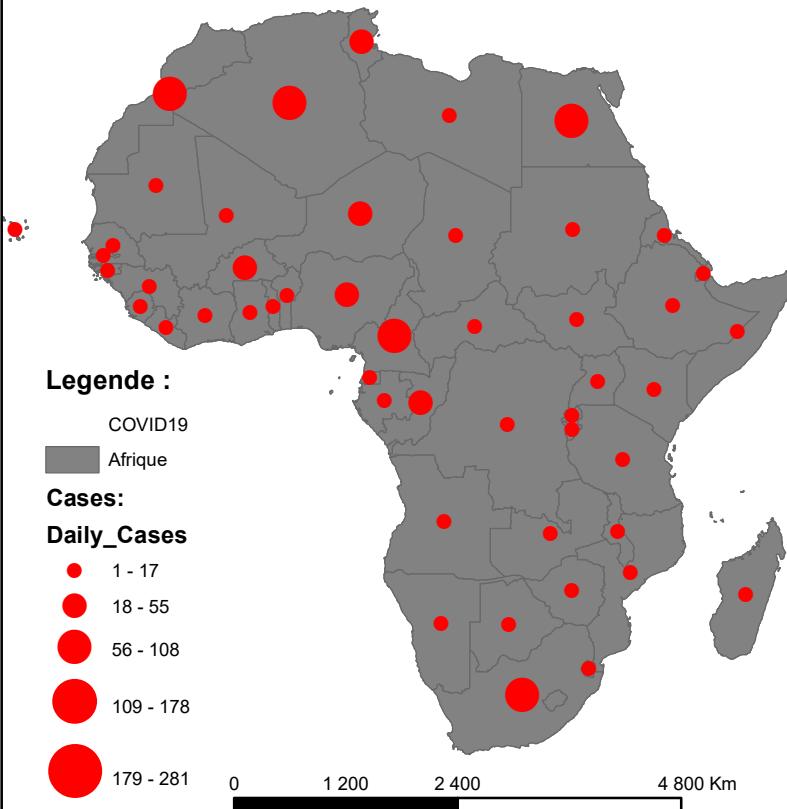
# cartes de l'état d'infection : journalier et cumul: 04/04/20

cas journaliere :669.0 cas cumulé :8396.0



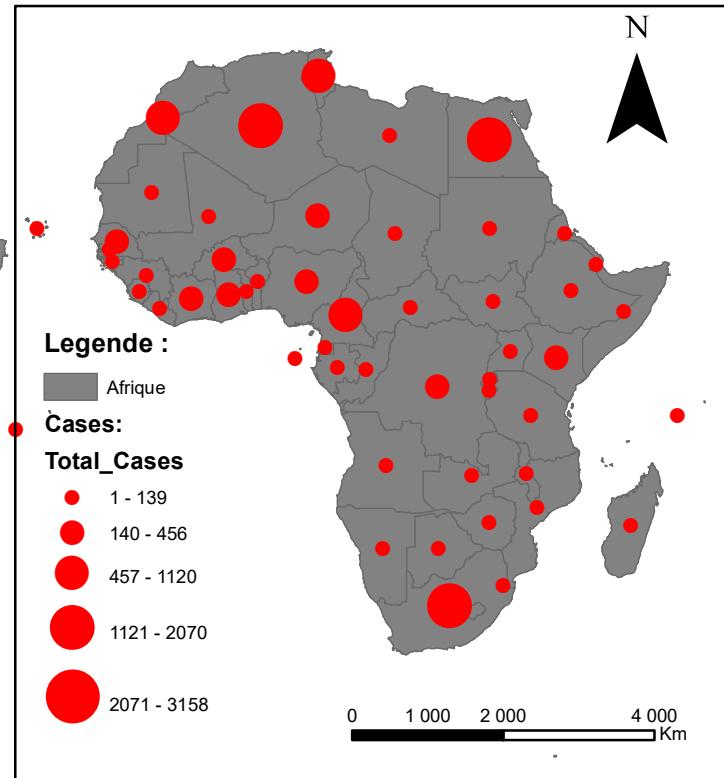
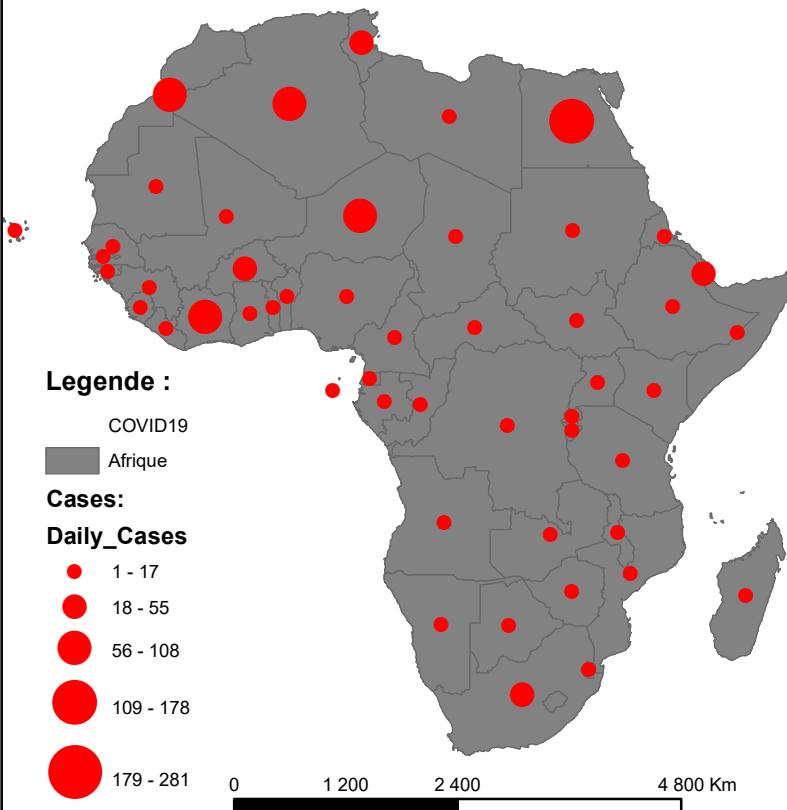
# cartes de l'état d'infection : journalier et cumul: 05/04/20

cas journaliere :675.0 cas cumulé :9071.0



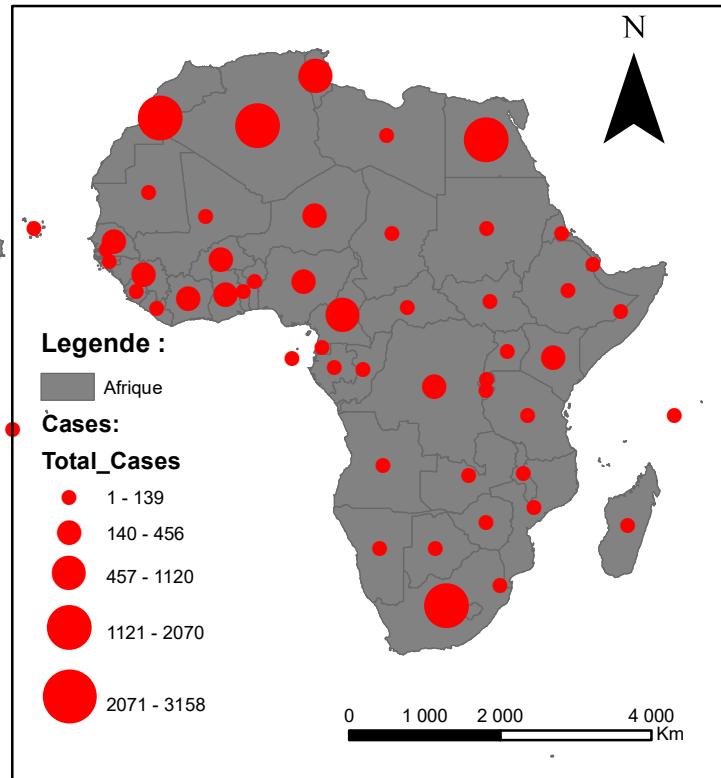
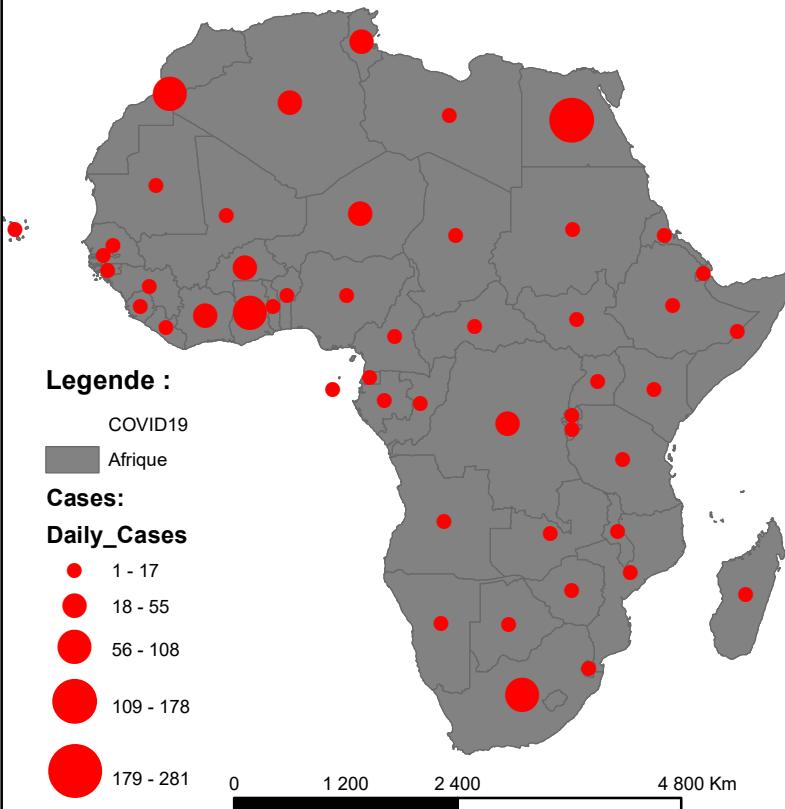
# cartes de l'état d'infection : journalier et cumul: 06/04/20

cas journaliere :684.0 cas cumulé :9755.0



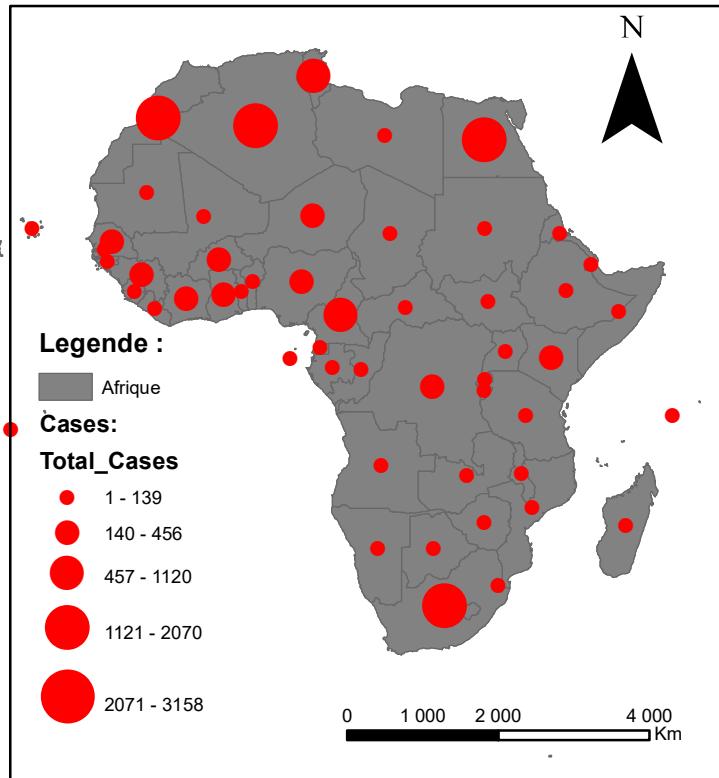
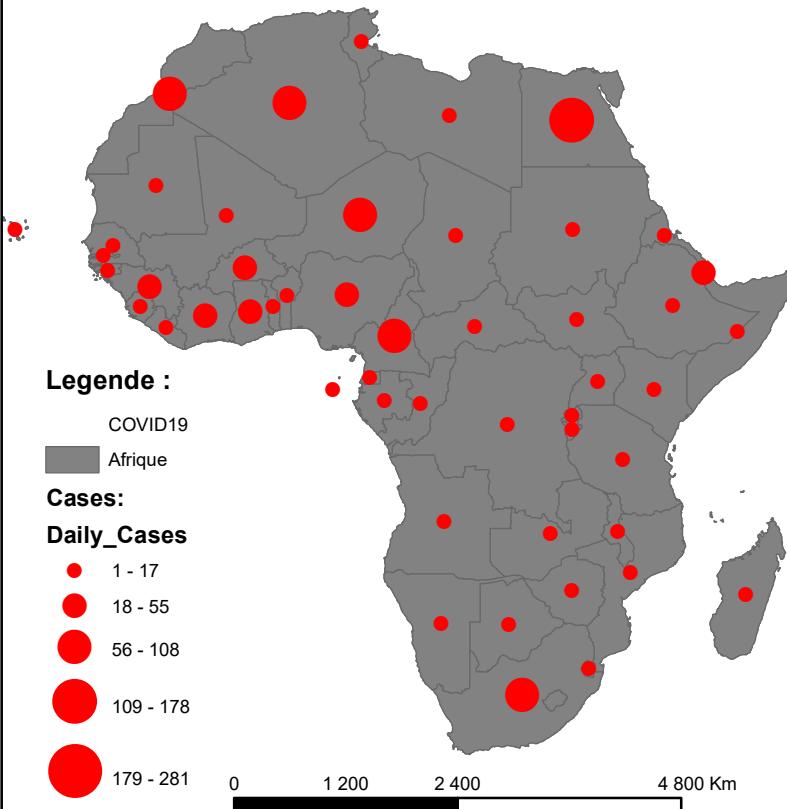
# cartes de l'état d'infection : journalier et cumul: 07/04/20

cas journaliere :609.0 cas cumulé :10364.0



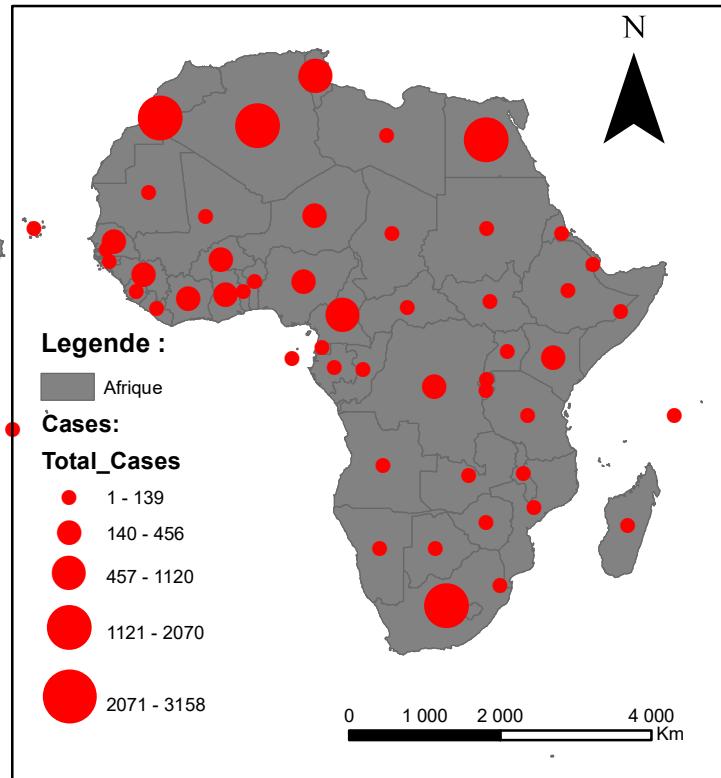
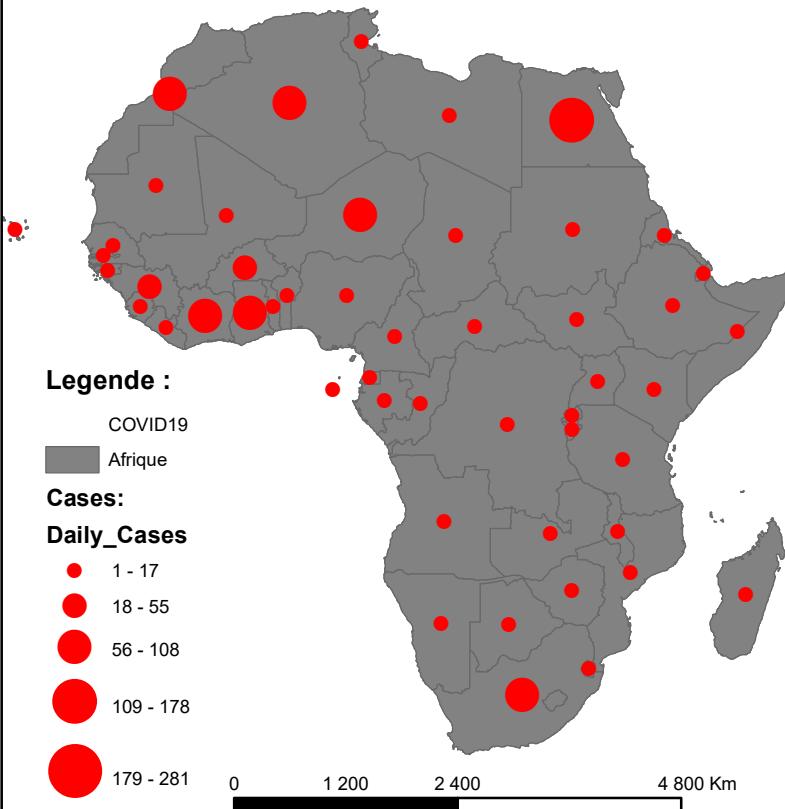
# cartes de l'état d'infection : journalier et cumul: 08/04/20

cas journaliere :799.0 cas cumulé :11163.0



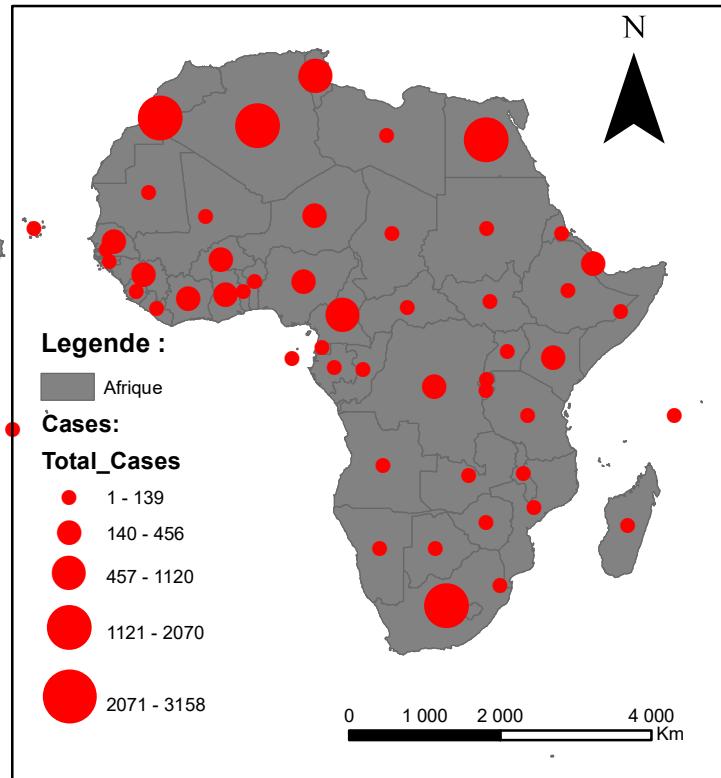
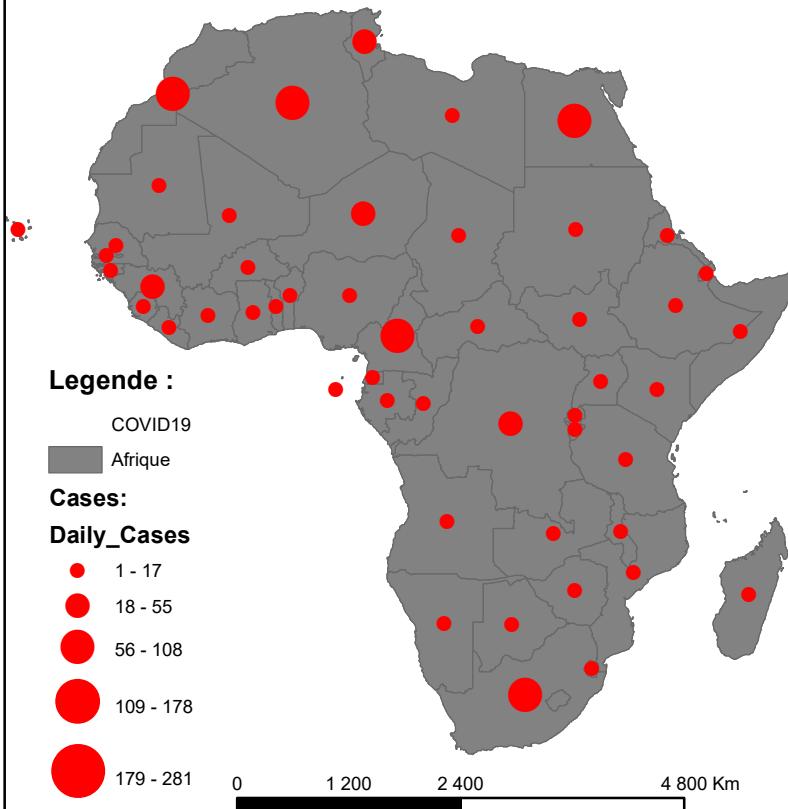
# cartes de l'état d'infection : journalier et cumul: 09/04/20

cas journaliere :772.0 cas cumulé :11935.0



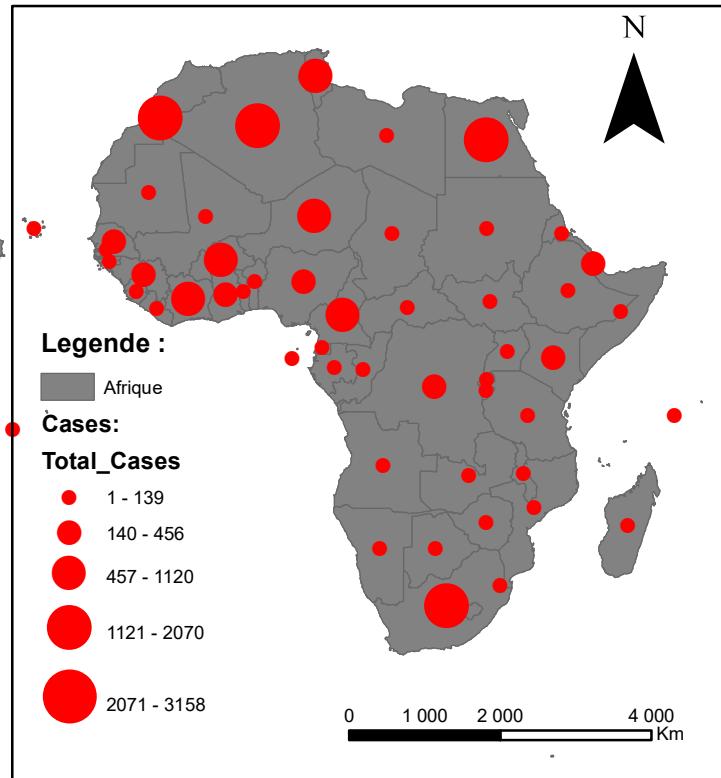
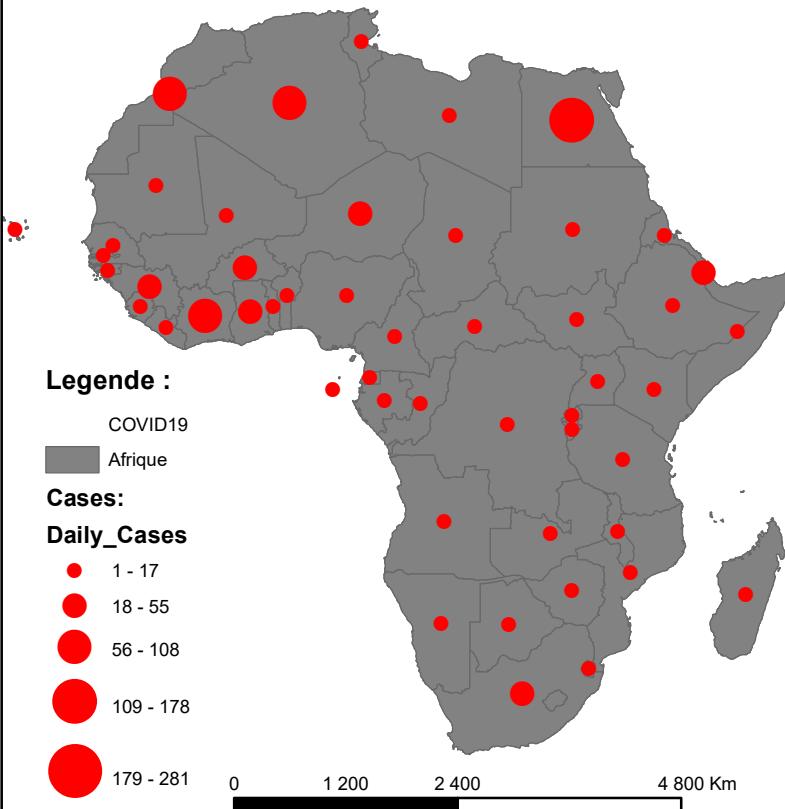
# cartes de l'état d'infection : journalier et cumul: 10/04/20

cas journaliere :660.0 cas cumulé :12595.0



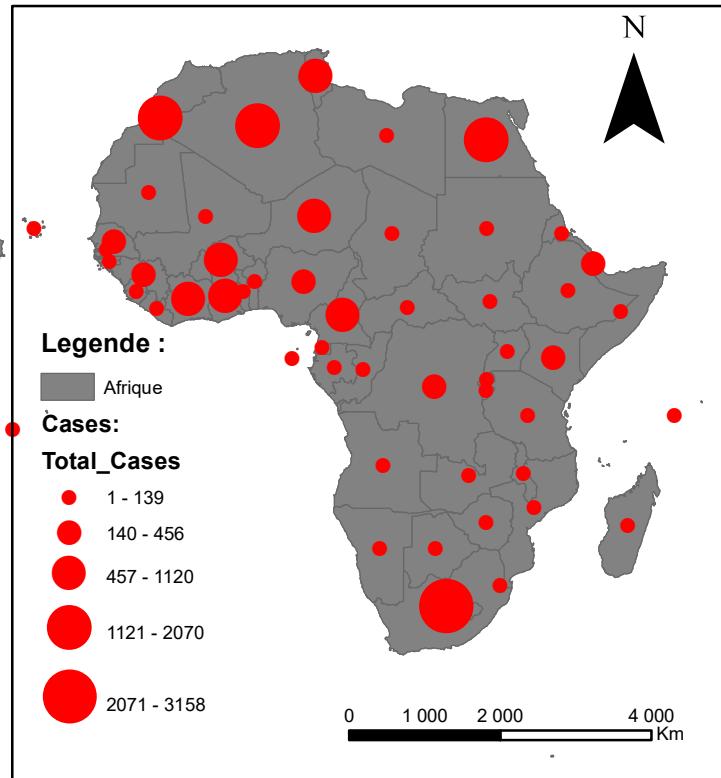
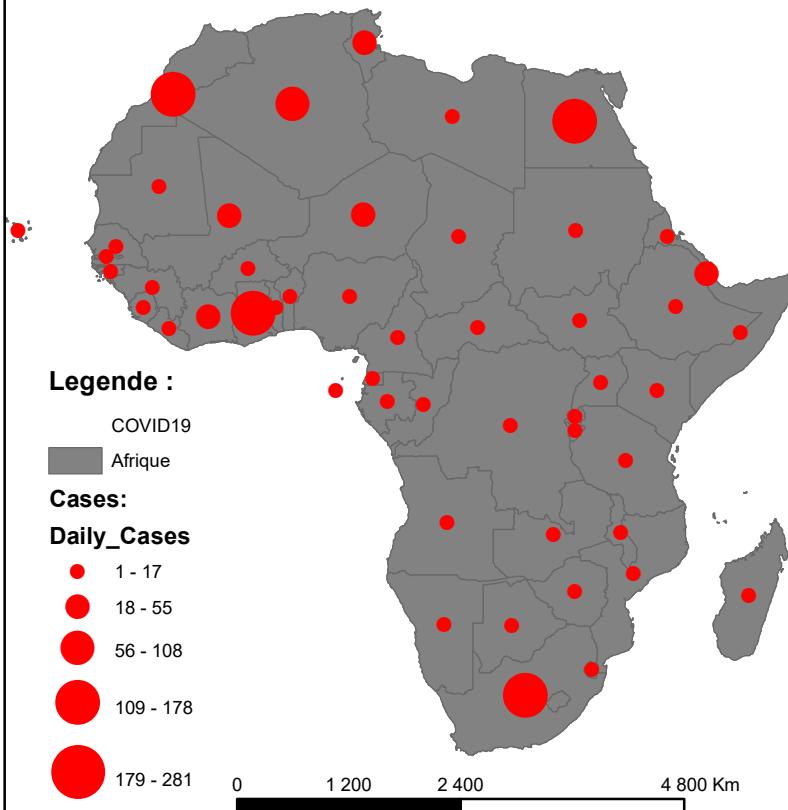
# cartes de l'état d'infection : journalier et cumul: 11/04/20

cas journaliere :713.0 cas cumulé :13308.0



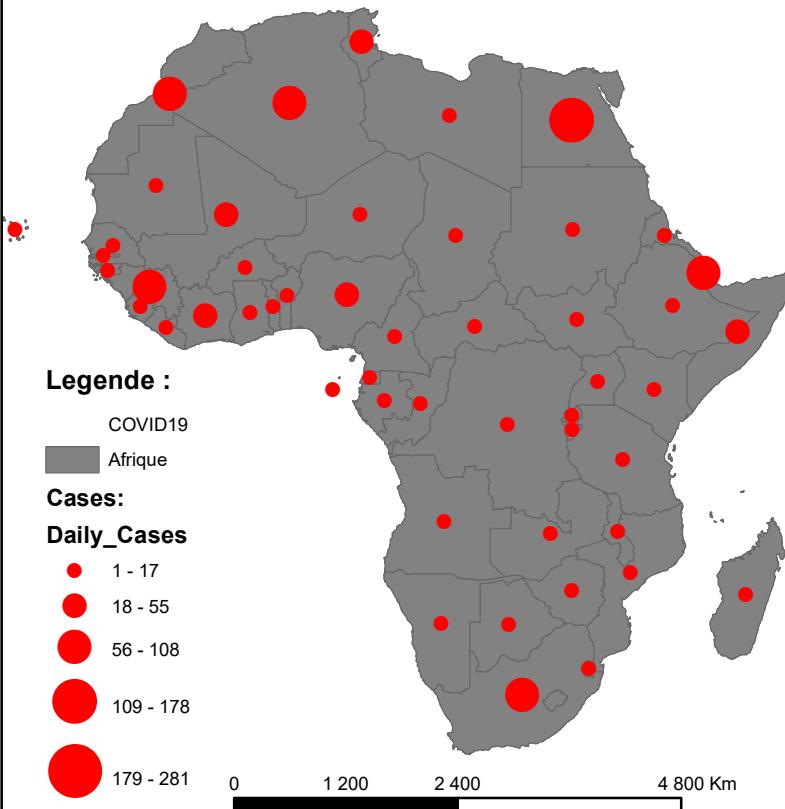
# cartes de l'état d'infection : journalier et cumul: 12/04/20

cas journaliere :859.0 cas cumulé :14167.0

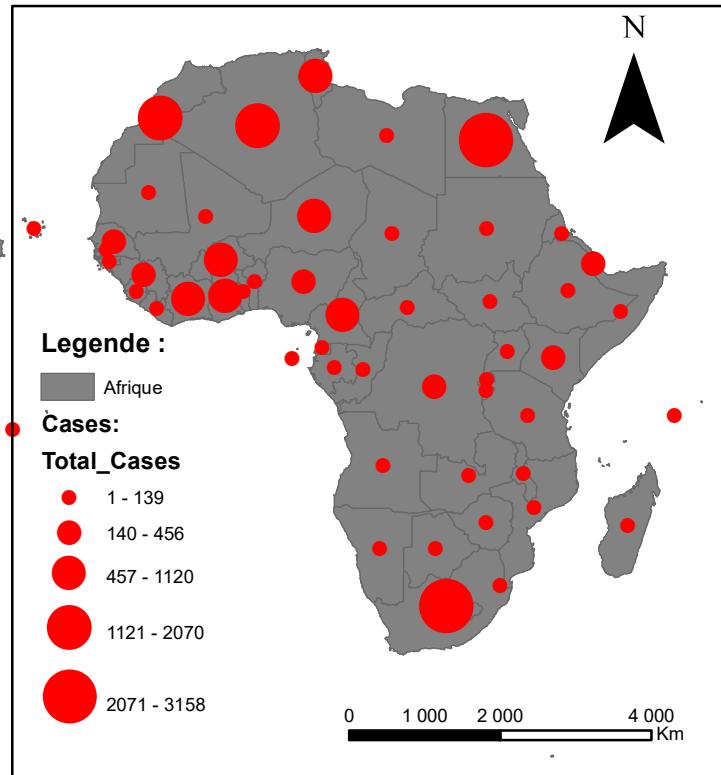


# cartes de l'état d'infection : journalier et cumul: 13/04/20

cas journaliere :784.0 cas cumulé :14951.0

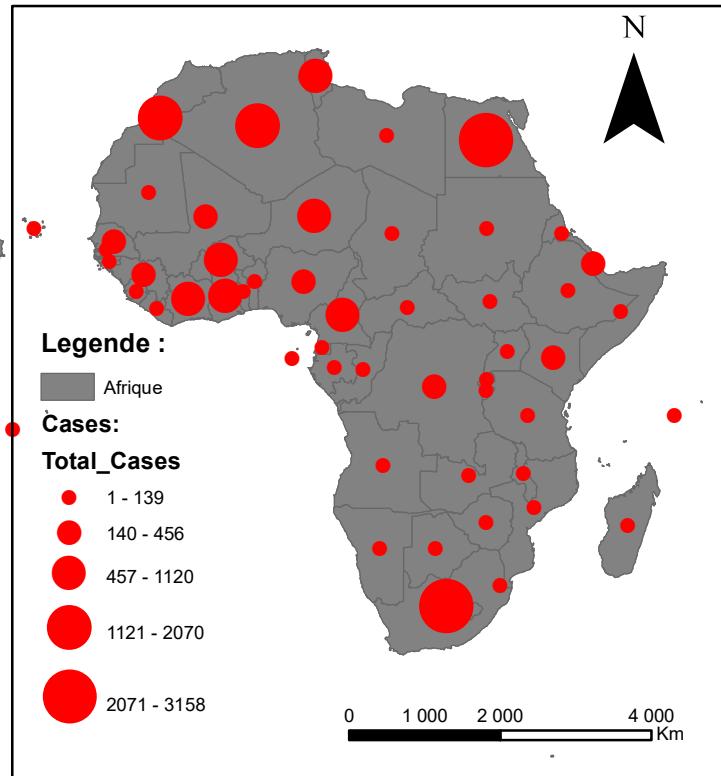
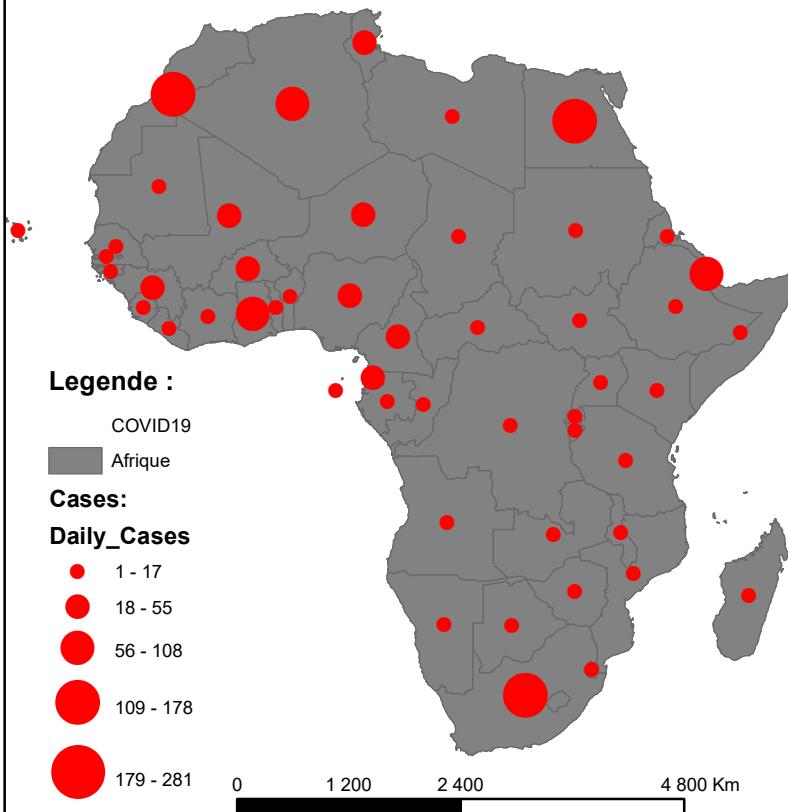


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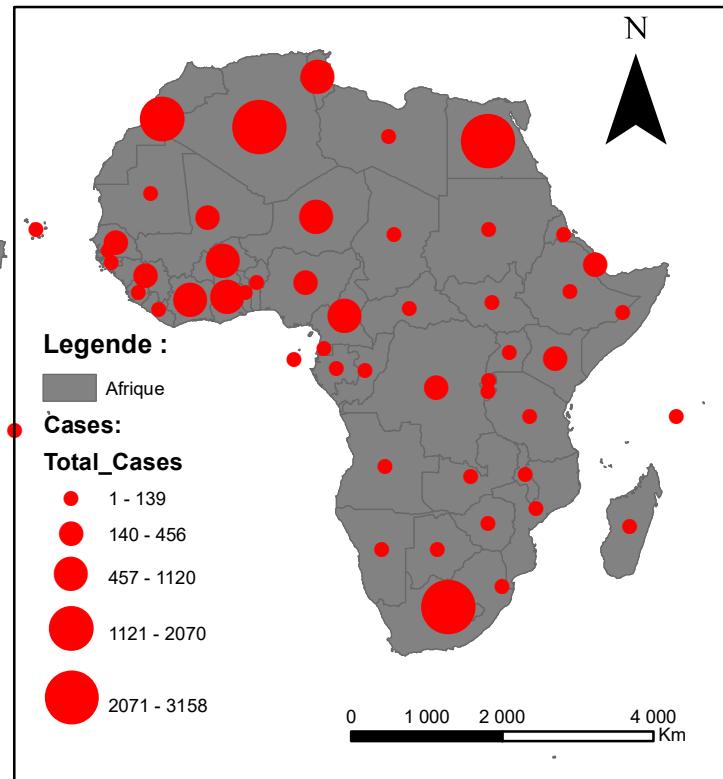
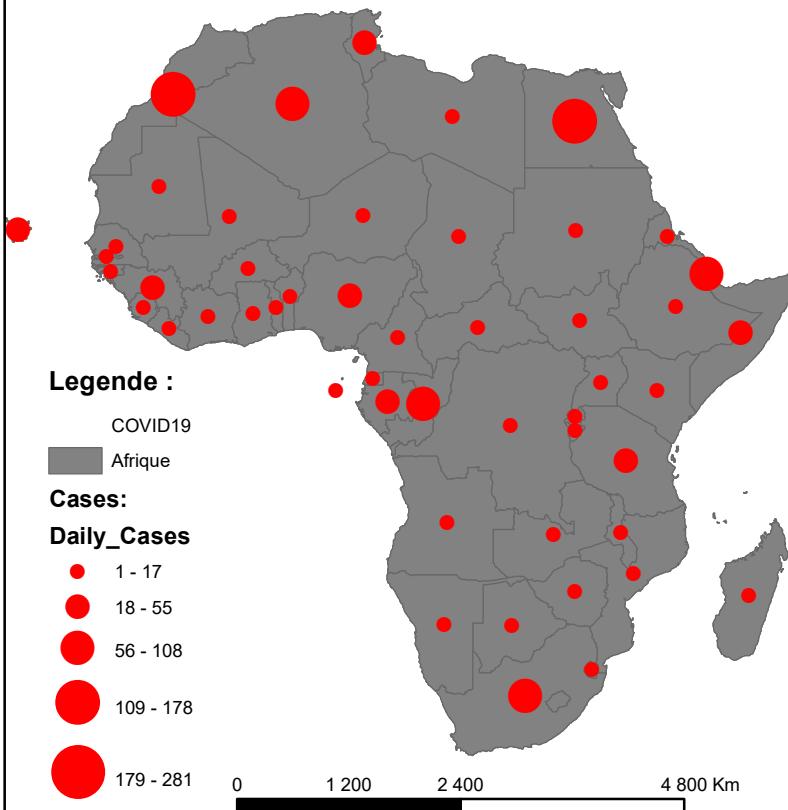
# cartes de l'état d'infection : journalier et cumul: 14/04/20

cas journaliere :963.0 cas cumulé :15914.0



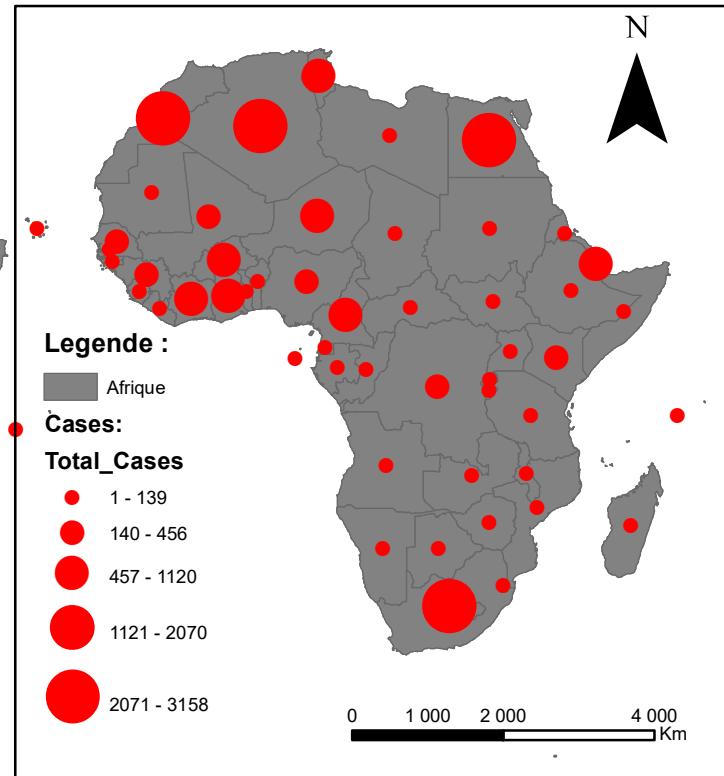
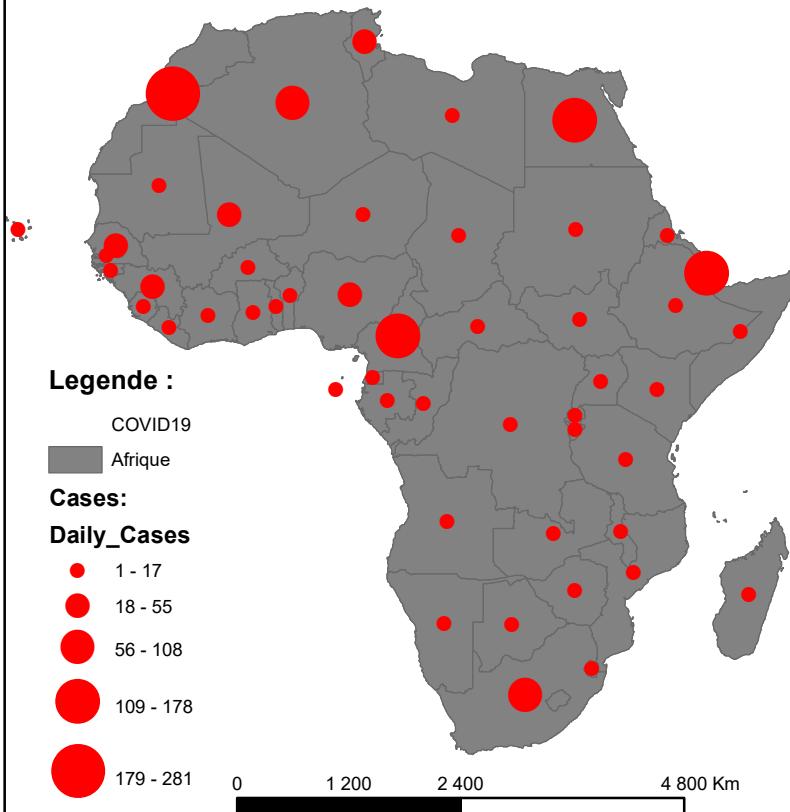
# cartes de l'état d'infection : journalier et cumul: 15/04/20

cas journaliere :954.0 cas cumulé :16868.0



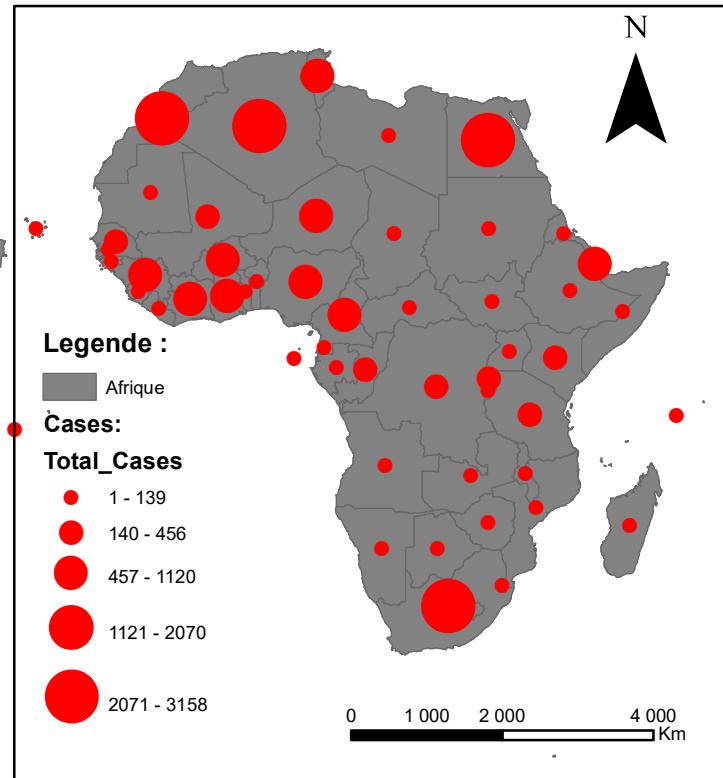
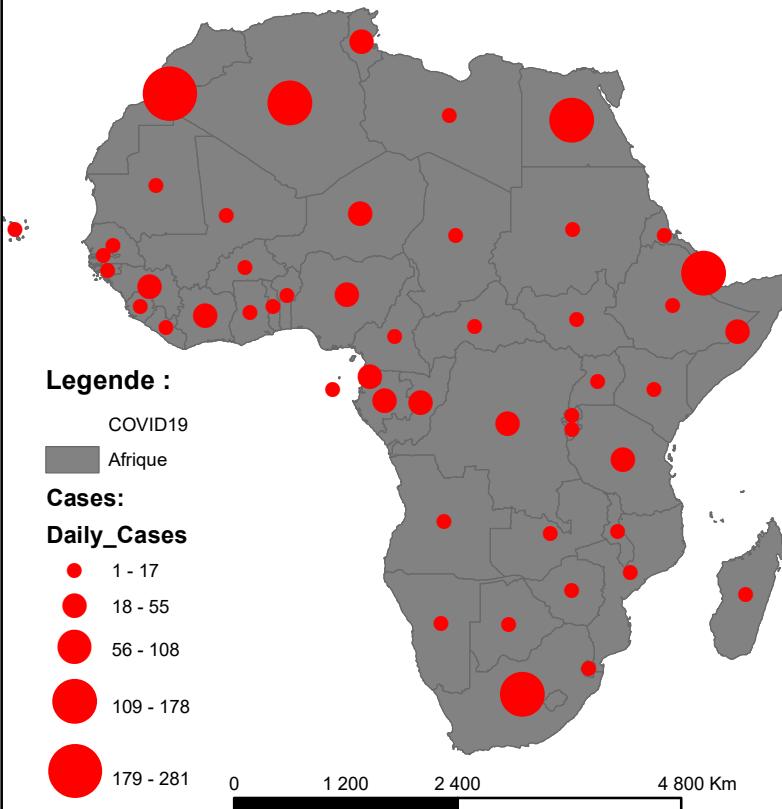
# cartes de l'état d'infection : journalier et cumul: 16/04/20

cas journaliere :1168.0 cas cumulé :18036.0



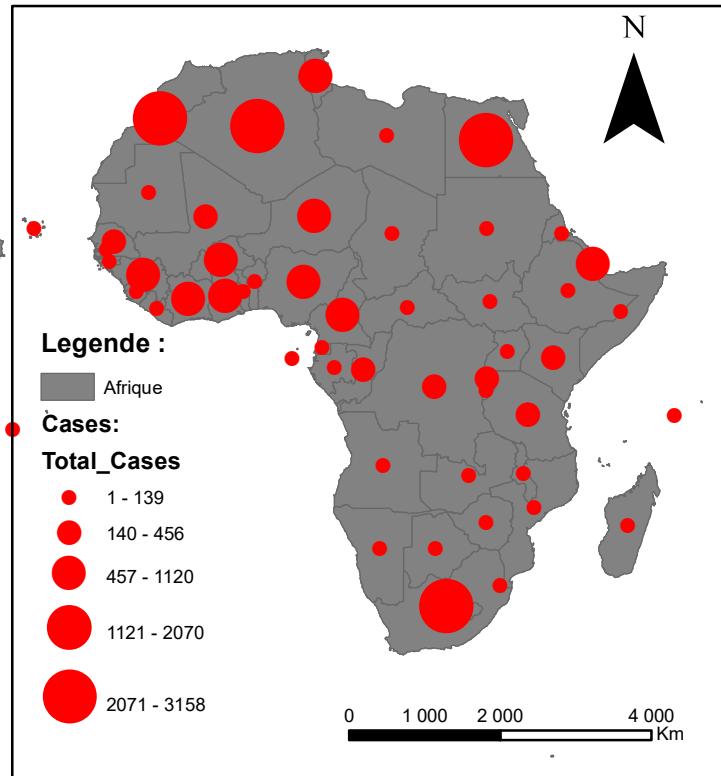
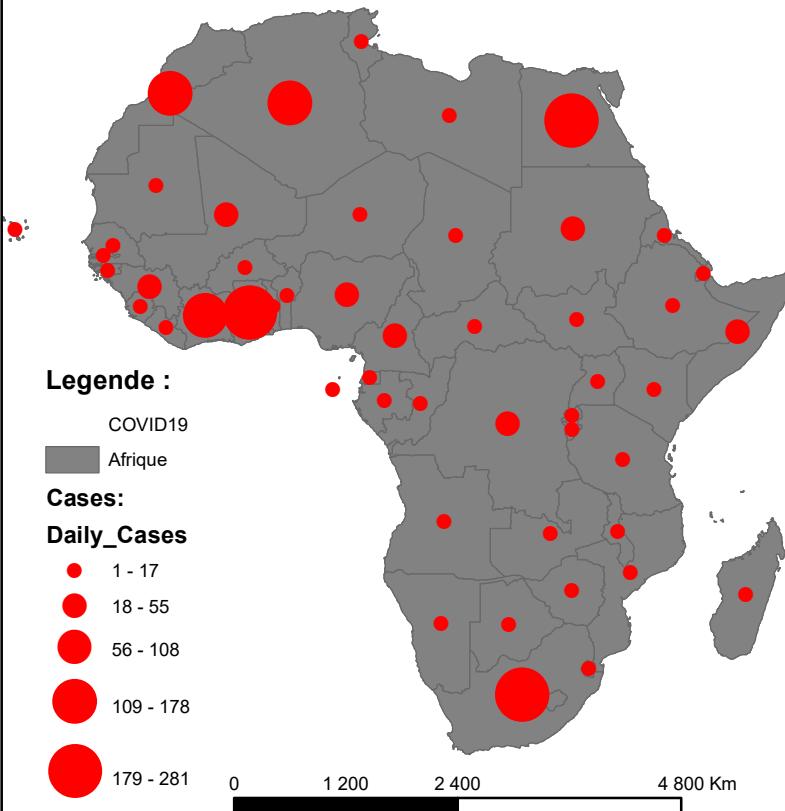
# cartes de l'état d'infection : journalier et cumul: 17/04/20

cas journaliere :1407.0 cas cumulé :19443.0



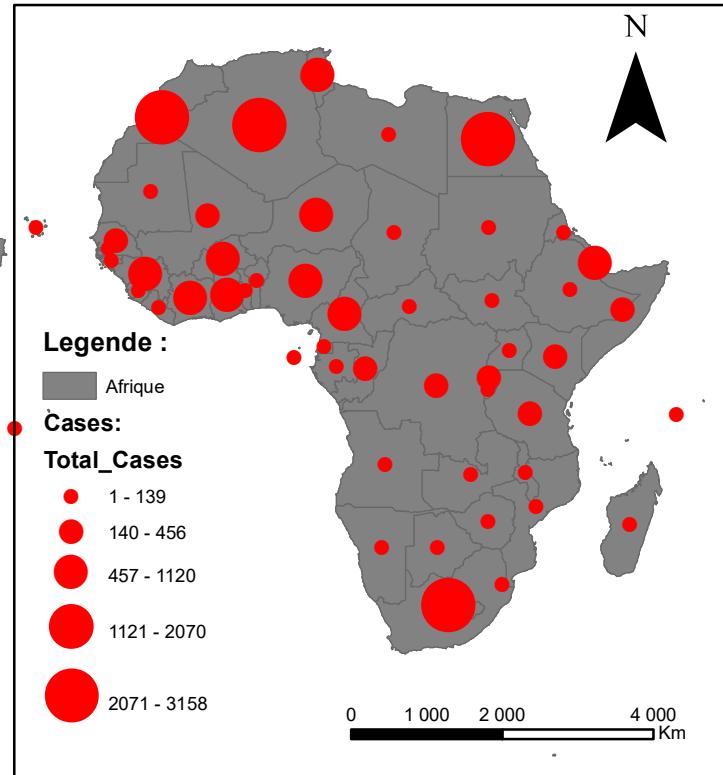
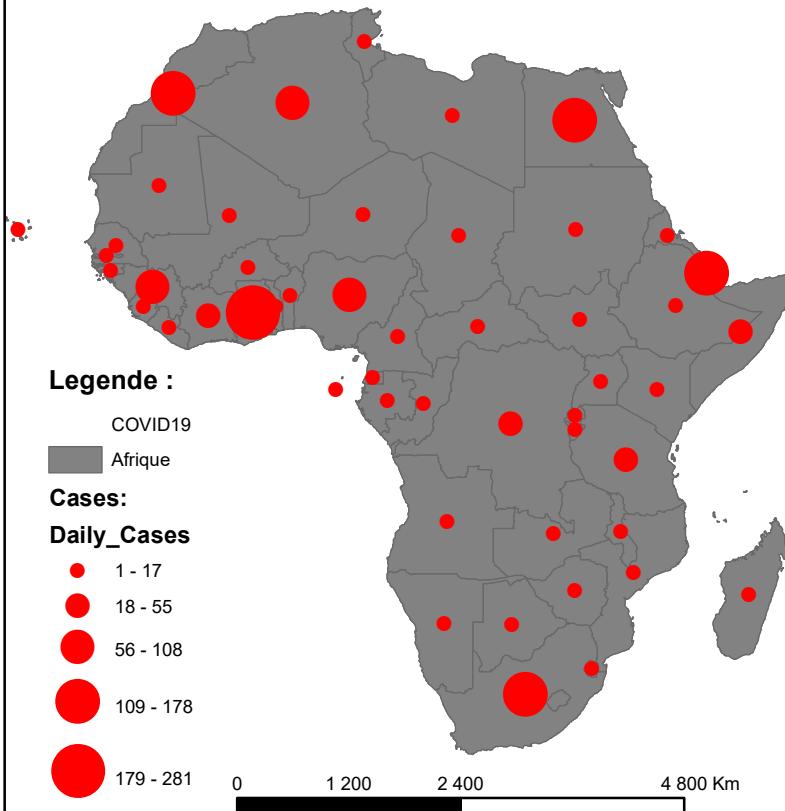
# cartes de l'état d'infection : journalier et cumul: 18/04/20

cas journaliere :1304.0 cas cumulé :20747.0



# cartes de l'état d'infection : journalier et cumul: 19/04/20

cas journaliere :1206.0 cas cumulé :21953.0





La réalisation de ce projet nous a permis de bien maîtrisé les différentes techniques étudiées, apprendre des nouvelles techniques, se situant dans un cadre professionnel de travail et le point le plus important c'est d'apprendre les méthodes pour gérer dans un deadline à respecter.



Finalement, nous aimerons bien remercier notre encadrant Mr FADIL HAMID, qui nous a formé et accompagné tout au long de la préparation de ce projet avec beaucoup de patience et de pédagogie. Qu'il retrouve ici nos profondes gratitude pour leur disponibilité, leurs directives précieuses et leur aide durant notre formation.