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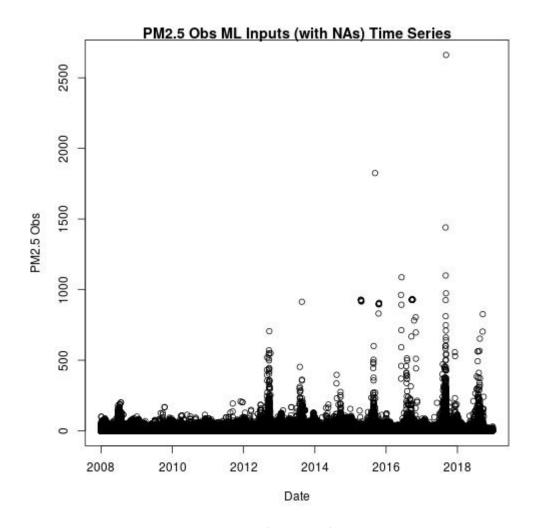


Figure 1: ML Inputs (with NAs) Time Series

0.1 ML Inputs (with NAs) Time Series Images

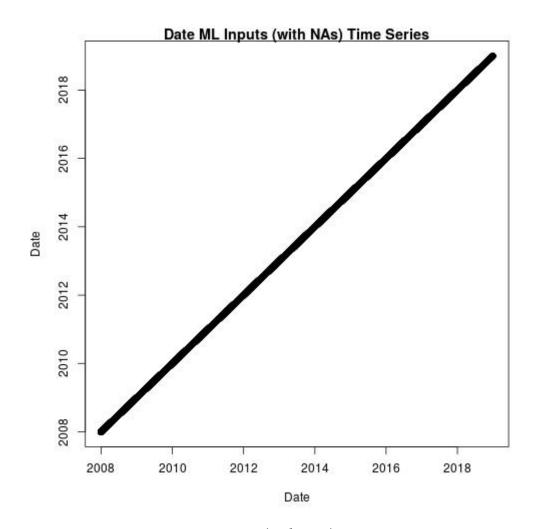


Figure 2: ML Inputs (with NAs) Time Series

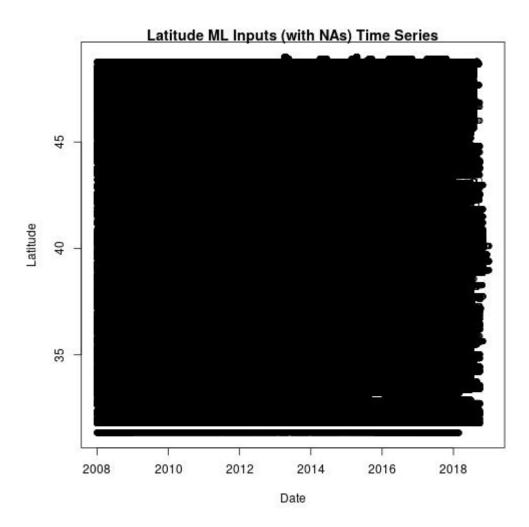


Figure 3: ML Inputs (with NAs) Time Series

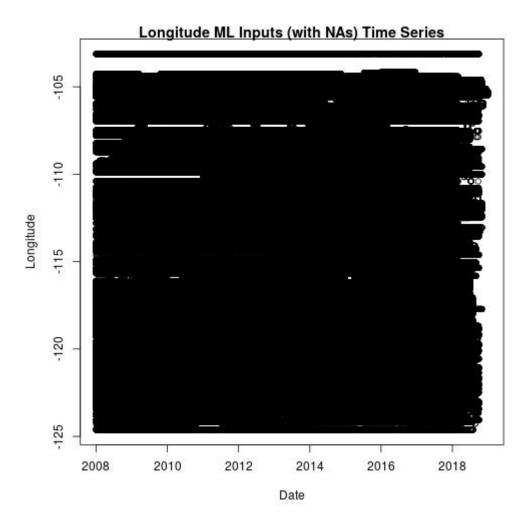


Figure 4: ML Inputs (with NAs) Time Series

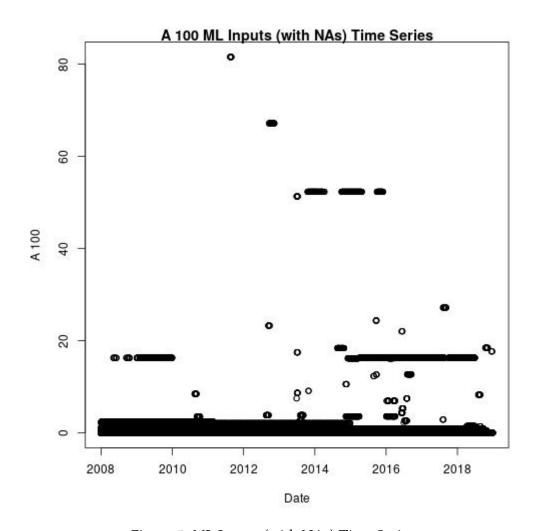


Figure 5: ML Inputs (with NAs) Time Series

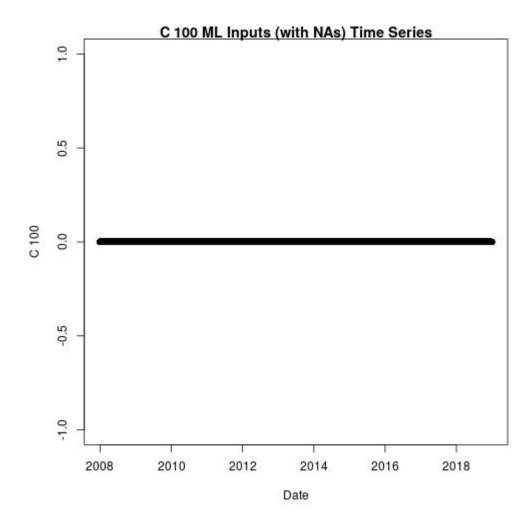


Figure 6: ML Inputs (with NAs) Time Series

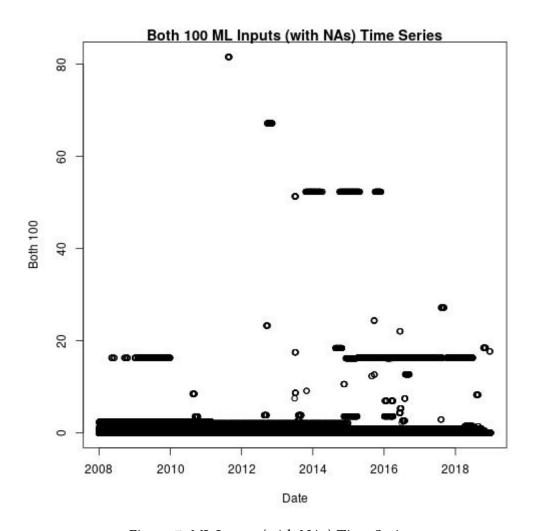


Figure 7: ML Inputs (with NAs) Time Series

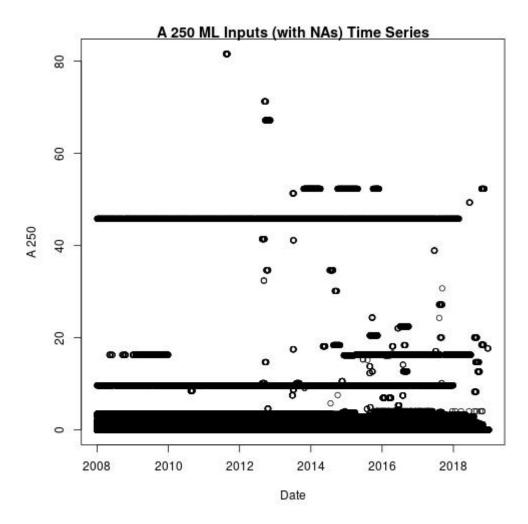


Figure 8: ML Inputs (with NAs) Time Series

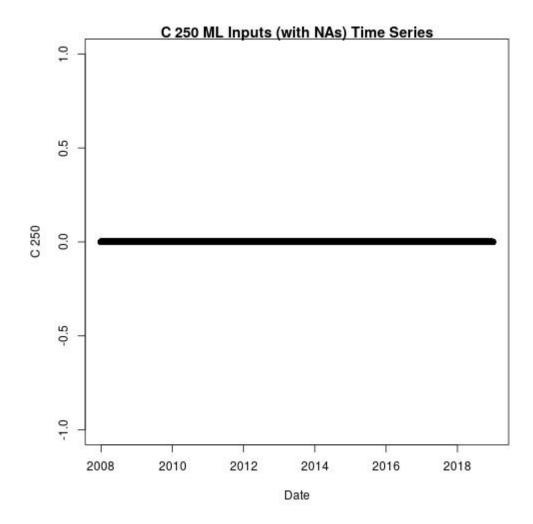


Figure 9: ML Inputs (with NAs) Time Series

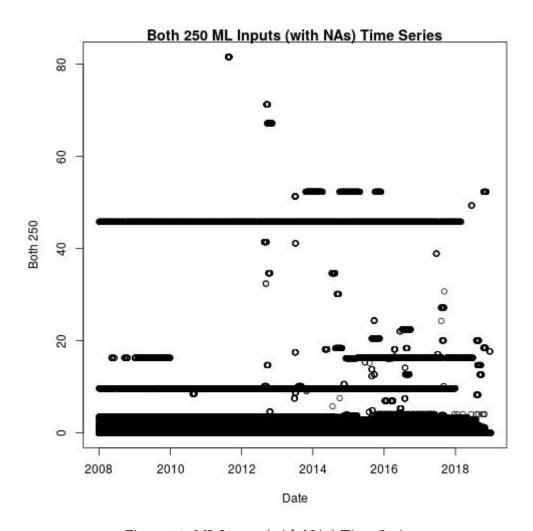


Figure 10: ML Inputs (with NAs) Time Series

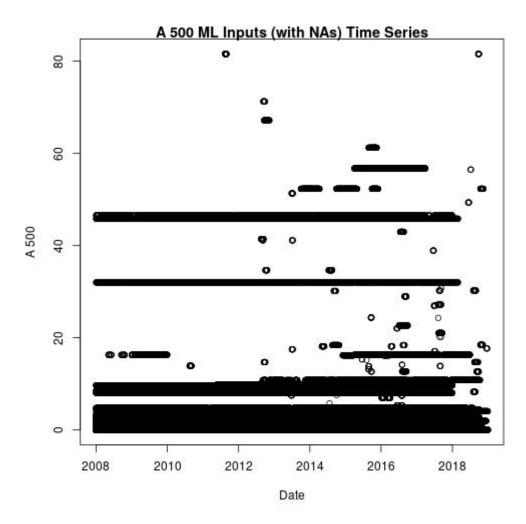


Figure 11: ML Inputs (with NAs) Time Series

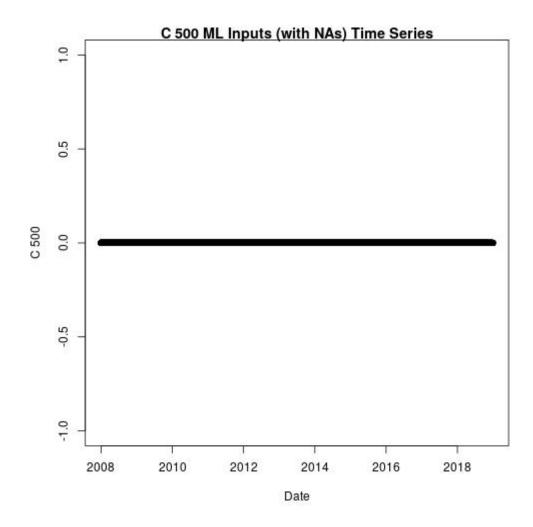


Figure 12: ML Inputs (with NAs) Time Series

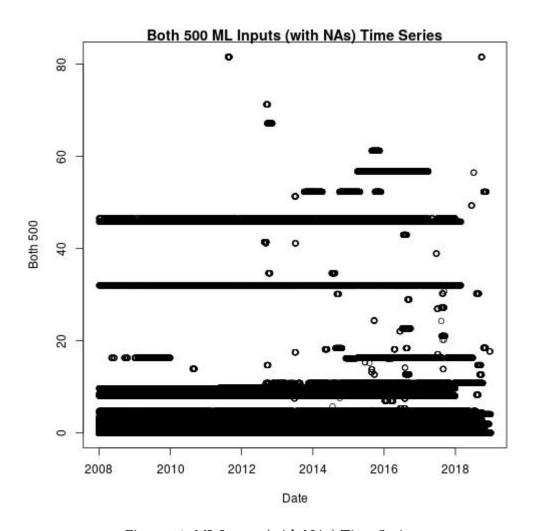


Figure 13: ML Inputs (with NAs) Time Series

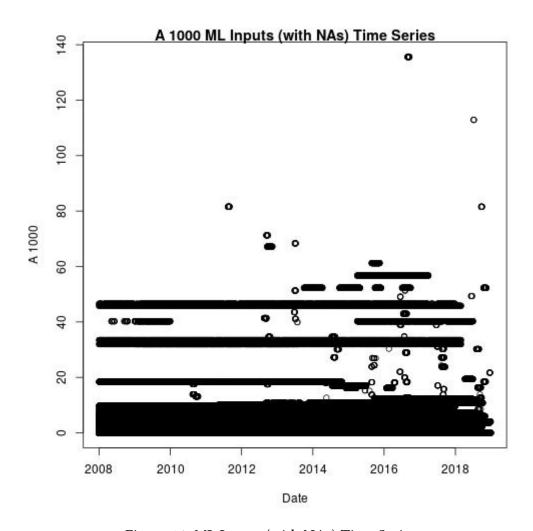


Figure 14: ML Inputs (with NAs) Time Series

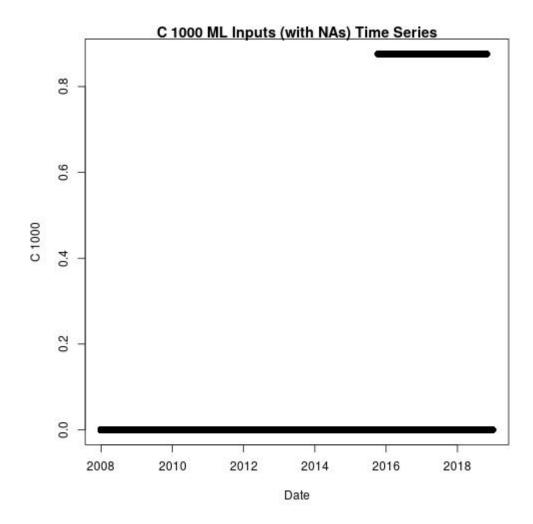


Figure 15: ML Inputs (with NAs) Time Series

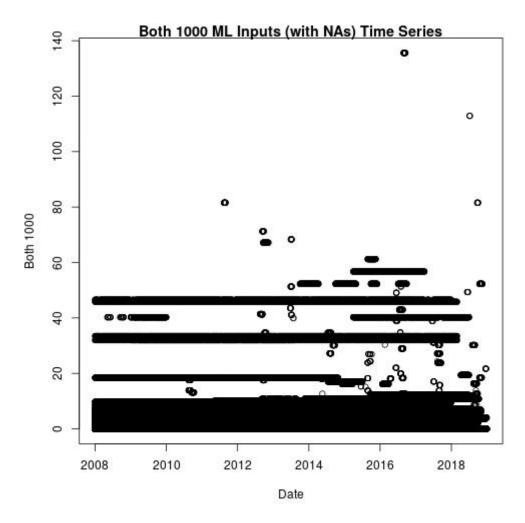


Figure 16: ML Inputs (with NAs) Time Series

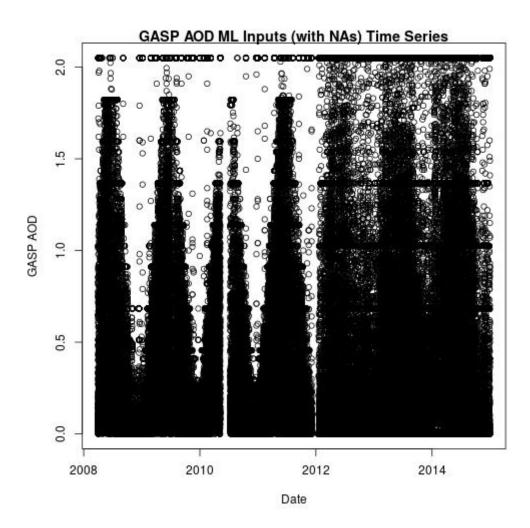


Figure 17: ML Inputs (with NAs) Time Series

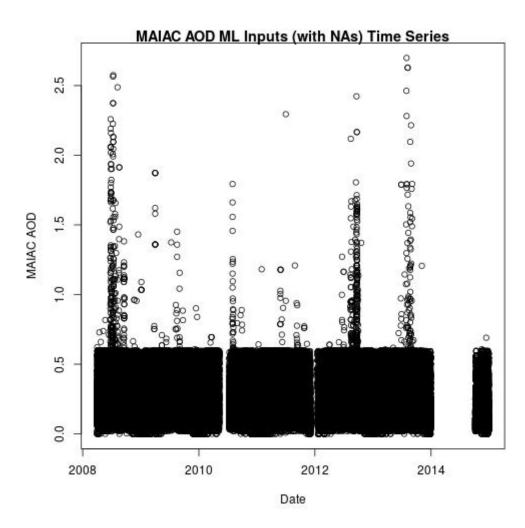


Figure 18: ML Inputs (with NAs) Time Series

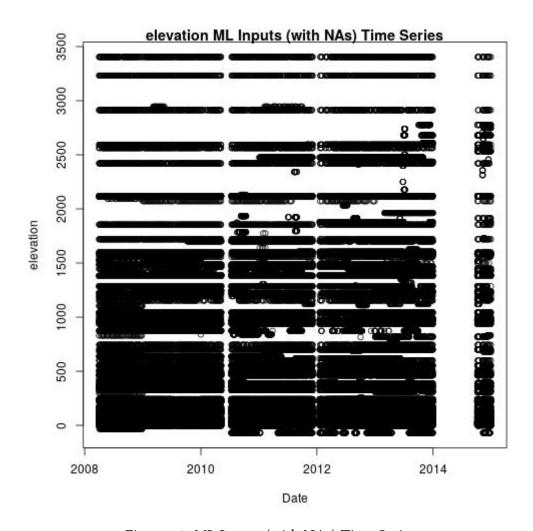


Figure 19: ML Inputs (with NAs) Time Series

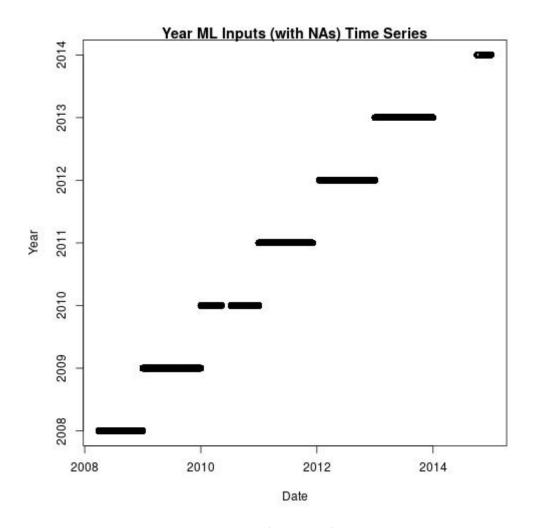


Figure 20: ML Inputs (with NAs) Time Series

- 0.2 ML Inputs (with NAs) Plot against PM2.5 Obs Images
- 0.3 ML Inputs (with NAs) Map subset of days Images

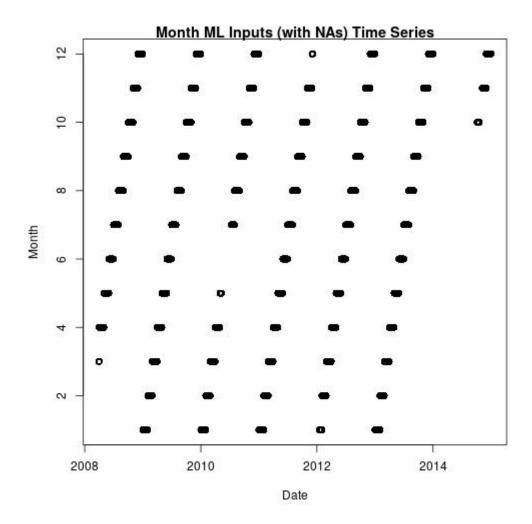


Figure 21: ML Inputs (with NAs) Time Series

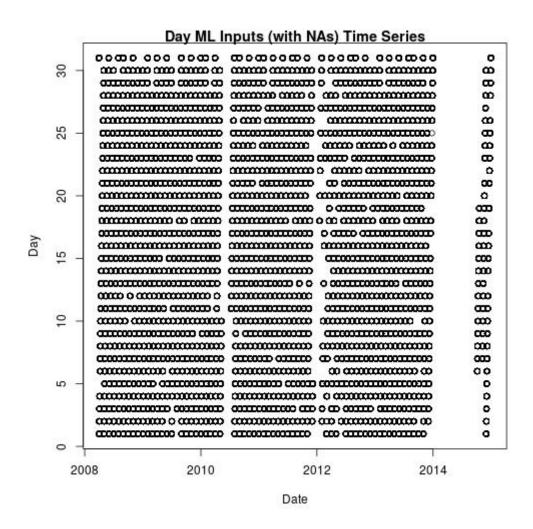


Figure 22: ML Inputs (with NAs) Time Series

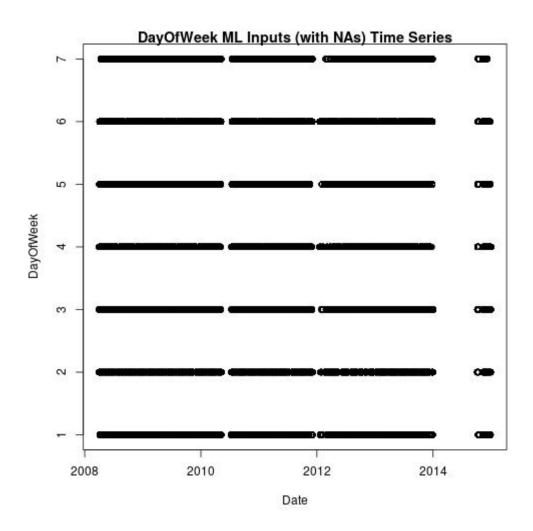


Figure 23: ML Inputs (with NAs) Time Series

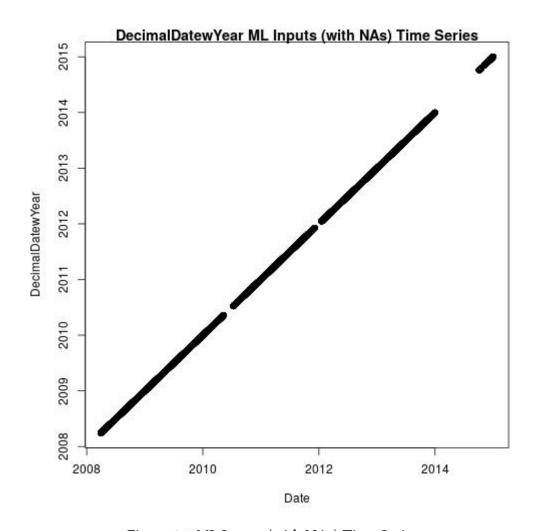


Figure 24: ML Inputs (with NAs) Time Series

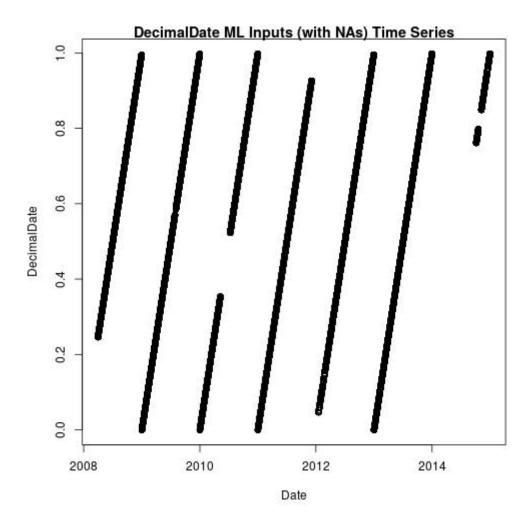


Figure 25: ML Inputs (with NAs) Time Series

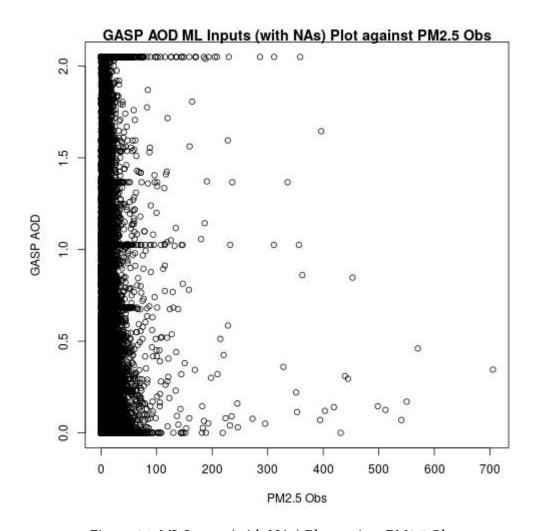


Figure 26: ML Inputs (with NAs) Plot against PM2.5 Obs

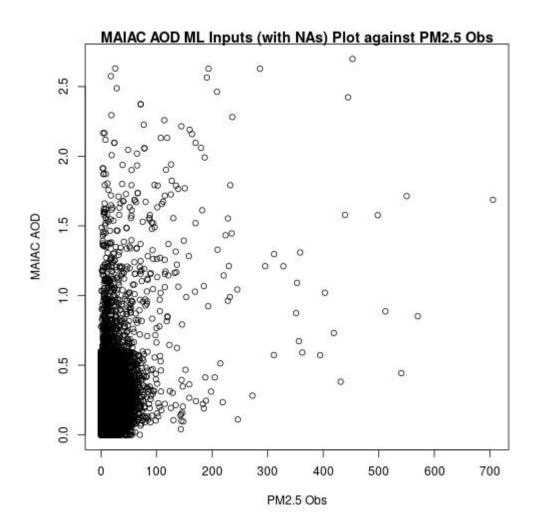


Figure 27: ML Inputs (with NAs) Plot against PM2.5 Obs

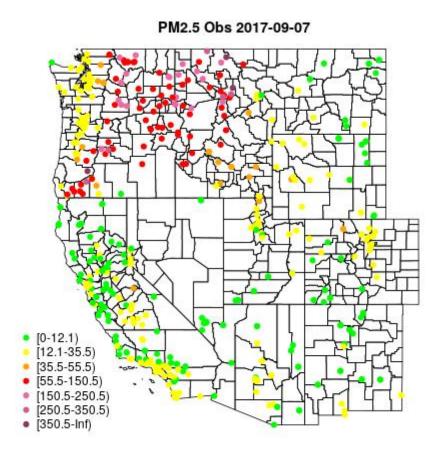


Figure 28: PM2.5 Obs 2017-09-07

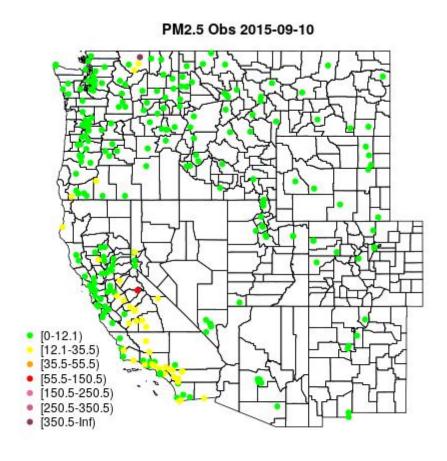


Figure 29: PM2.5 Obs 2015-09-10

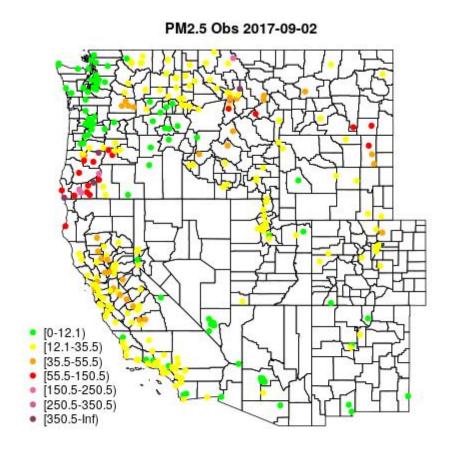


Figure 30: PM2.5 Obs 2017-09-02

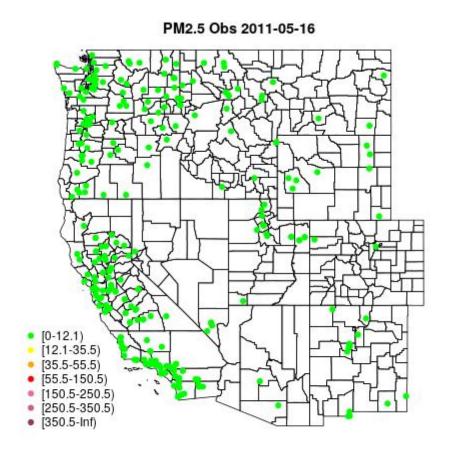


Figure 31: PM2.5 Obs 2011-05-16

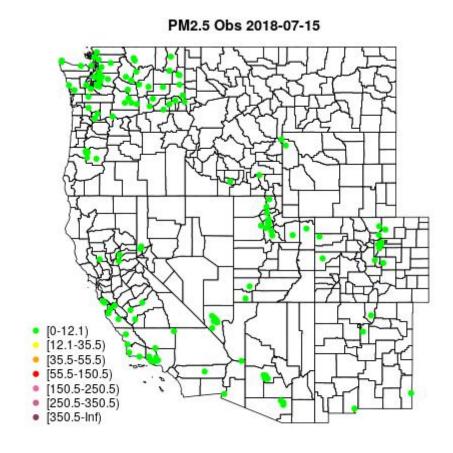


Figure 32: PM2.5 Obs 2018-07-15

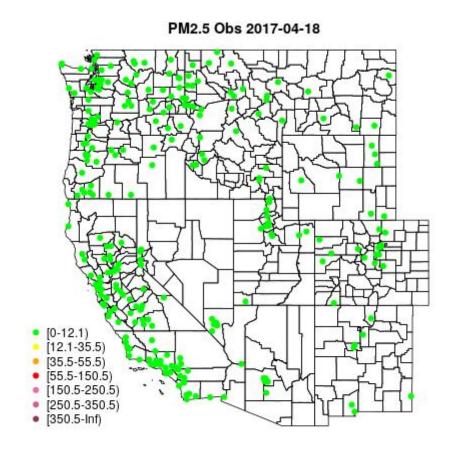


Figure 33: PM2.5 Obs 2017-04-18

[0-0.03125] [0.03125-0.22177+779102325] [0.227777779102325, 0.7966666817665] [0.79666668176651-2.64999995231628-lnft]

Figure 34: GASP AOD 2017-09-07

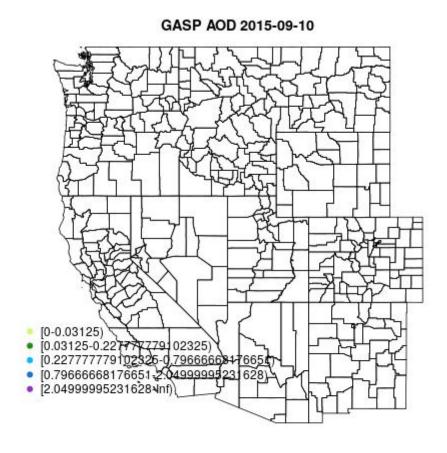


Figure 35: GASP AOD 2015-09-10

[0-0.03125) [0.03125-0.22777779 02325) [0.227777779 102825-0.79666668 176651 [0.79666668176651-20499999523 628] [2.04999995231628 Inf)

Figure 36: GASP AOD 2017-09-02

GASP AOD 2011-05-16

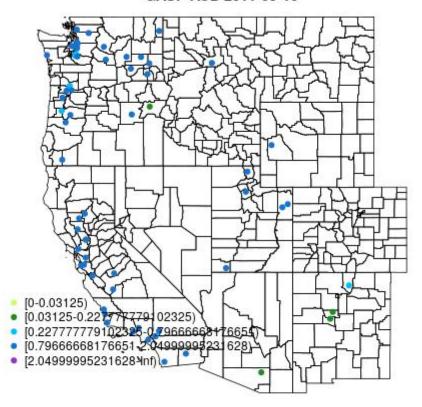


Figure 37: GASP AOD 2011-05-16

0.4 ML Inputs (with NAs) Map monthly medians Images

GASP AOD 2018-07-15 [0-0.03125) [0.03125-0.22177779 02325) [0.227777779 102325 0.796666684 6655] [0.79666668176651 2.04999995231628 \(\text{Infi} \) [2.04999995231628 \(\t

Figure 38: GASP AOD 2018-07-15

[0-0.03125) [0.03125-0.22777779] 02325) [0.227777779 to 2826-0.796666663476651] [0.79666668176651] 2049999995231628 Jinfy

Figure 39: GASP AOD 2017-04-18

Figure 40: MAIAC AOD 2017-09-07

Figure 41: MAIAC AOD 2015-09-10

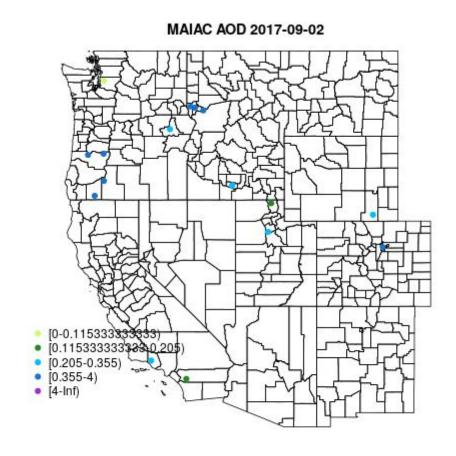


Figure 42: MAIAC AOD 2017-09-02

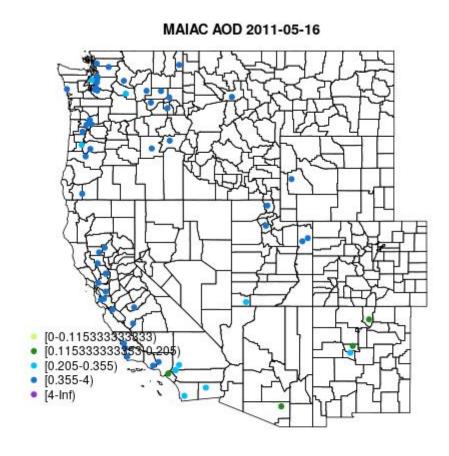


Figure 43: MAIAC AOD 2011-05-16

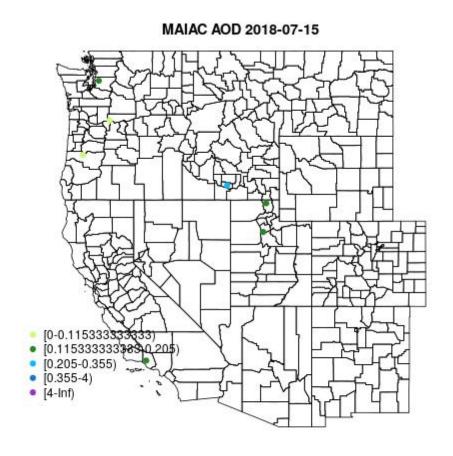


Figure 44: MAIAC AOD 2018-07-15

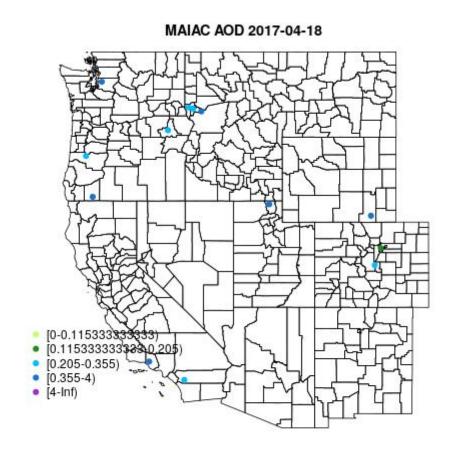


Figure 45: MAIAC AOD 2017-04-18

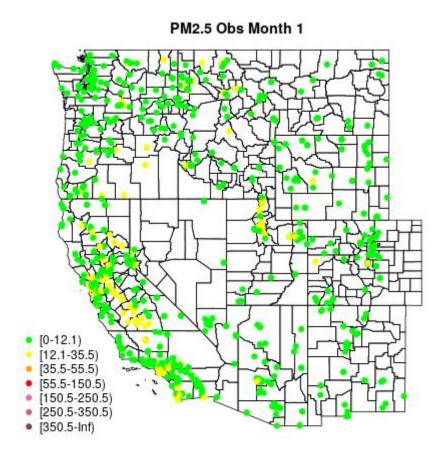


Figure 46: PM2.5 Obs Month 1

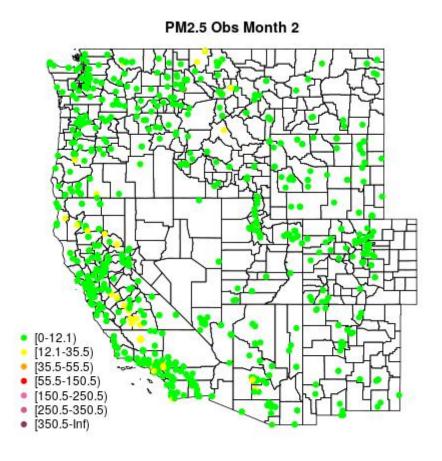


Figure 47: PM2.5 Obs Month 2

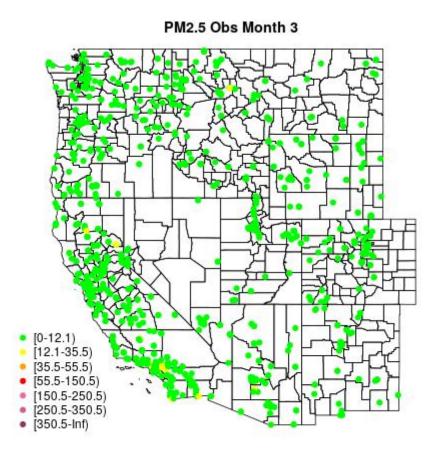


Figure 48: PM2.5 Obs Month 3

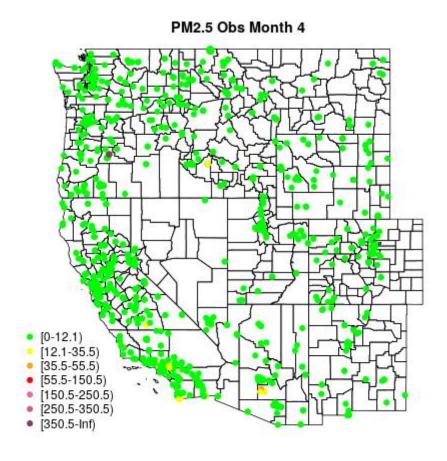


Figure 49: PM2.5 Obs Month 4

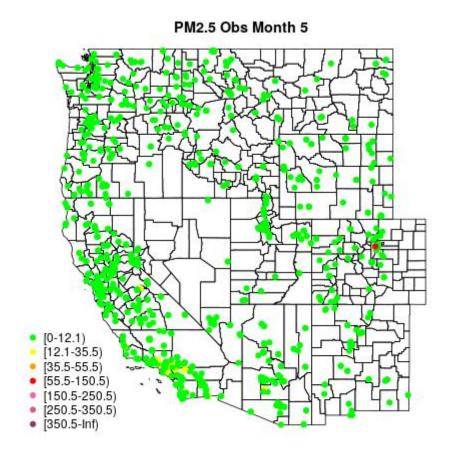


Figure 50: PM2.5 Obs Month 5

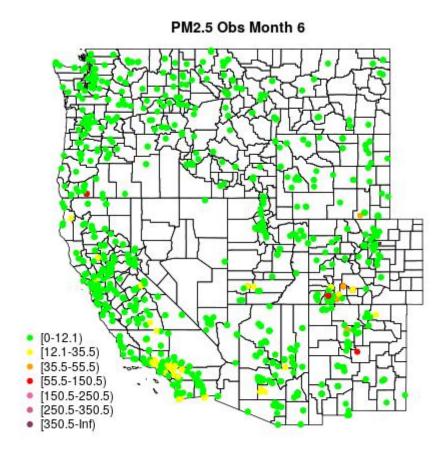


Figure 51: PM2.5 Obs Month 6

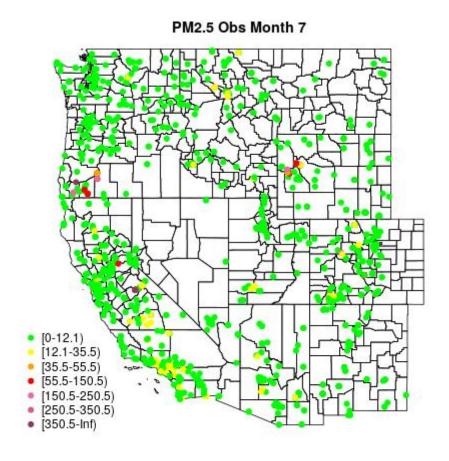


Figure 52: PM2.5 Obs Month 7

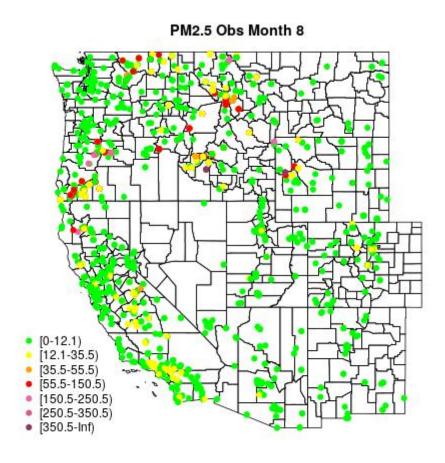


Figure 53: PM2.5 Obs Month 8

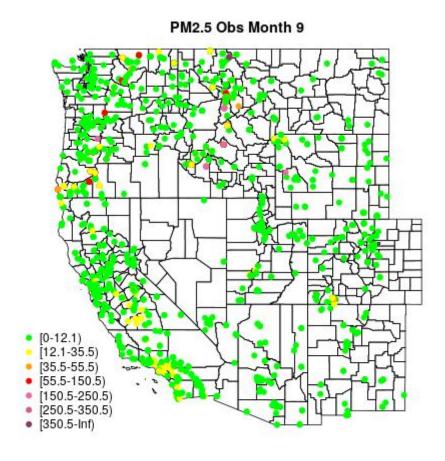


Figure 54: PM2.5 Obs Month 9

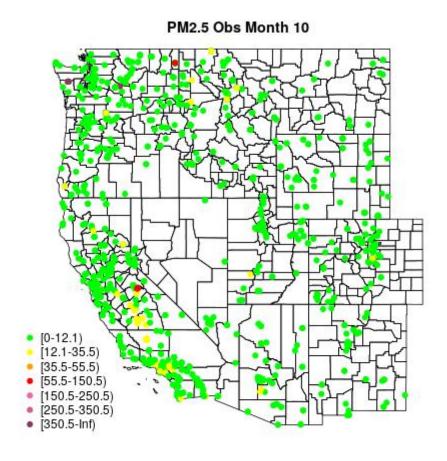


Figure 55: PM2.5 Obs Month 10

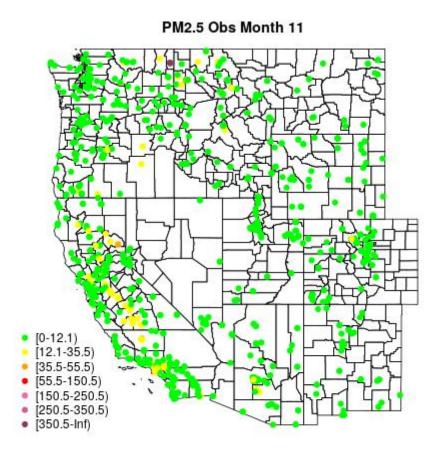


Figure 56: PM2.5 Obs Month 11

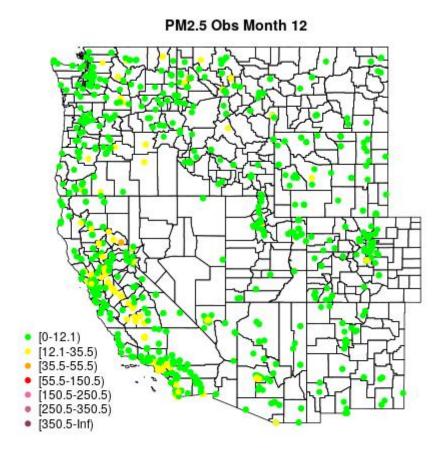


Figure 57: PM2.5 Obs Month 12

[0-0.03125] [0.03125-0.22 1677779 02325] [0.227777779192325 0.7966660817665] [0.79666668176661 2.04999995231628-lnft]

Figure 58: GASP AOD Month 1

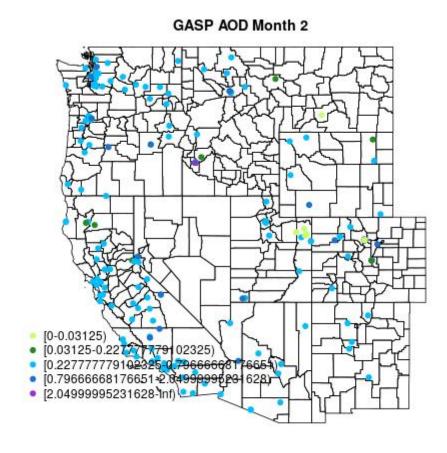


Figure 59: GASP AOD Month 2

Figure 60: GASP AOD Month 3

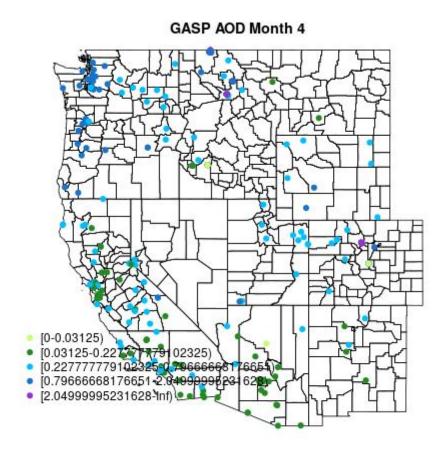


Figure 61: GASP AOD Month 4

[0-0.03125] [0.03125-0.22777779102325] [0.227777779102325 0.79666668176655] [0.79666668176651-2.84999995231628-inf)

Figure 62: GASP AOD Month 5

[0-0.03125] [0.03125-0.22777779102325] [0.227777779192325 0.7966666817665] [0.79666668176651-2.84999995231628-lnf]

Figure 63: GASP AOD Month 6

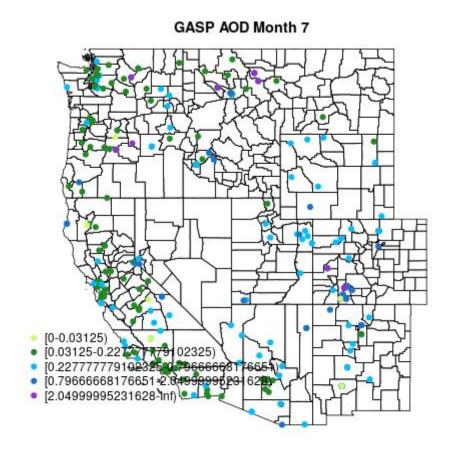


Figure 64: GASP AOD Month 7

[0-0.03125) [0.03125-0.2217-779-02325) [0.2277777791023250479666693176655] [0.79666668176651-2.04999995231628-lnf)

Figure 65: GASP AOD Month 8

[0-0.03125] [0.03125-0.22177-779-02325] [0.227777779192325-0.2966668176651-2.84999995231628-inf)

Figure 66: GASP AOD Month 9

[0-0.03125) [0.03125-0.22777779-02325] [0.227777779102325-0.79666668176655] [0.79666668176651-2.84999995231628-inf)

Figure 67: GASP AOD Month 10

[0-0.03125] [0.03125-0.22777779 02325] [0.227777779102325 0.79666668176651-2.04999995231628-inf)

Figure 68: GASP AOD Month 11

[0-0.03125] [0.03125-0.22777779102325] [0.227777779102325 0,79666608176655] [0.7966666817666132.04999995231628-inf)

Figure 69: GASP AOD Month 12

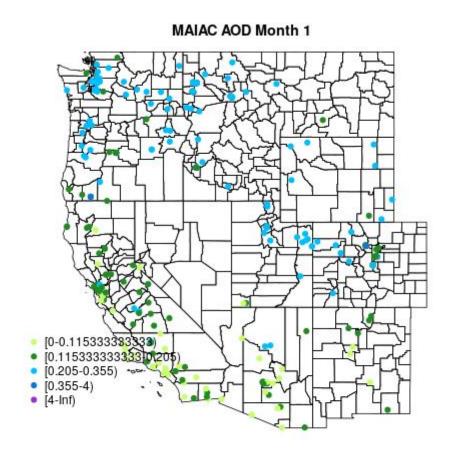


Figure 70: MAIAC AOD Month 1

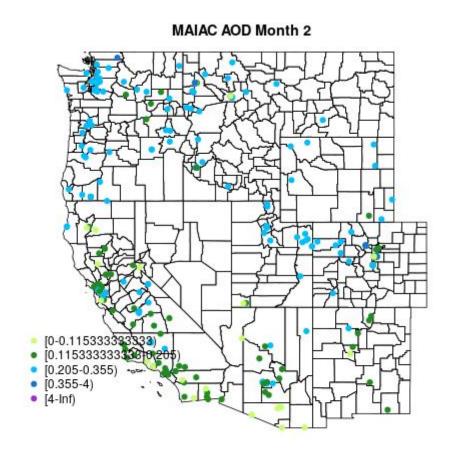


Figure 71: MAIAC AOD Month 2

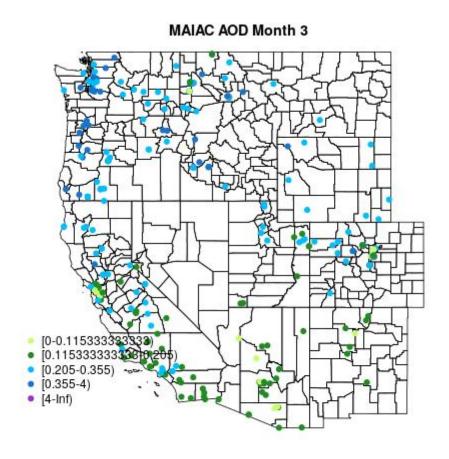


Figure 72: MAIAC AOD Month 3

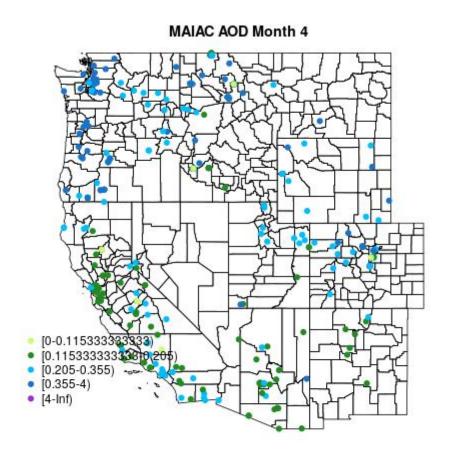


Figure 73: MAIAC AOD Month 4

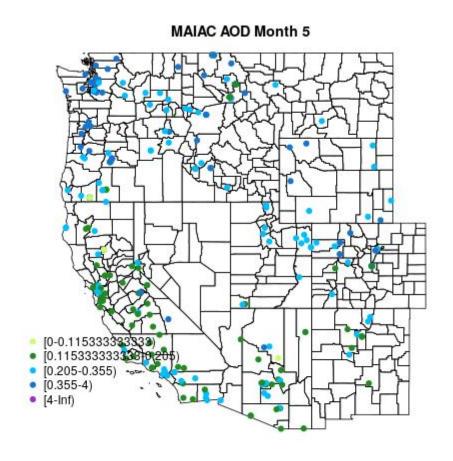


Figure 74: MAIAC AOD Month 5

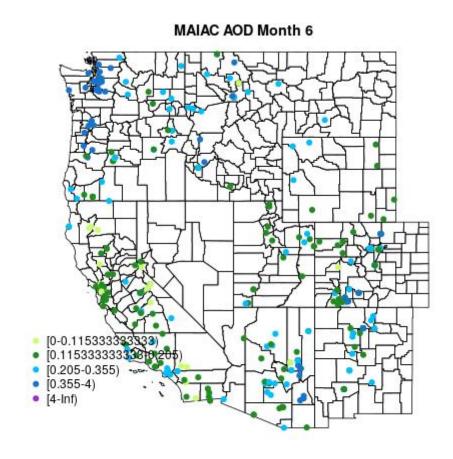


Figure 75: MAIAC AOD Month 6

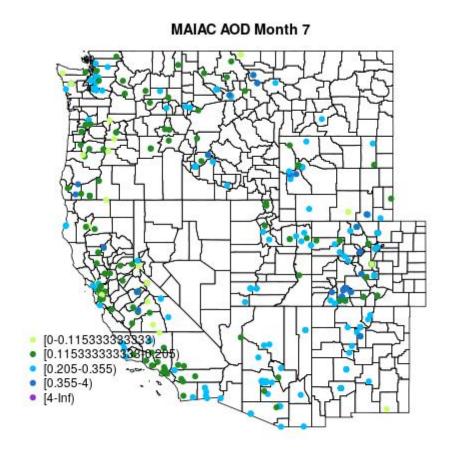


Figure 76: MAIAC AOD Month 7

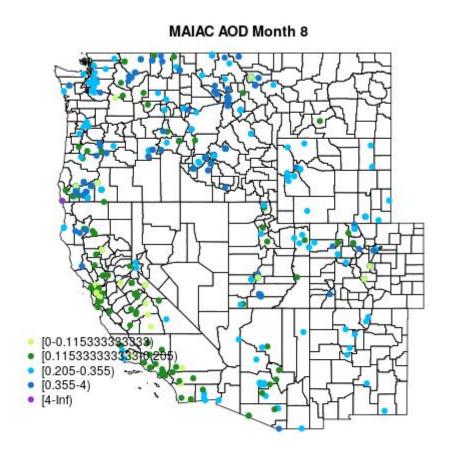


Figure 77: MAIAC AOD Month 8

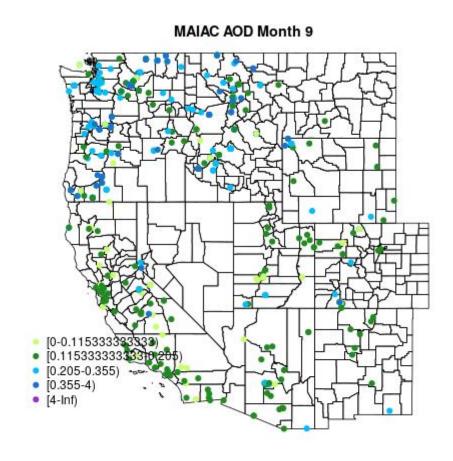


Figure 78: MAIAC AOD Month 9

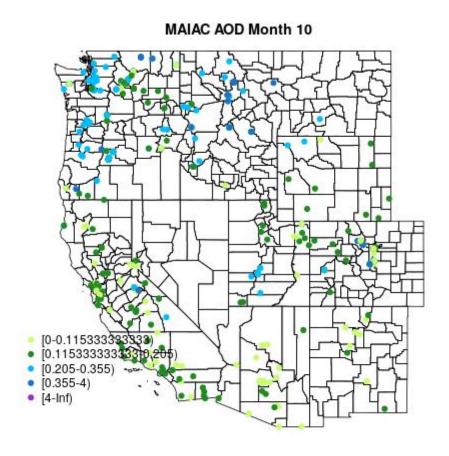


Figure 79: MAIAC AOD Month 10

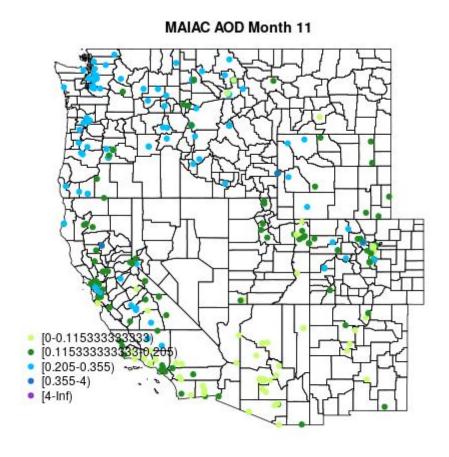


Figure 80: MAIAC AOD Month 11

MAIAC AOD Month 12 [0-0.115333333333] [0.115333333333] [0.115333333333] [0.205-0.355) [0.205-0.355) [0.355-4) [4-inf)

Figure 81: MAIAC AOD Month 12