

## Contents

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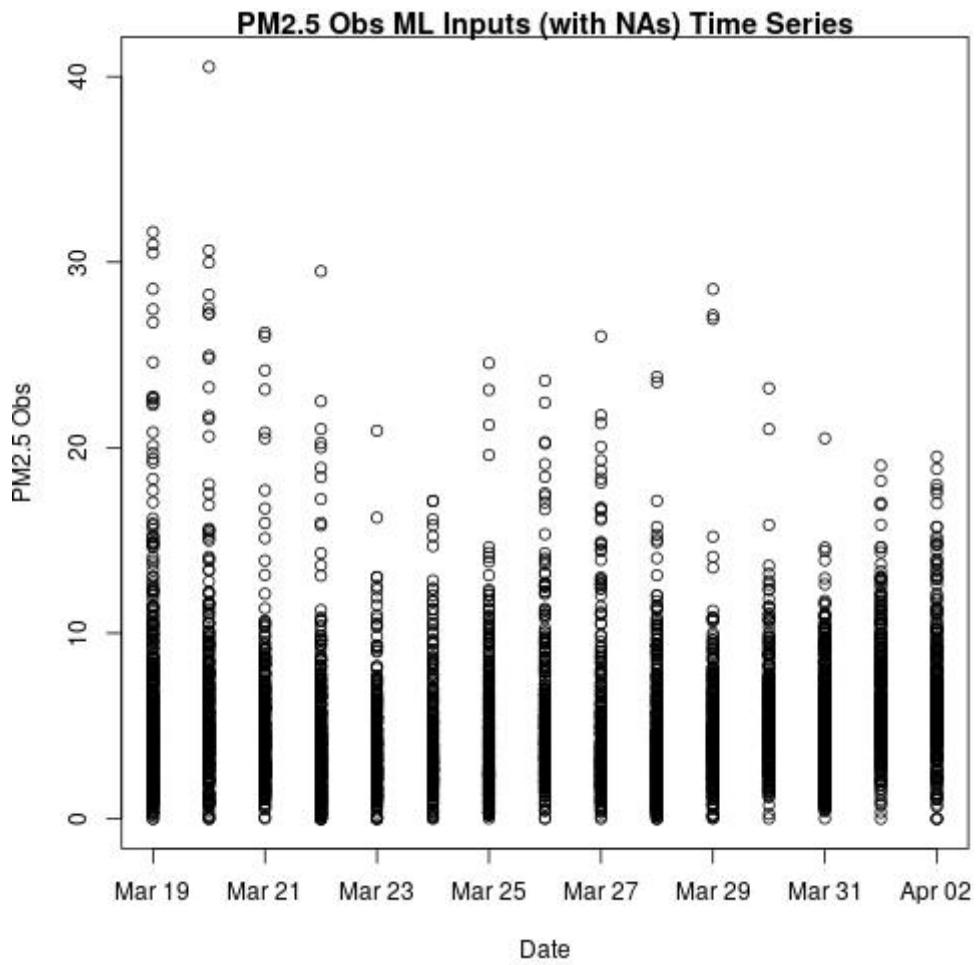


Figure 1: ML Inputs (with NAs) Time Series

## 0.1 ML Inputs (with NAs) Time Series Images

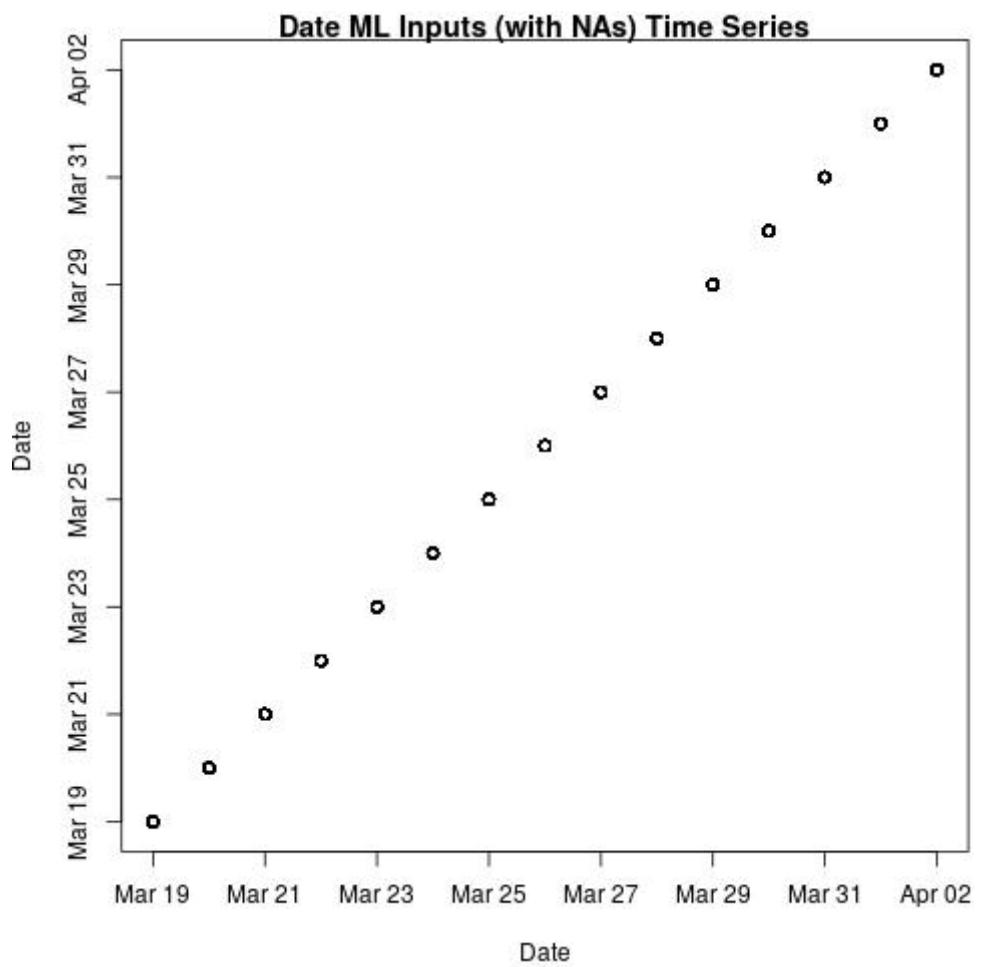


Figure 2: ML Inputs (with NAs) Time Series

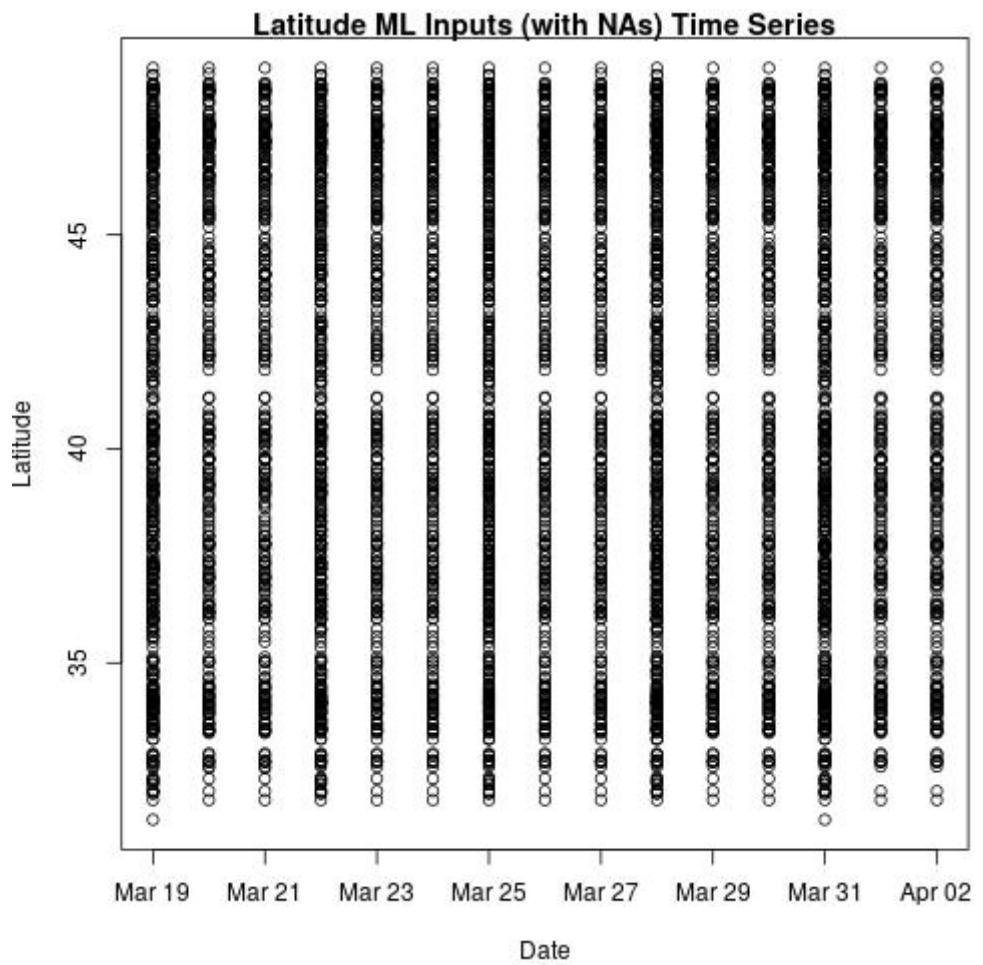


Figure 3: ML Inputs (with NAs) Time Series

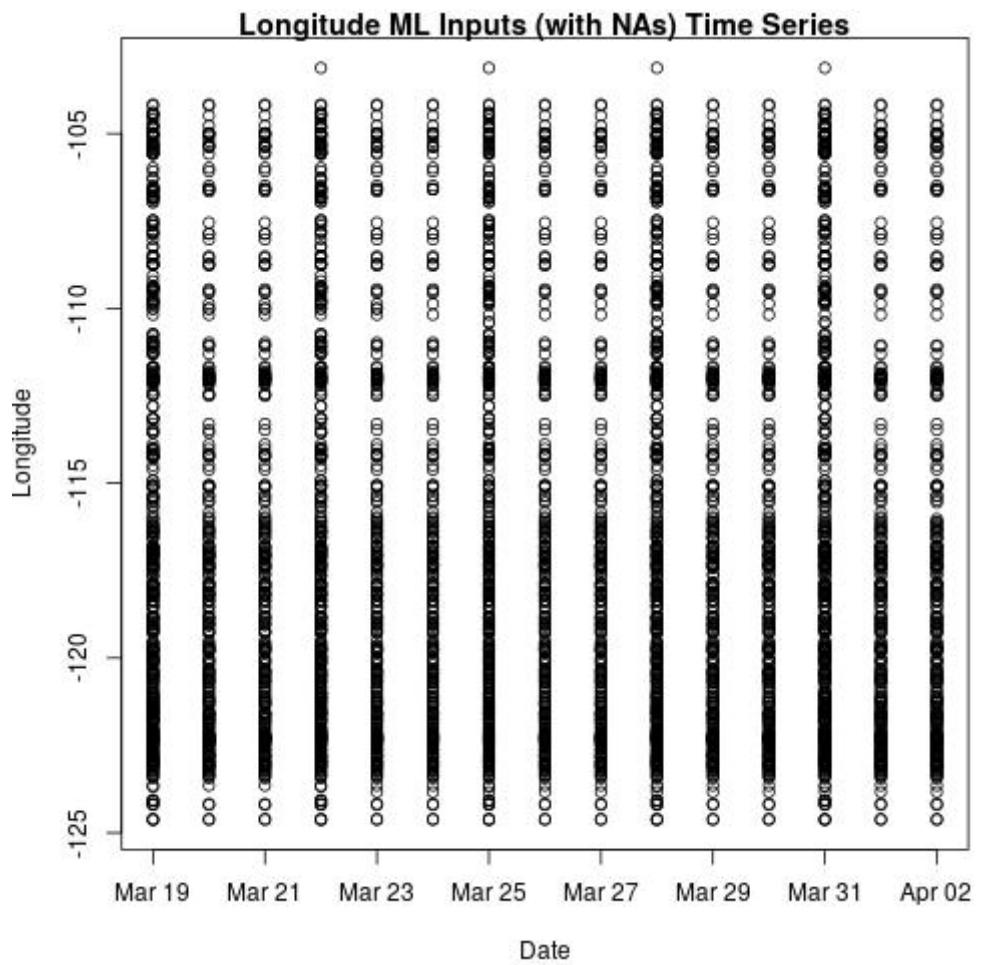


Figure 4: ML Inputs (with NAs) Time Series

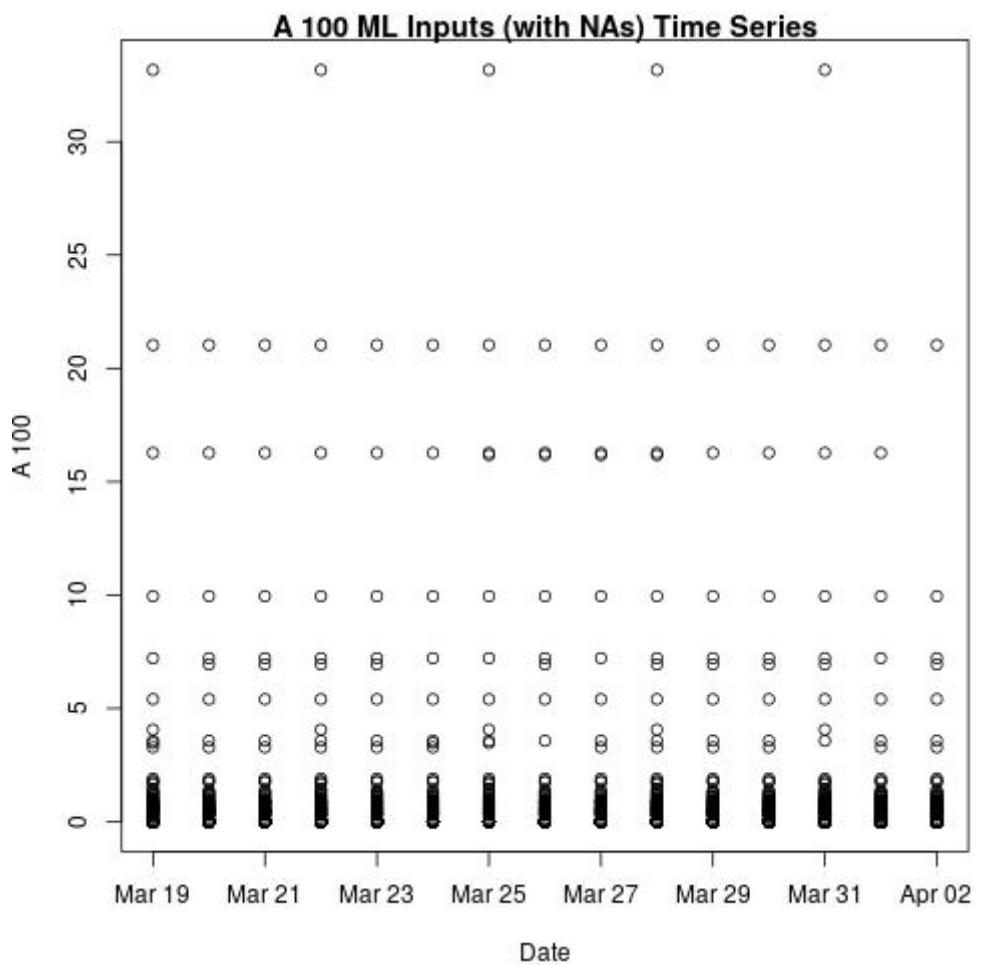


Figure 5: ML Inputs (with NAs) Time Series

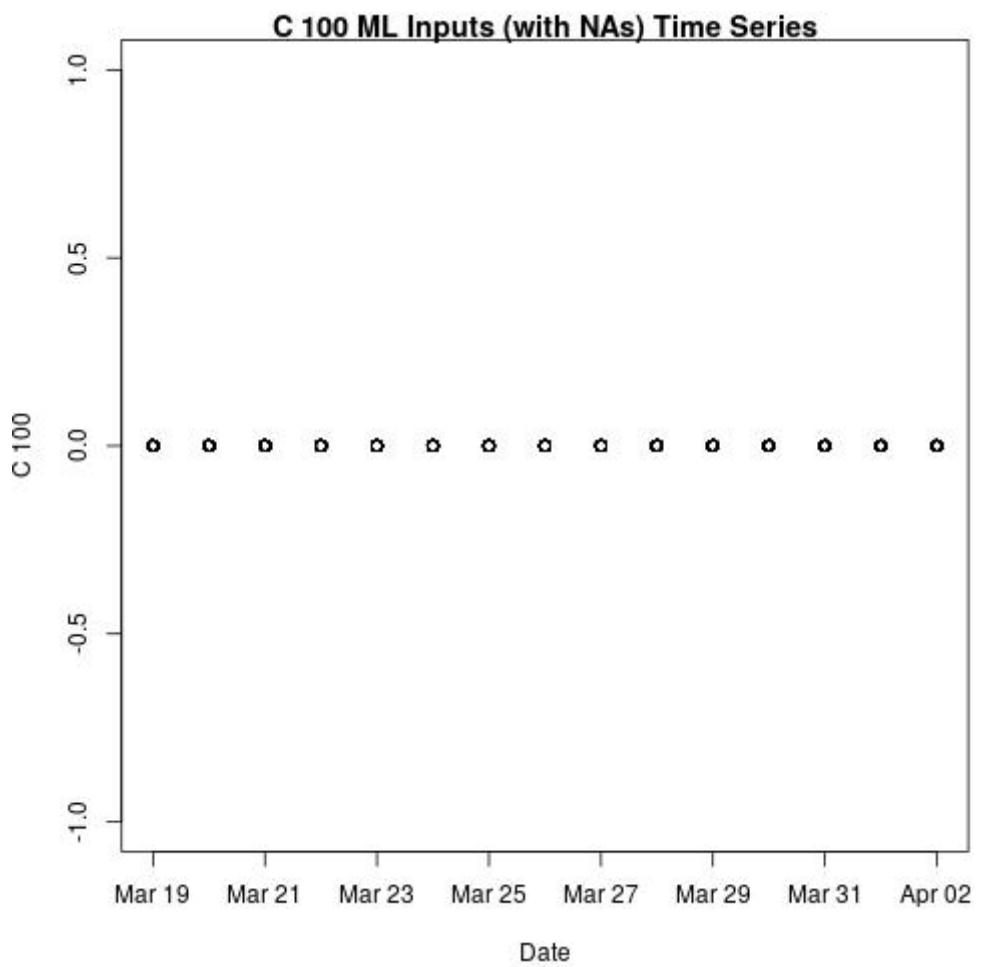


Figure 6: ML Inputs (with NAs) Time Series

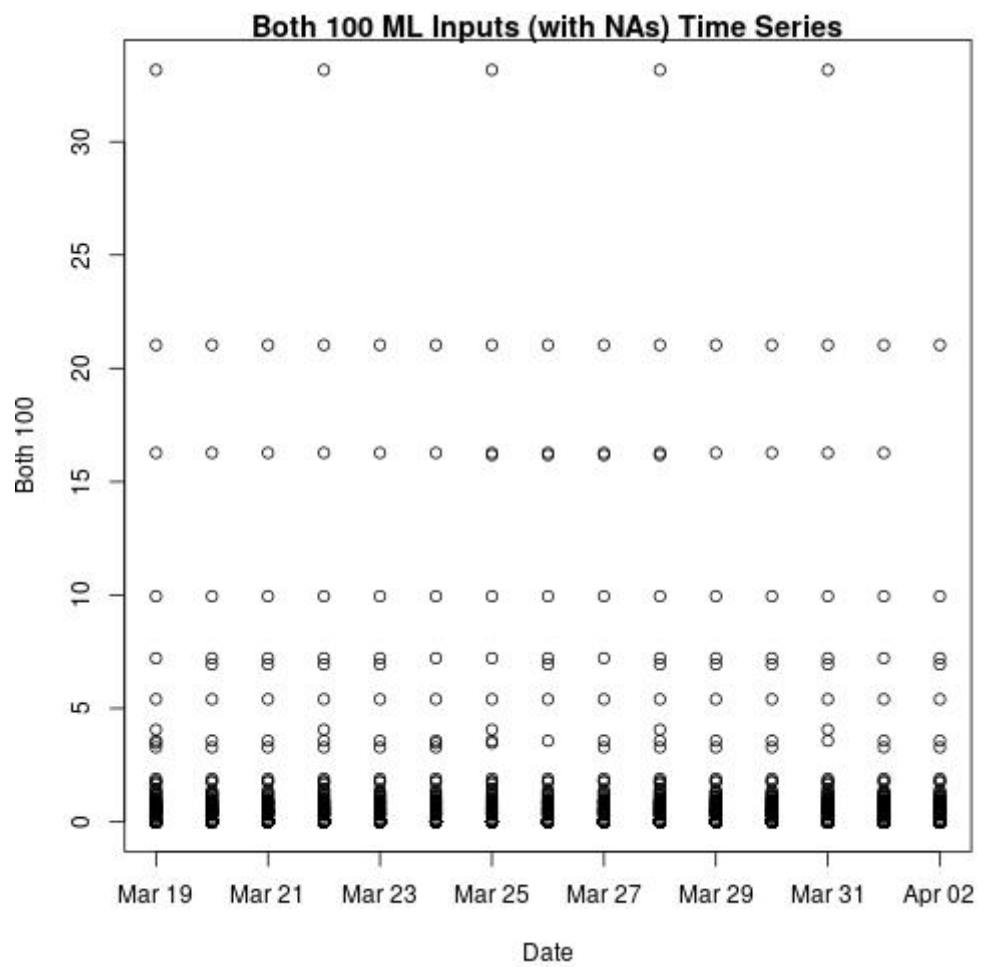


Figure 7: ML Inputs (with NAs) Time Series

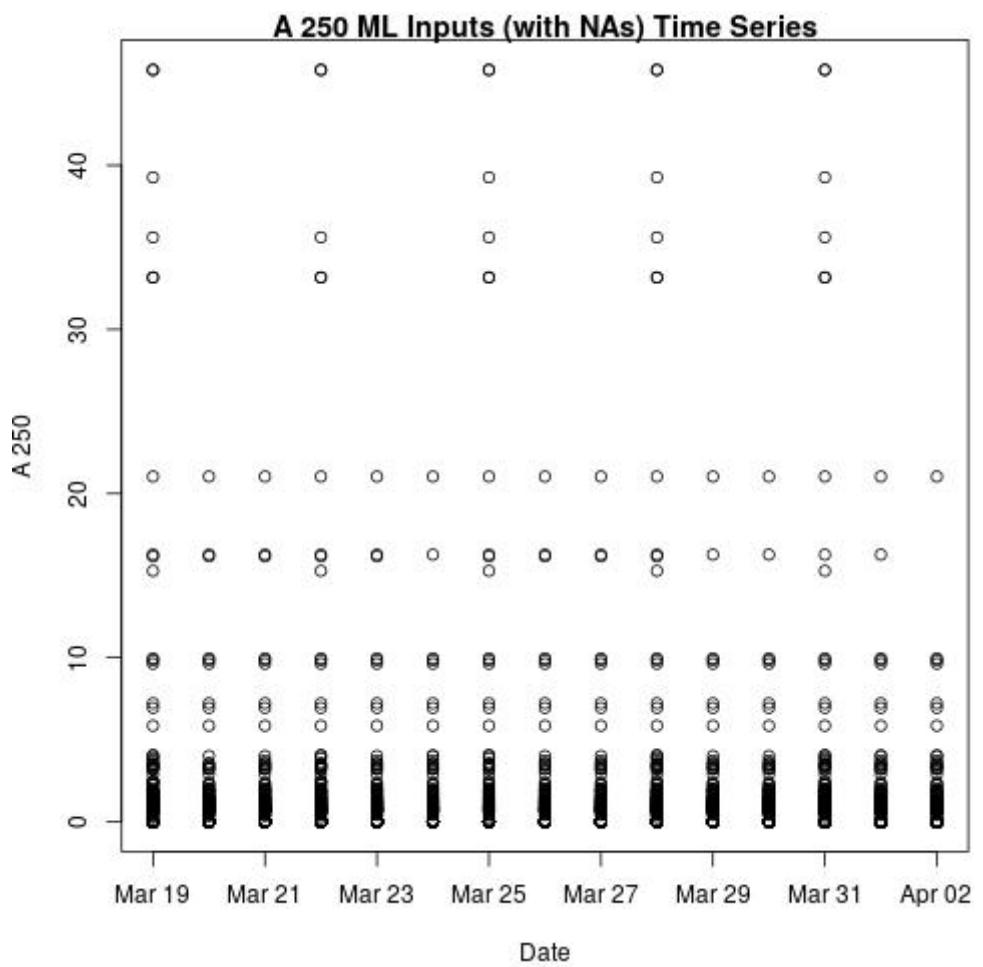


Figure 8: ML Inputs (with NAs) Time Series

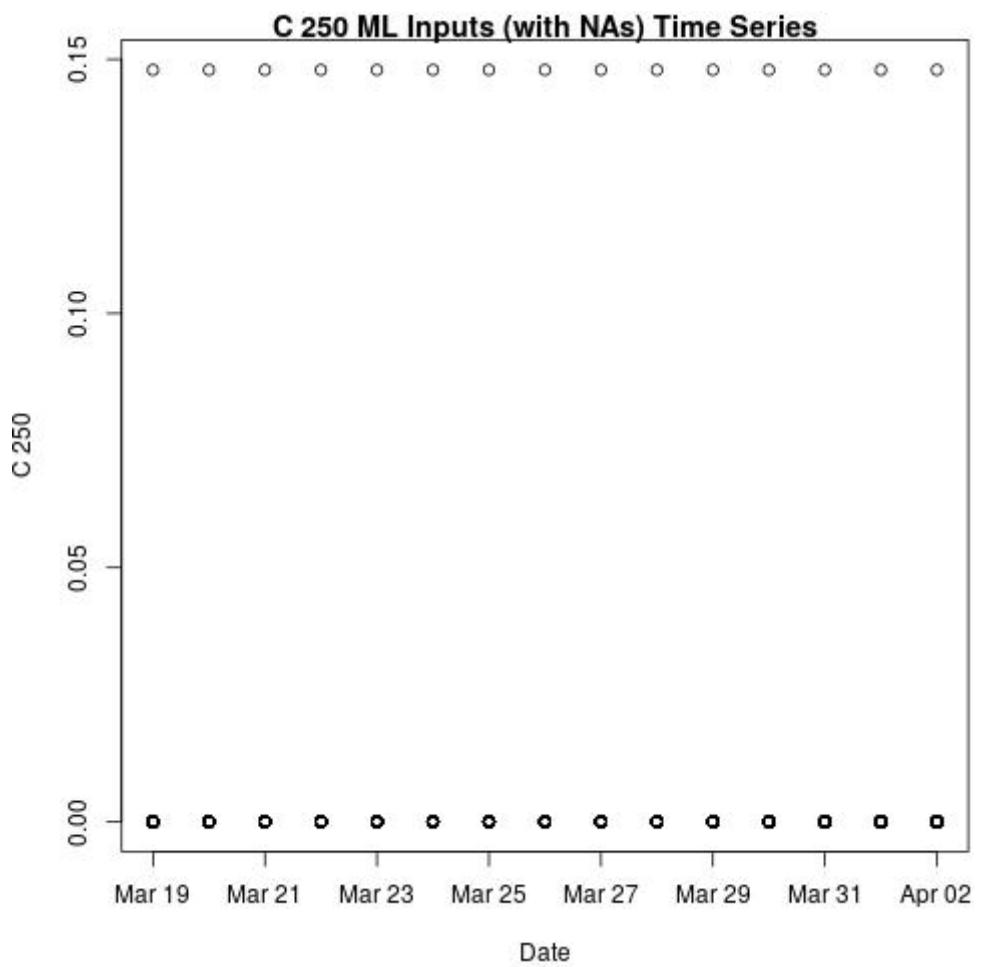


Figure 9: ML Inputs (with NAs) Time Series

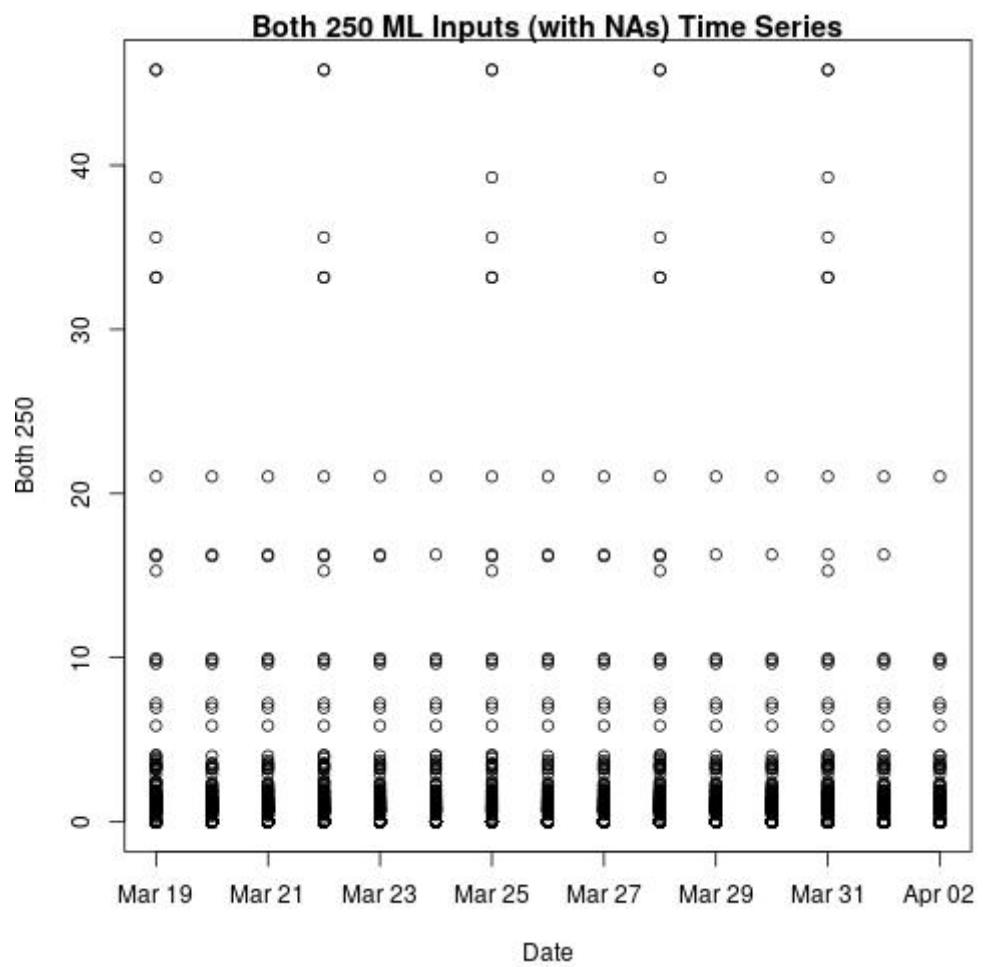


Figure 10: ML Inputs (with NAs) Time Series

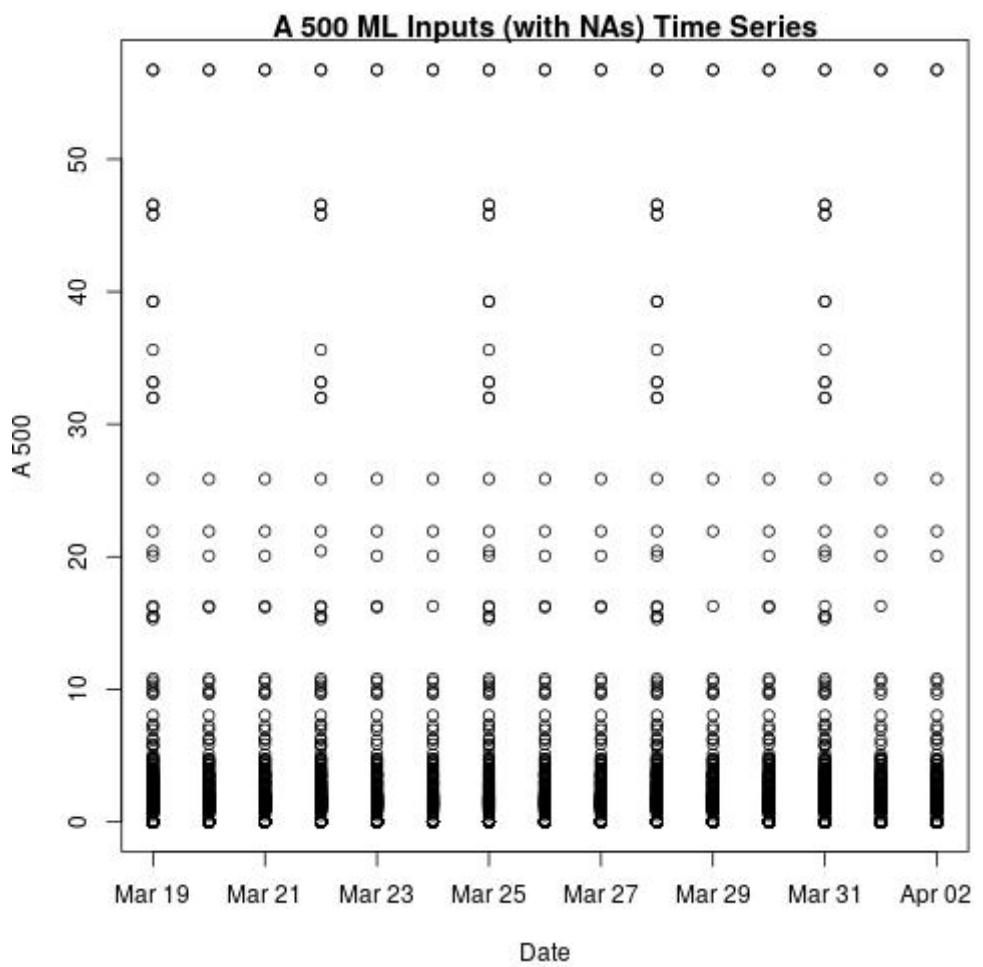


Figure 11: ML Inputs (with NAs) Time Series

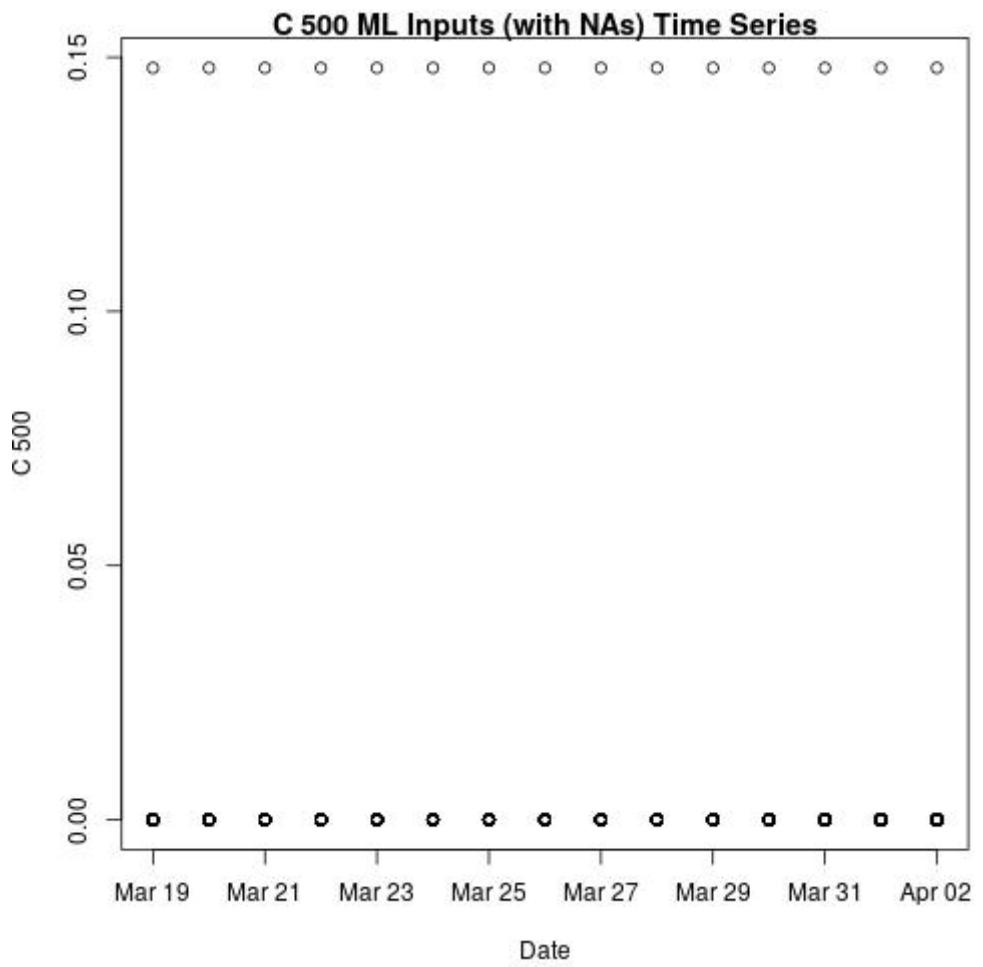


Figure 12: ML Inputs (with NAs) Time Series

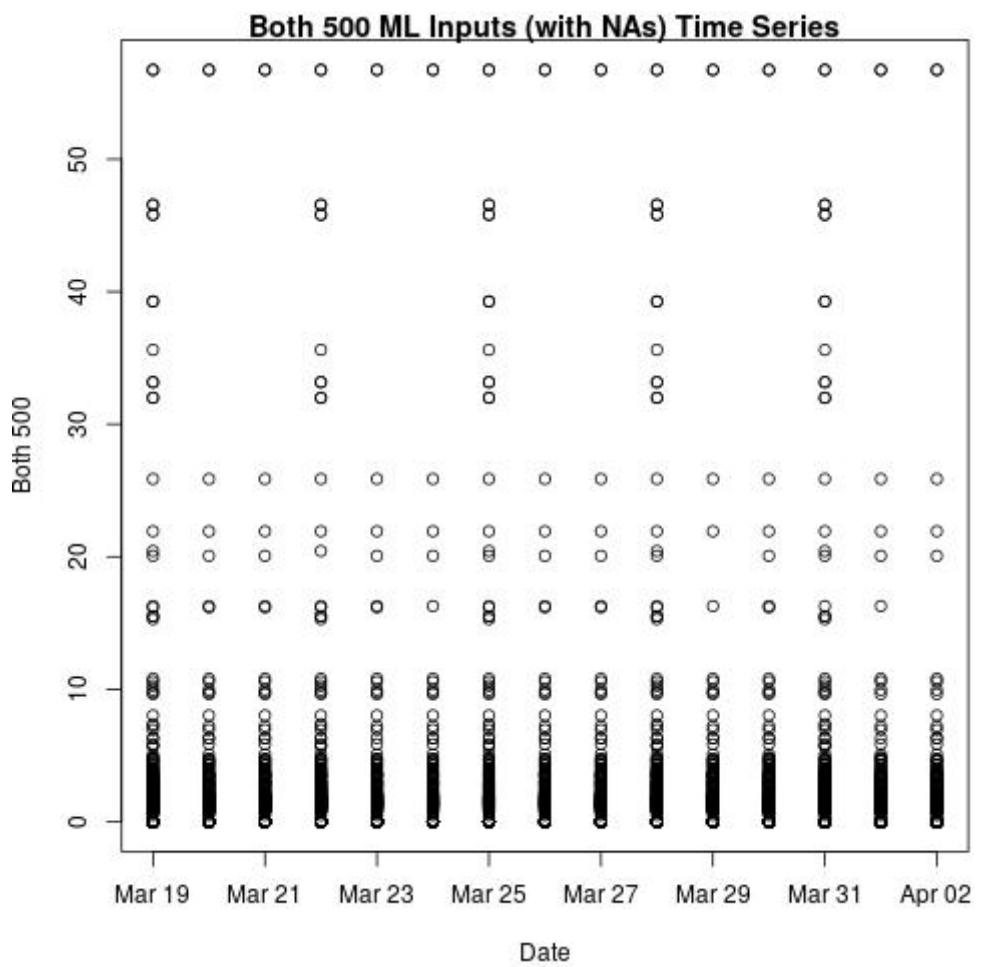


Figure 13: ML Inputs (with NAs) Time Series

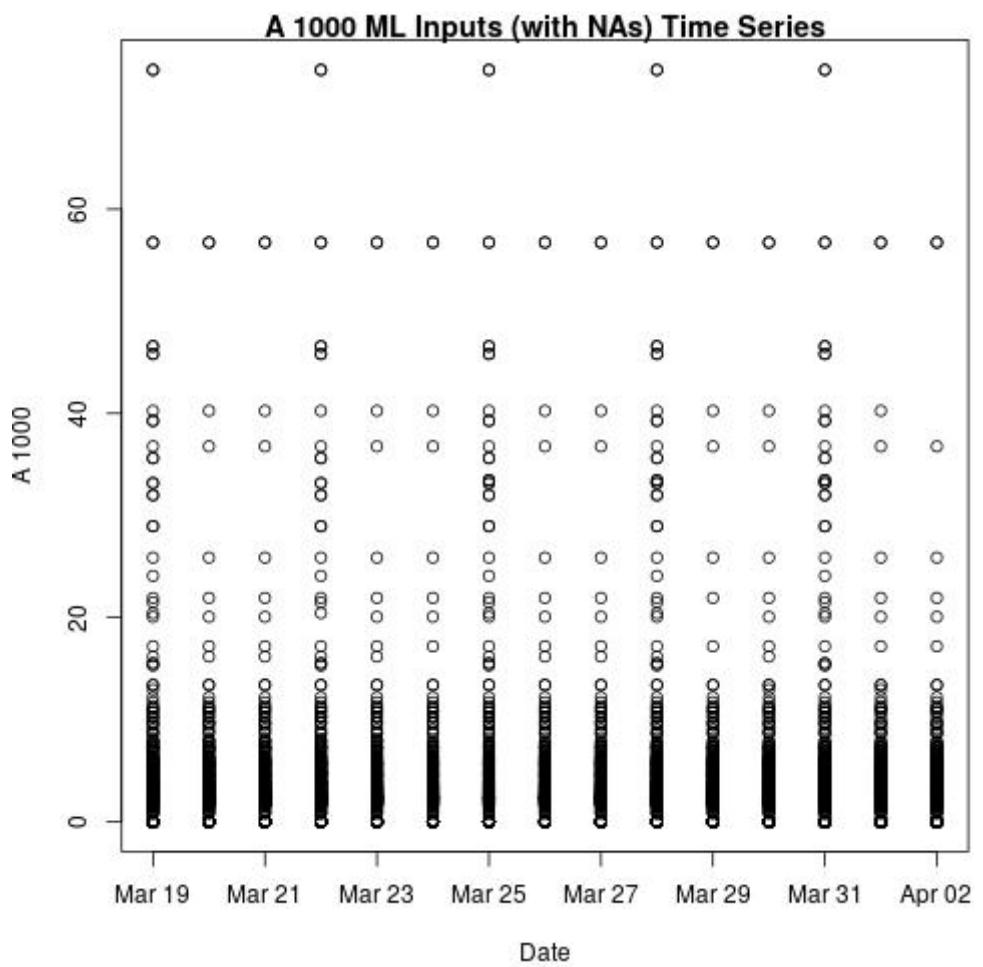


Figure 14: ML Inputs (with NAs) Time Series

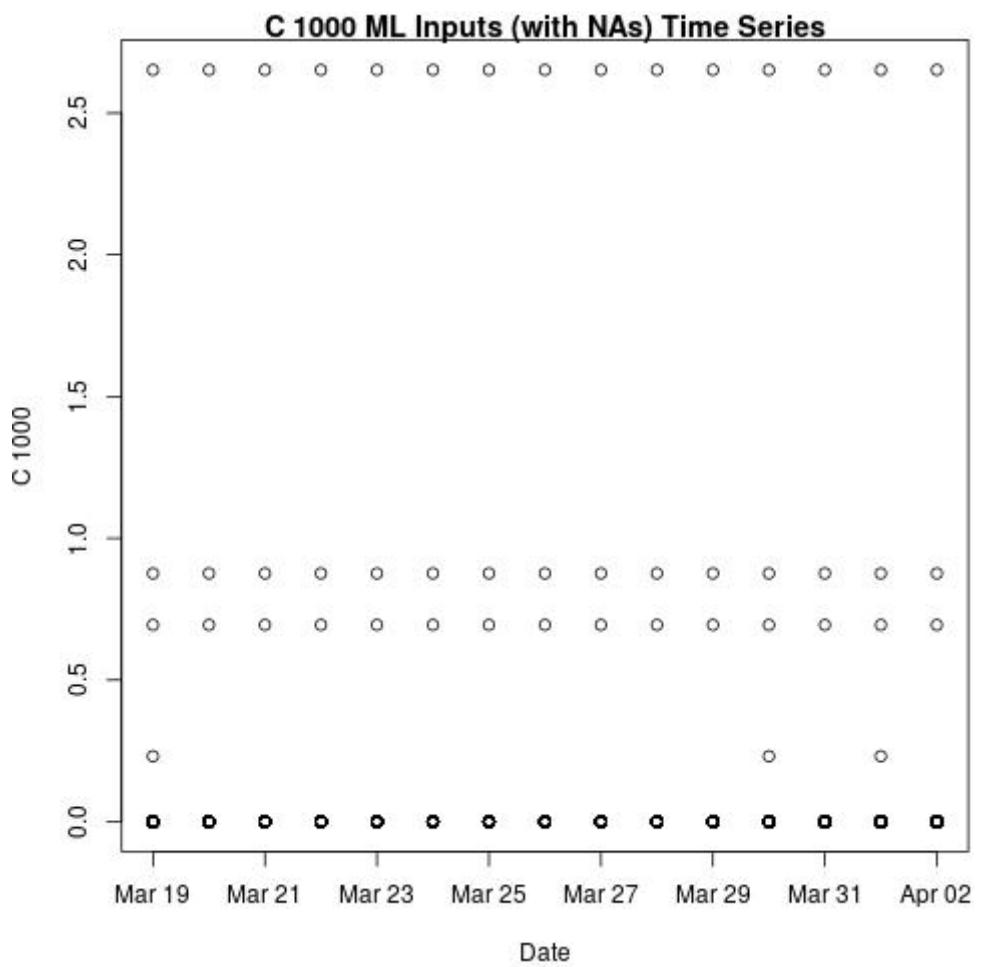


Figure 15: ML Inputs (with NAs) Time Series

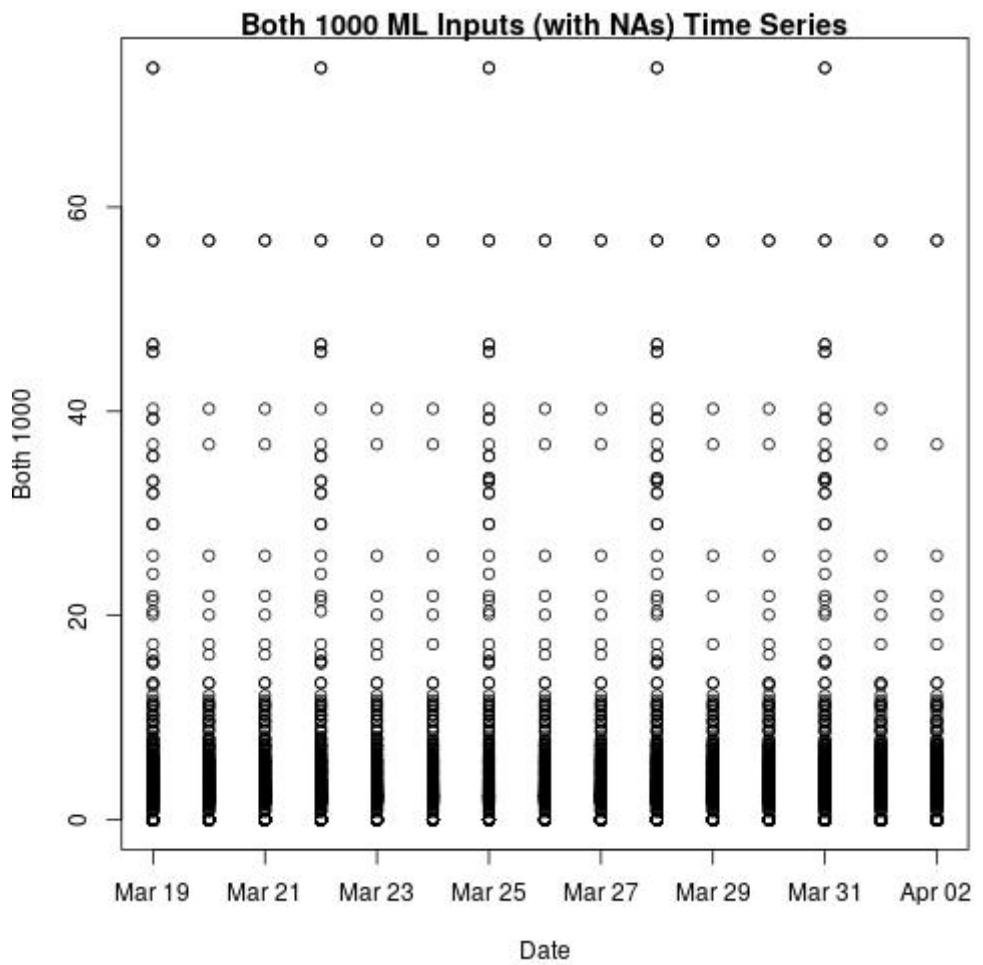


Figure 16: ML Inputs (with NAs) Time Series

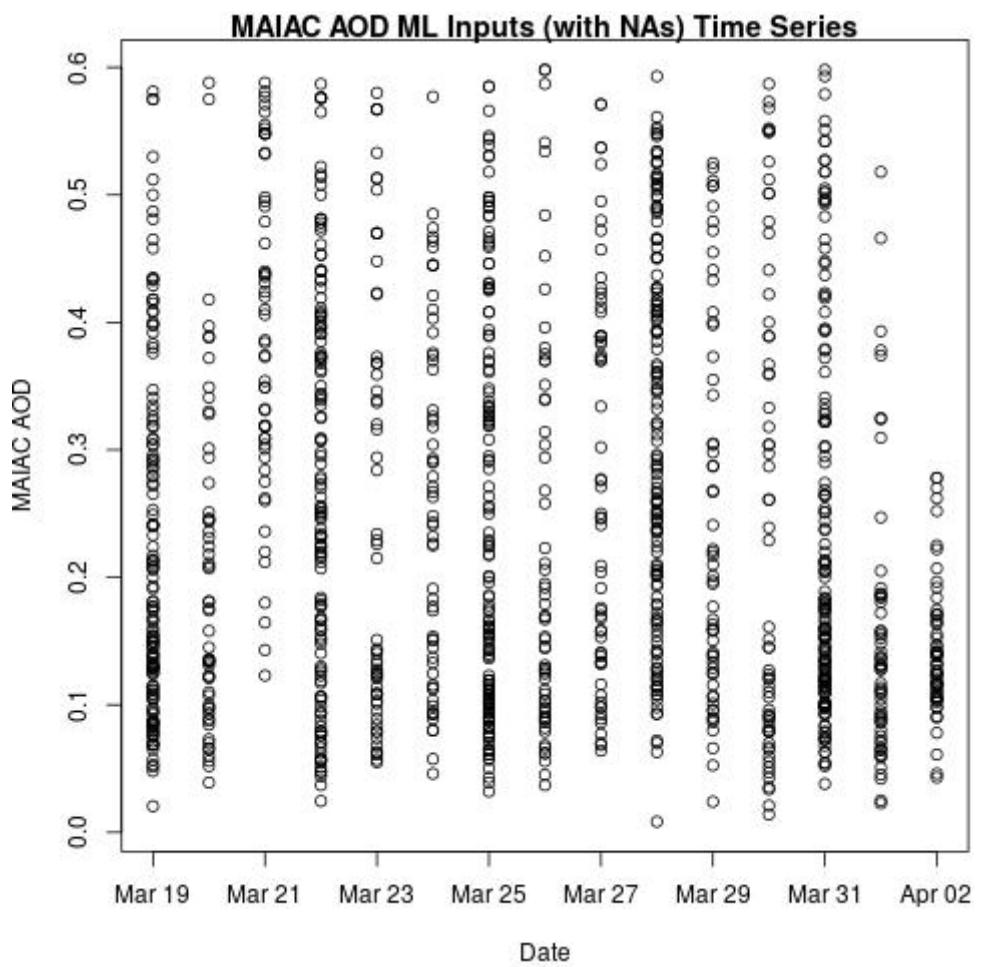


Figure 17: ML Inputs (with NAs) Time Series

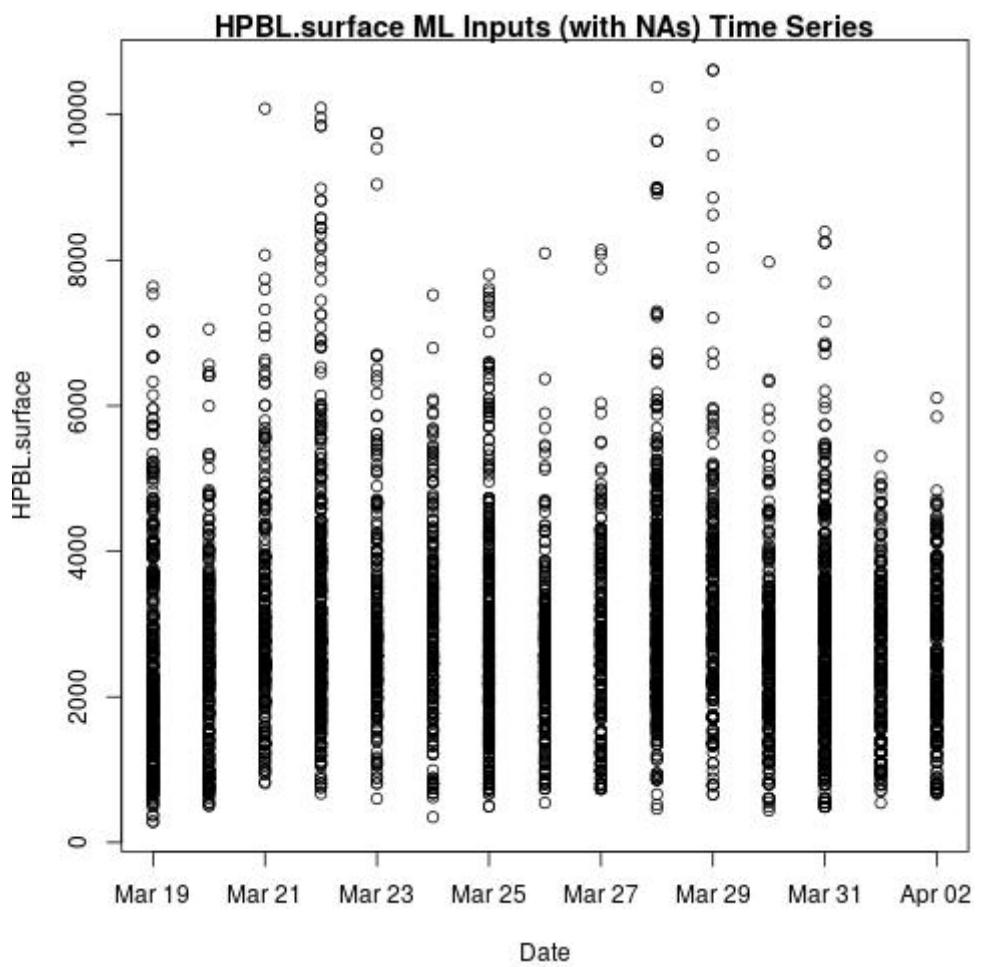


Figure 18: ML Inputs (with NAs) Time Series

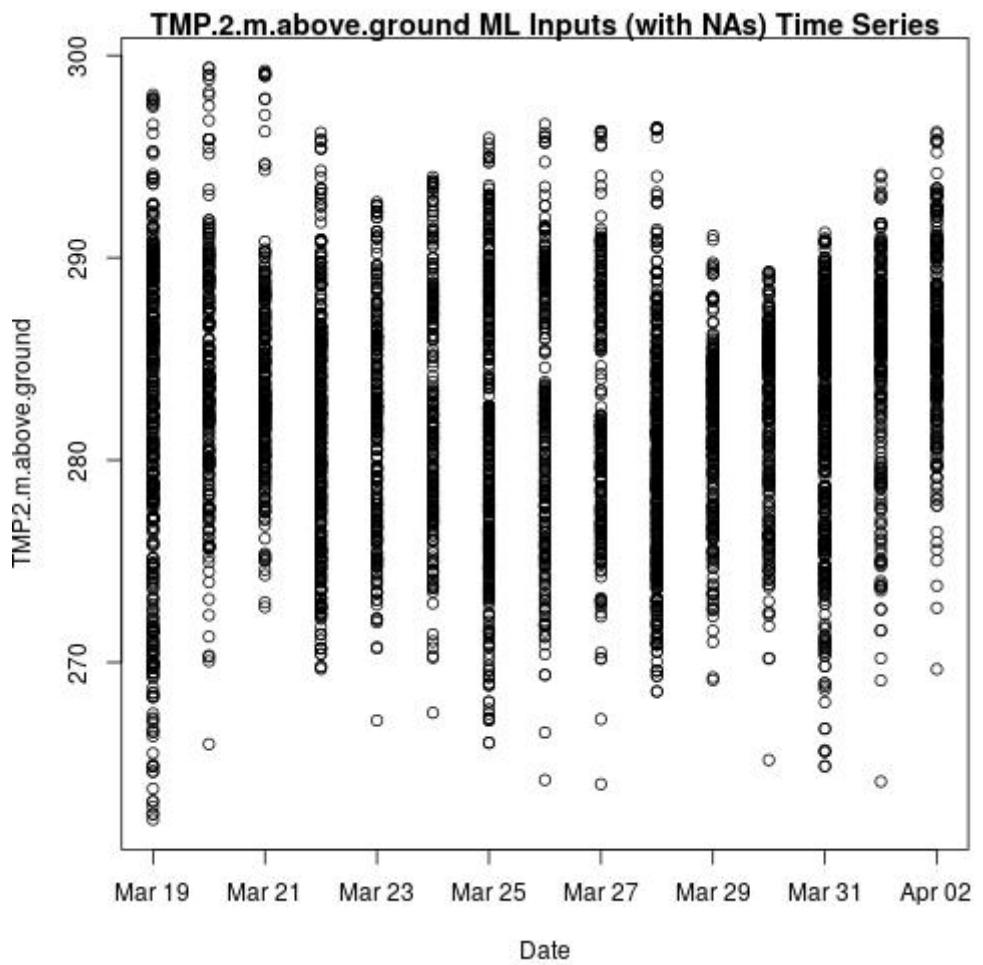


Figure 19: ML Inputs (with NAs) Time Series

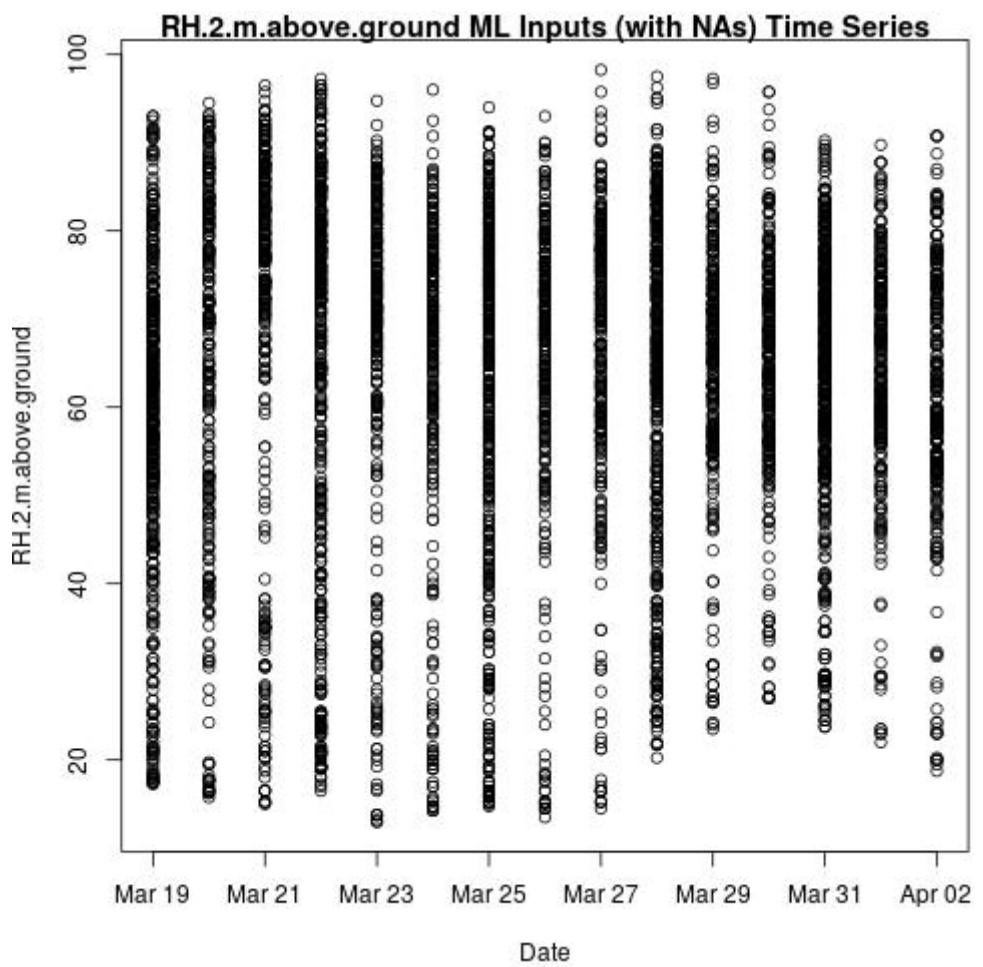


Figure 20: ML Inputs (with NAs) Time Series

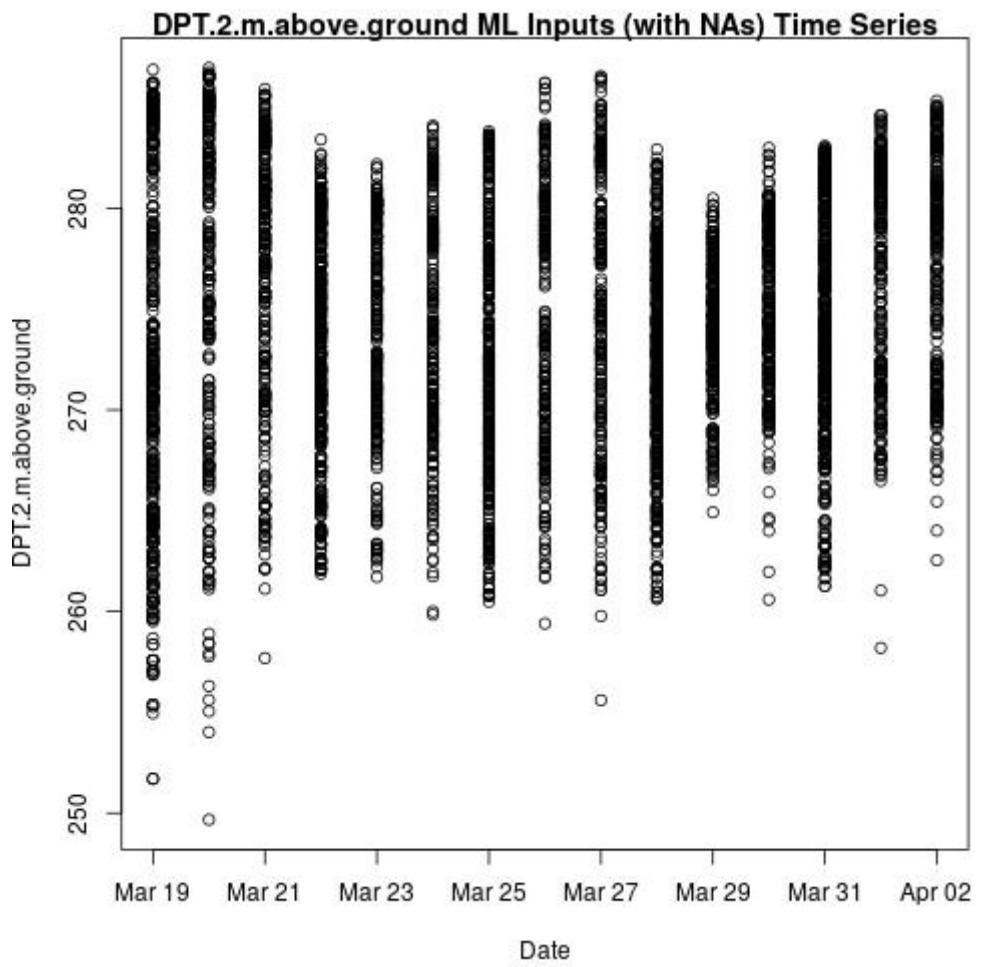


Figure 21: ML Inputs (with NAs) Time Series

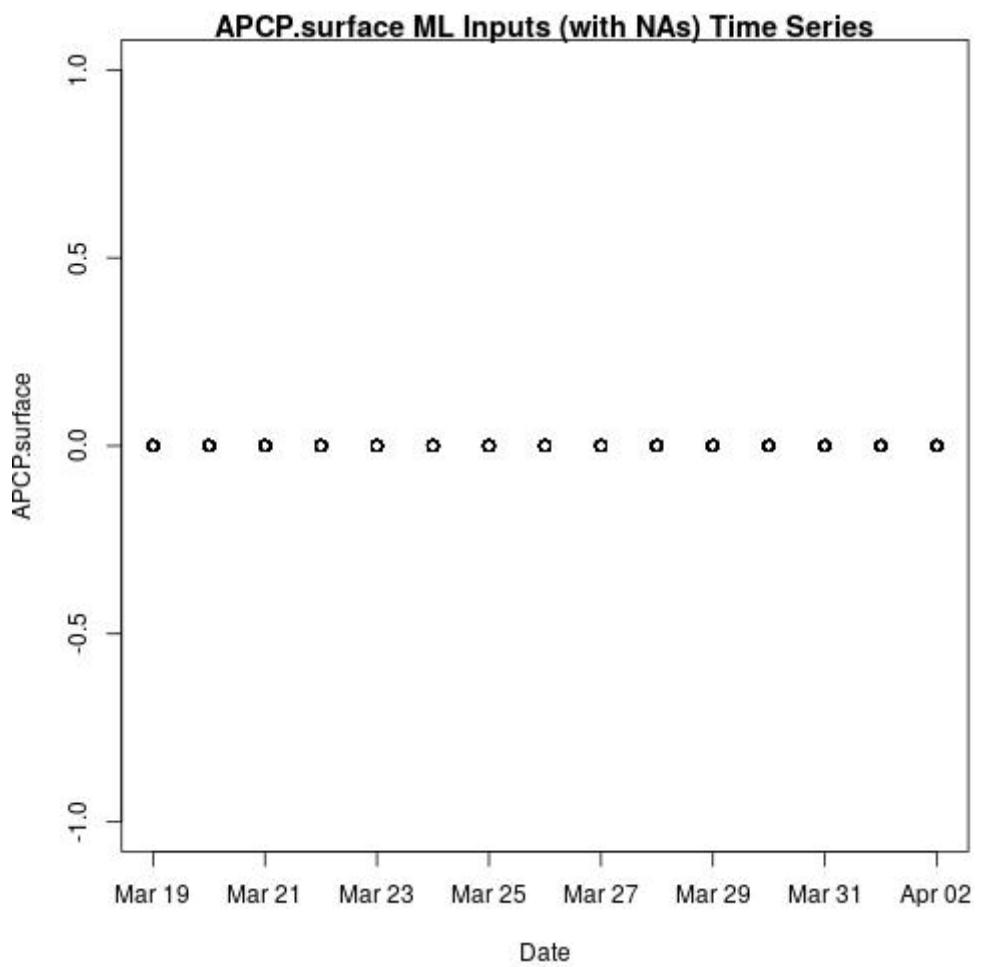


Figure 22: ML Inputs (with NAs) Time Series

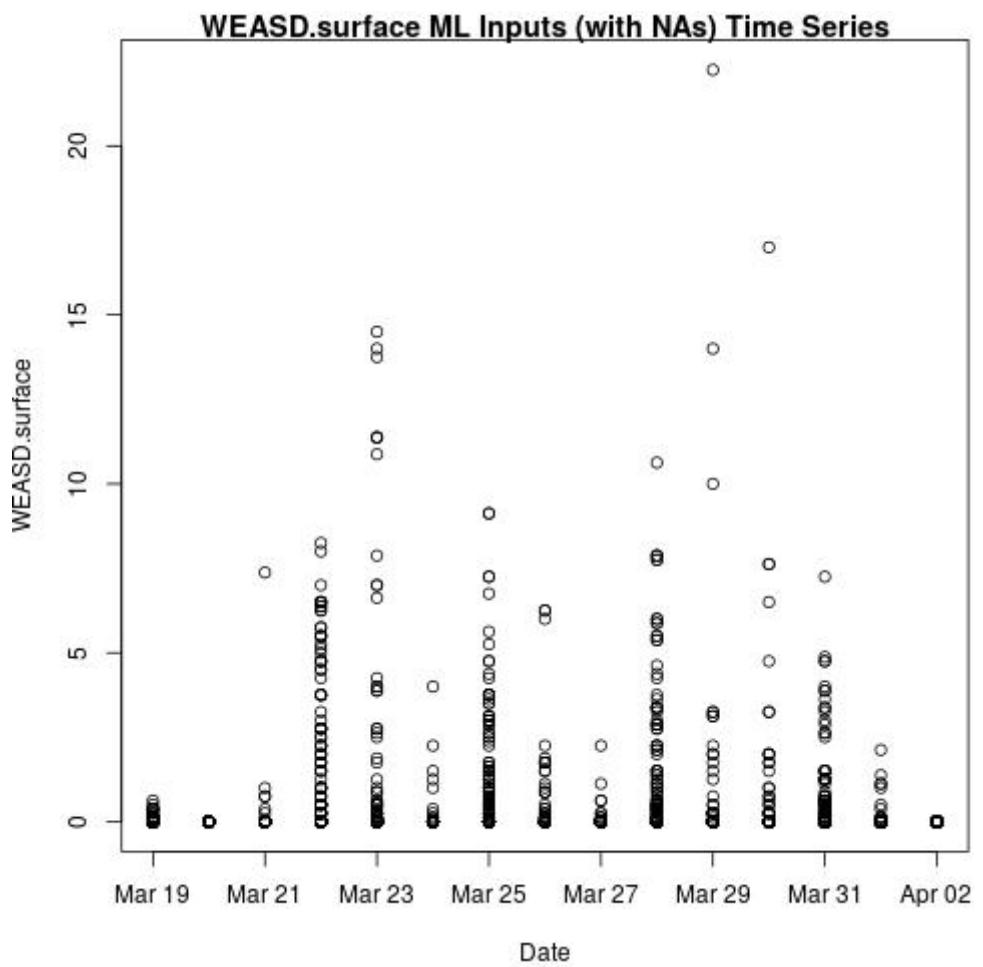


Figure 23: ML Inputs (with NAs) Time Series

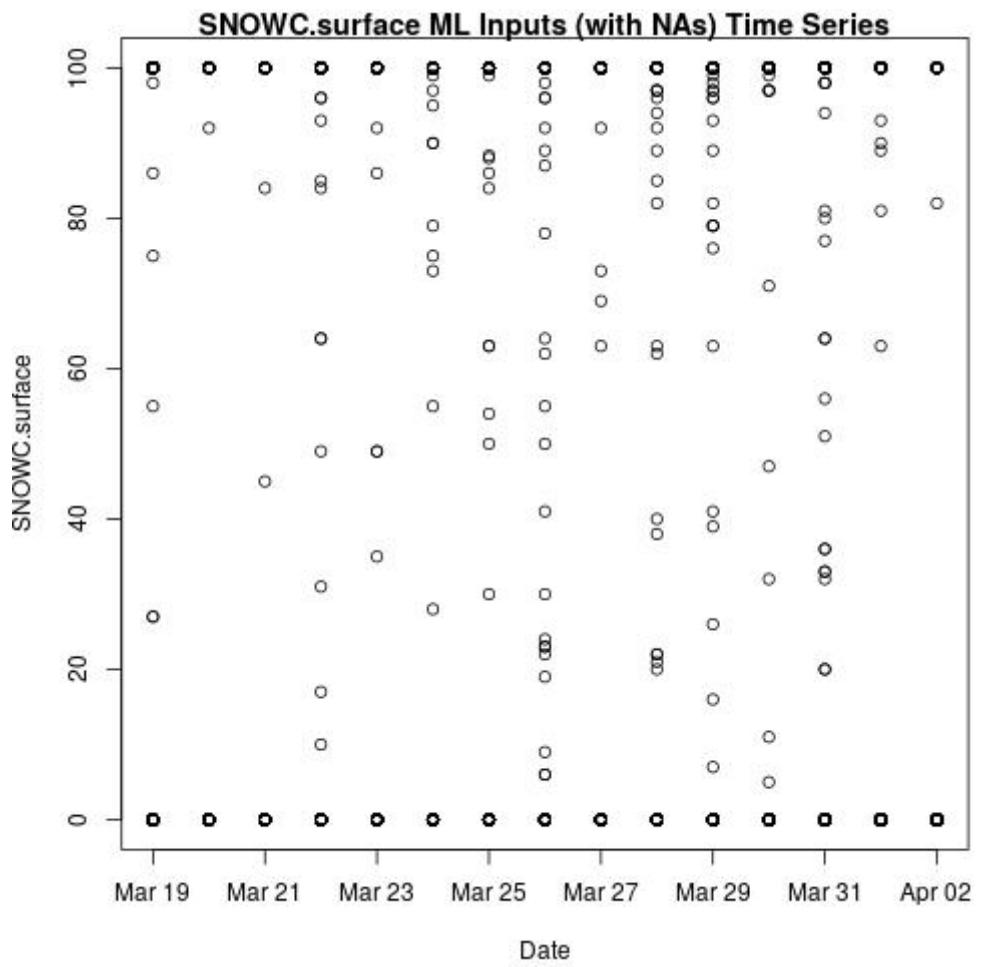


Figure 24: ML Inputs (with NAs) Time Series

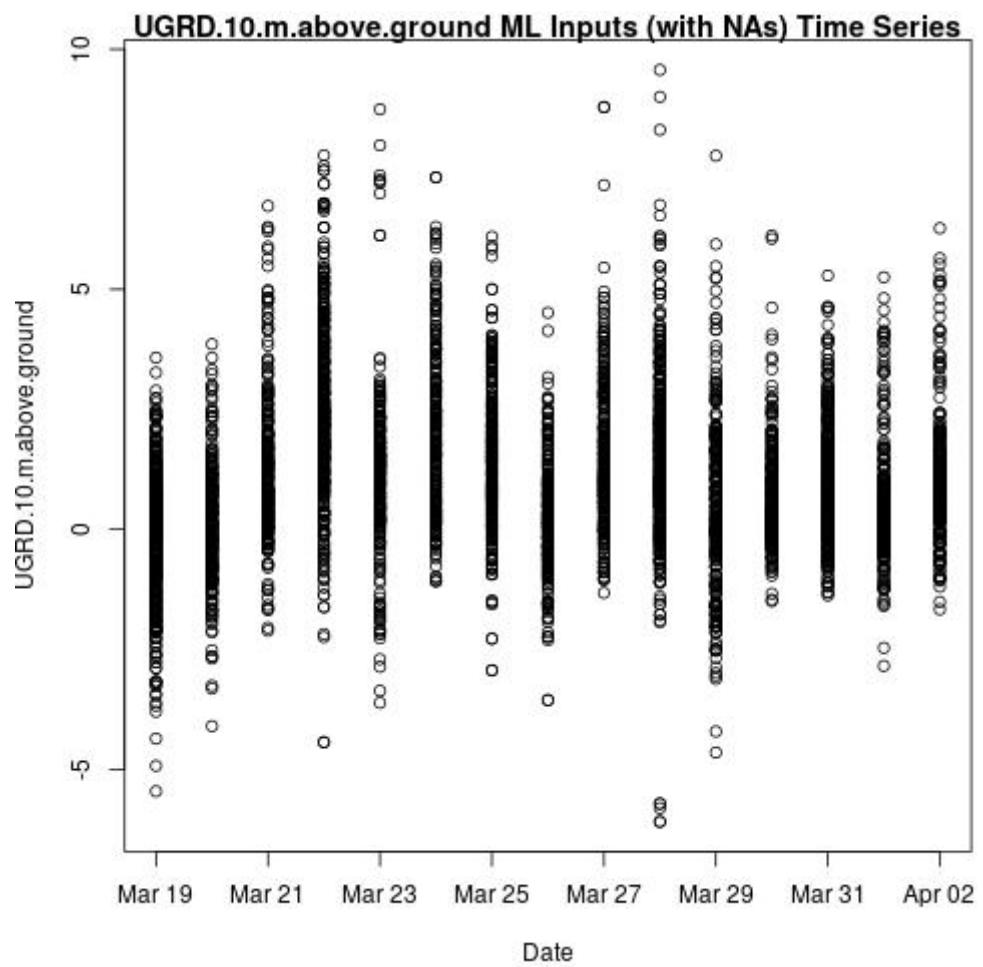


Figure 25: ML Inputs (with NAs) Time Series

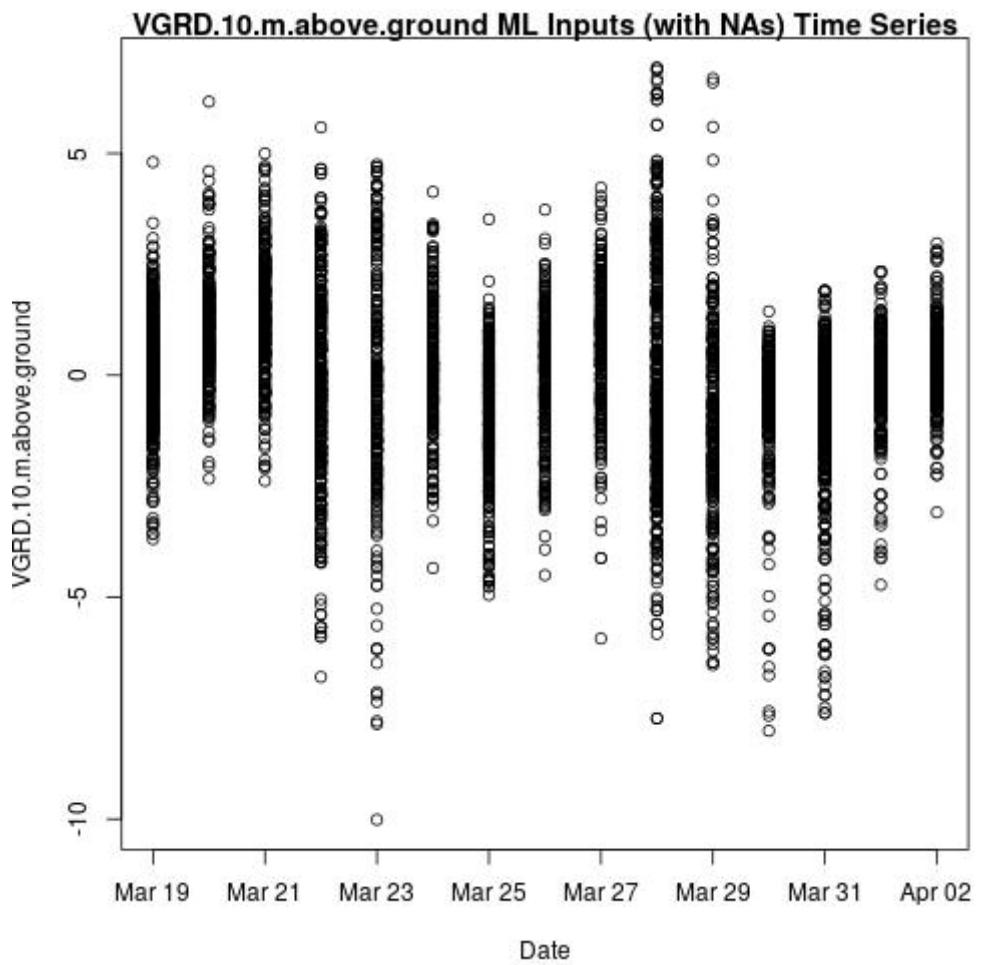


Figure 26: ML Inputs (with NAs) Time Series

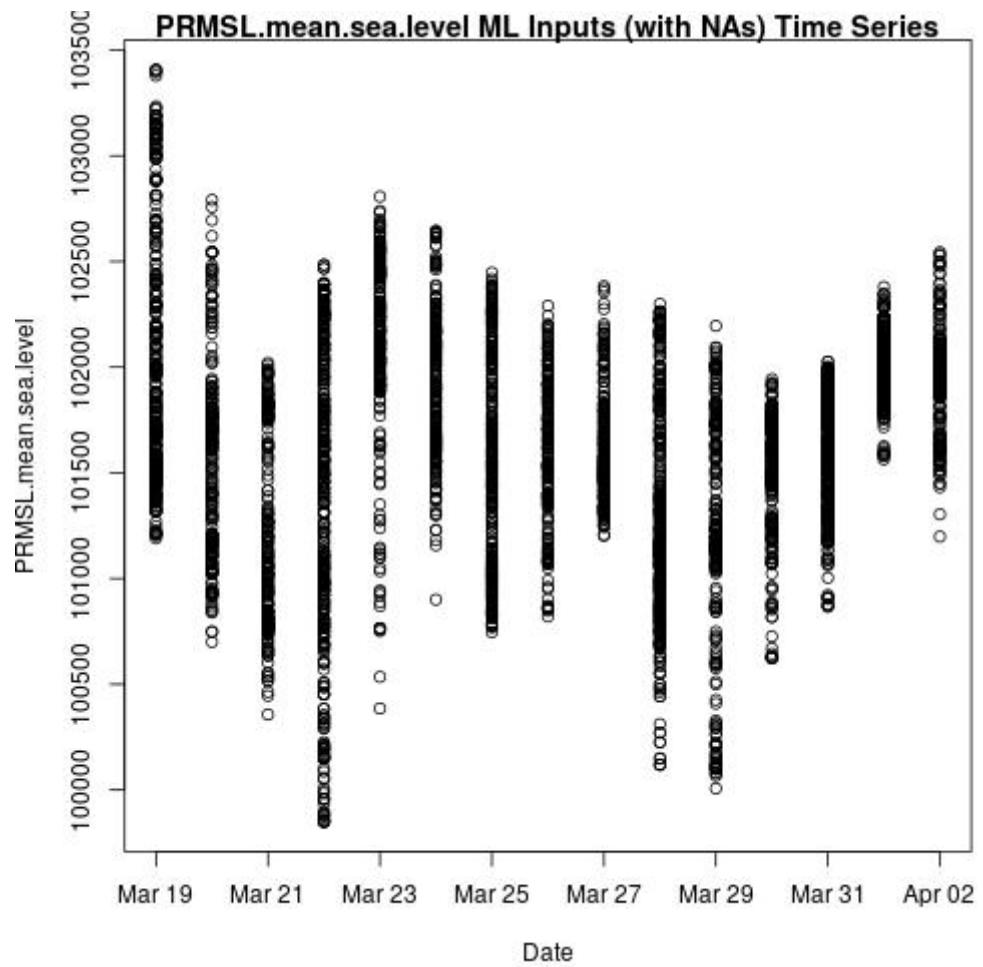


Figure 27: ML Inputs (with NAs) Time Series

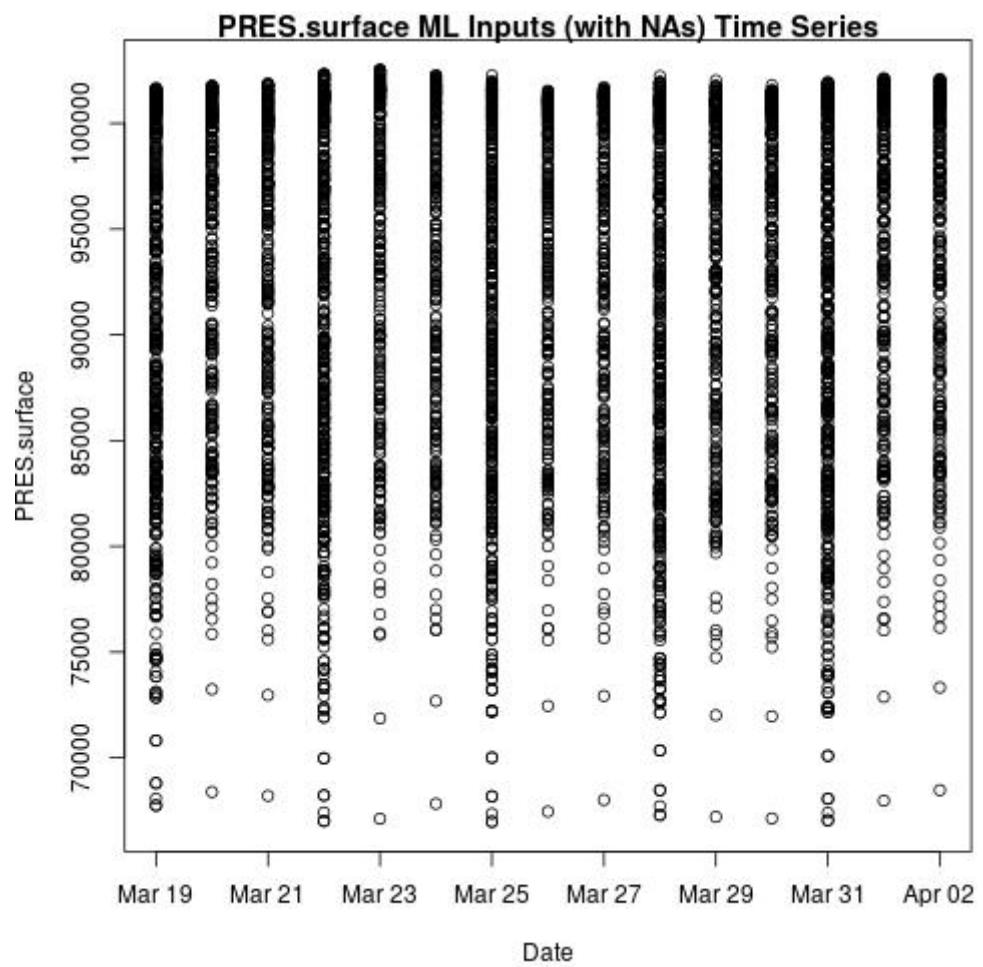


Figure 28: ML Inputs (with NAs) Time Series

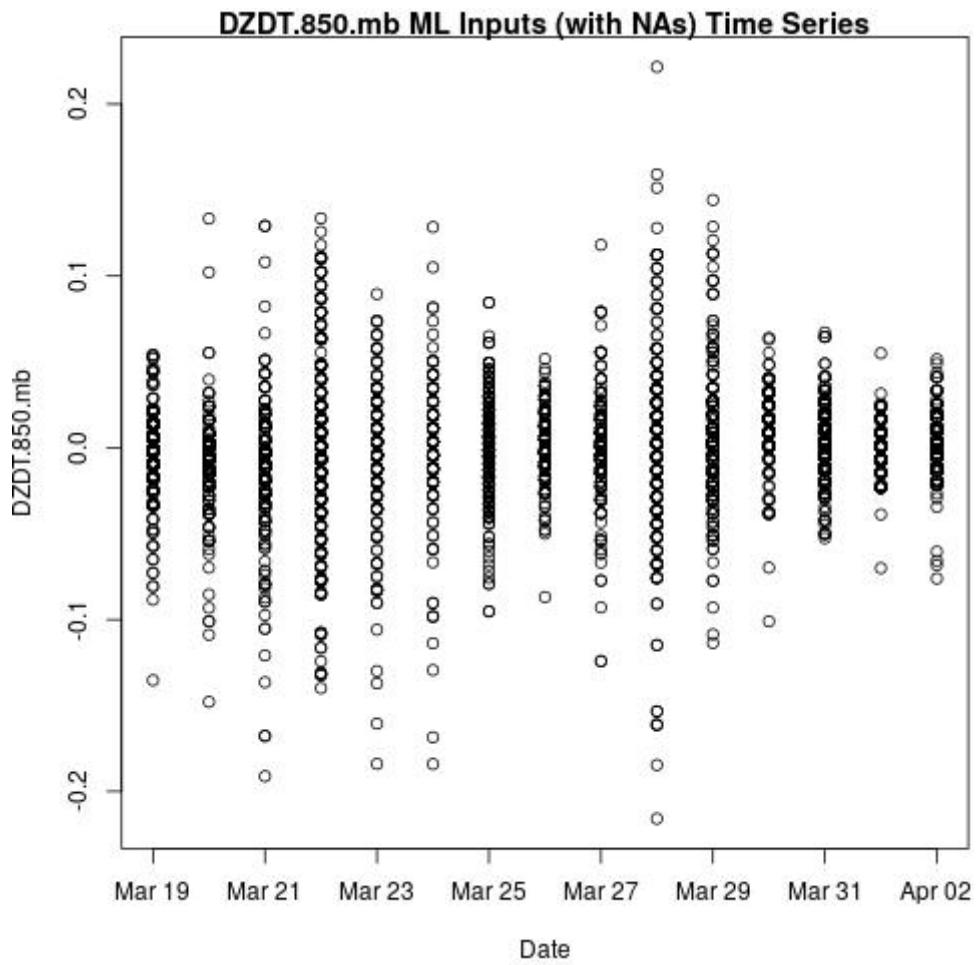


Figure 29: ML Inputs (with NAs) Time Series

## 0.2 ML Inputs (with NAs) Plot against PM2.5 Obs Images

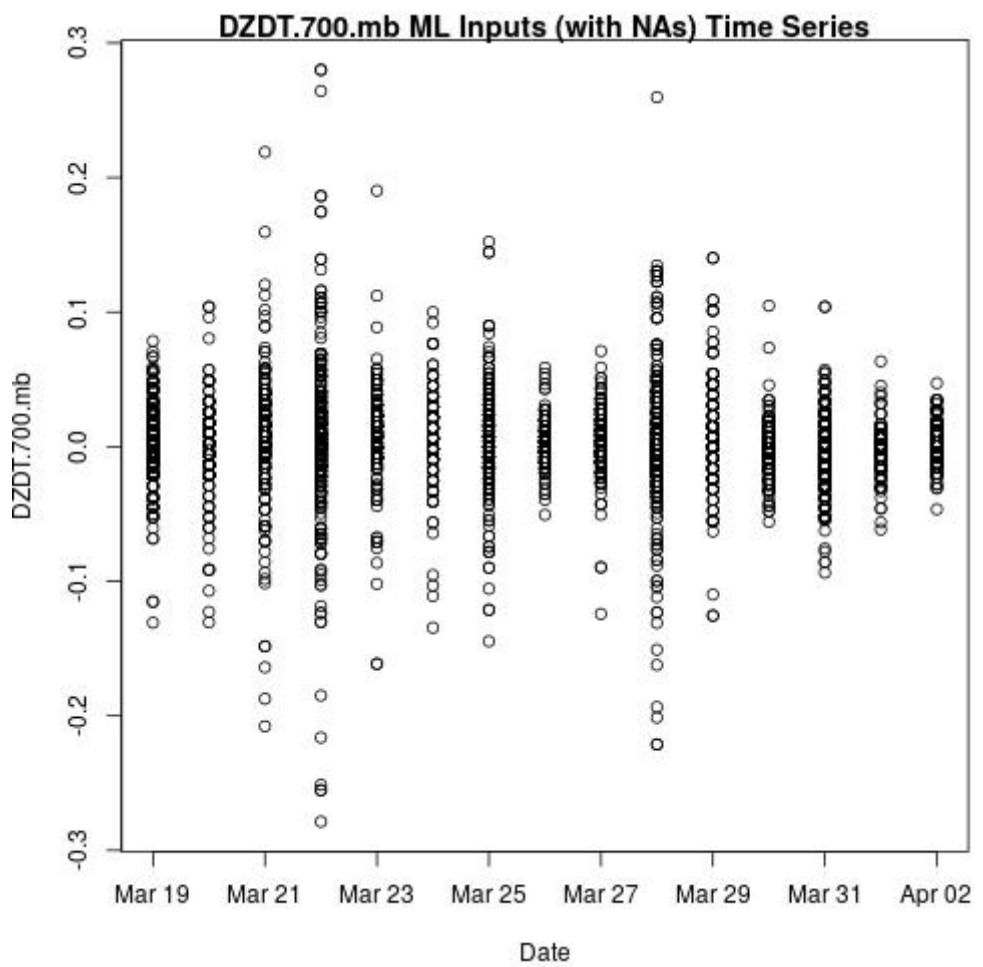


Figure 30: ML Inputs (with NAs) Time Series

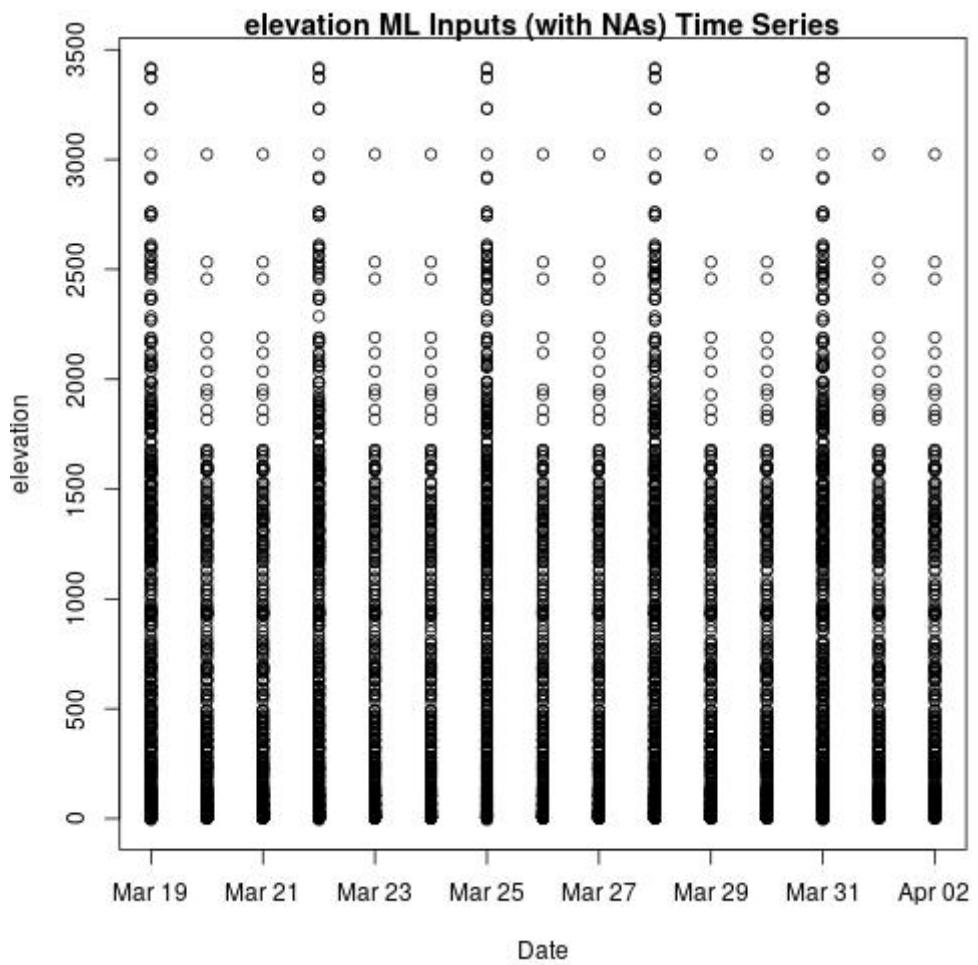


Figure 31: ML Inputs (with NAs) Time Series

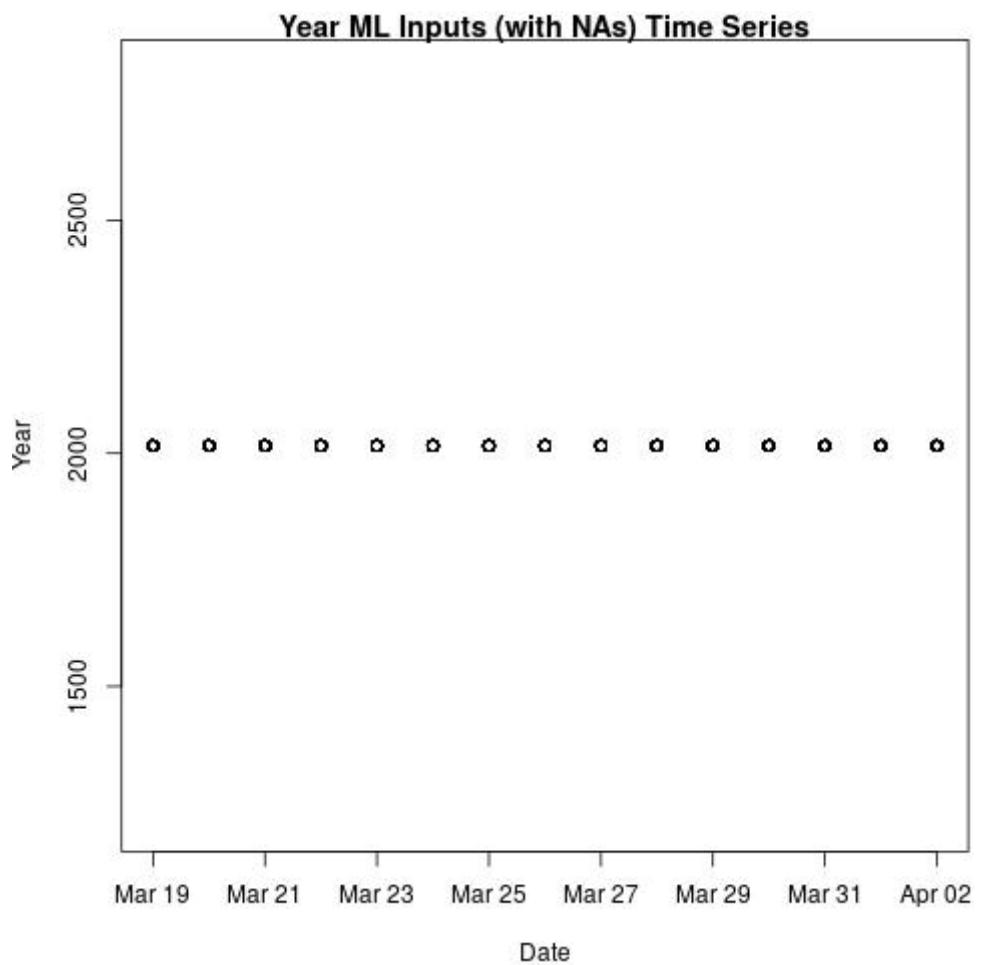


Figure 32: ML Inputs (with NAs) Time Series

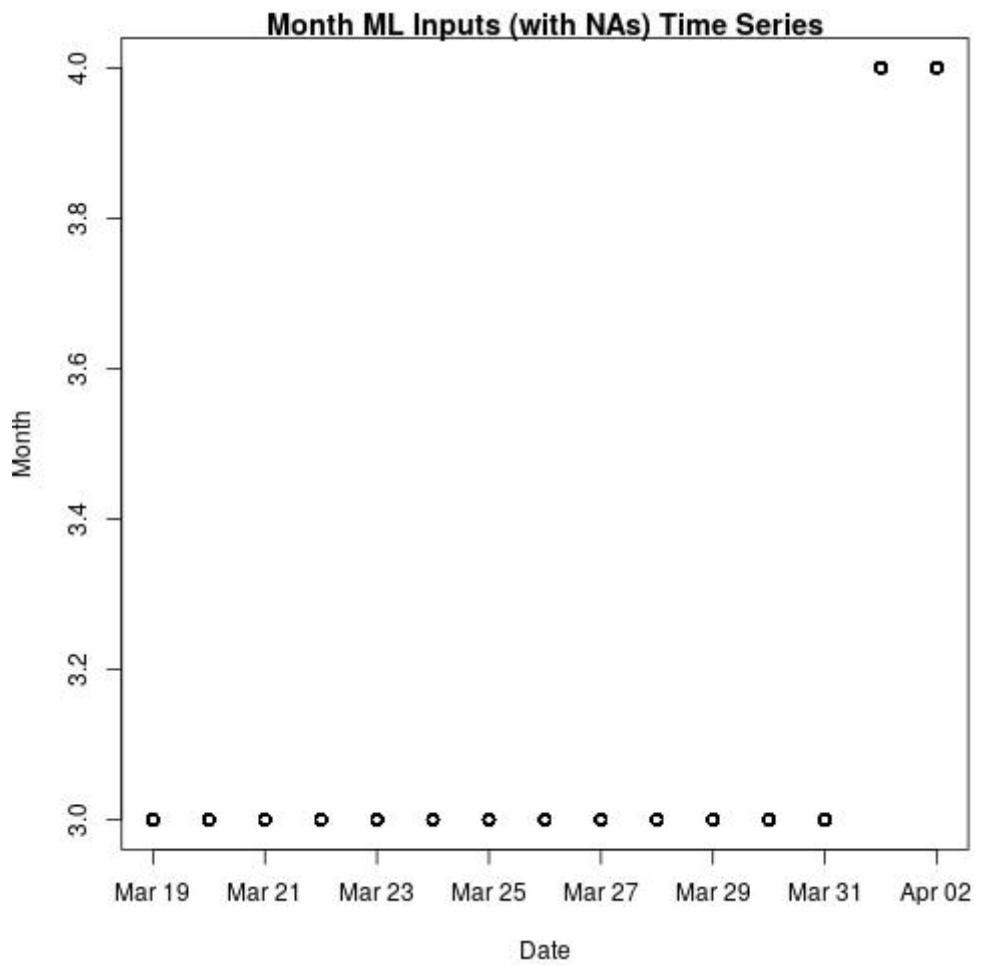


Figure 33: ML Inputs (with NAs) Time Series

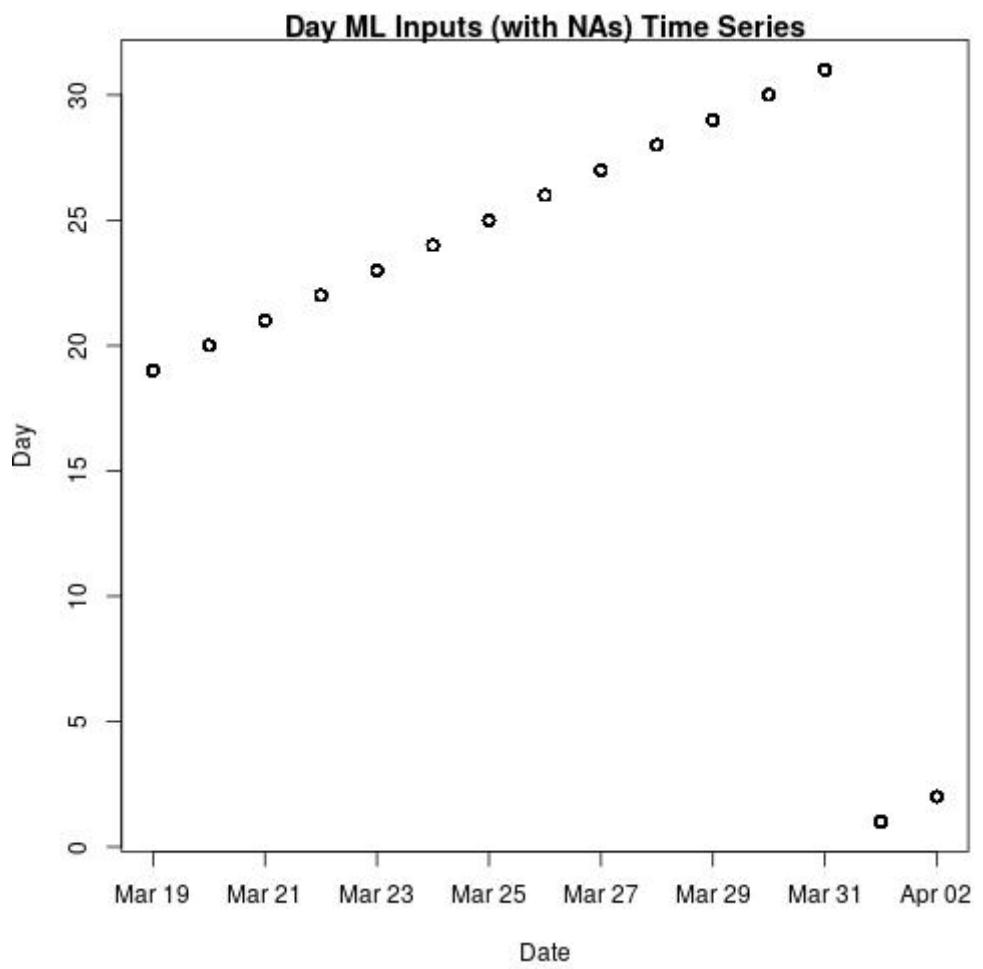


Figure 34: ML Inputs (with NAs) Time Series

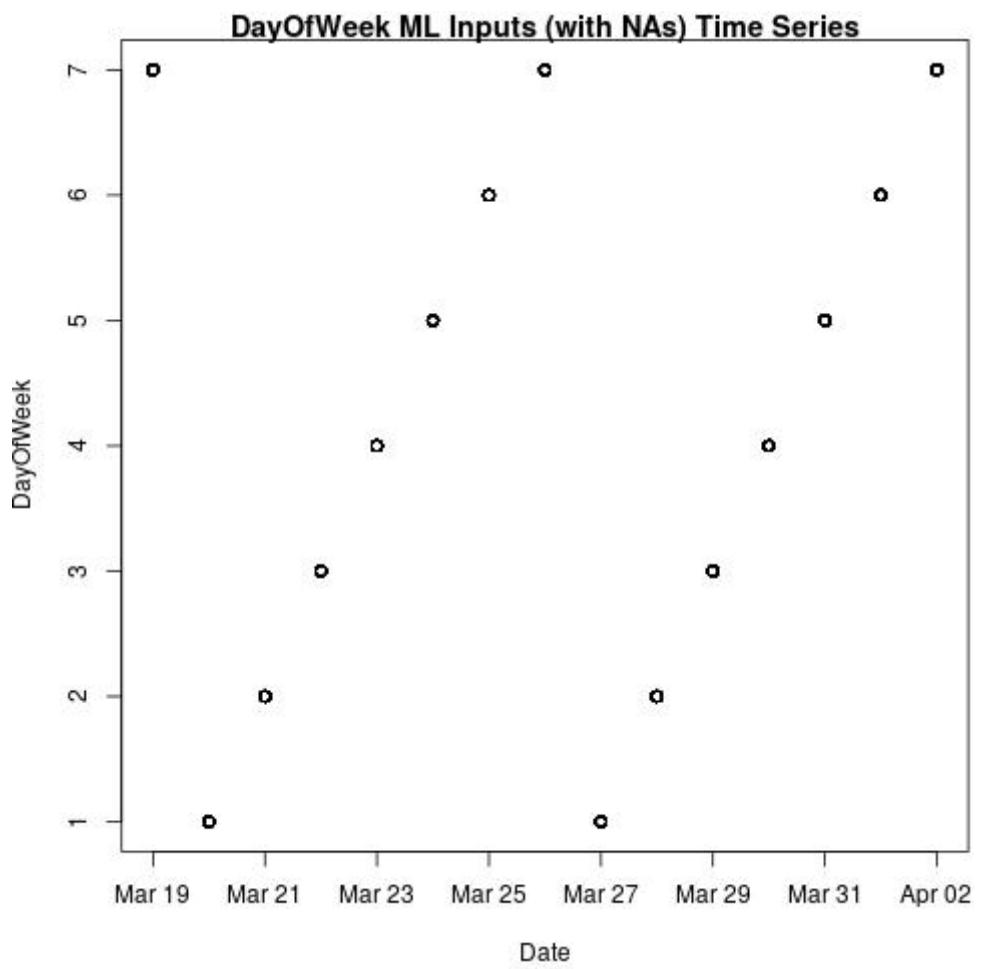


Figure 35: ML Inputs (with NAs) Time Series

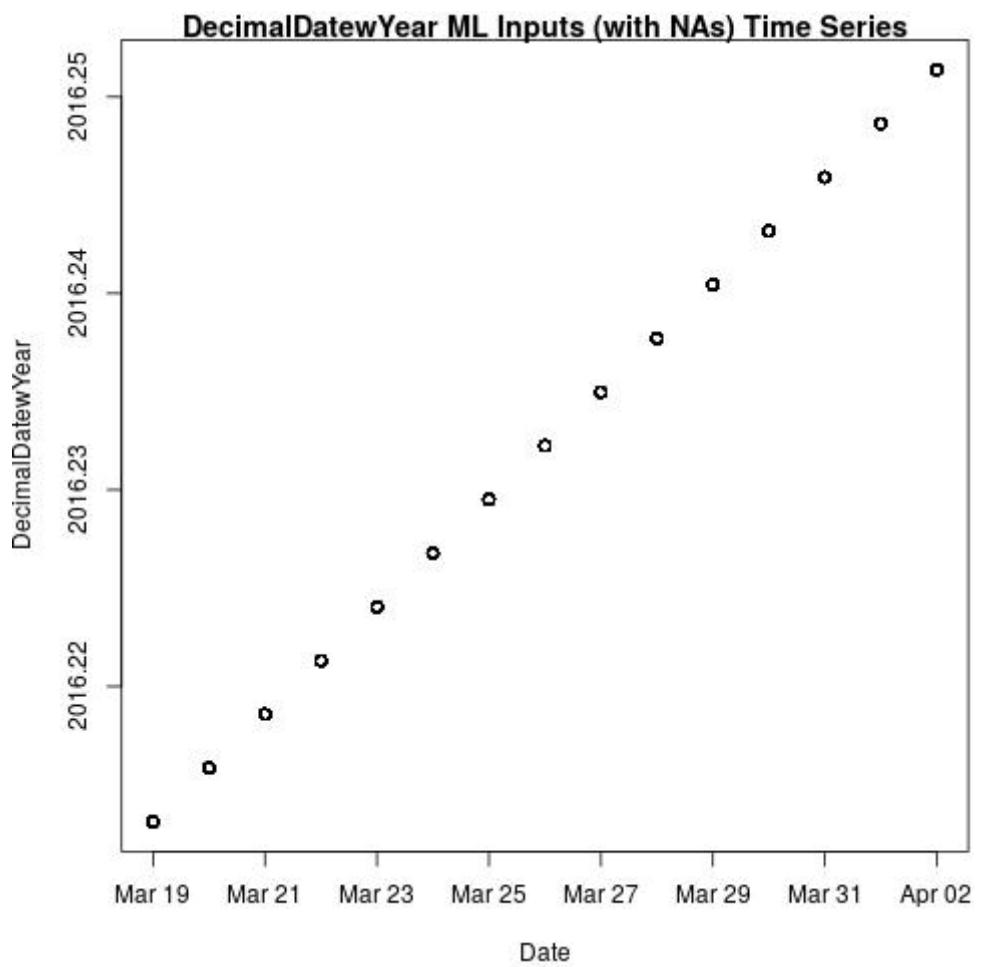


Figure 36: ML Inputs (with NAs) Time Series

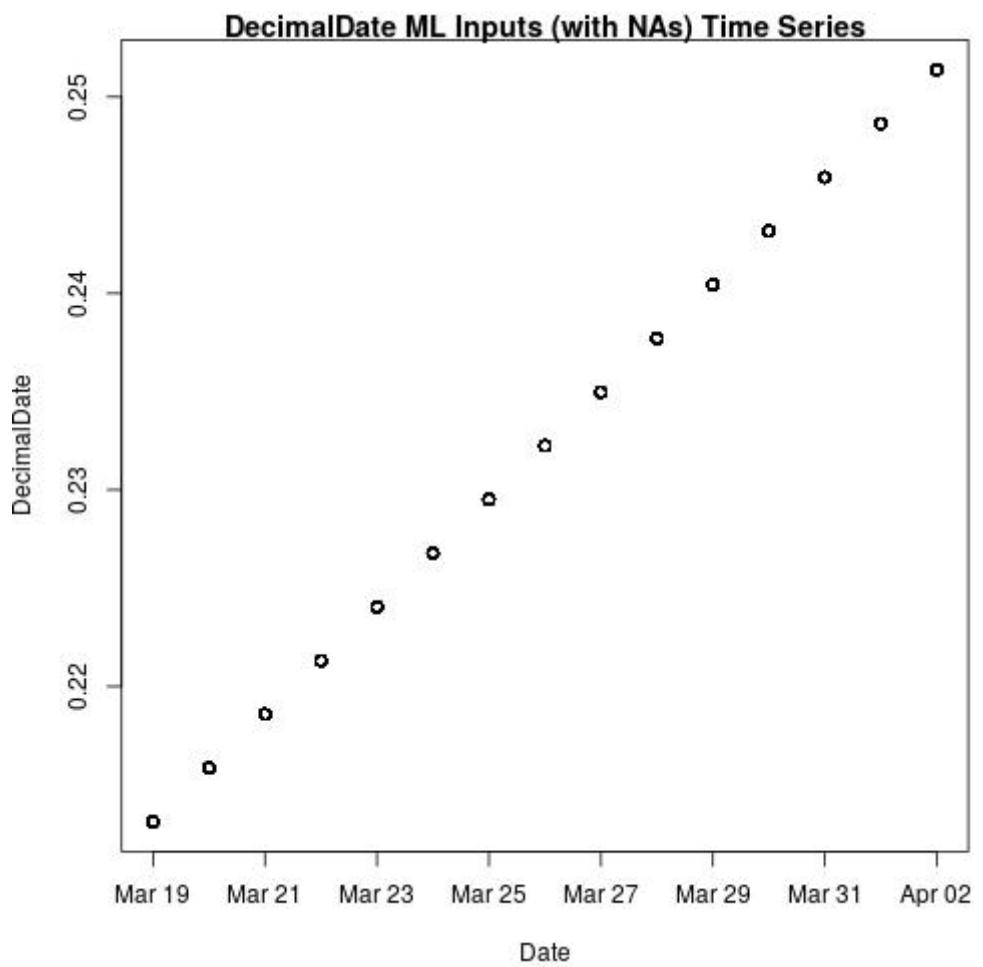


Figure 37: ML Inputs (with NAs) Time Series

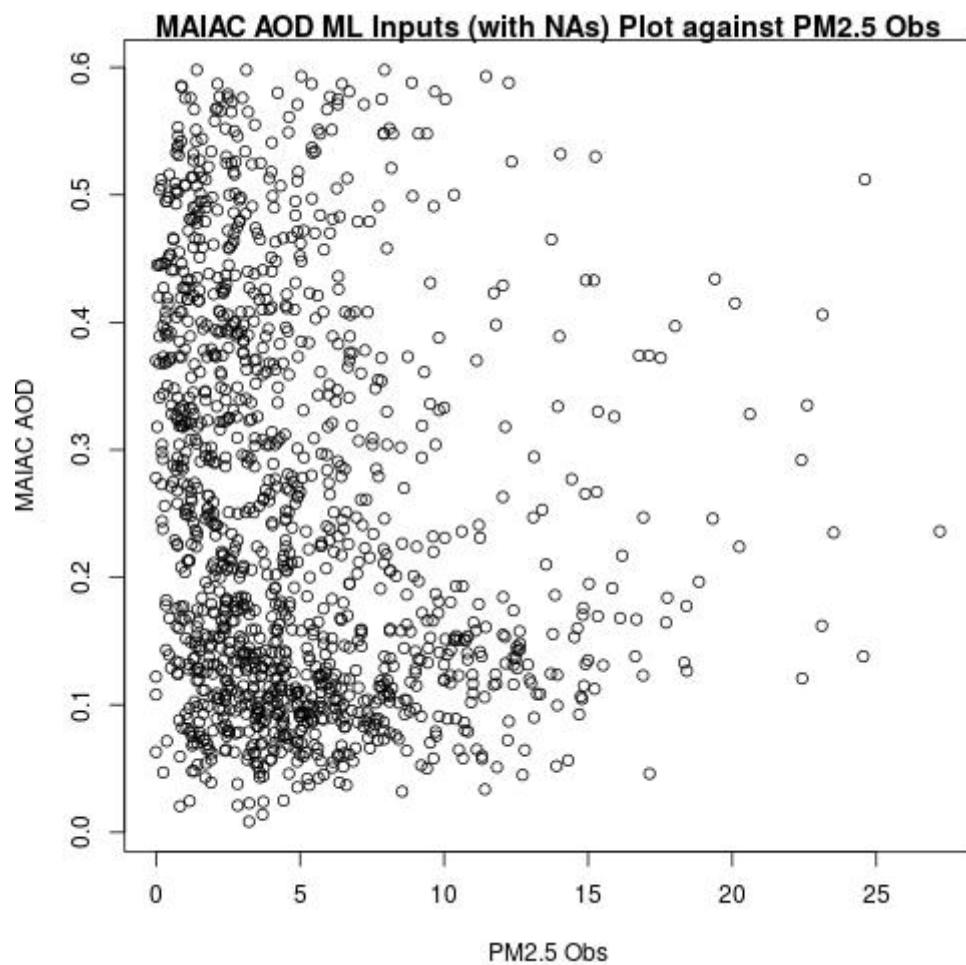


Figure 38: ML Inputs (with NAs) Plot against PM2.5 Obs

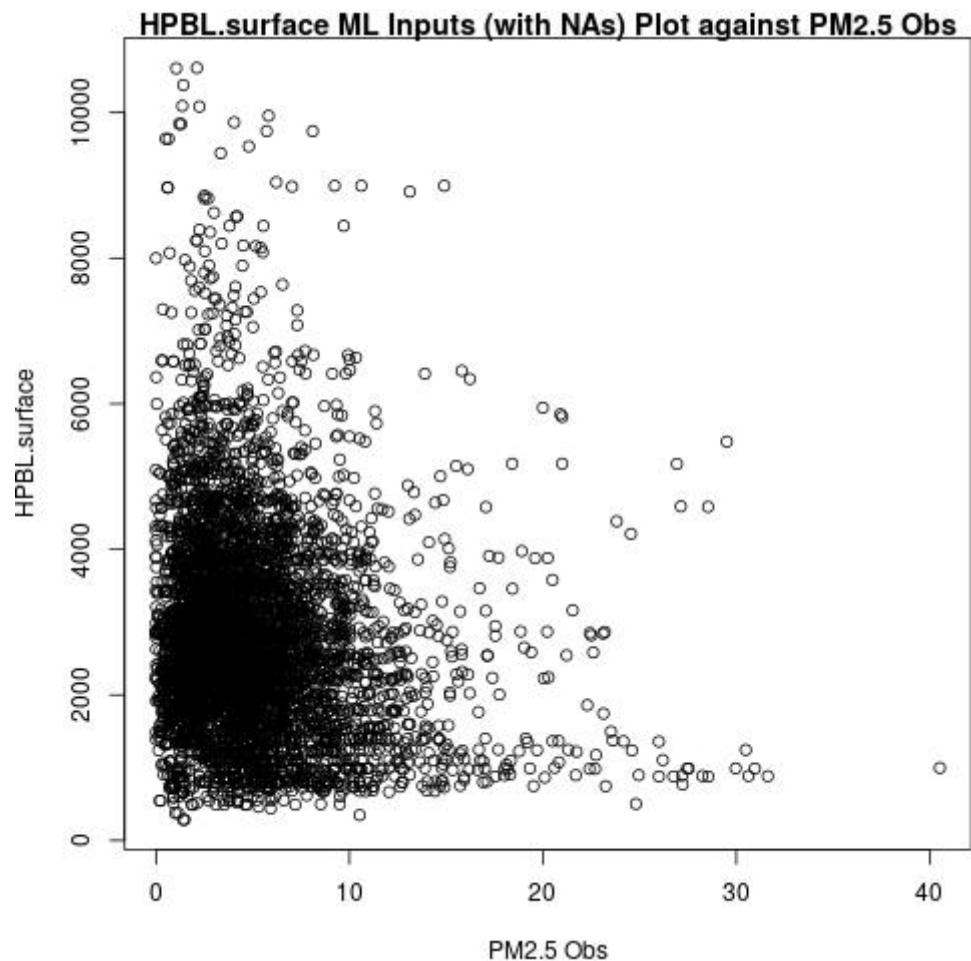


Figure 39: ML Inputs (with NAs) Plot against PM2.5 Obs

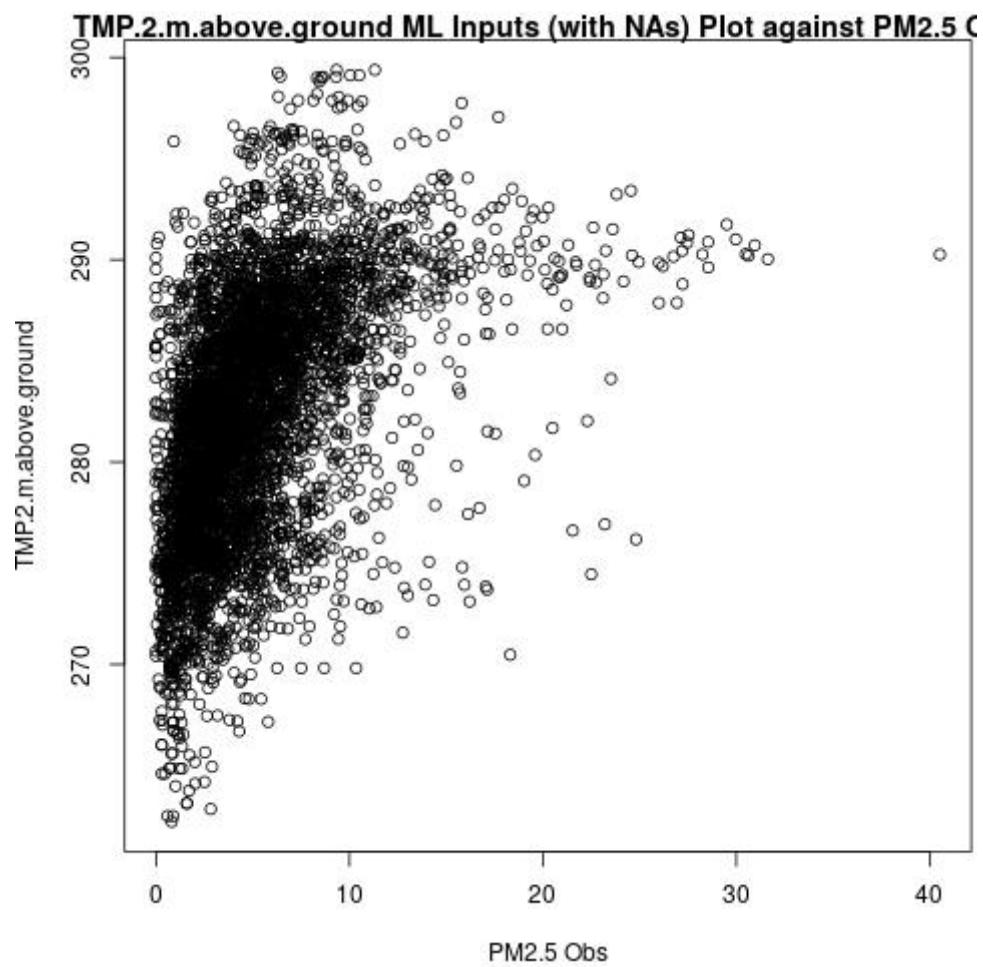


Figure 40: ML Inputs (with NAs) Plot against PM2.5 Obs

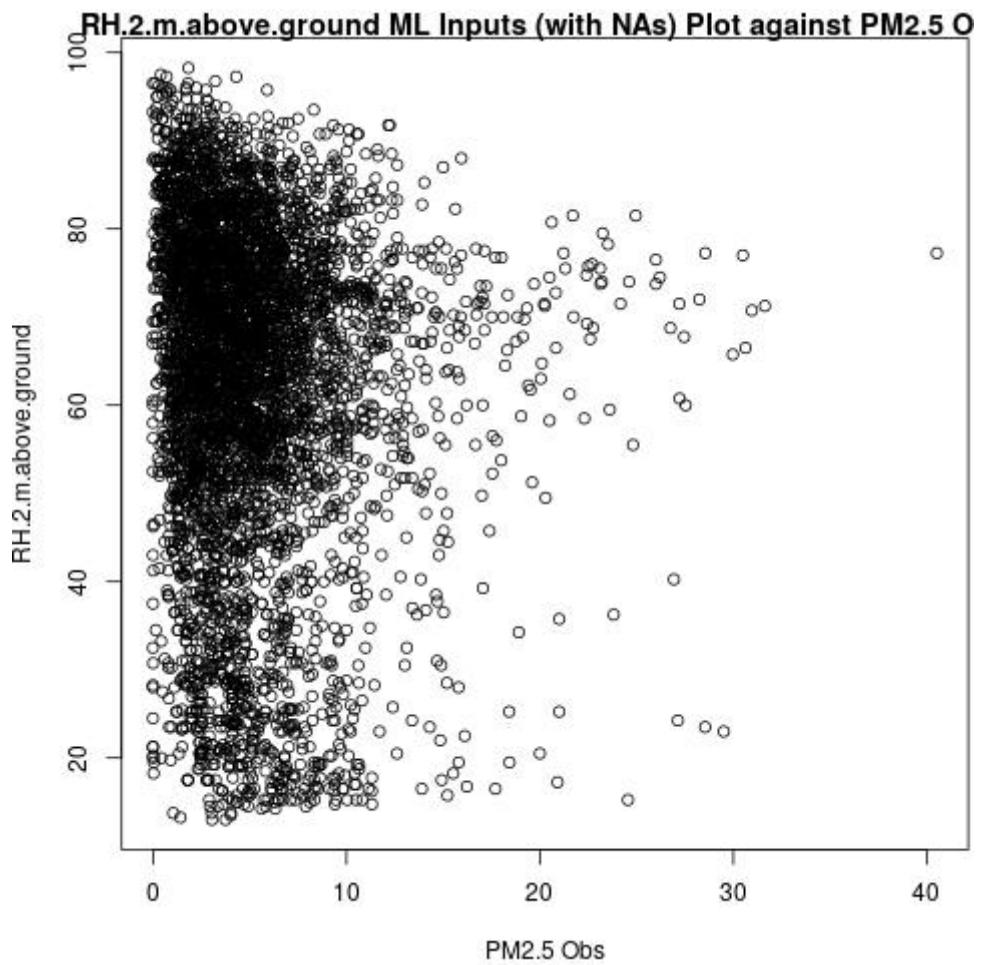


Figure 41: ML Inputs (with NAs) Plot against PM2.5 Obs

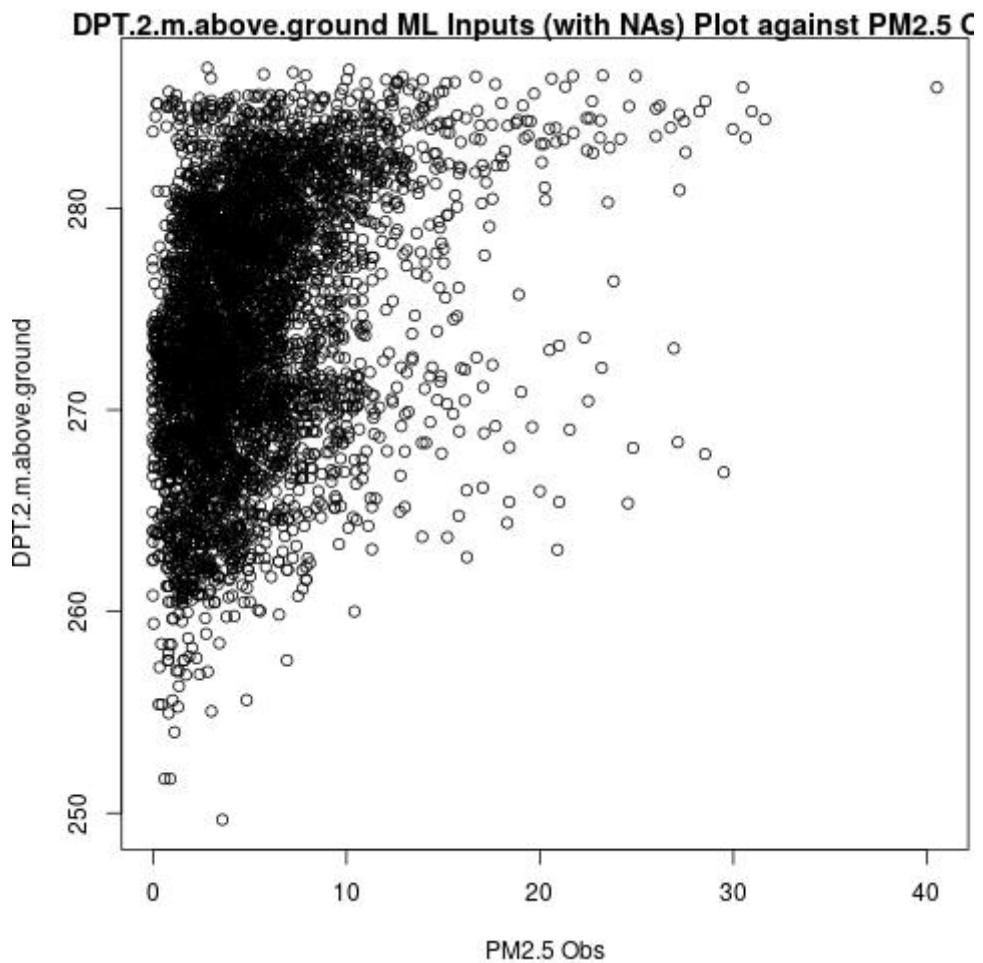


Figure 42: ML Inputs (with NAs) Plot against PM2.5 Obs

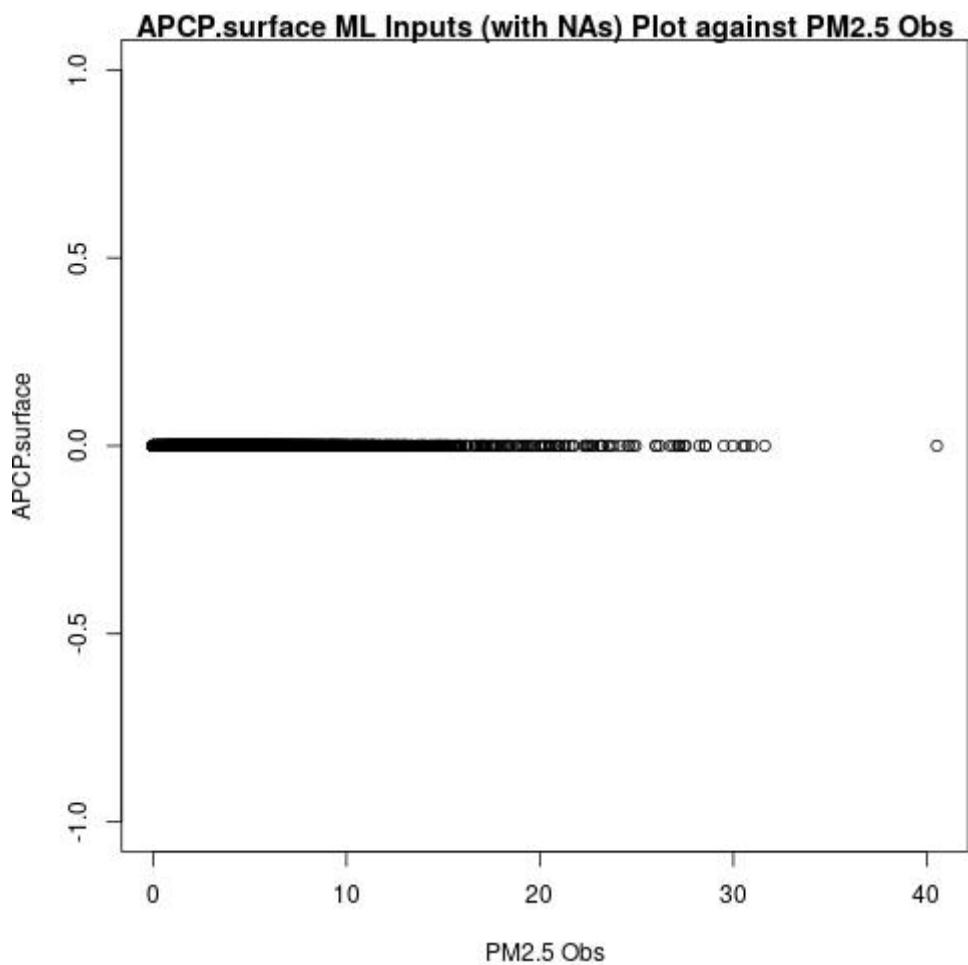


Figure 43: ML Inputs (with NAs) Plot against PM2.5 Obs

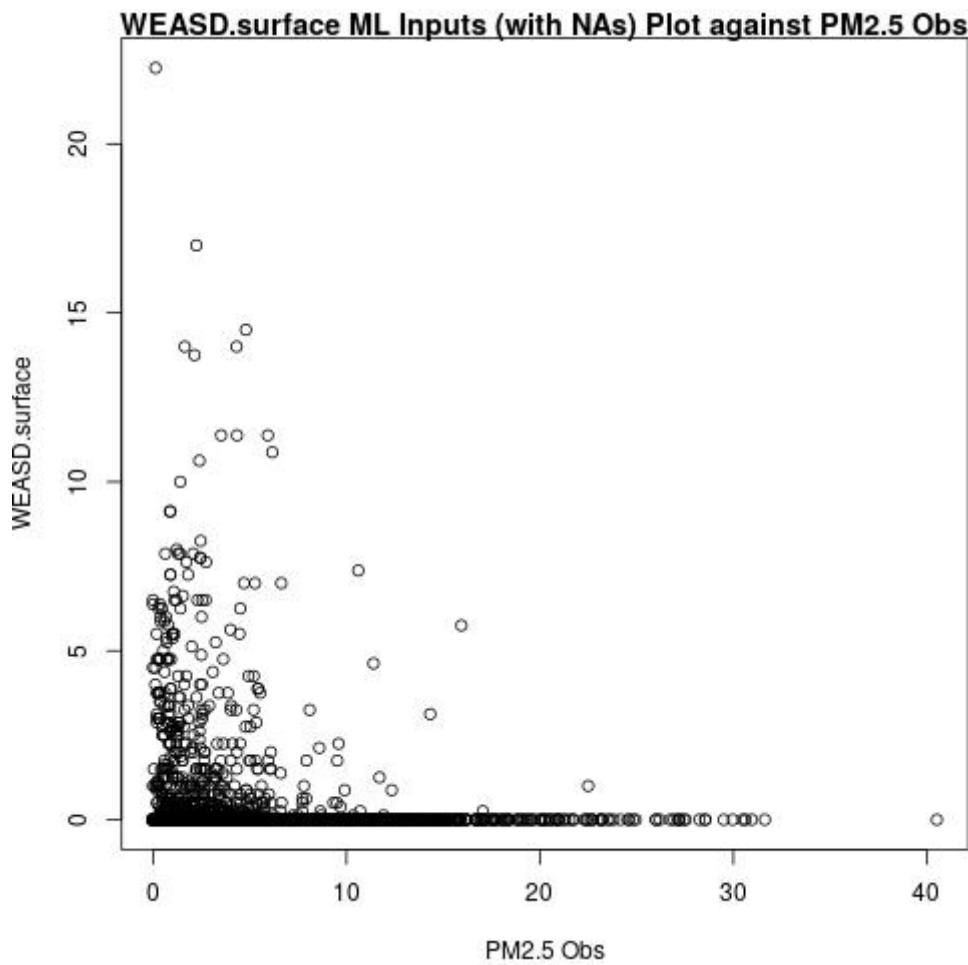


Figure 44: ML Inputs (with NAs) Plot against PM2.5 Obs

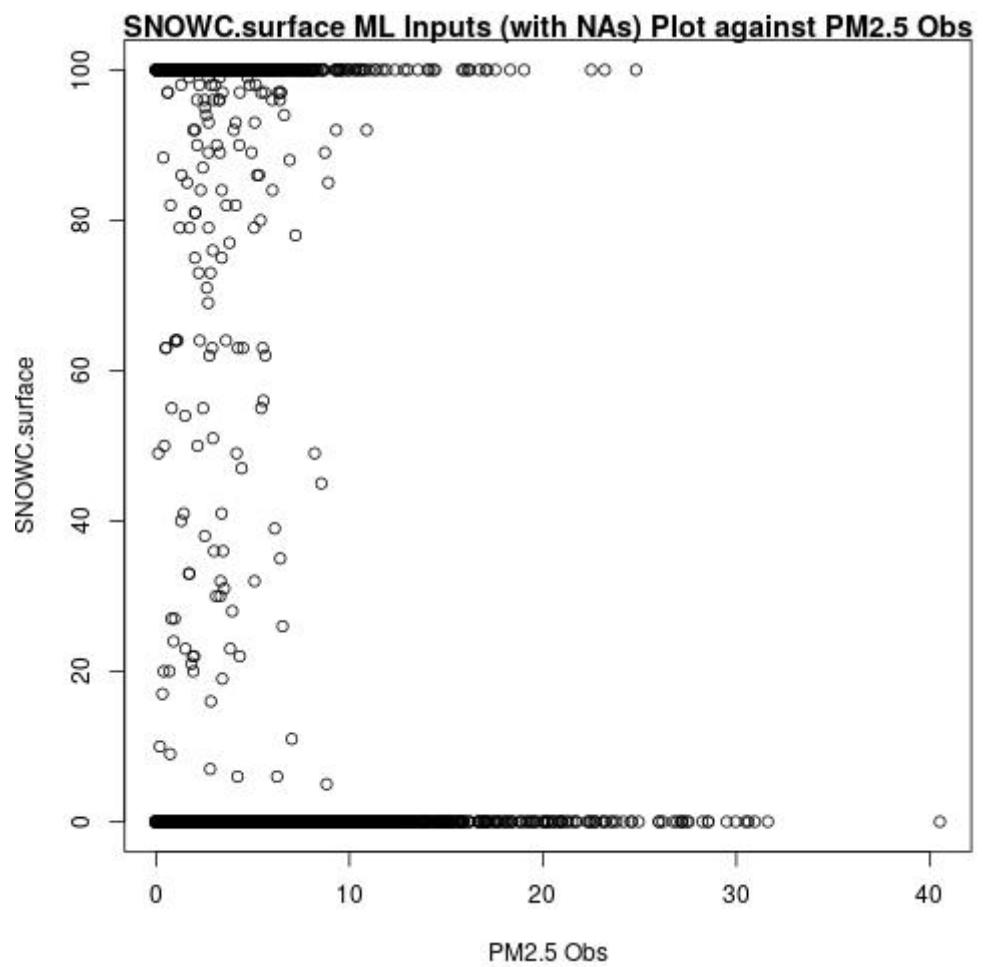


Figure 45: ML Inputs (with NAs) Plot against PM2.5 Obs

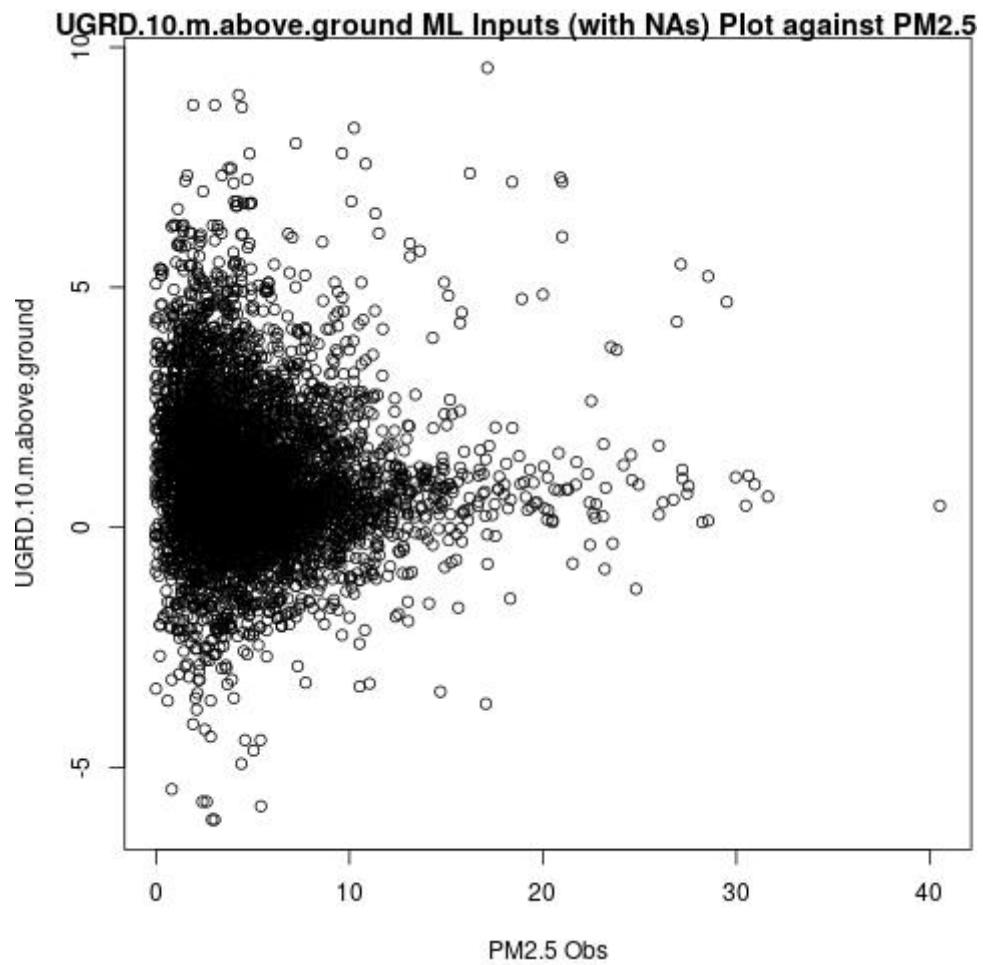


Figure 46: ML Inputs (with NAs) Plot against PM2.5 Obs

**VGRD.10.m.above.ground ML Inputs (with NAs) Plot against PM2.5**

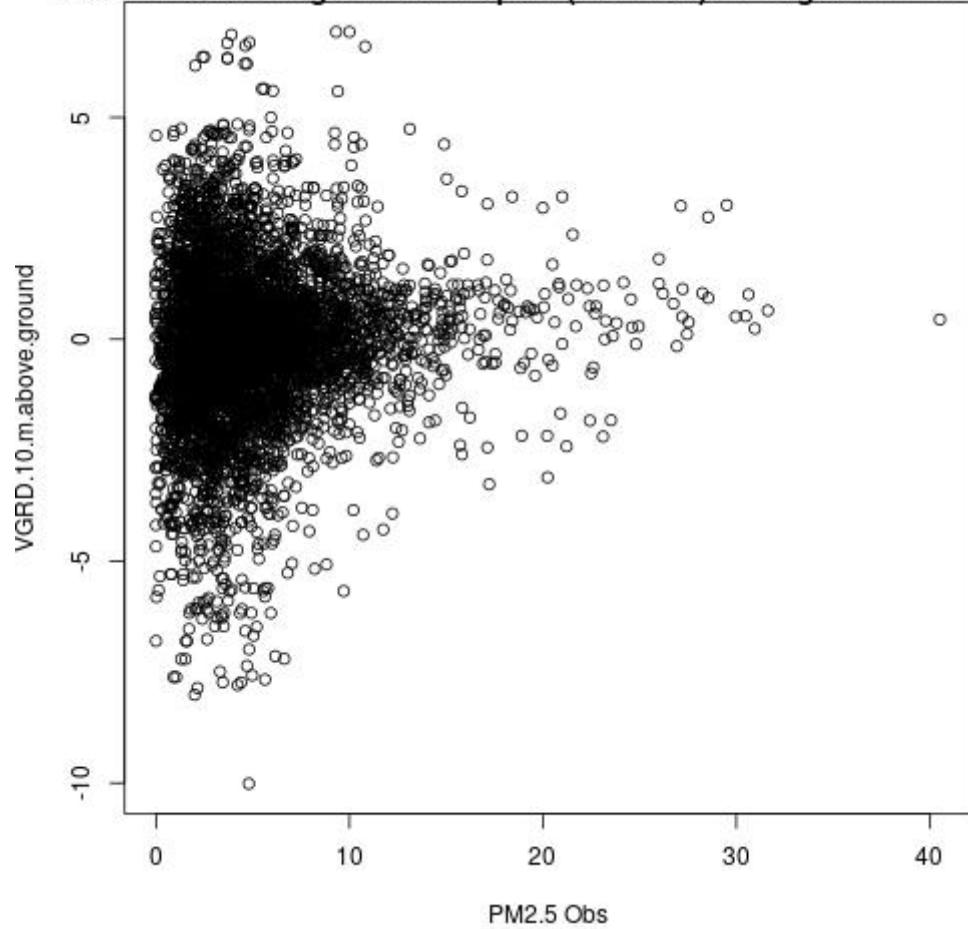


Figure 47: ML Inputs (with NAs) Plot against PM2.5 Obs

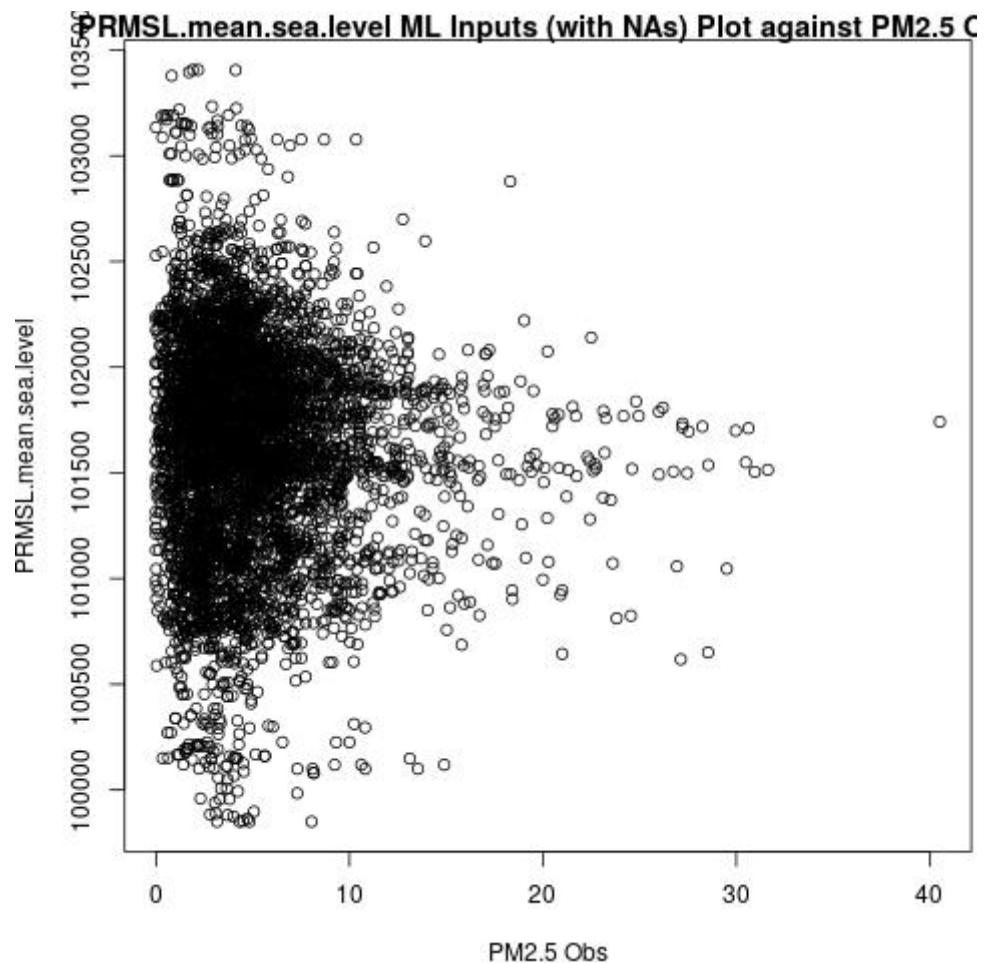


Figure 48: ML Inputs (with NAs) Plot against PM2.5 Obs

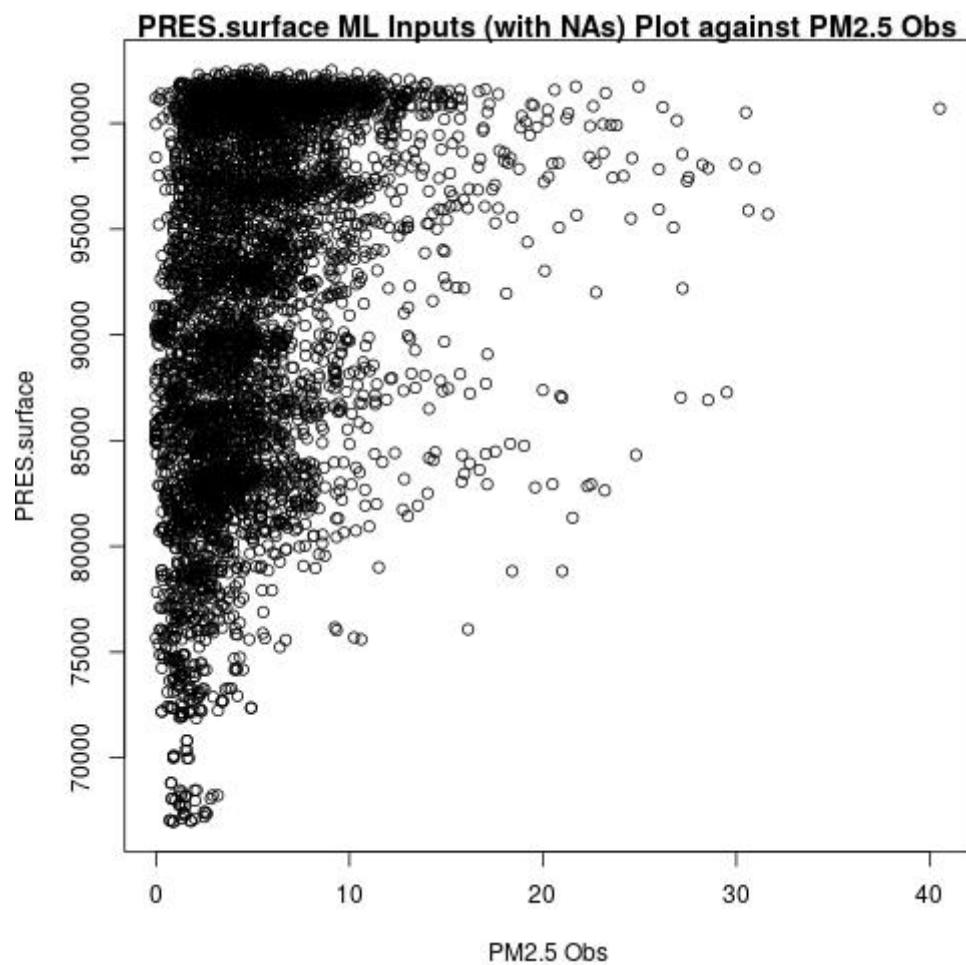


Figure 49: ML Inputs (with NAs) Plot against PM2.5 Obs

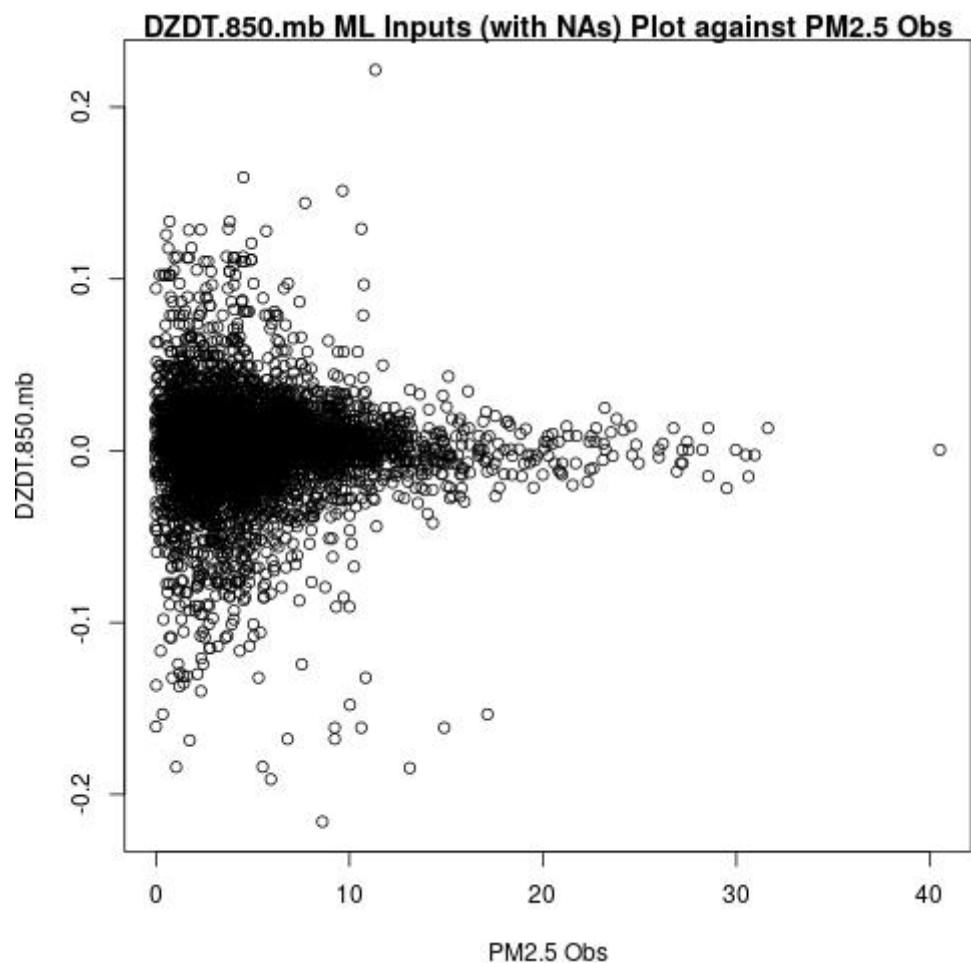


Figure 50: ML Inputs (with NAs) Plot against PM2.5 Obs

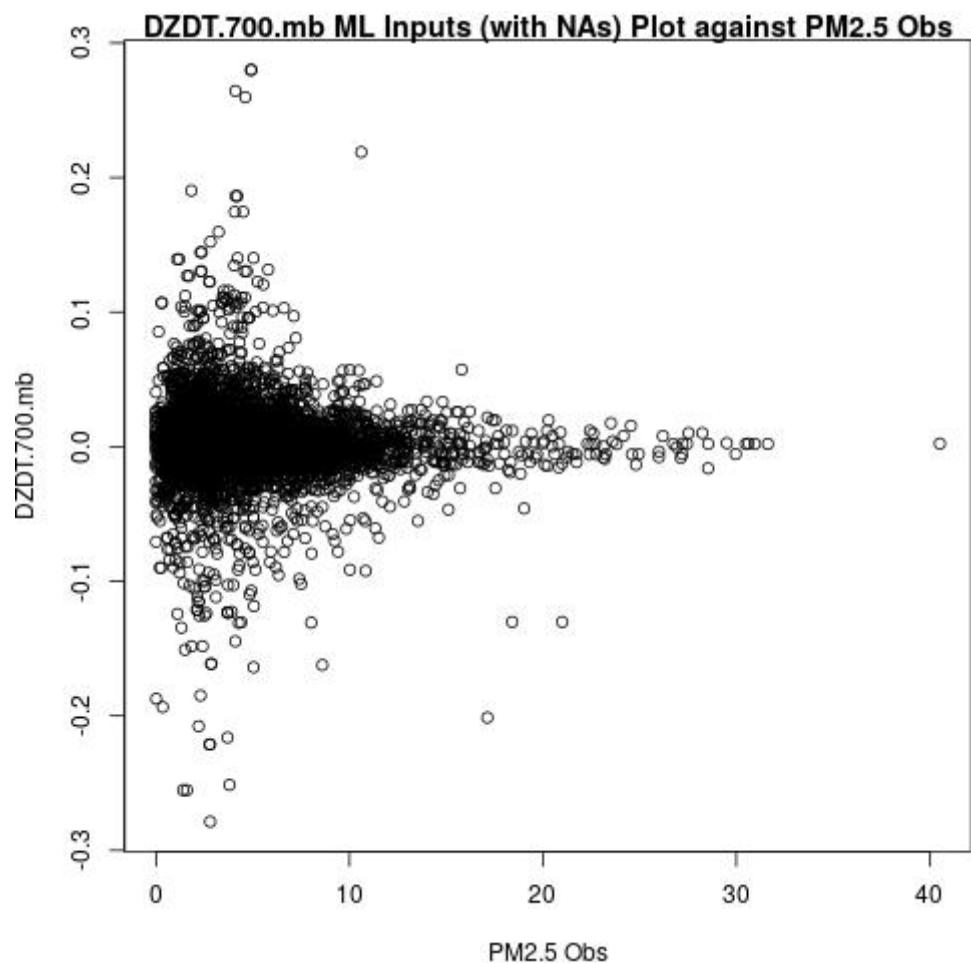


Figure 51: ML Inputs (with NAs) Plot against PM2.5 Obs

**ML Inputs (with NAs) PM2.5 Obs 2016-03-20**

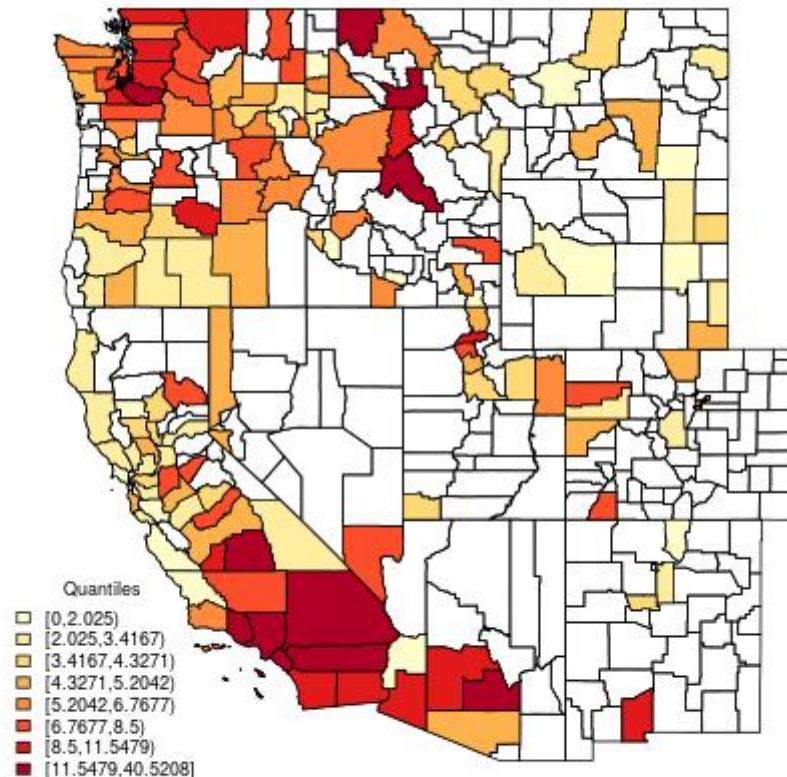


Figure 52: ML Inputs (with NAs) PM2.5 Obs 2016-03-20

**ML Inputs (with NAs) PM2.5 Obs 2016-03-19**

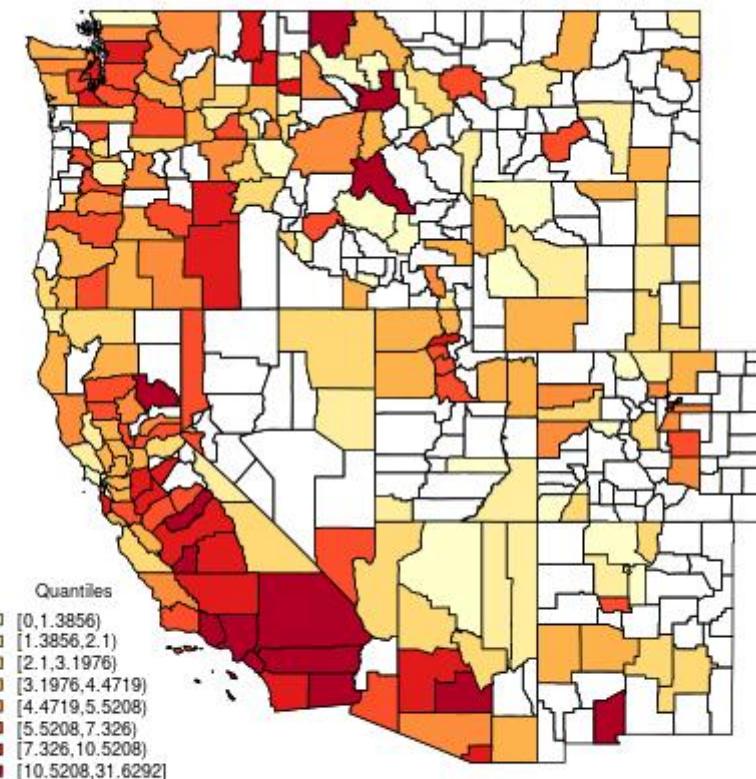


Figure 53: ML Inputs (with NAs) PM2.5 Obs 2016-03-19

**ML Inputs (with NAs) PM2.5 Obs 2016-03-22**

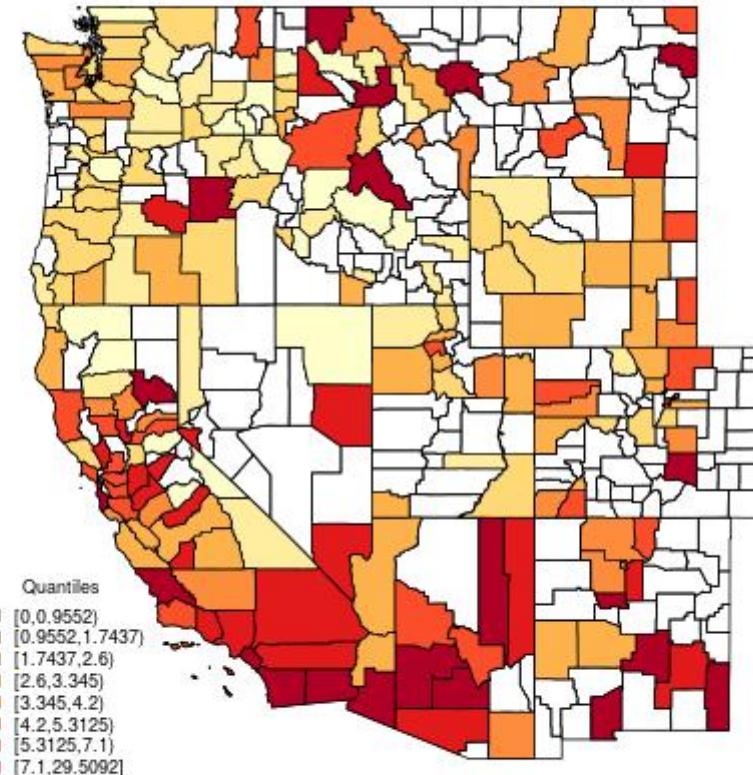


Figure 54: ML Inputs (with NAs) PM2.5 Obs 2016-03-22

**ML Inputs (with NAs) PM2.5 Obs 2016-03-24**

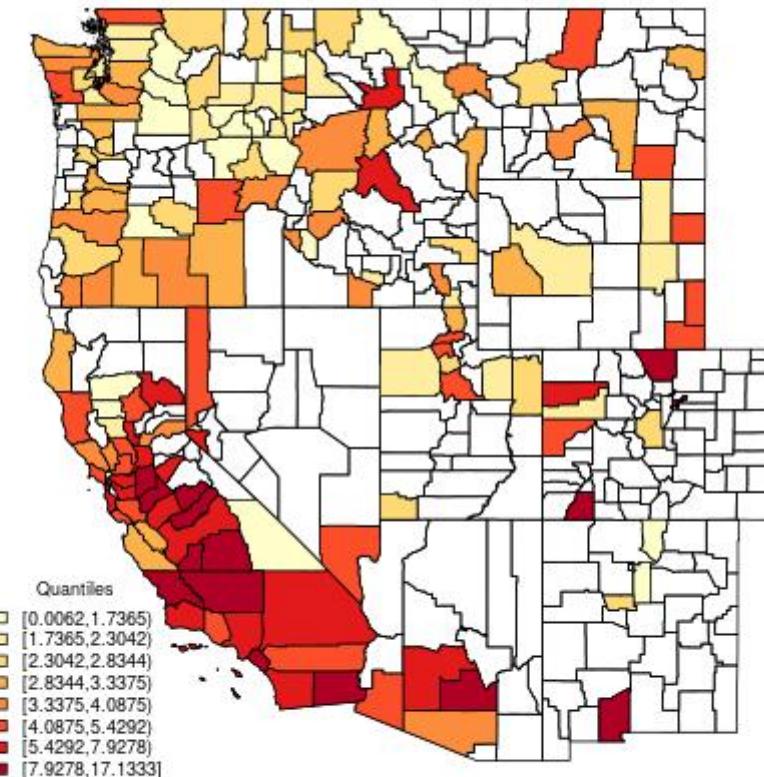


Figure 55: ML Inputs (with NAs) PM2.5 Obs 2016-03-24

**ML Inputs (with NAs) PM2.5 Obs 2016-04-01**

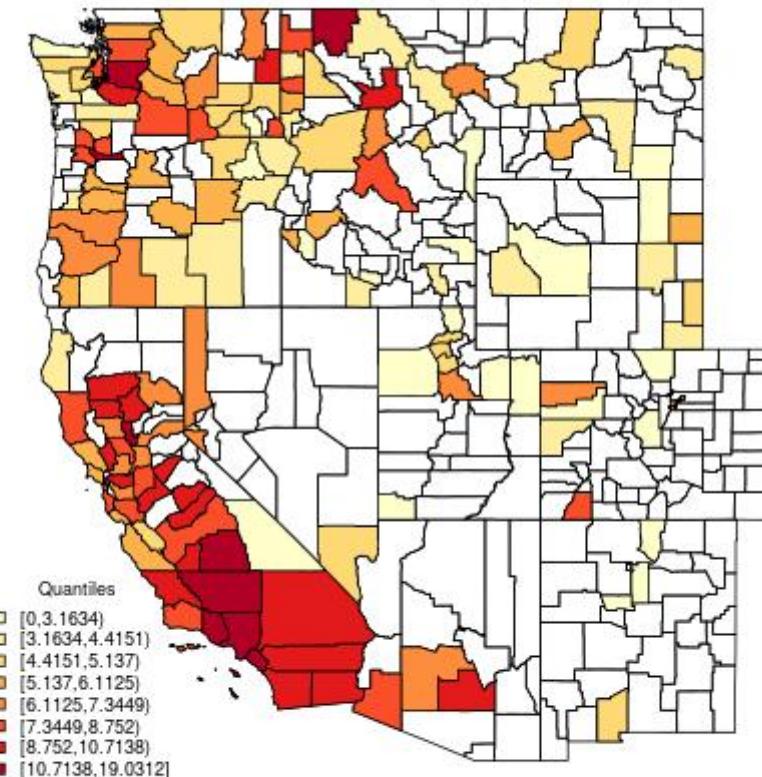


Figure 56: ML Inputs (with NAs) PM2.5 Obs 2016-04-01

**ML Inputs (with NAs) PM2.5 Obs 2016-04-02**

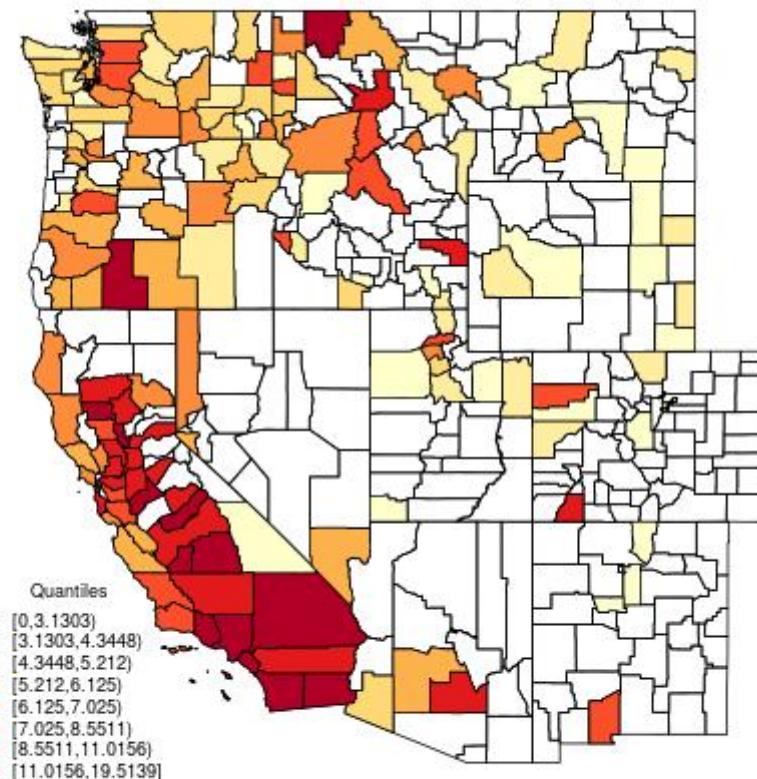


Figure 57: ML Inputs (with NAs) PM2.5 Obs 2016-04-02

**ML Inputs (with NAs) MAIAC AOD 2016-03-20**

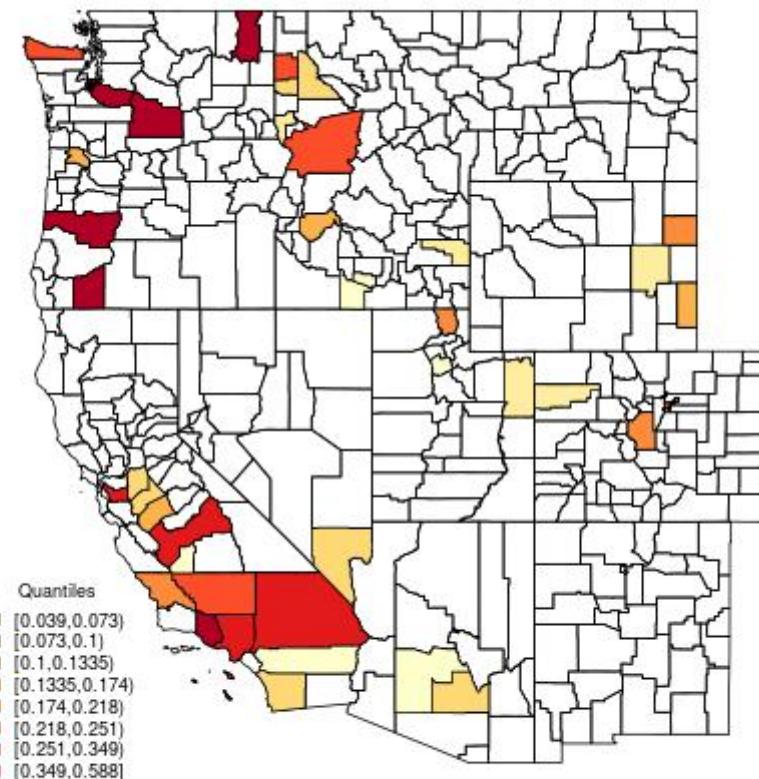


Figure 58: ML Inputs (with NAs) MAIAC AOD 2016-03-20

**ML Inputs (with NAs) MAIAC AOD 2016-03-19**

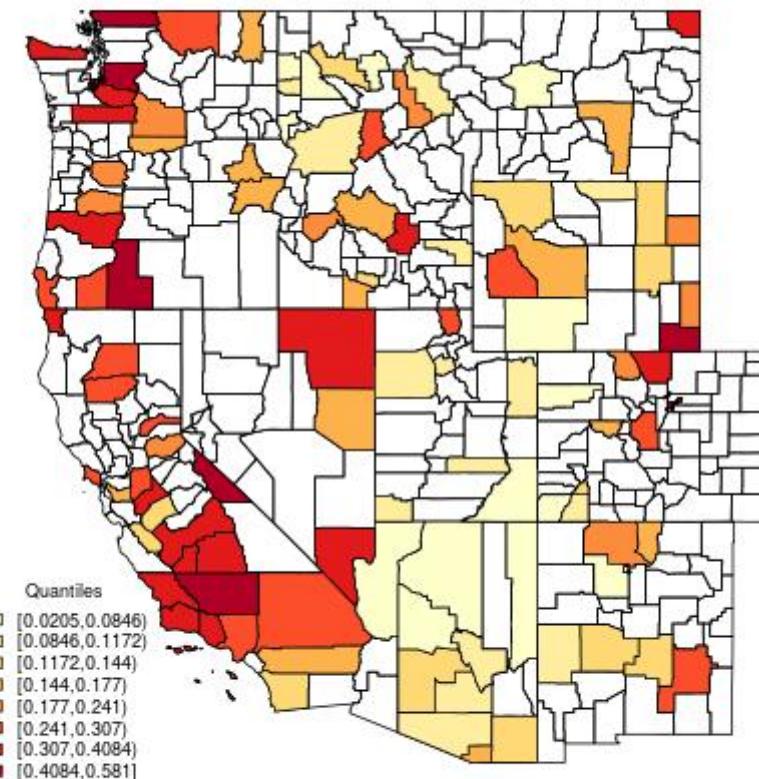


Figure 59: ML Inputs (with NAs) MAIAC AOD 2016-03-19

**ML Inputs (with NAs) MAIAC AOD 2016-03-22**

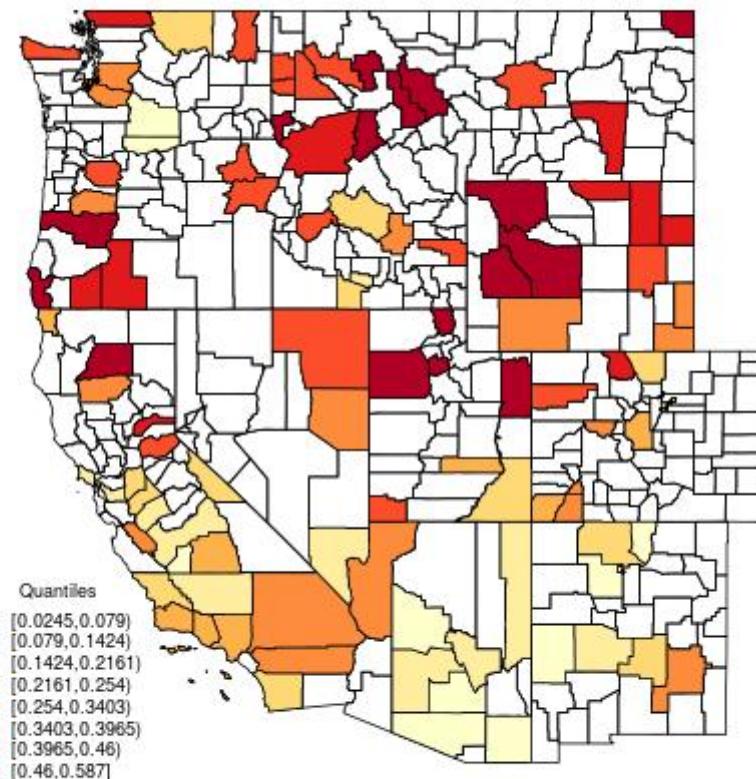


Figure 60: ML Inputs (with NAs) MAIAC AOD 2016-03-22

**ML Inputs (with NAs) MAIAC AOD 2016-03-24**

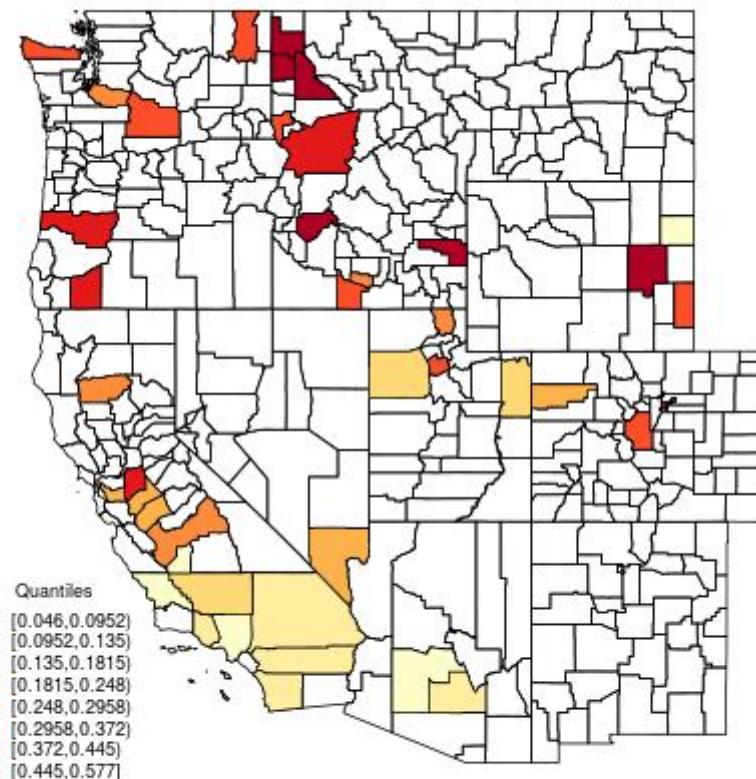


Figure 61: ML Inputs (with NAs) MAIAC AOD 2016-03-24

**ML Inputs (with NAs) MAIAC AOD 2016-04-01**

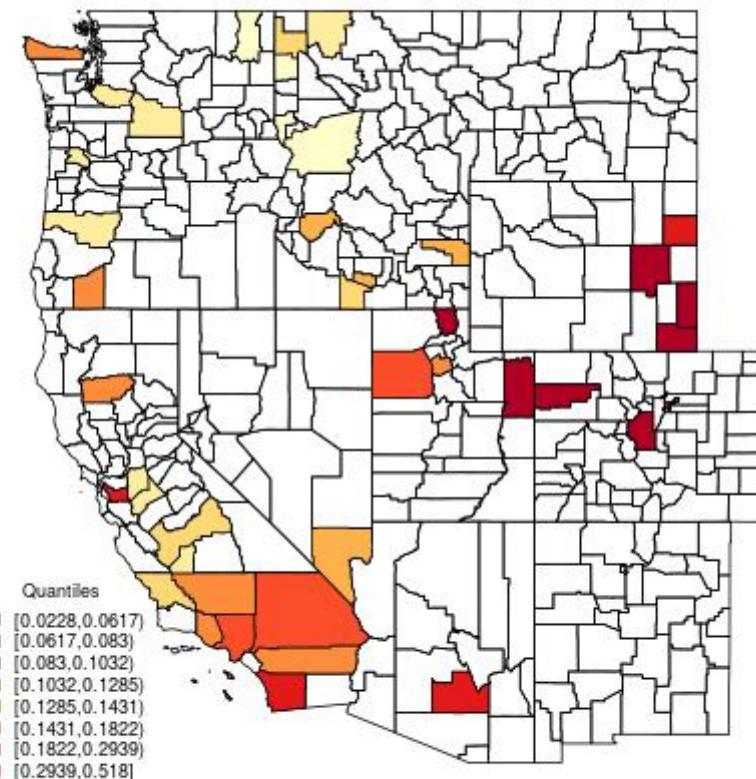


Figure 62: ML Inputs (with NAs) MAIAC AOD 2016-04-01

**ML Inputs (with NAs) MAIAC AOD 2016-04-02**

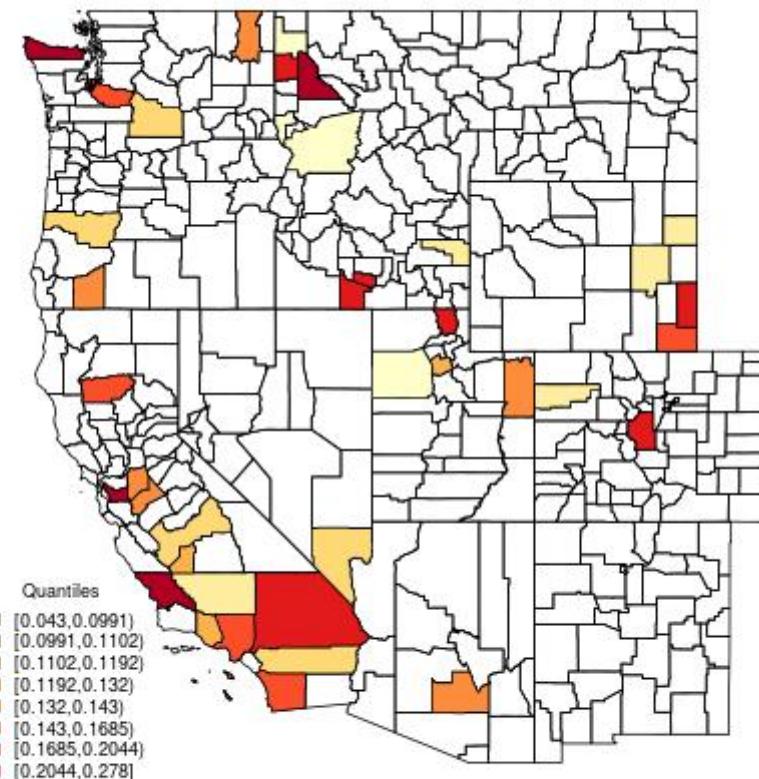


Figure 63: ML Inputs (with NAs) MAIAC AOD 2016-04-02

**ML Inputs (with NAs) HPBL.surface 2016-03-20**

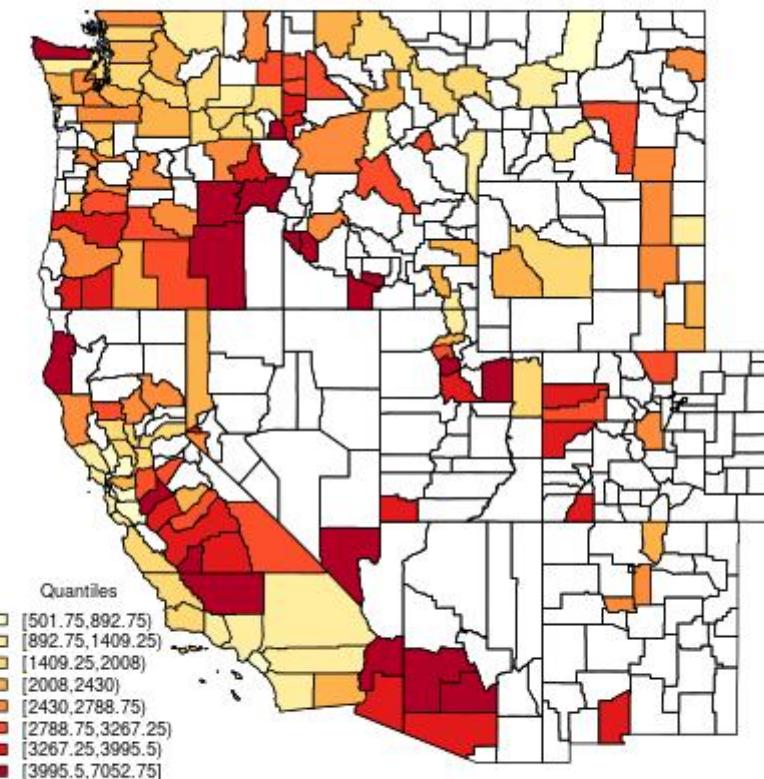


Figure 64: ML Inputs (with NAs) HPBL.surface 2016-03-20

**ML Inputs (with NAs) HPBL.surface 2016-03-19**

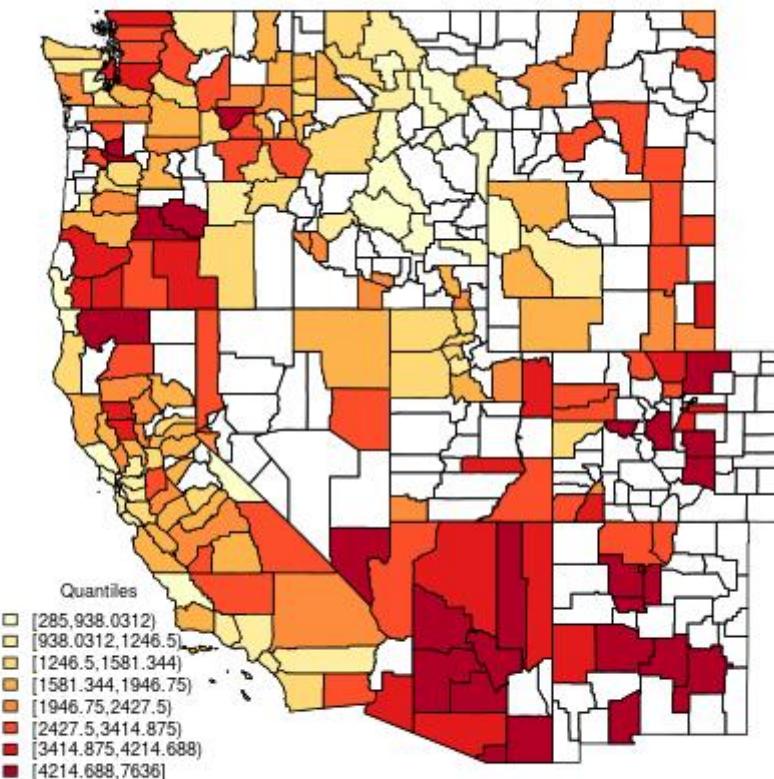


Figure 65: ML Inputs (with NAs) HPBL.surface 2016-03-19

**ML Inputs (with NAs) HPBL.surface 2016-03-22**

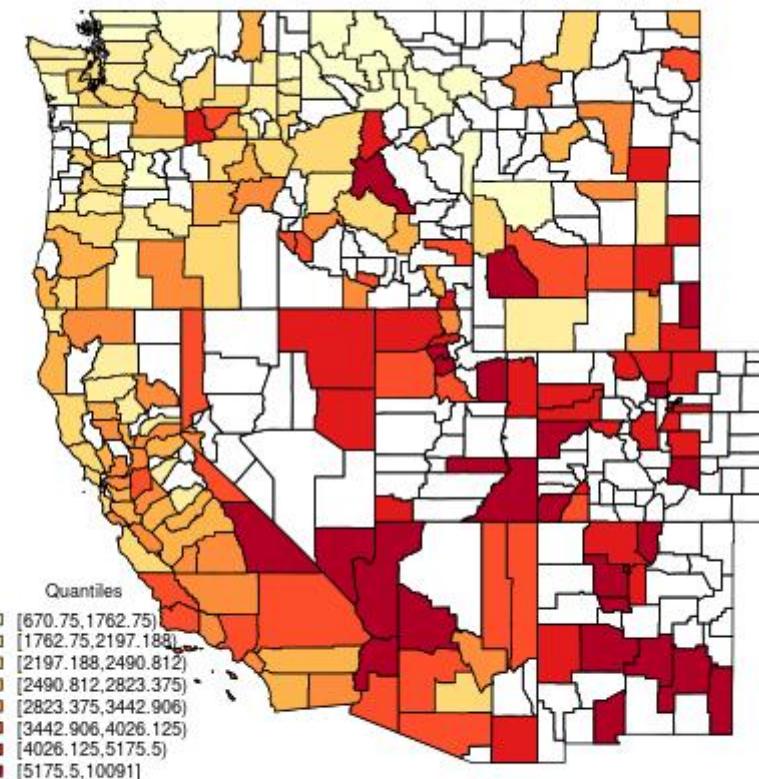


Figure 66: ML Inputs (with NAs) HPBL.surface 2016-03-22

**ML Inputs (with NAs) HPBL.surface 2016-03-24**

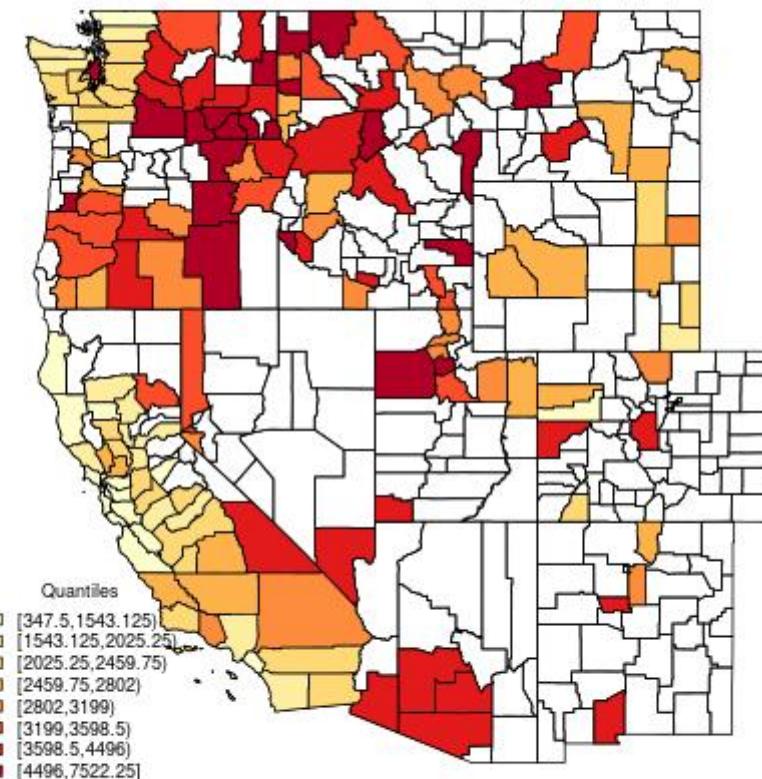


Figure 67: ML Inputs (with NAs) HPBL.surface 2016-03-24

**ML Inputs (with NAs) HPBL.surface 2016-04-01**

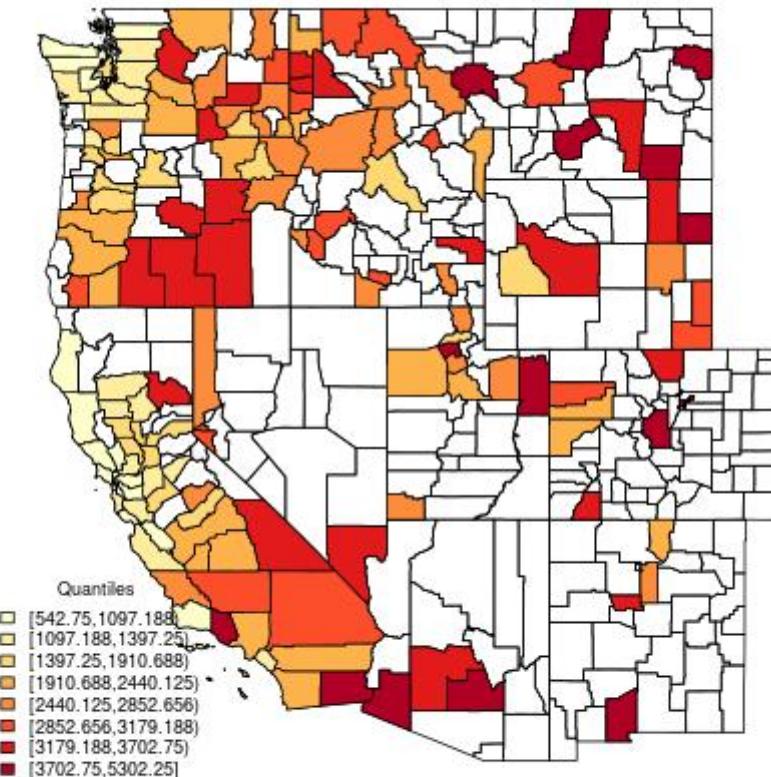


Figure 68: ML Inputs (with NAs) HPBL.surface 2016-04-01

**ML Inputs (with NAs) HPBL.surface 2016-04-02**

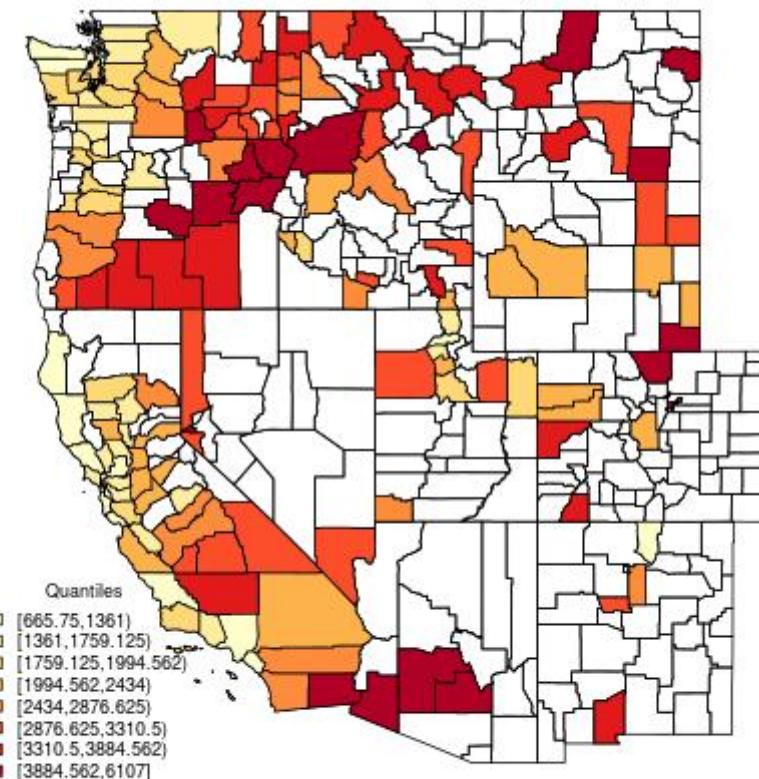


Figure 69: ML Inputs (with NAs) HPBL.surface 2016-04-02

**ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-20**

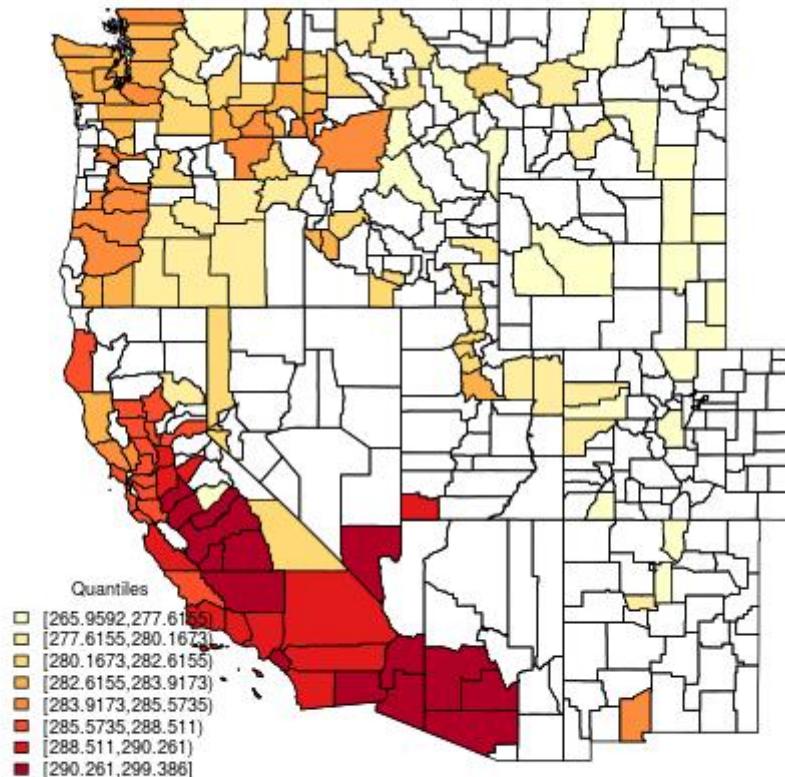


Figure 70: ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-20

**ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-19**

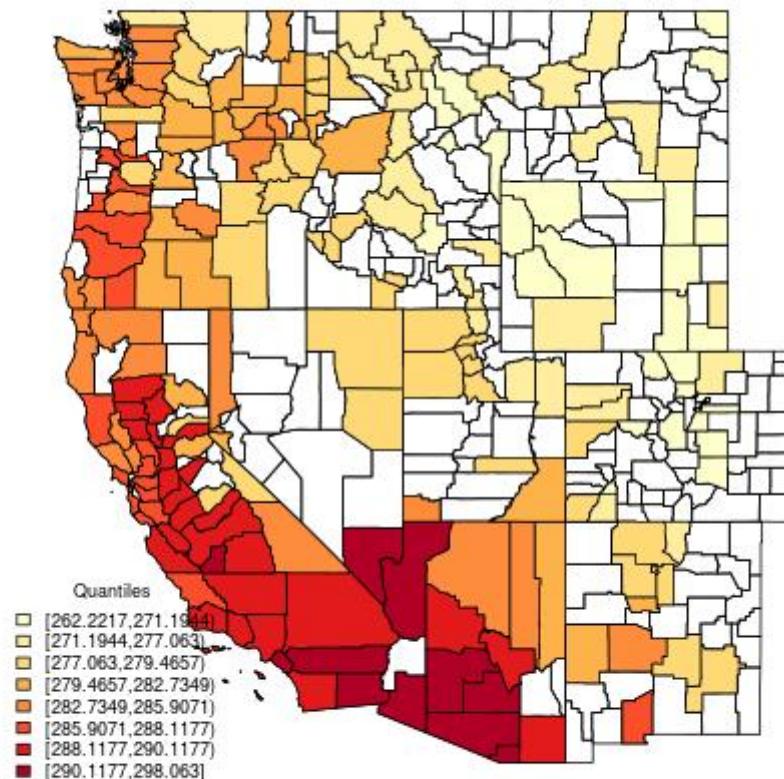


Figure 71: ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-19

**ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-22**

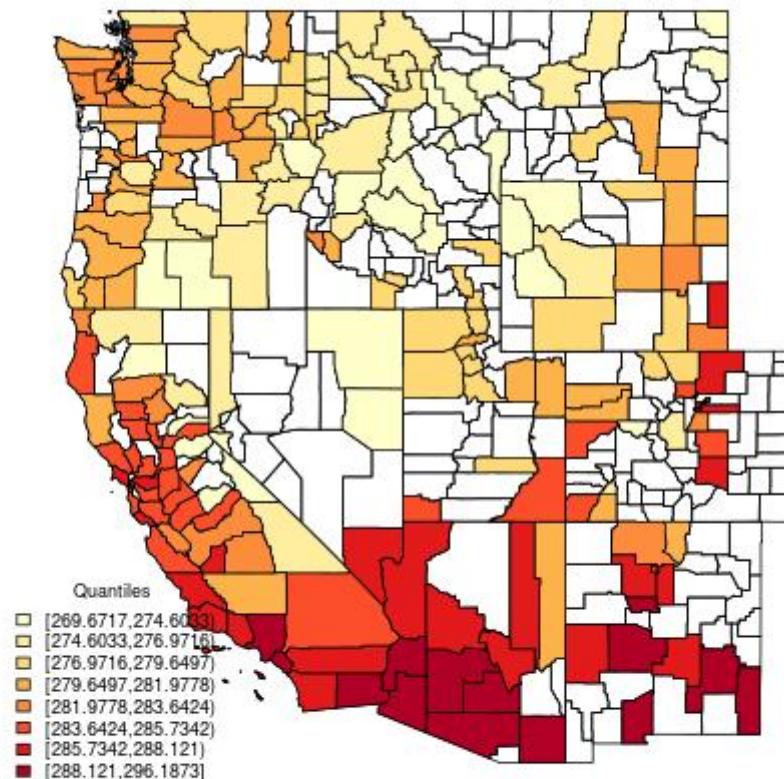


Figure 72: ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-22

**ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-24**

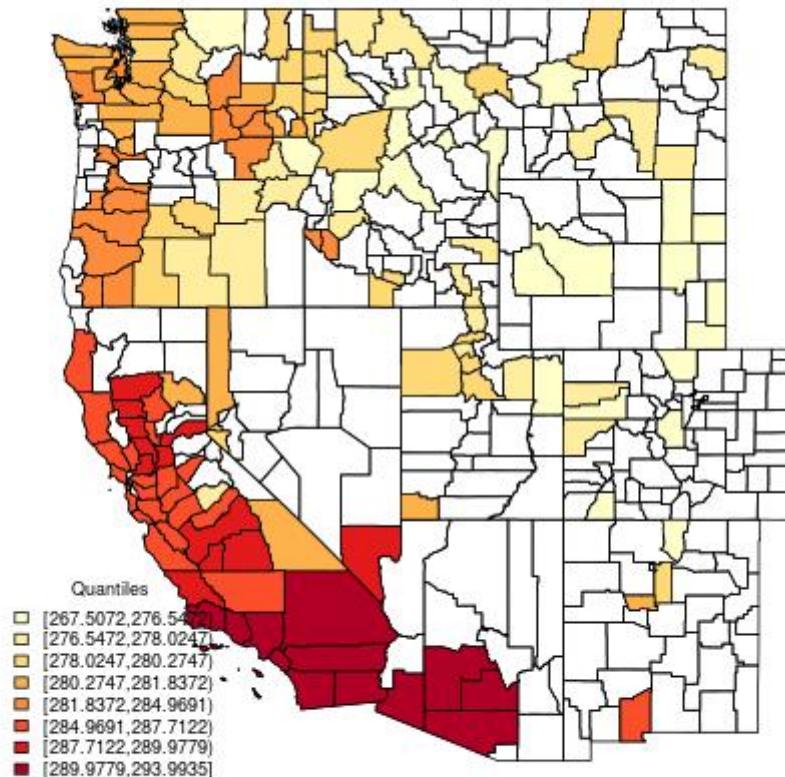


Figure 73: ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-24

**ML Inputs (with NAs) TMP.2.m.above.ground 2016-04-01**

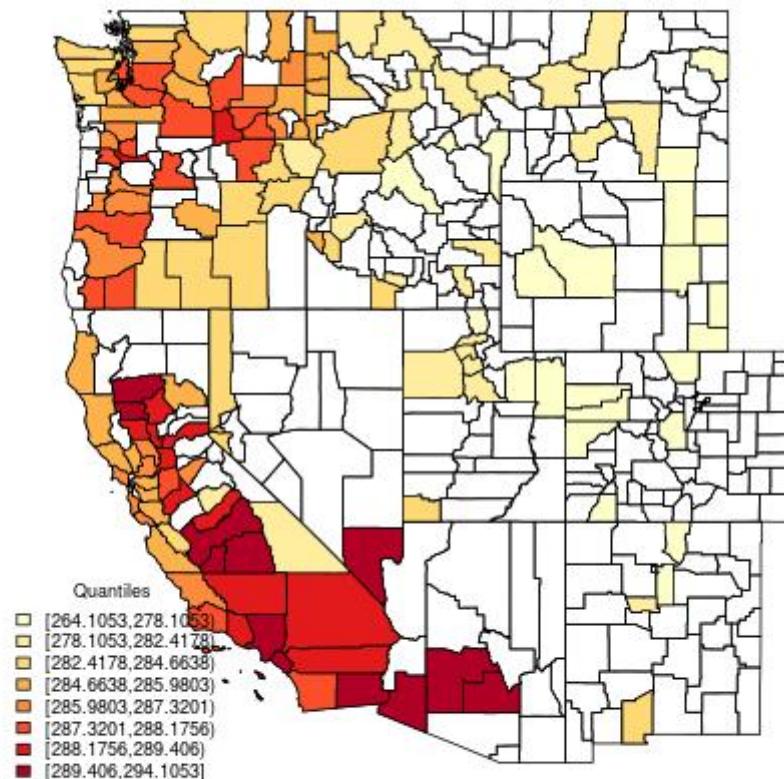


Figure 74: ML Inputs (with NAs) TMP.2.m.above.ground 2016-04-01

**ML Inputs (with NAs) TMP.2.m.above.ground 2016-04-02**

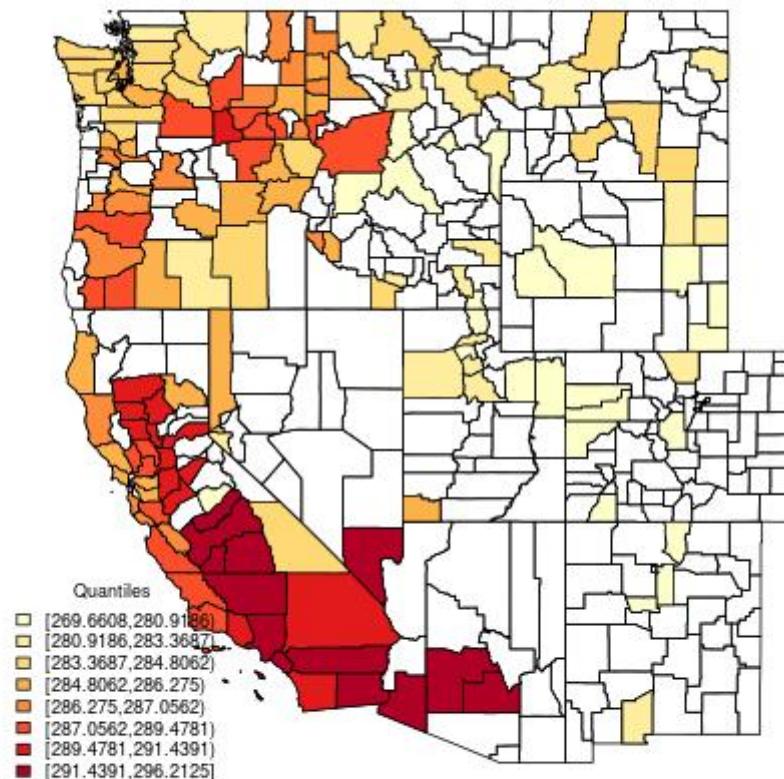


Figure 75: ML Inputs (with NAs) TMP.2.m.above.ground 2016-04-02

**ML Inputs (with NAs) RH.2.m.above.ground 2016-03-20**

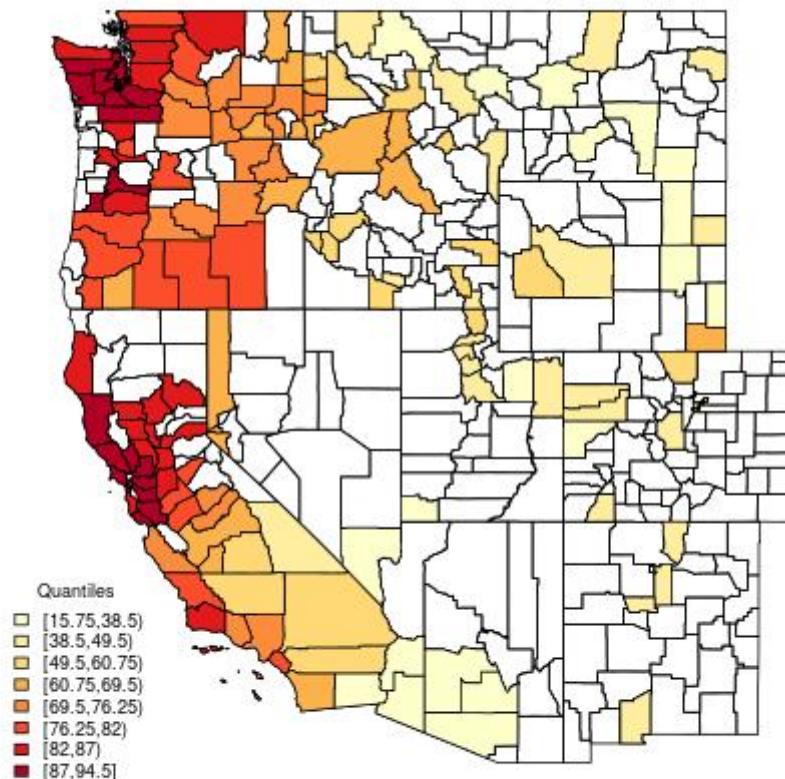


Figure 76: ML Inputs (with NAs) RH.2.m.above.ground 2016-03-20

**ML Inputs (with NAs) RH.2.m.above.ground 2016-03-19**

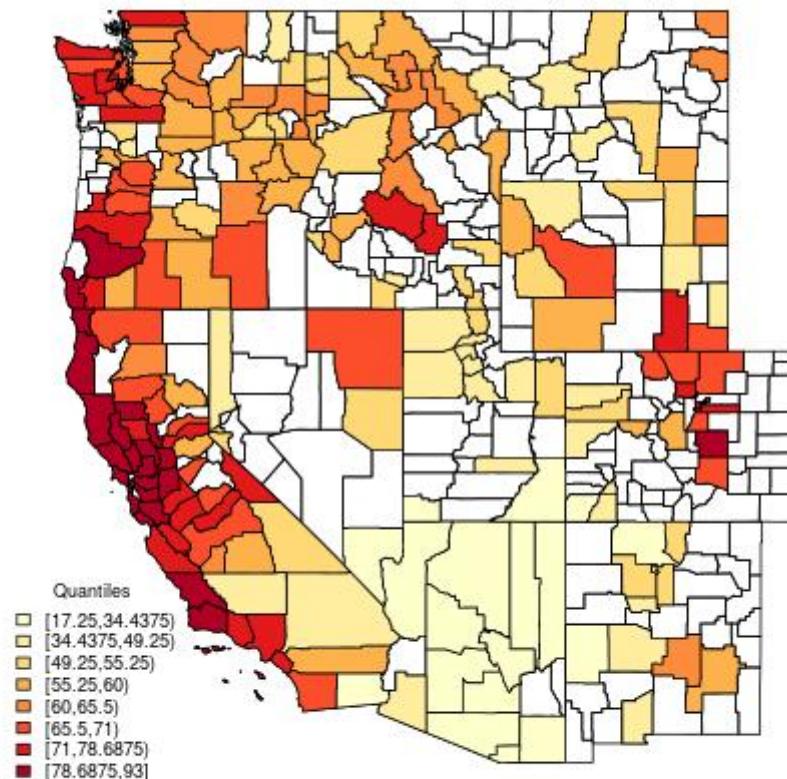


Figure 77: ML Inputs (with NAs) RH.2.m.above.ground 2016-03-19

**ML Inputs (with NAs) RH.2.m.above.ground 2016-03-22**

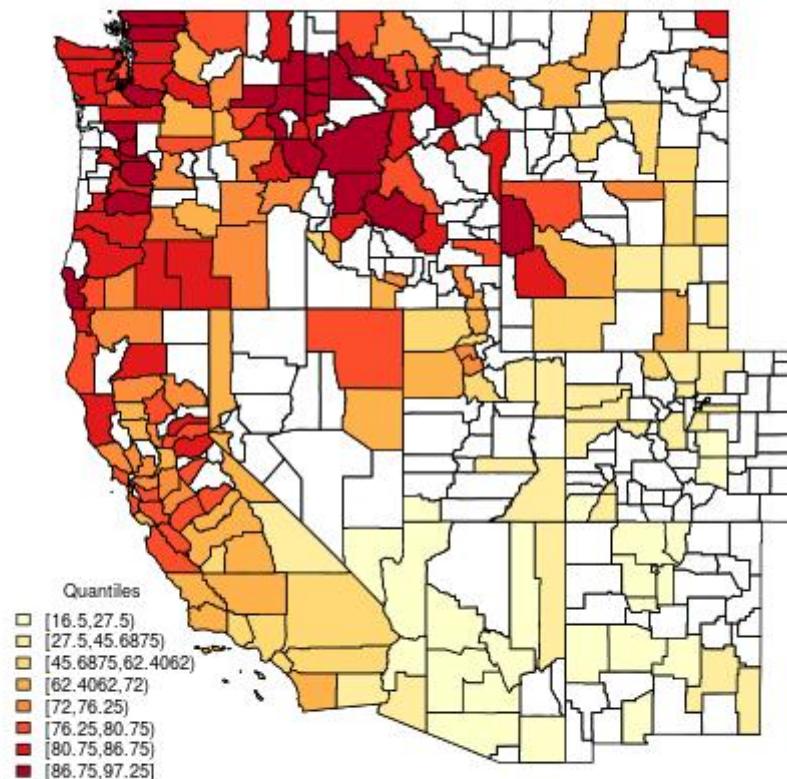


Figure 78: ML Inputs (with NAs) RH.2.m.above.ground 2016-03-22

**ML Inputs (with NAs) RH.2.m.above.ground 2016-03-24**

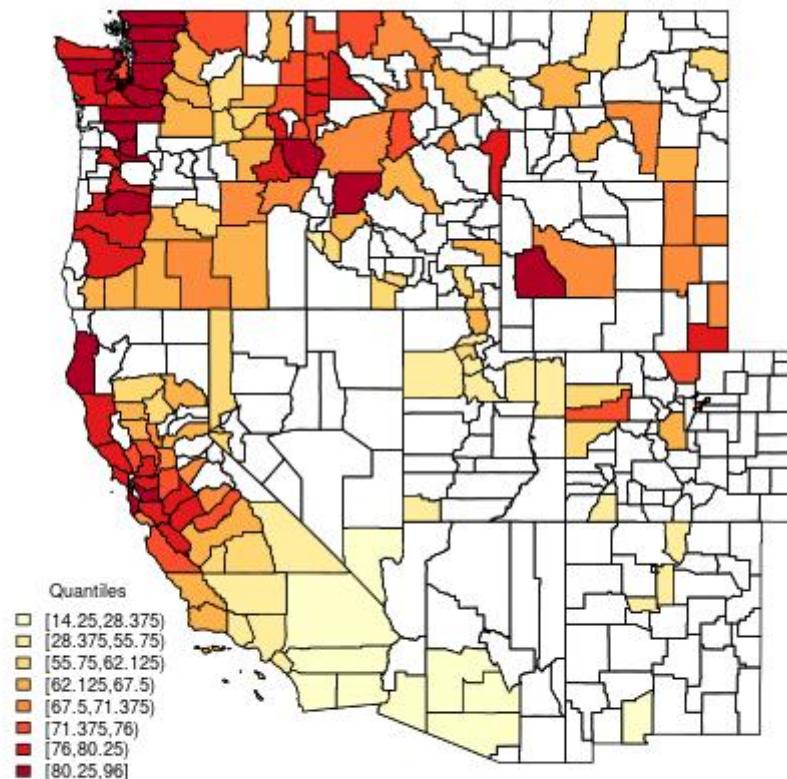


Figure 79: ML Inputs (with NAs) RH.2.m.above.ground 2016-03-24

**ML Inputs (with NAs) RH.2.m.above.ground 2016-04-01**

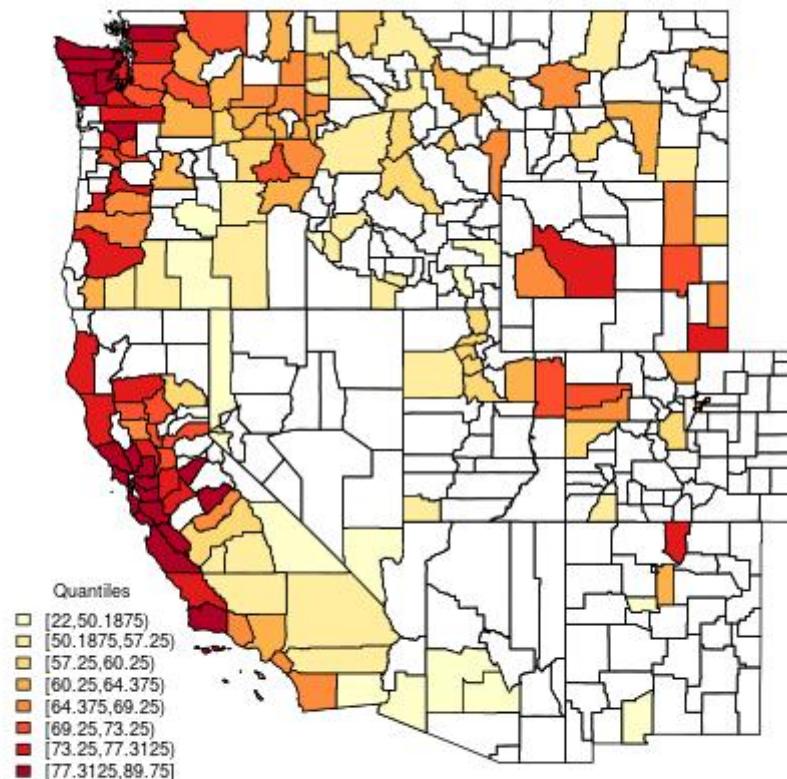


Figure 80: ML Inputs (with NAs) RH.2.m.above.ground 2016-04-01

**ML Inputs (with NAs) RH.2.m.above.ground 2016-04-02**

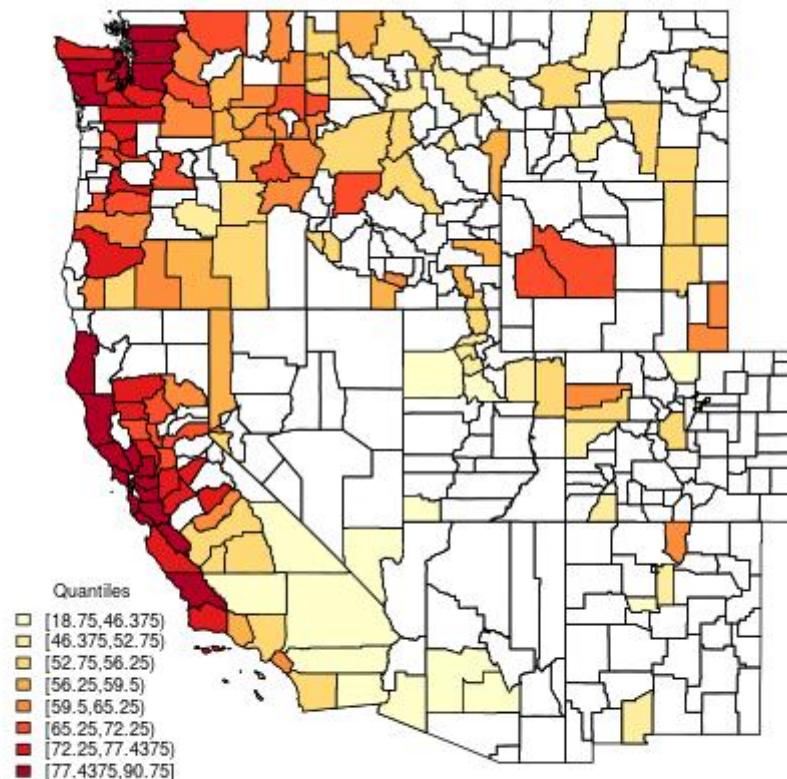


Figure 81: ML Inputs (with NAs) RH.2.m.above.ground 2016-04-02

**ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-20**

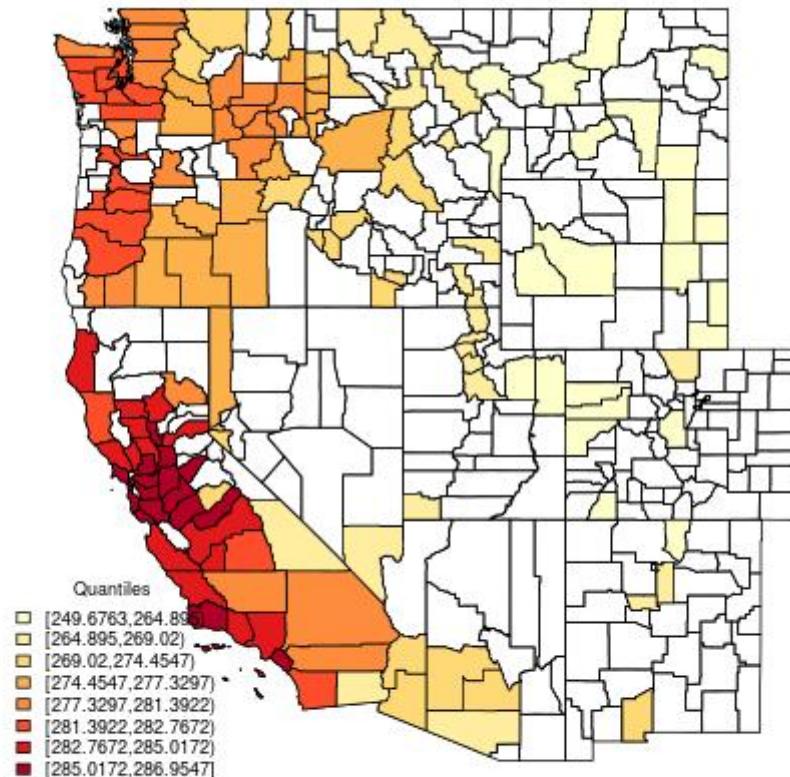


Figure 82: ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-20

**ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-19**

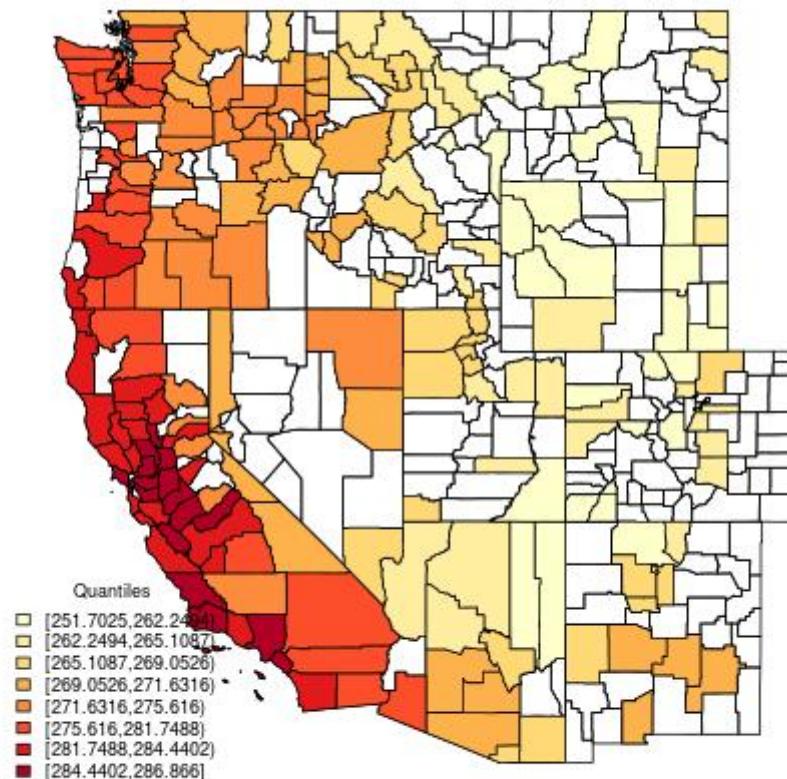


Figure 83: ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-19

**ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-22**

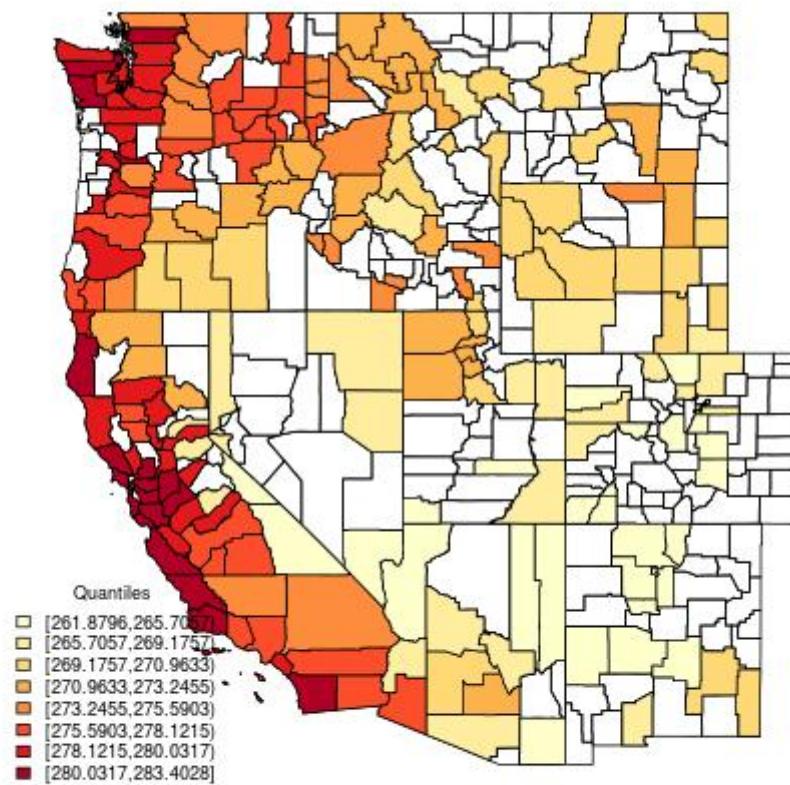


Figure 84: ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-22

**ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-24**

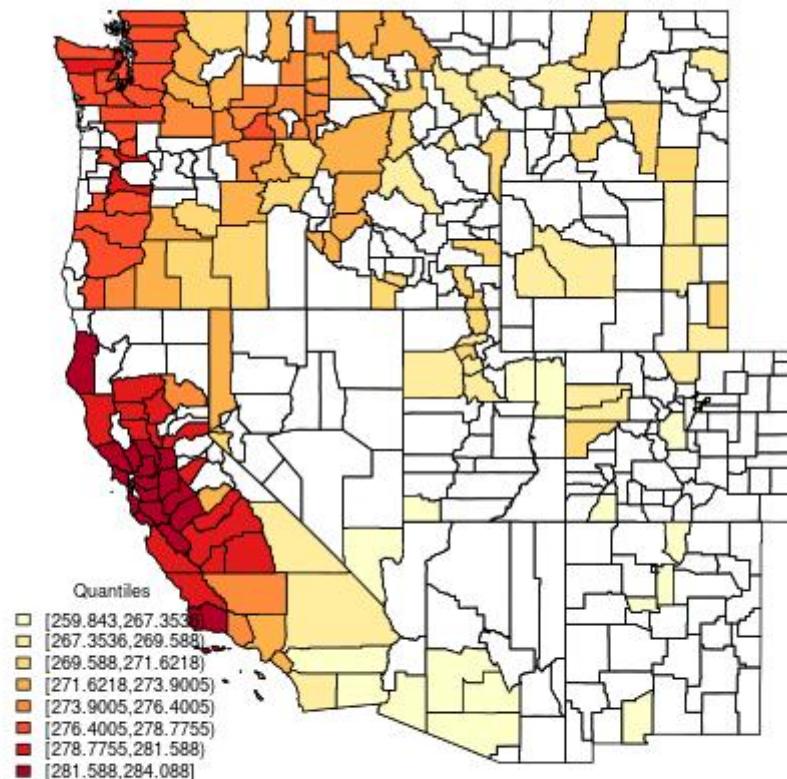


Figure 85: ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-24

**ML Inputs (with NAs) DPT.2.m.above.ground 2016-04-01**

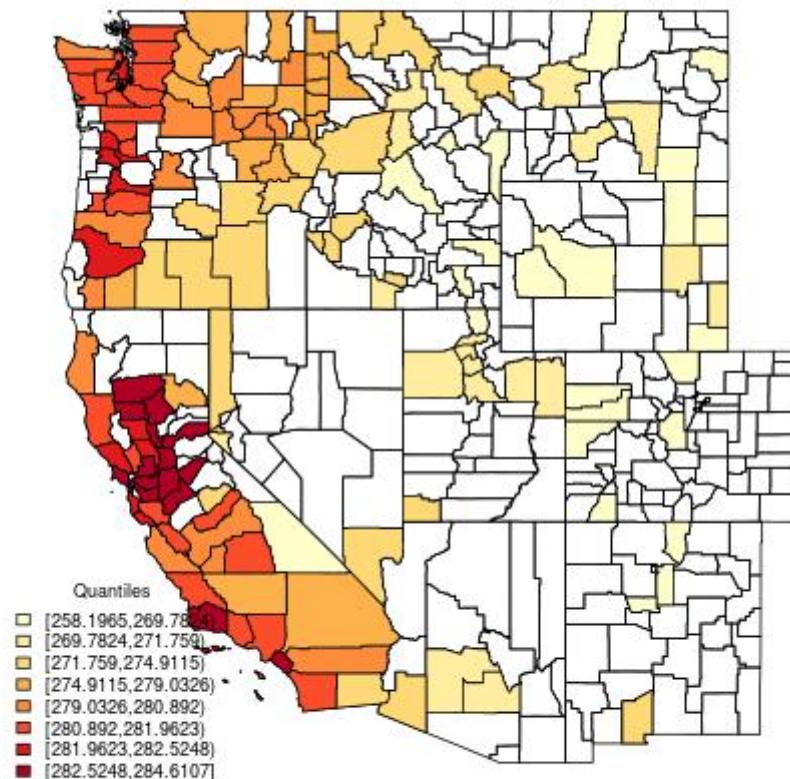


Figure 86: ML Inputs (with NAs) DPT.2.m.above.ground 2016-04-01

**ML Inputs (with NAs) DPT.2.m.above.ground 2016-04-02**

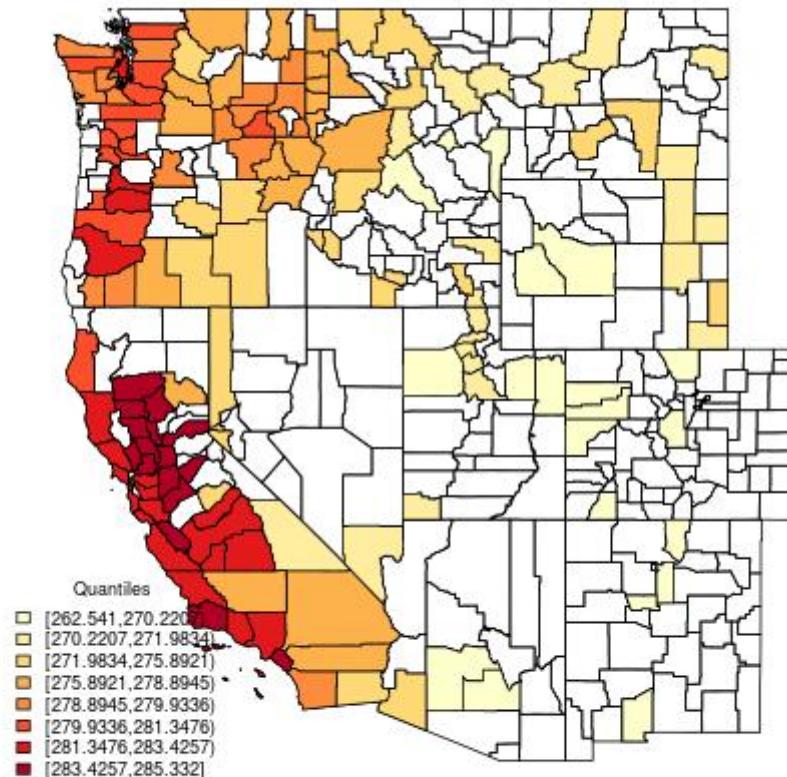


Figure 87: ML Inputs (with NAs) DPT.2.m.above.ground 2016-04-02

**ML Inputs (with NAs) WEASD.surface 2016-03-19**

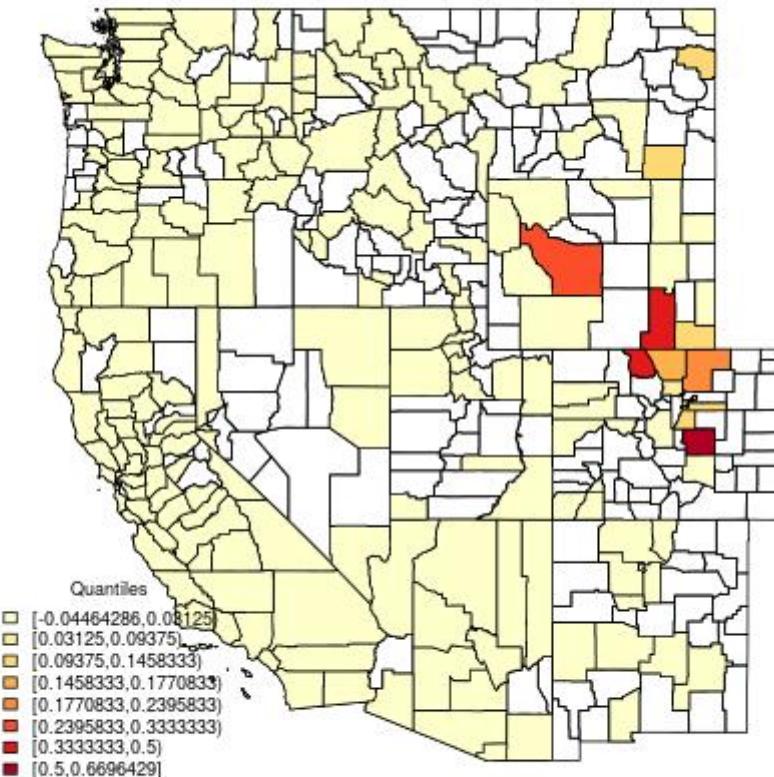


Figure 88: ML Inputs (with NAs) WEASD.surface 2016-03-19

**ML Inputs (with NAs) WEASD.surface 2016-03-22**

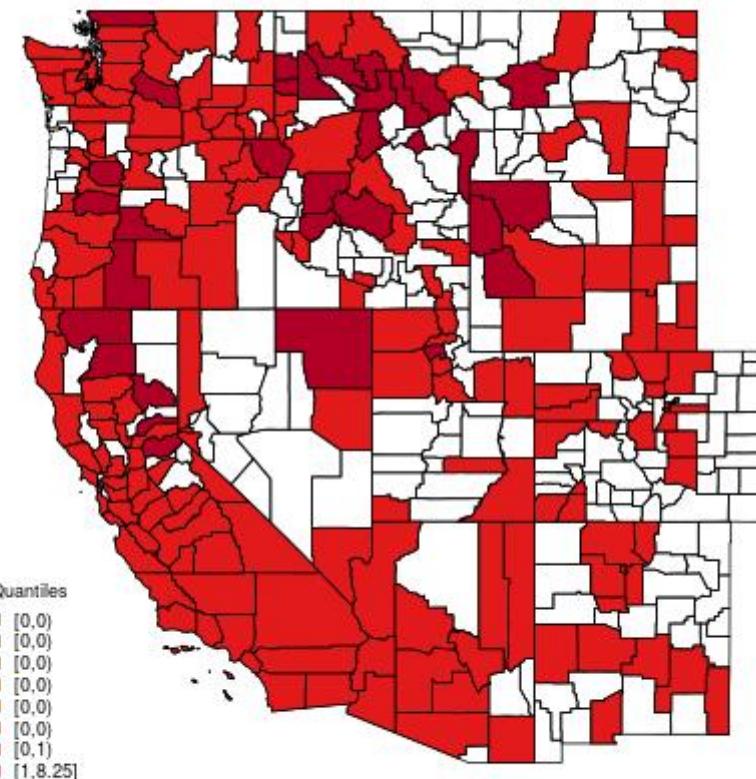


Figure 89: ML Inputs (with NAs) WEASD.surface 2016-03-22

**ML Inputs (with NAs) WEASD.surface 2016-03-24**

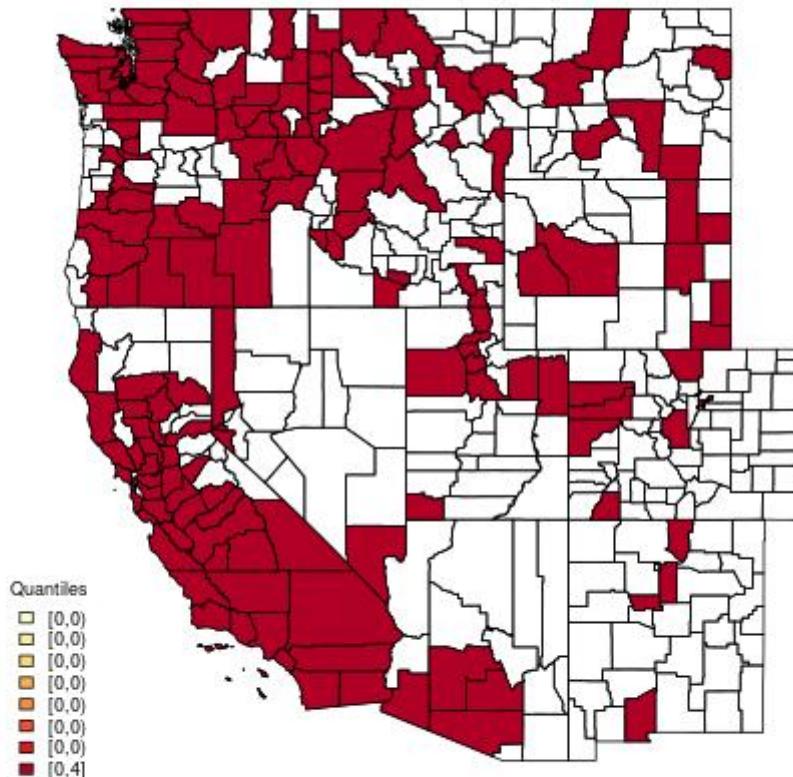


Figure 90: ML Inputs (with NAs) WEASD.surface 2016-03-24

**ML Inputs (with NAs) WEASD.surface 2016-04-01**

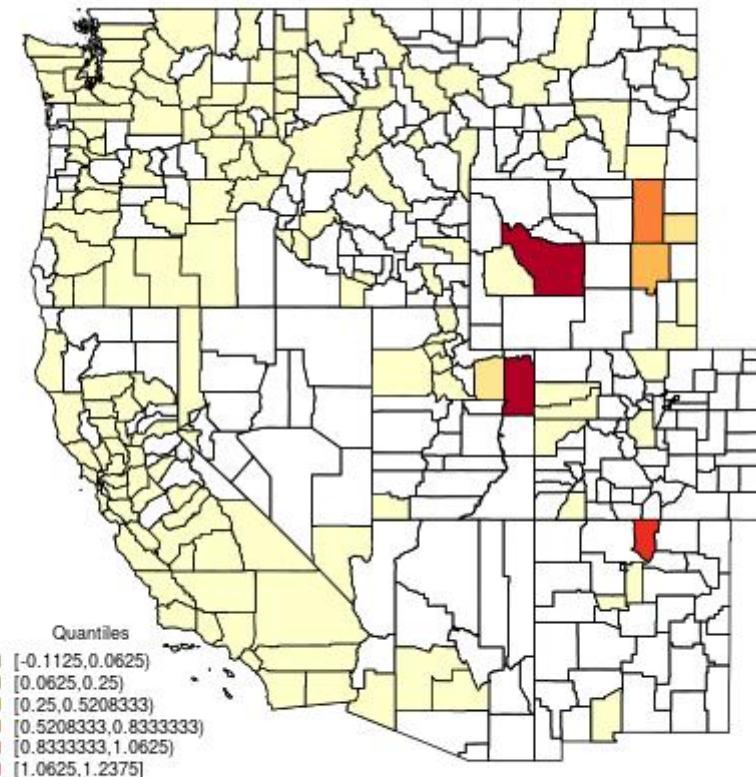


Figure 91: ML Inputs (with NAs) WEASD.surface 2016-04-01

**ML Inputs (with NAs) SNOWC.surface 2016-03-20**

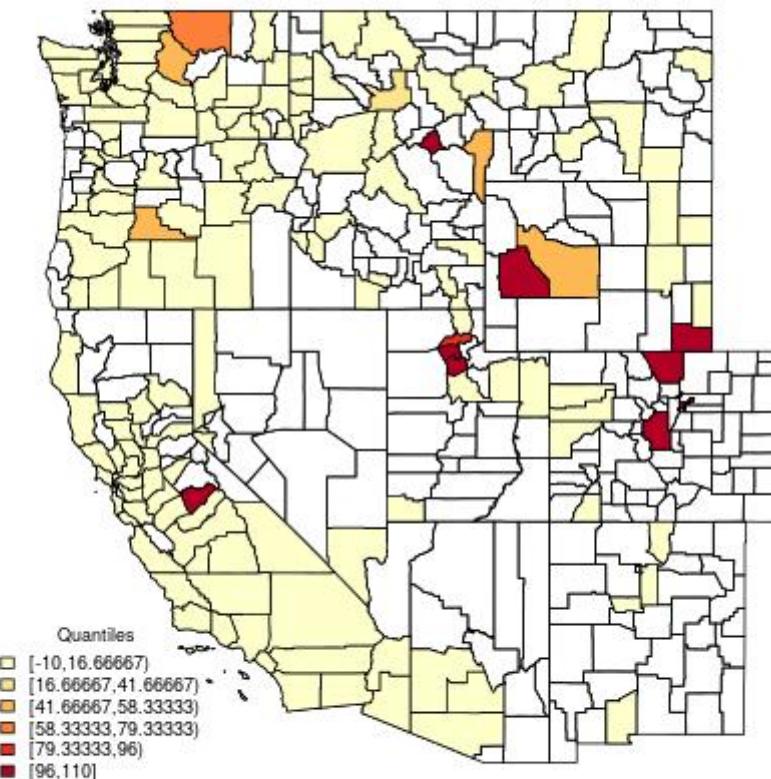


Figure 92: ML Inputs (with NAs) SNOWC.surface 2016-03-20

**ML Inputs (with NAs) SNOWC.surface 2016-03-19**

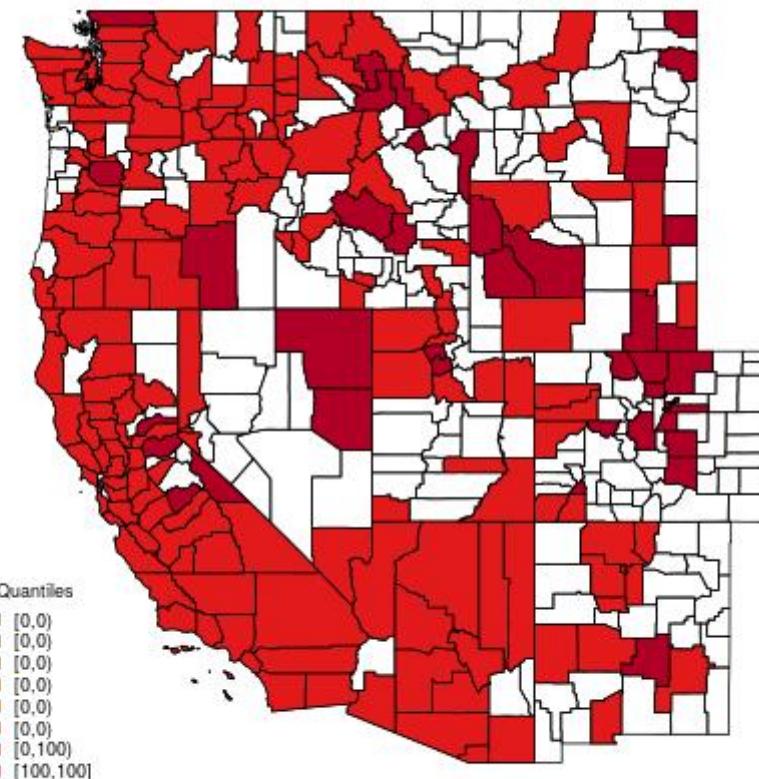


Figure 93: ML Inputs (with NAs) SNOWC.surface 2016-03-19

**ML Inputs (with NAs) SNOWC.surface 2016-03-22**

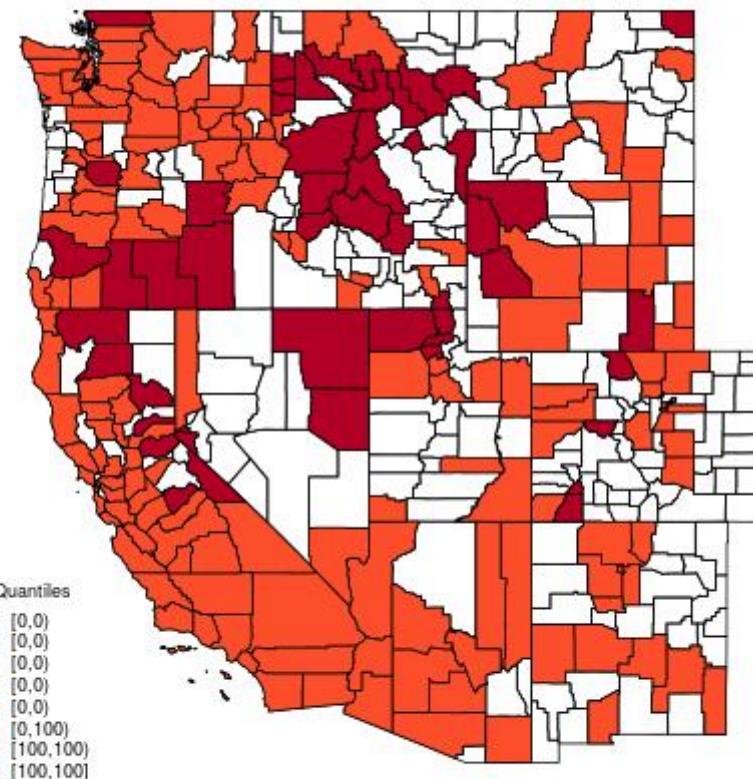


Figure 94: ML Inputs (with NAs) SNOWC.surface 2016-03-22

**ML Inputs (with NAs) SNOWC.surface 2016-03-24**

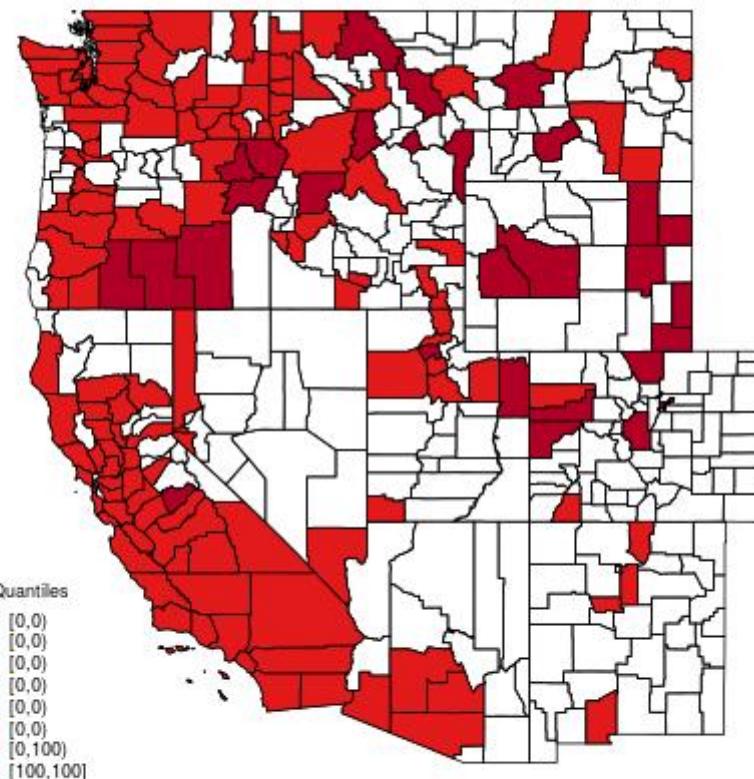


Figure 95: ML Inputs (with NAs) SNOWC.surface 2016-03-24

**ML Inputs (with NAs) SNOWC.surface 2016-04-01**

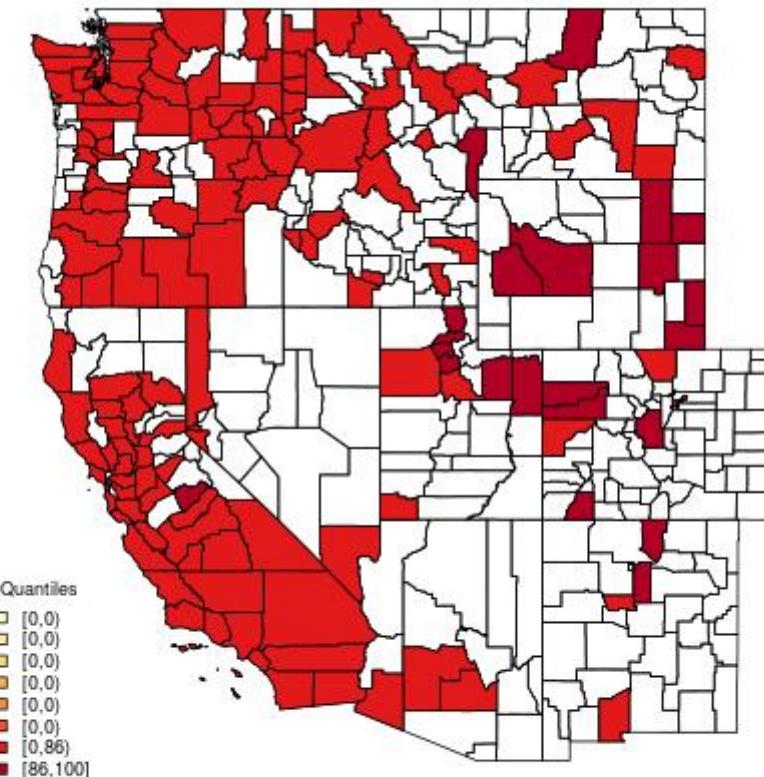


Figure 96: ML Inputs (with NAs) SNOWC.surface 2016-04-01

**ML Inputs (with NAs) SNOWC.surface 2016-04-02**

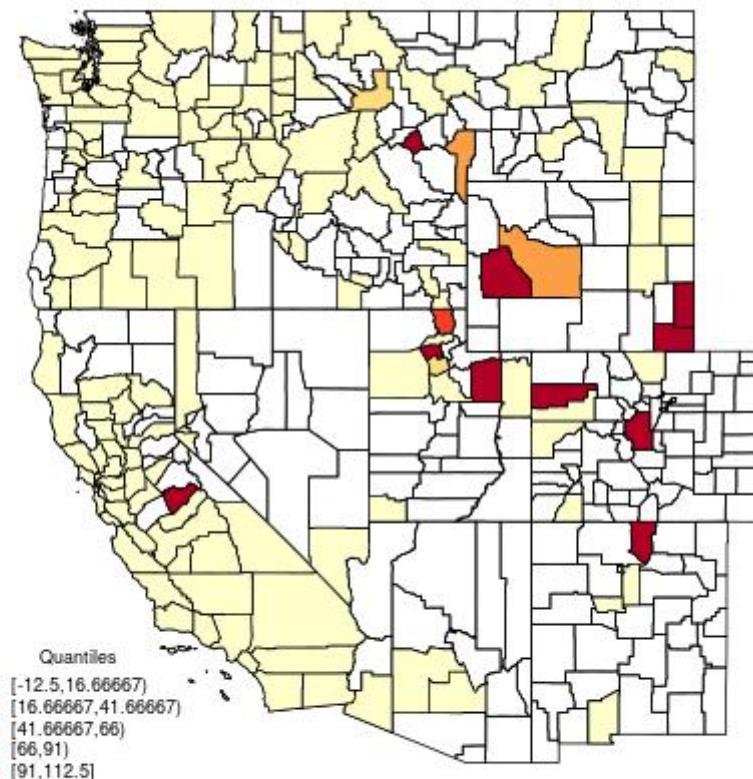


Figure 97: ML Inputs (with NAs) SNOWC.surface 2016-04-02

**ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-20**

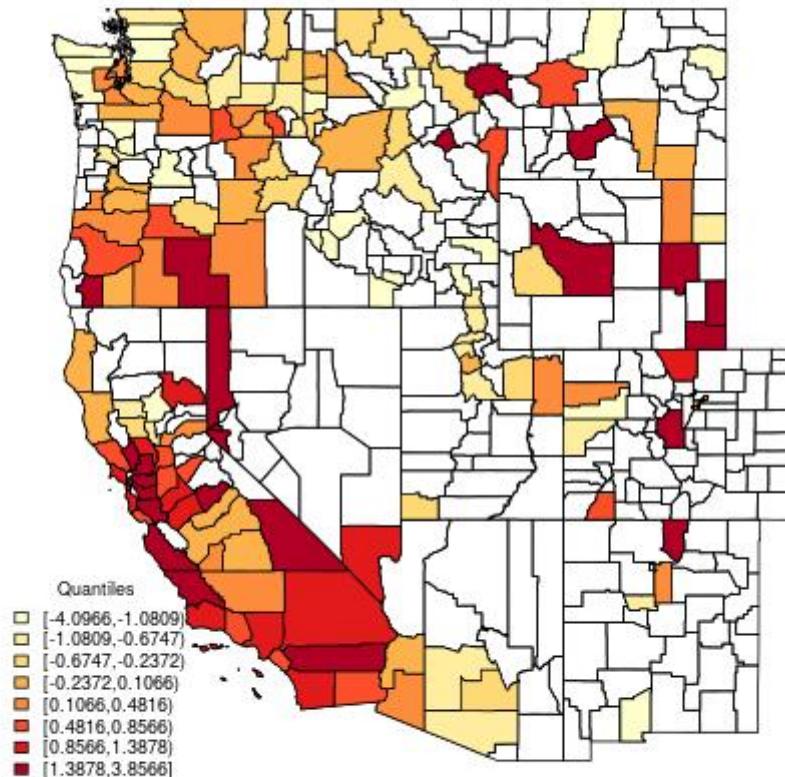


Figure 98: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-20

**ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-19**

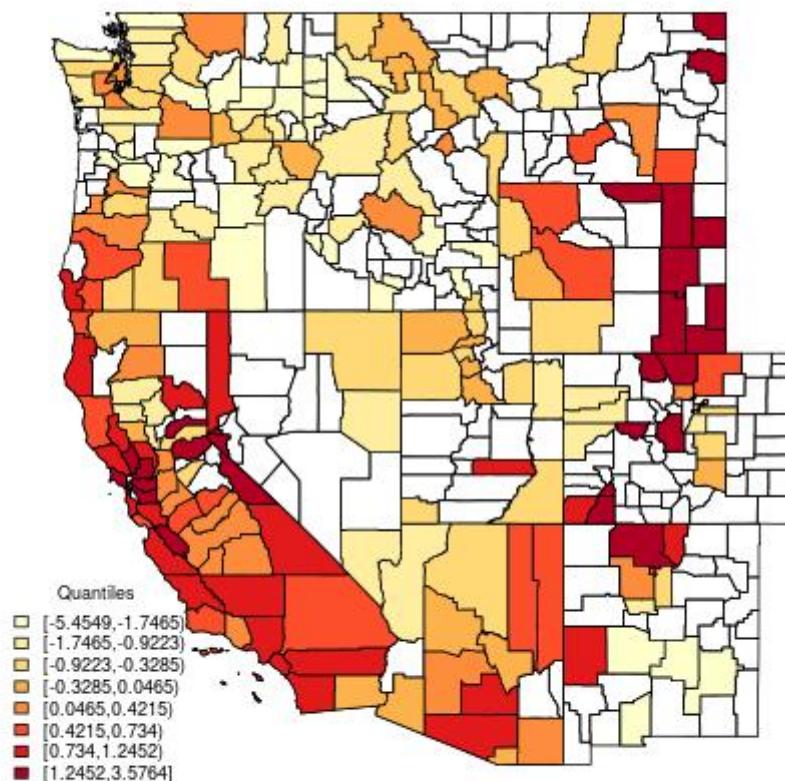


Figure 99: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-19

**ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-22**

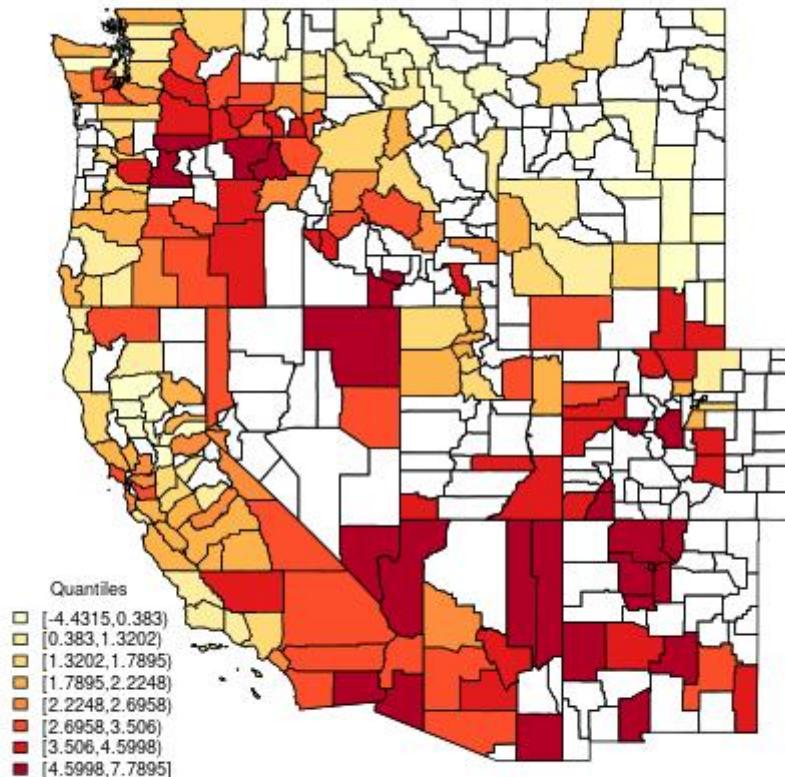


Figure 100: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-22

**ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-24**

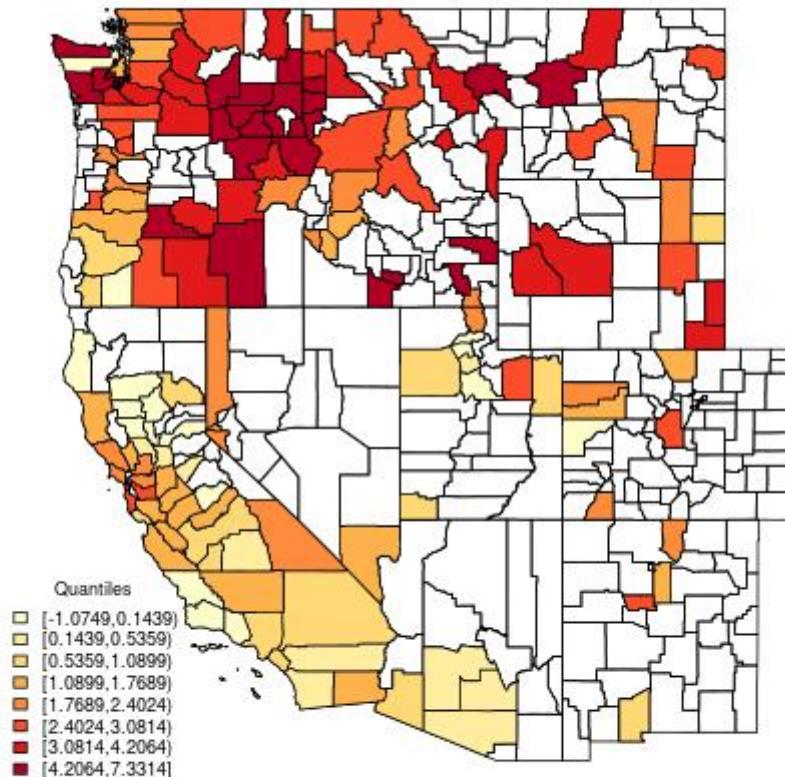


Figure 101: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-24

**ML Inputs (with NAs) UGRD.10.m.above.ground 2016-04-01**

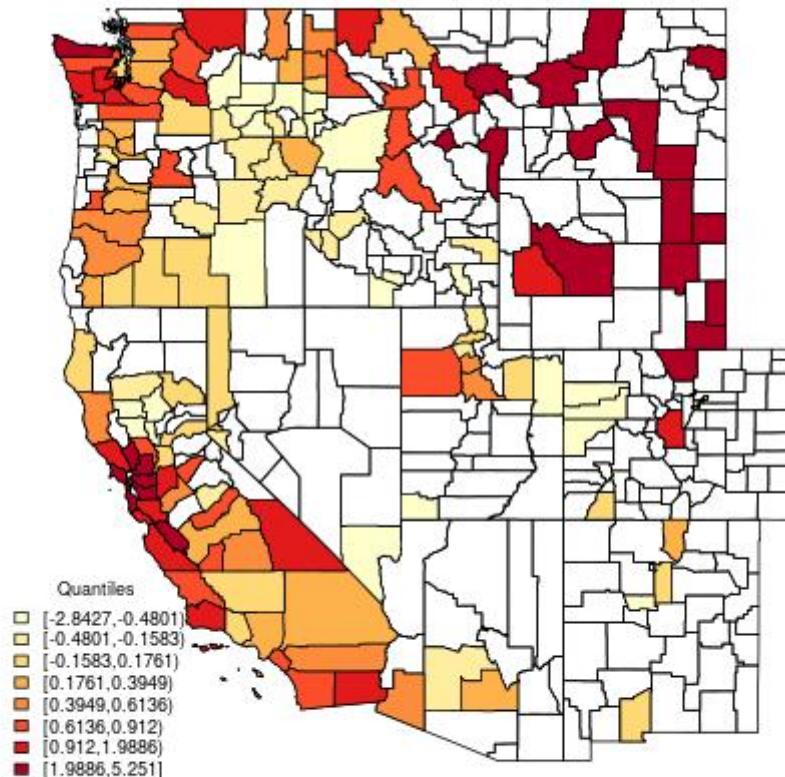


Figure 102: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-04-01

**ML Inputs (with NAs) UGRD.10.m.above.ground 2016-04-02**

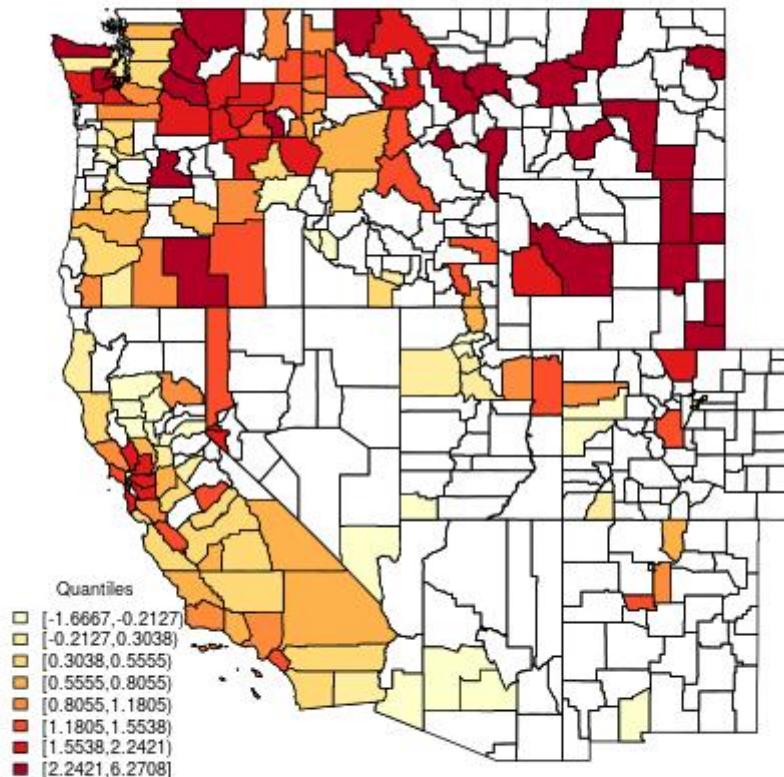


Figure 103: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-04-02

**ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-20**

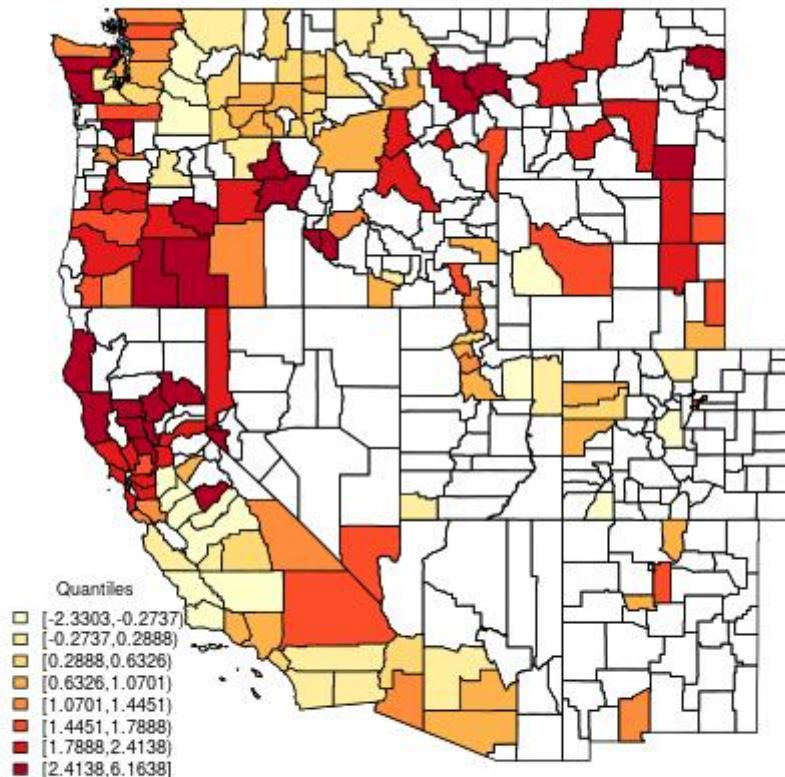


Figure 104: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-20

**ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-19**

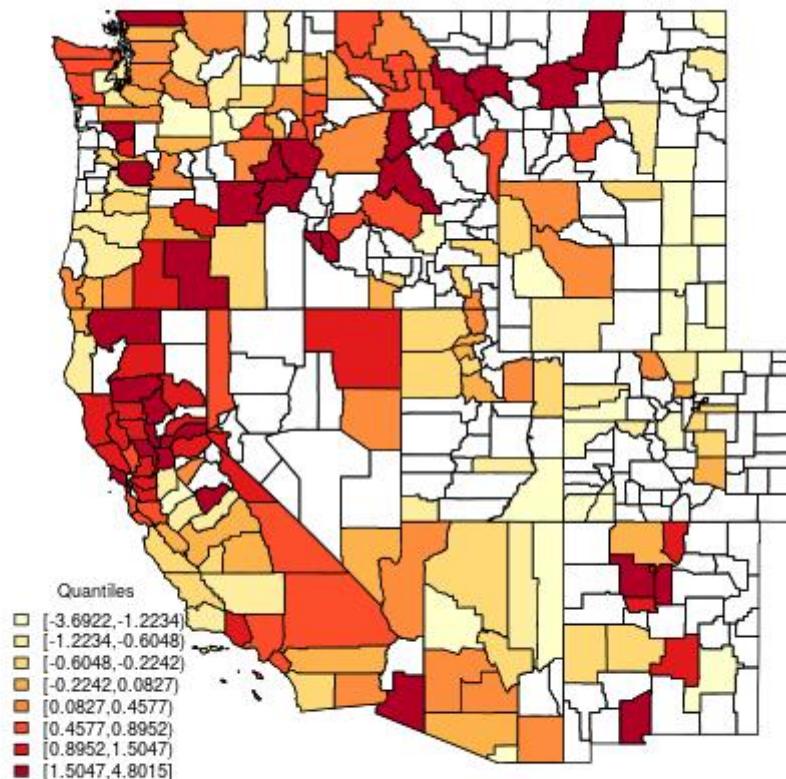


Figure 105: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-19

**ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-22**

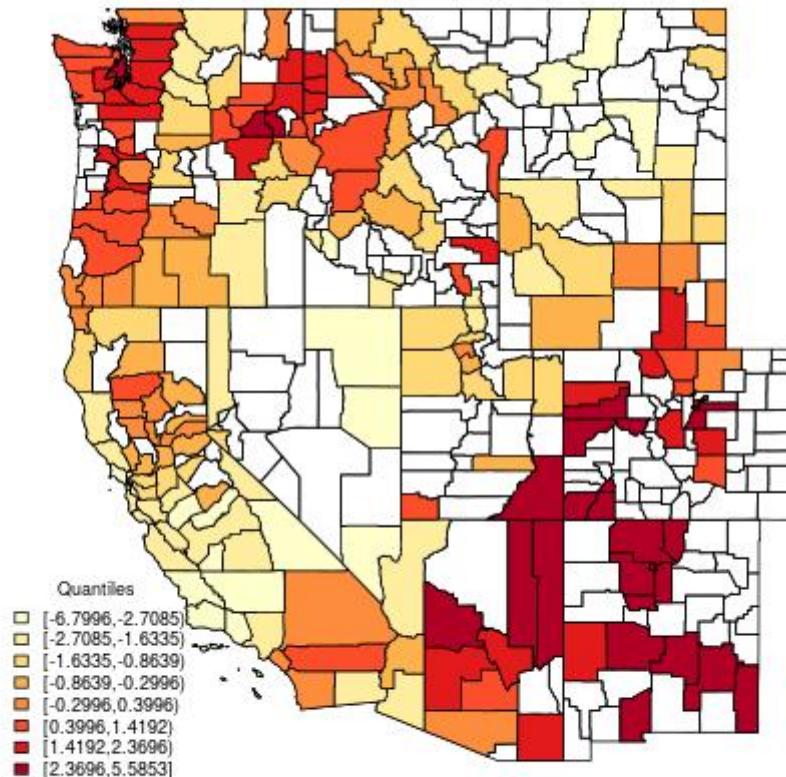


Figure 106: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-22

**ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-24**

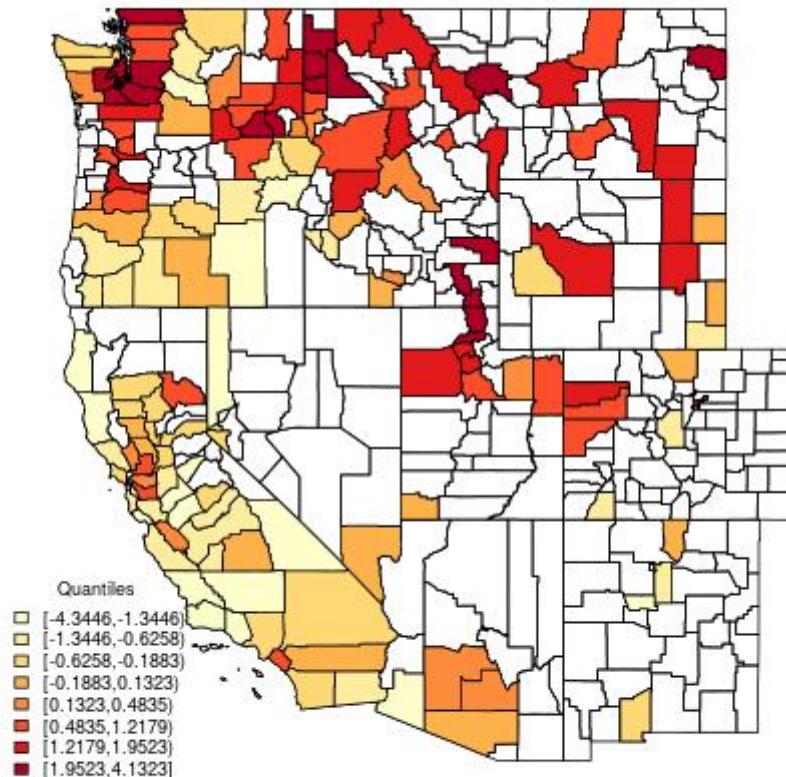


Figure 107: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-24

**ML Inputs (with NAs) VGRD.10.m.above.ground 2016-04-01**

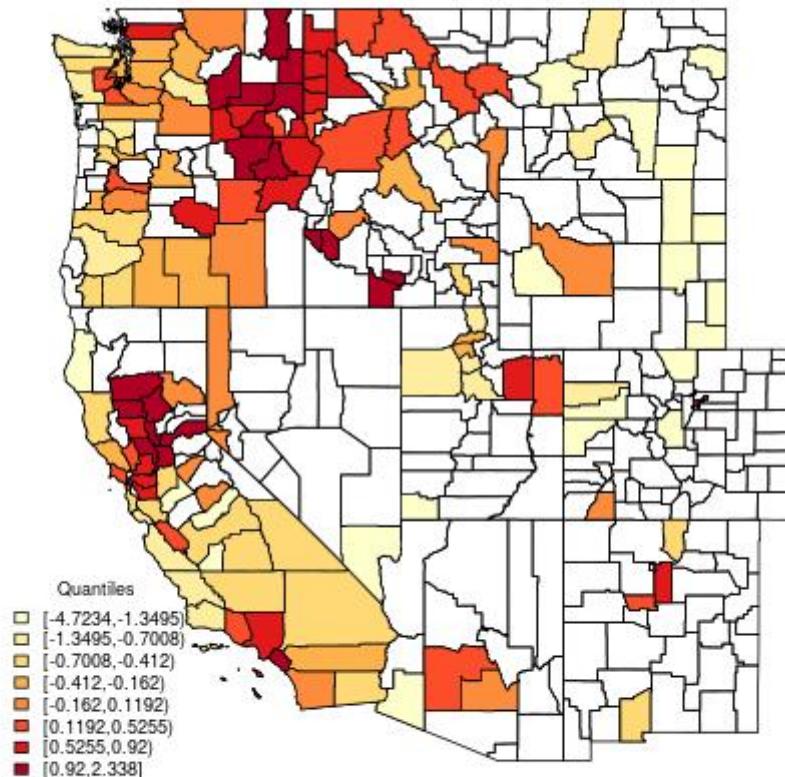


Figure 108: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-04-01

**ML Inputs (with NAs) VGRD.10.m.above.ground 2016-04-02**

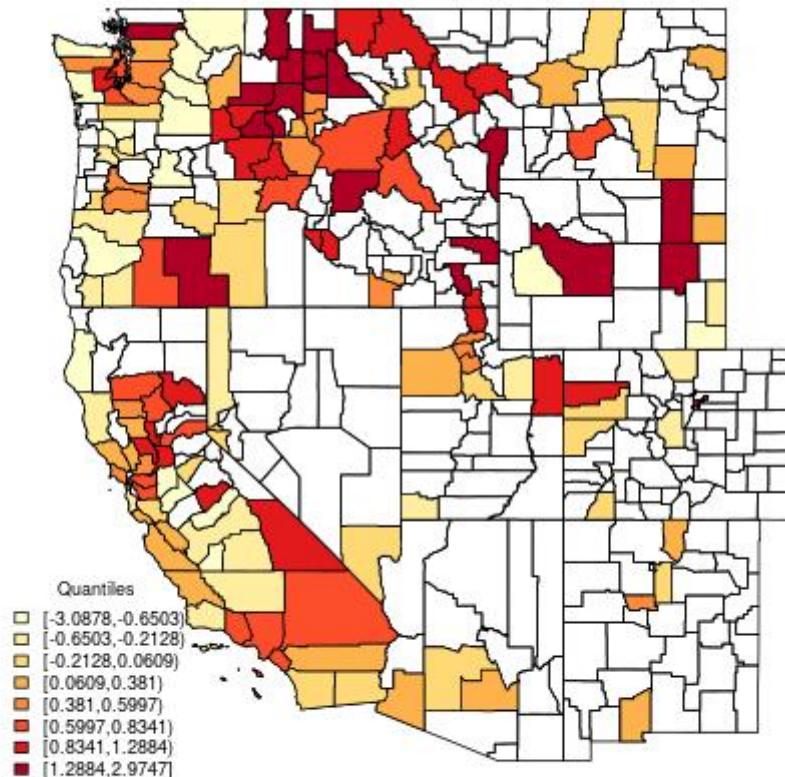


Figure 109: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-04-02

**ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-20**

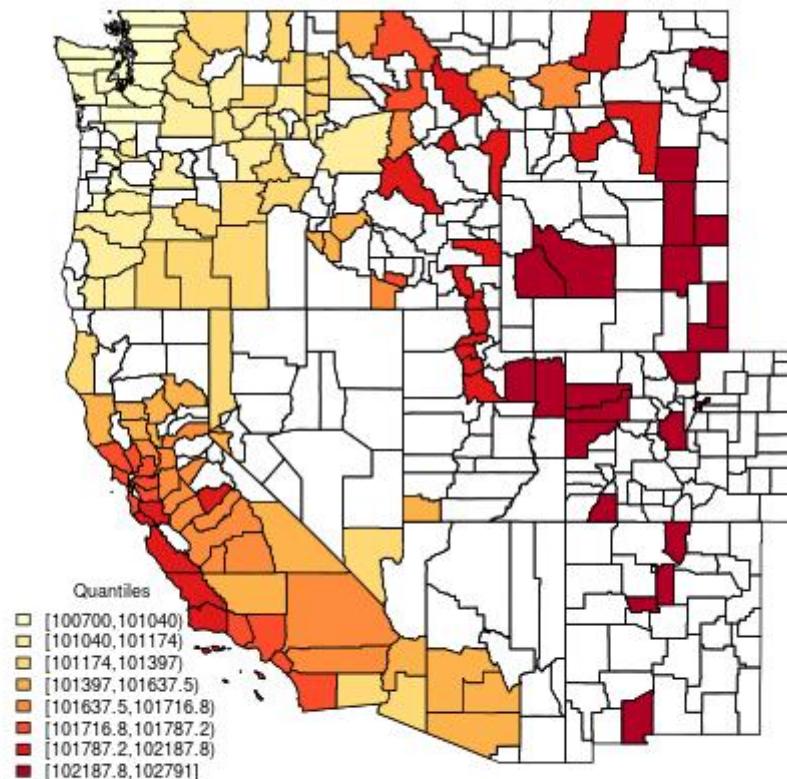


Figure 110: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-20

**ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-19**

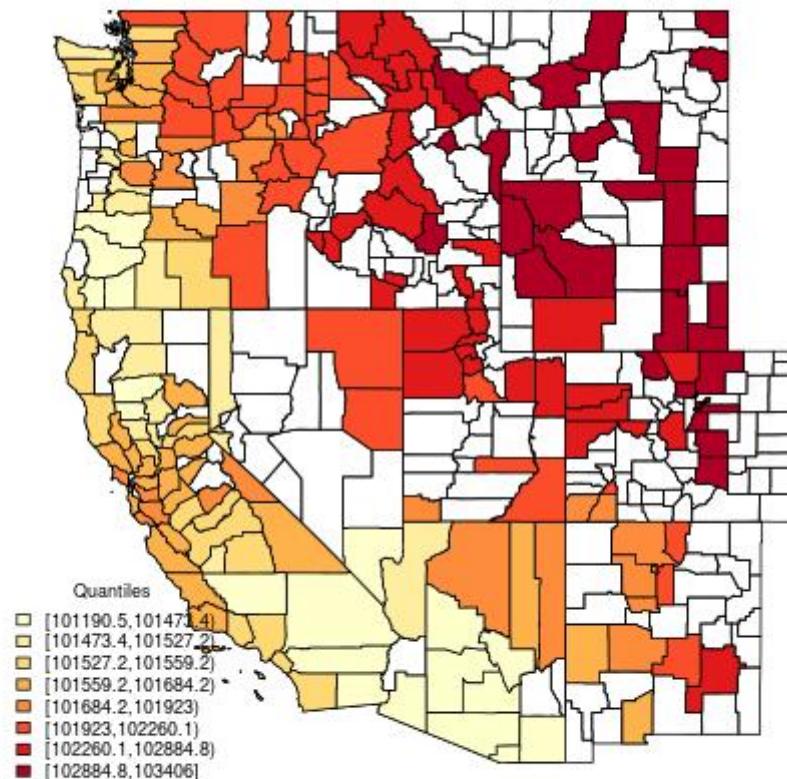


Figure 111: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-19

**ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-22**

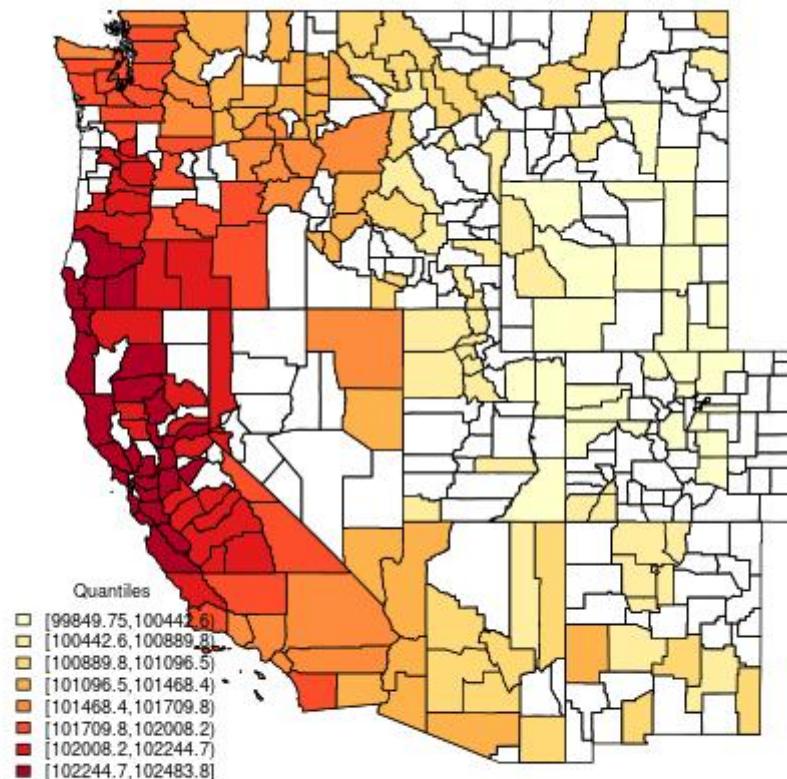


Figure 112: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-22

**ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-24**

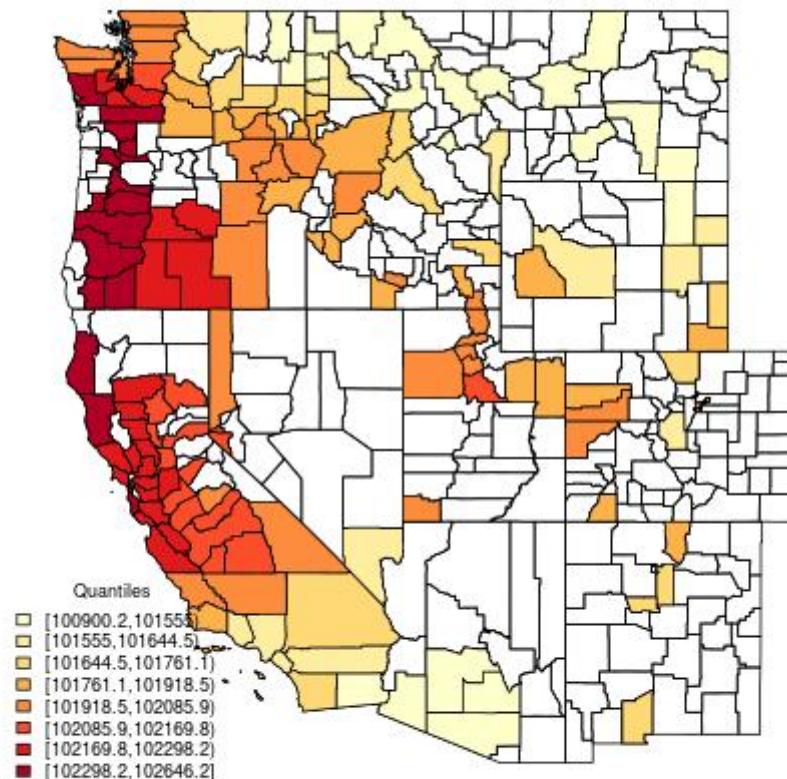


Figure 113: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-24

**ML Inputs (with NAs) PRMSL.mean.sea.level 2016-04-01**

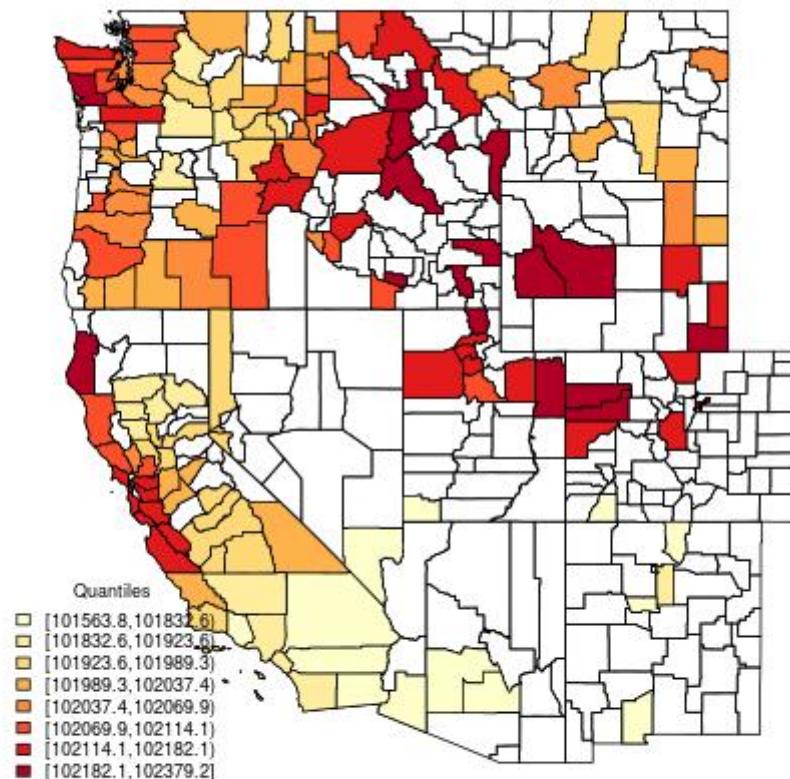


Figure 114: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-04-01

**ML Inputs (with NAs) PRMSL.mean.sea.level 2016-04-02**

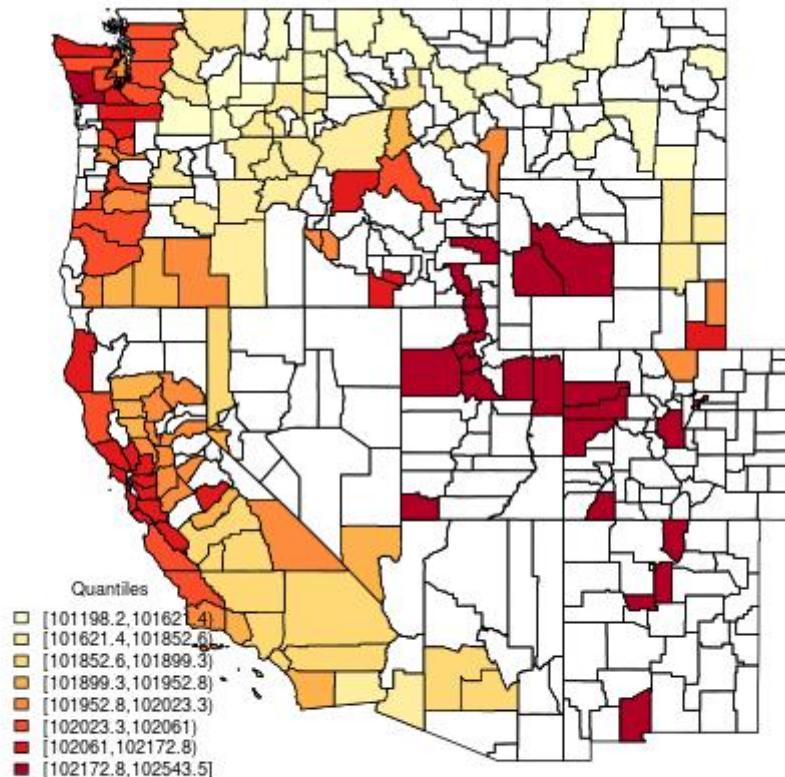


Figure 115: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-04-02

**ML Inputs (with NAs) PRES.surface 2016-03-20**

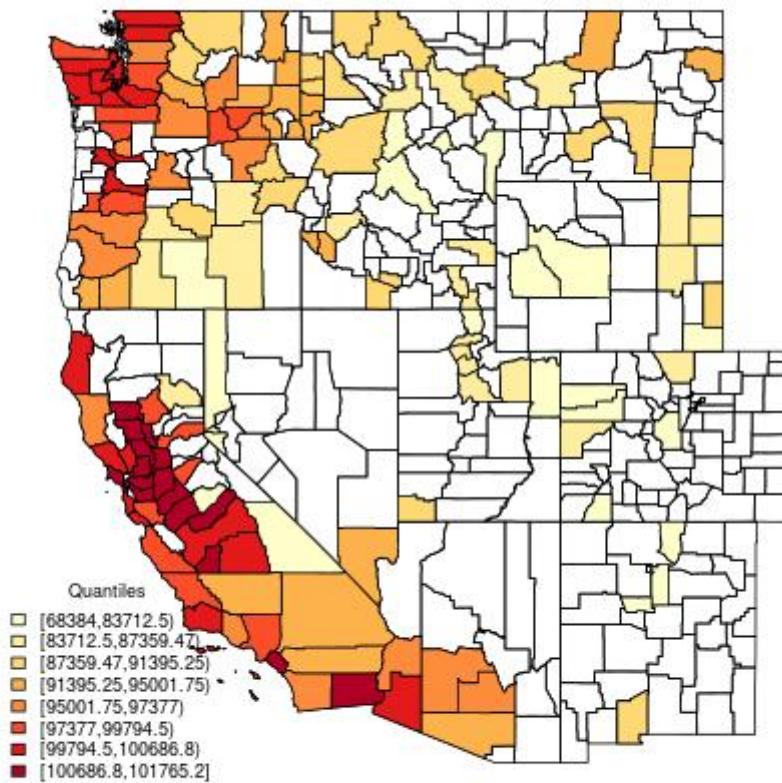


Figure 116: ML Inputs (with NAs) PRES.surface 2016-03-20

**ML Inputs (with NAs) PRES.surface 2016-03-19**

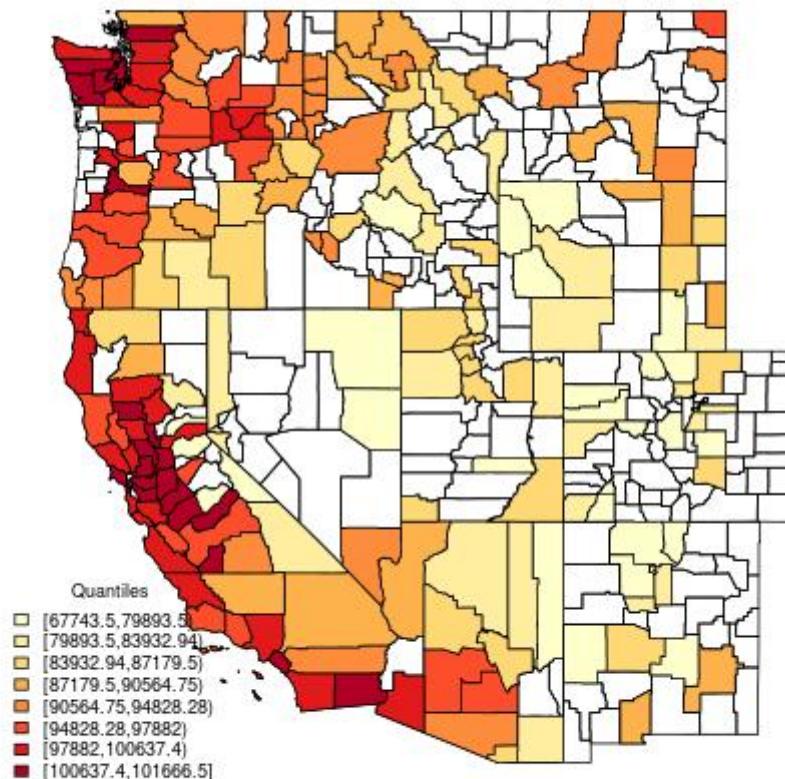


Figure 117: ML Inputs (with NAs) PRES.surface 2016-03-19

**ML Inputs (with NAs) PRES.surface 2016-03-22**

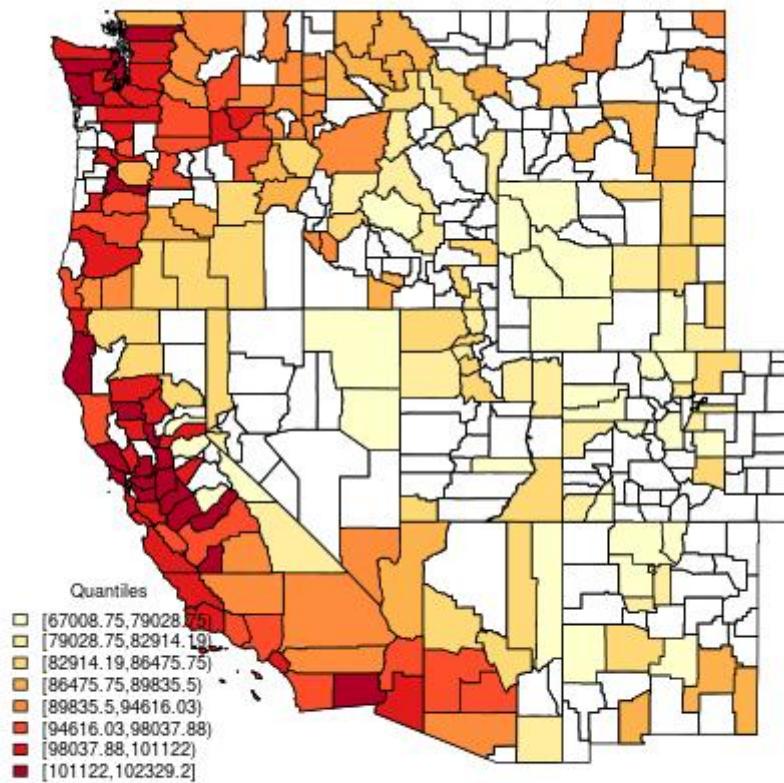


Figure 118: ML Inputs (with NAs) PRES.surface 2016-03-22

**ML Inputs (with NAs) PRES.surface 2016-03-24**

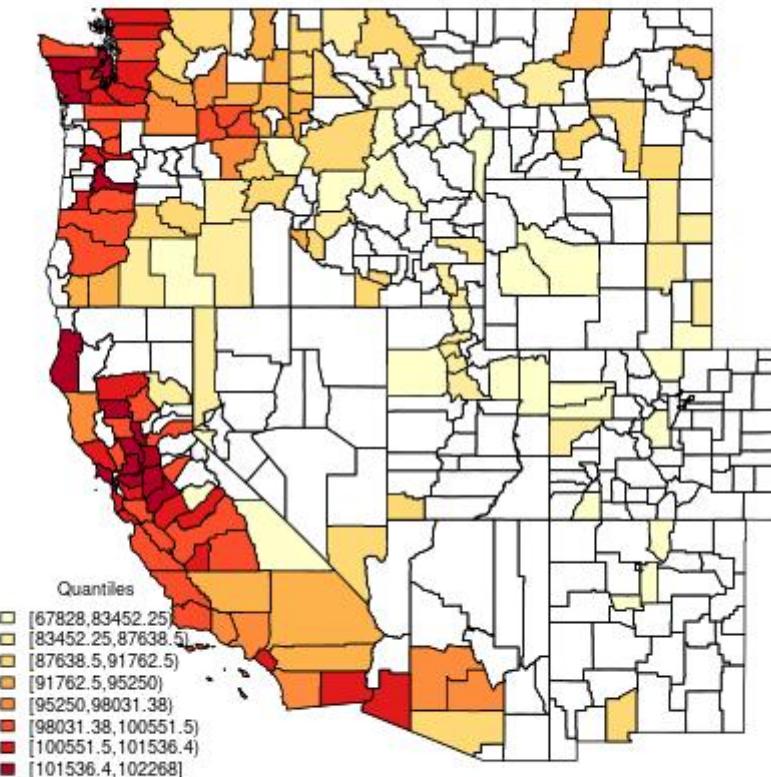


Figure 119: ML Inputs (with NAs) PRES.surface 2016-03-24

**ML Inputs (with NAs) PRES.surface 2016-04-01**

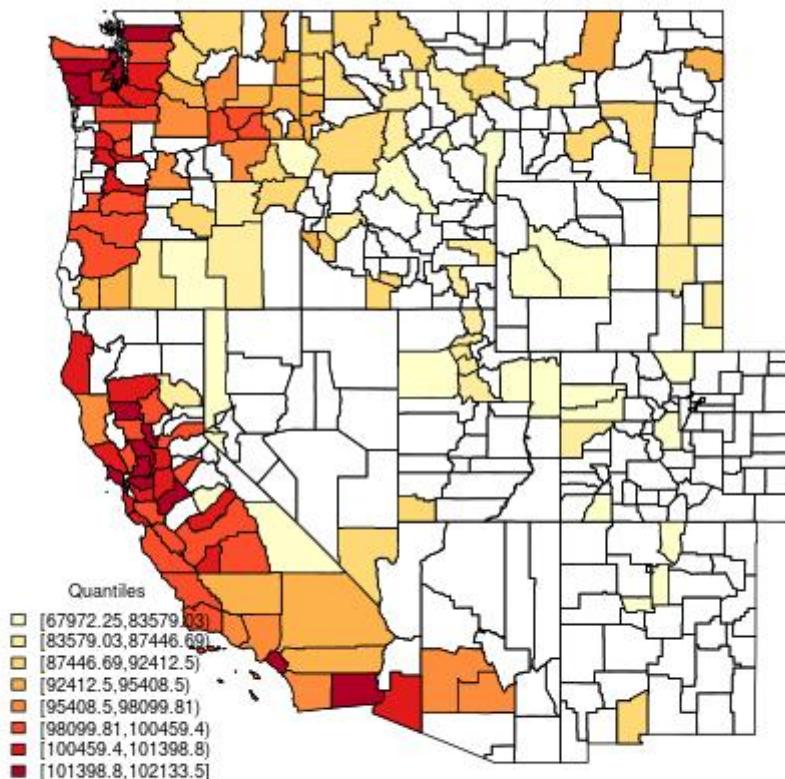


Figure 120: ML Inputs (with NAs) PRES.surface 2016-04-01

**ML Inputs (with NAs) PRES.surface 2016-04-02**

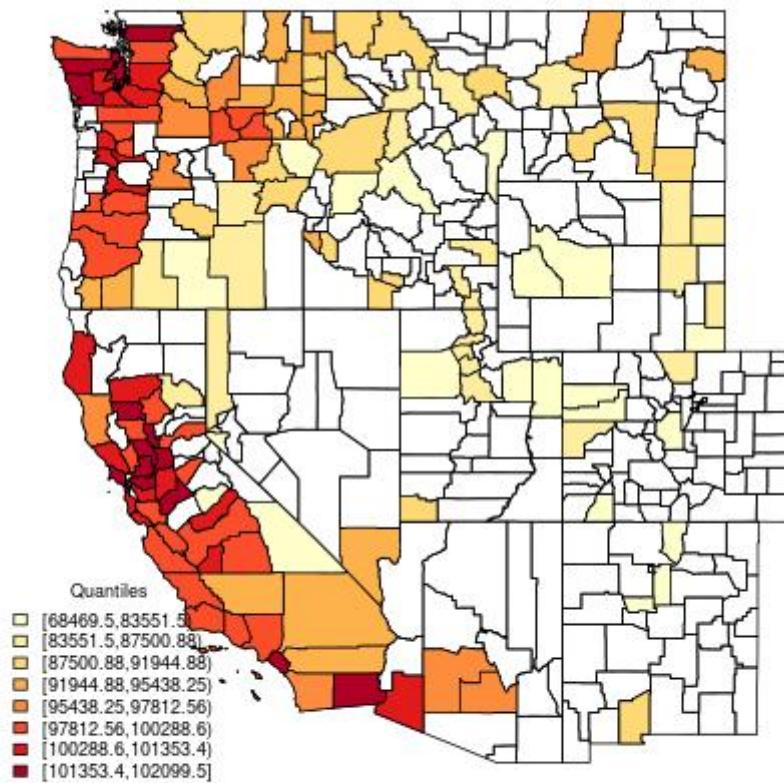


Figure 121: ML Inputs (with NAs) PRES.surface 2016-04-02

**ML Inputs (with NAs) DZDT.850(mb) 2016-03-20**

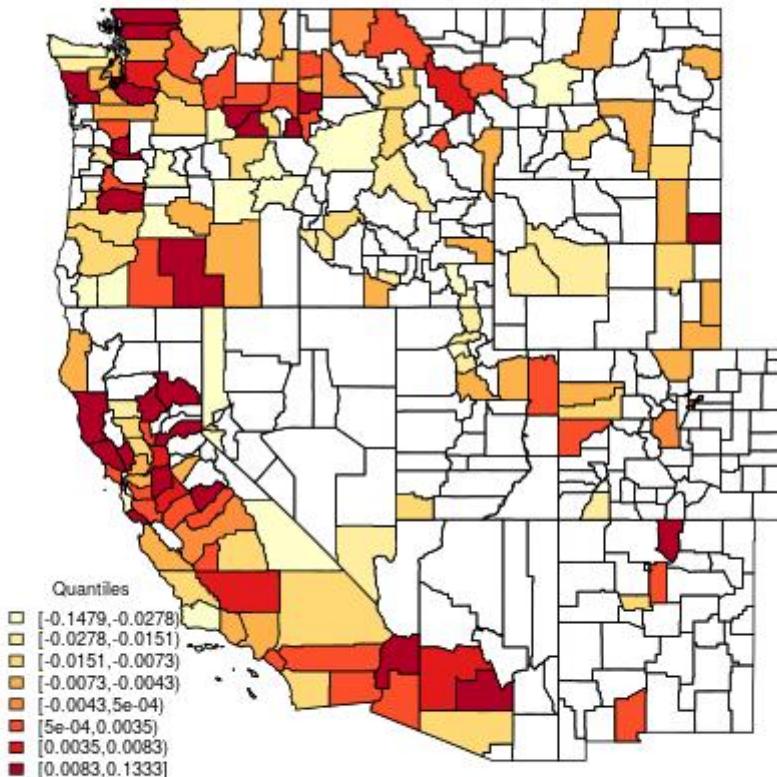


Figure 122: ML Inputs (with NAs) DZDT.850(mb) 2016-03-20

**ML Inputs (with NAs) DZDT.850(mb) 2016-03-19**

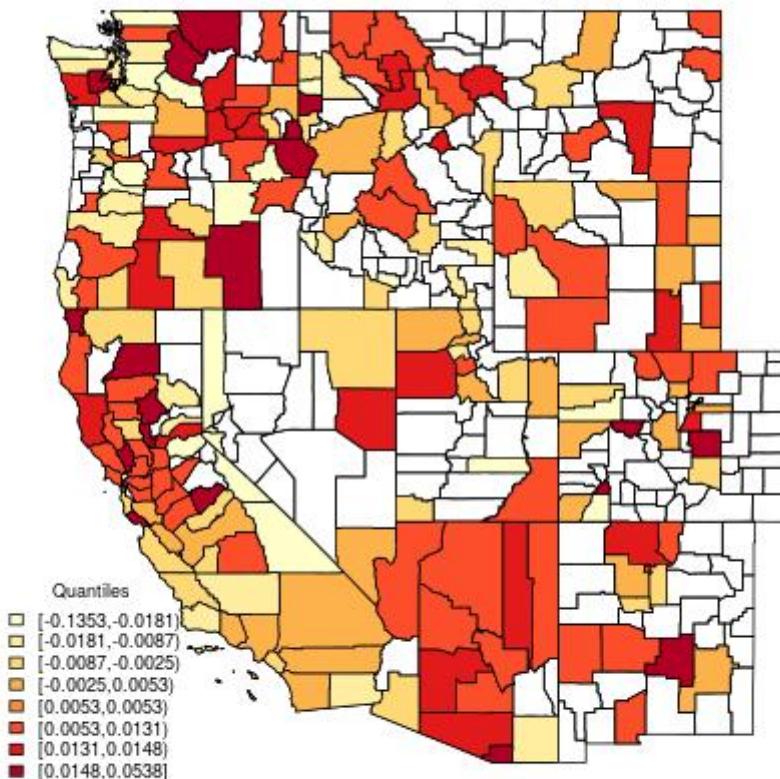


Figure 123: ML Inputs (with NAs) DZDT.850(mb) 2016-03-19

**ML Inputs (with NAs) DZDT.850(mb) 2016-03-22**

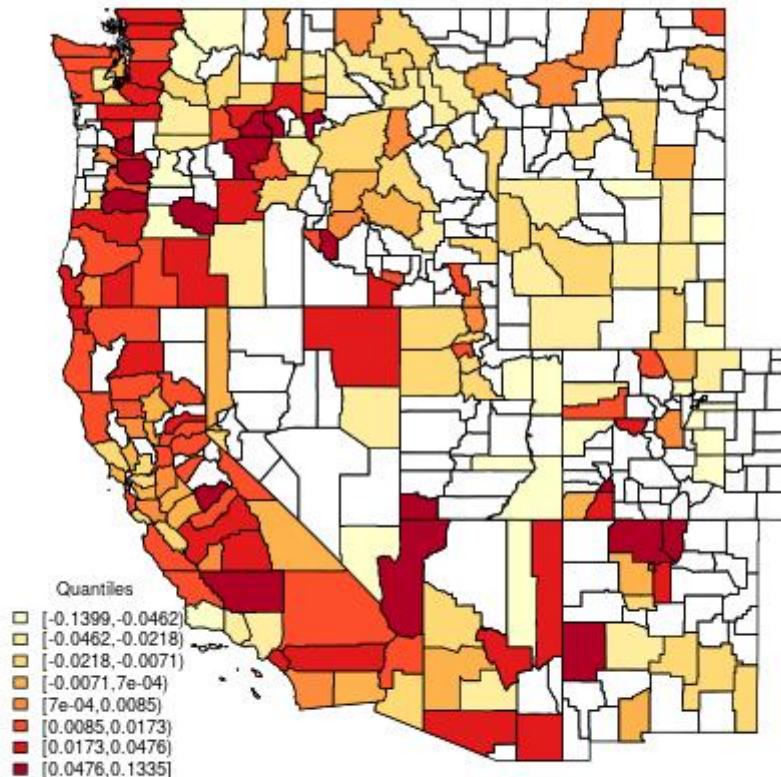


Figure 124: ML Inputs (with NAs) DZDT.850(mb) 2016-03-22

**ML Inputs (with NAs) DZDT.850(mb) 2016-03-24**

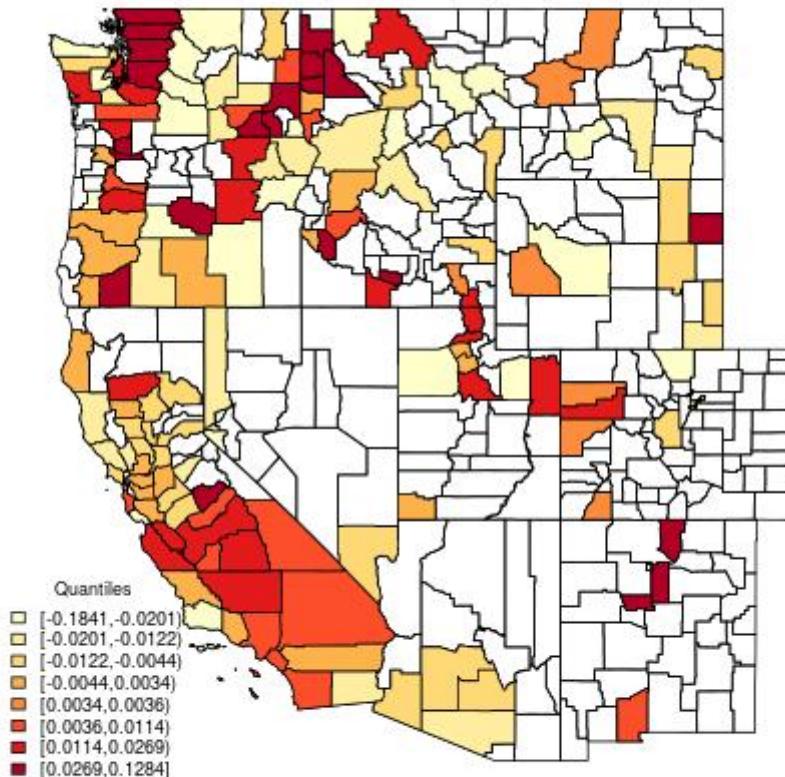


Figure 125: ML Inputs (with NAs) DZDT.850(mb) 2016-03-24

**ML Inputs (with NAs) DZDT.850(mb) 2016-04-01**

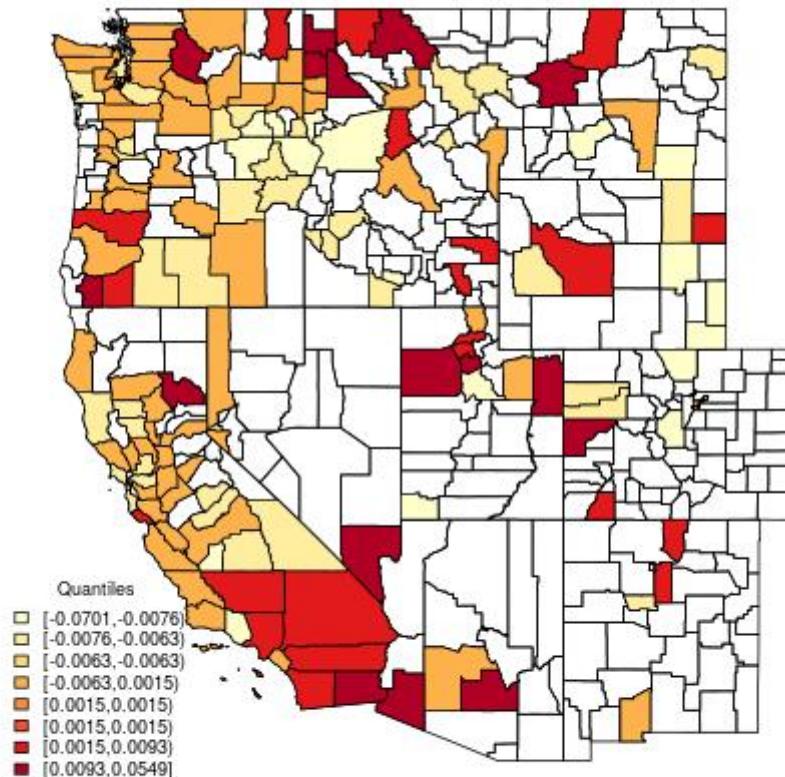


Figure 126: ML Inputs (with NAs) DZDT.850(mb) 2016-04-01

**ML Inputs (with NAs) DZDT.850(mb) 2016-04-02**

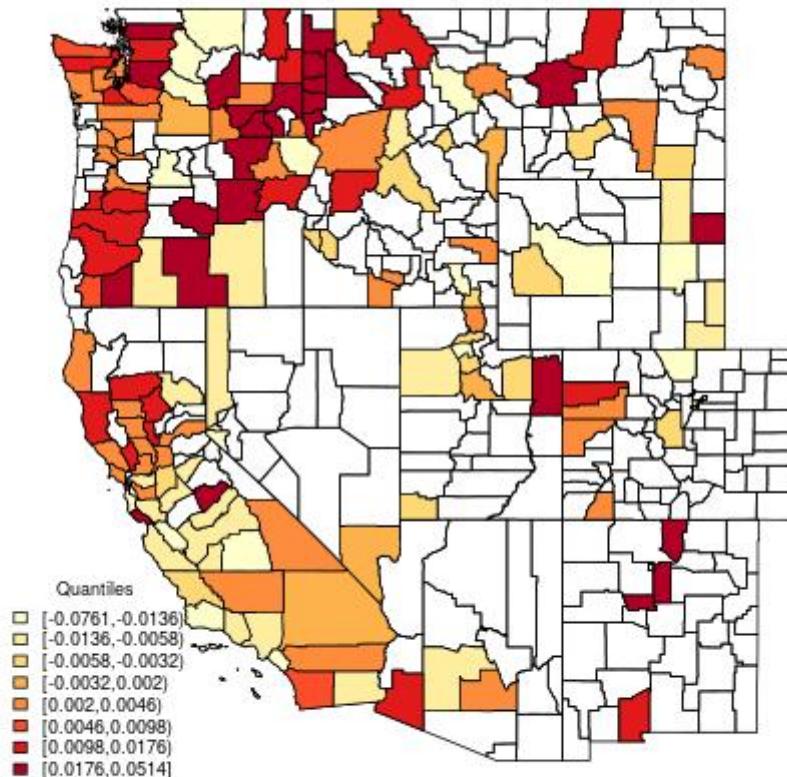


Figure 127: ML Inputs (with NAs) DZDT.850(mb) 2016-04-02

ML Inputs (with NAs) DZDT.700(mb) 2016-03-20

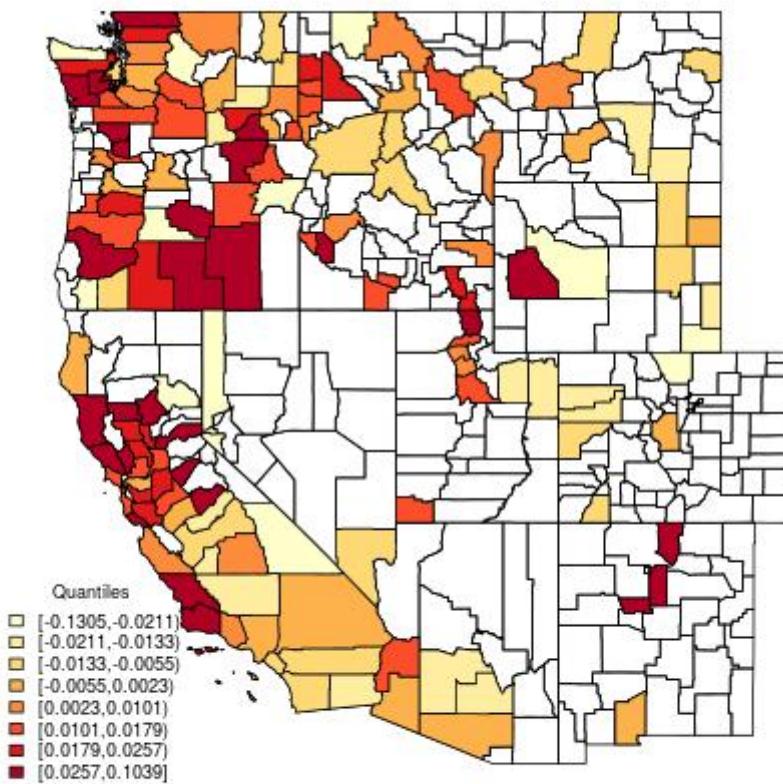


Figure 128: ML Inputs (with NAs) DZDT.700(mb) 2016-03-20

### 0.3 ML Inputs (with NAs) Map subset of days Images

**ML Inputs (with NAs) DZDT.700(mb) 2016-03-19**

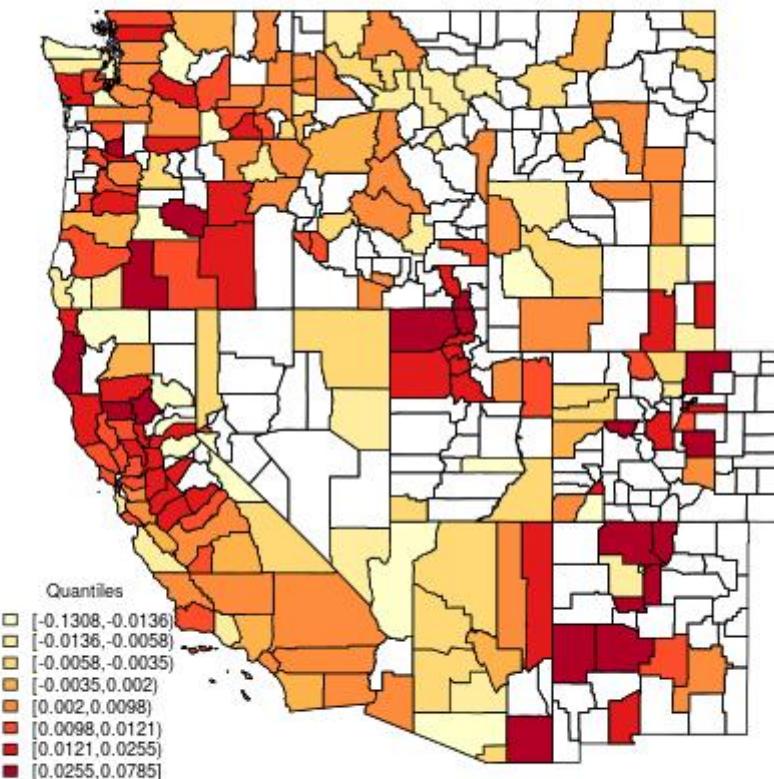


Figure 129: ML Inputs (with NAs) DZDT.700(mb) 2016-03-19

**ML Inputs (with NAs) DZDT.700(mb) 2016-03-22**

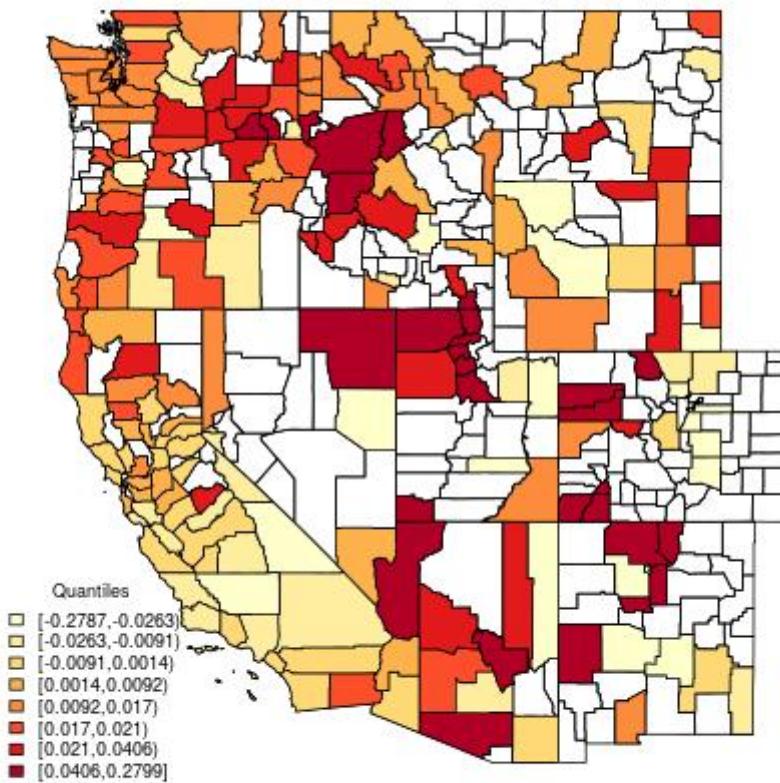


Figure 130: ML Inputs (with NAs) DZDT.700(mb) 2016-03-22

**ML Inputs (with NAs) DZDT.700(mb) 2016-03-24**

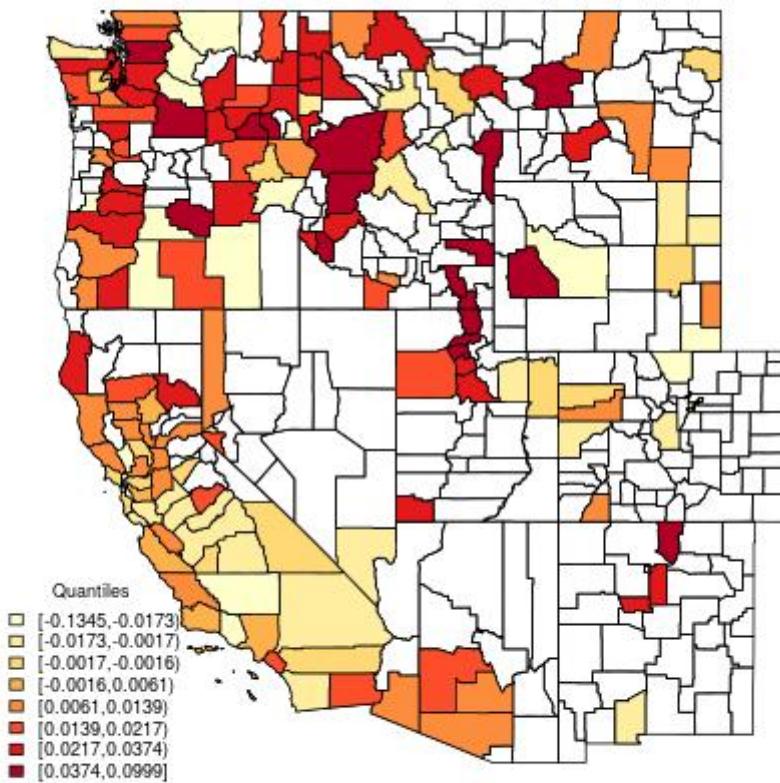


Figure 131: ML Inputs (with NAs) DZDT.700(mb) 2016-03-24

**ML Inputs (with NAs) DZDT.700(mb) 2016-04-01**

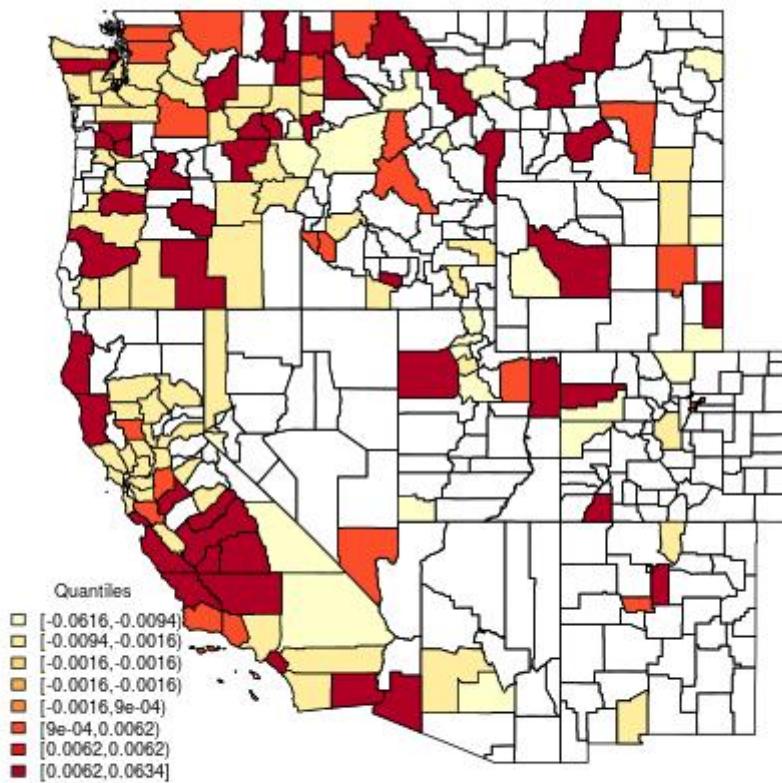


Figure 132: ML Inputs (with NAs) DZDT.700(mb) 2016-04-01

**ML Inputs (with NAs) DZDT.700(mb) 2016-04-02**

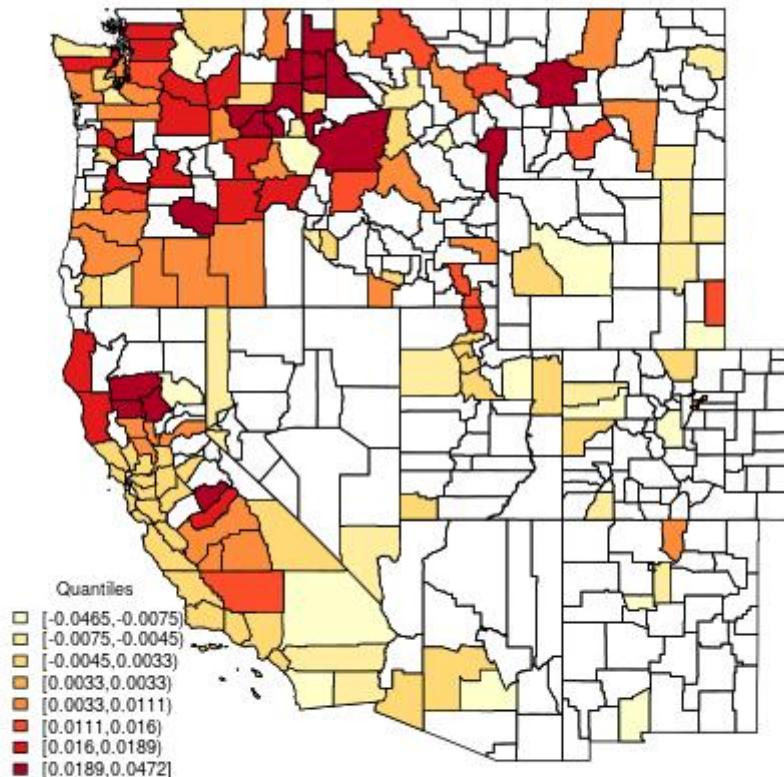


Figure 133: ML Inputs (with NAs) DZDT.700(mb) 2016-04-02

**PM2.5 Obs 2016-03-20**

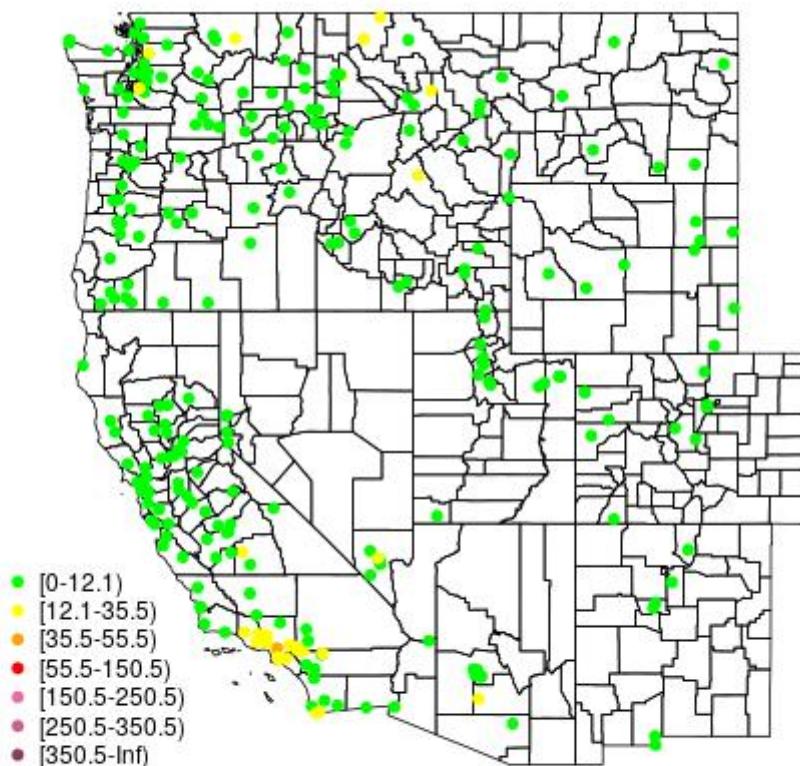


Figure 134: PM2.5 Obs 2016-03-20

**PM2.5 Obs 2016-03-19**

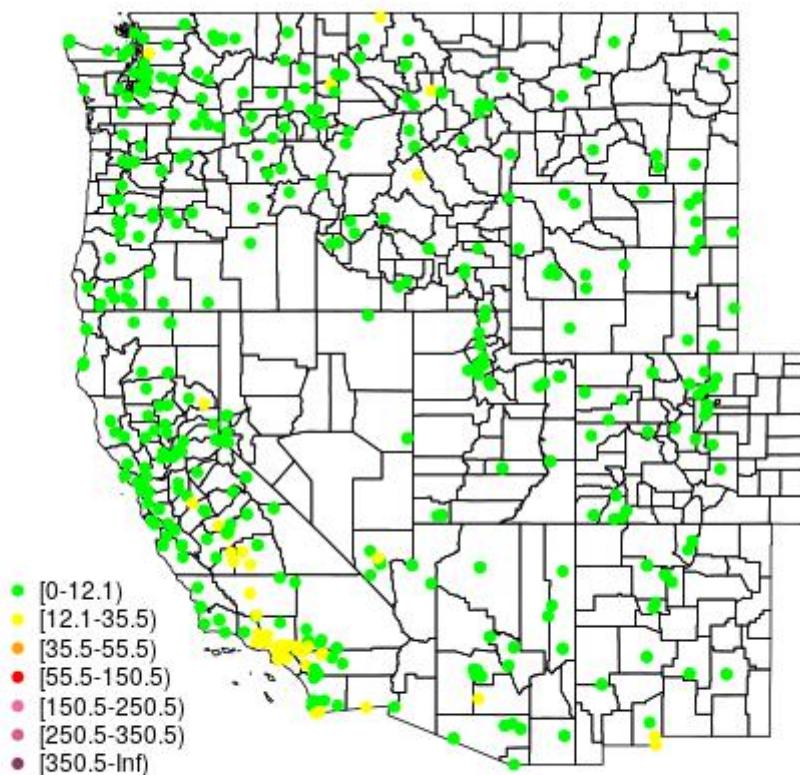


Figure 135: PM2.5 Obs 2016-03-19

**PM2.5 Obs 2016-03-22**

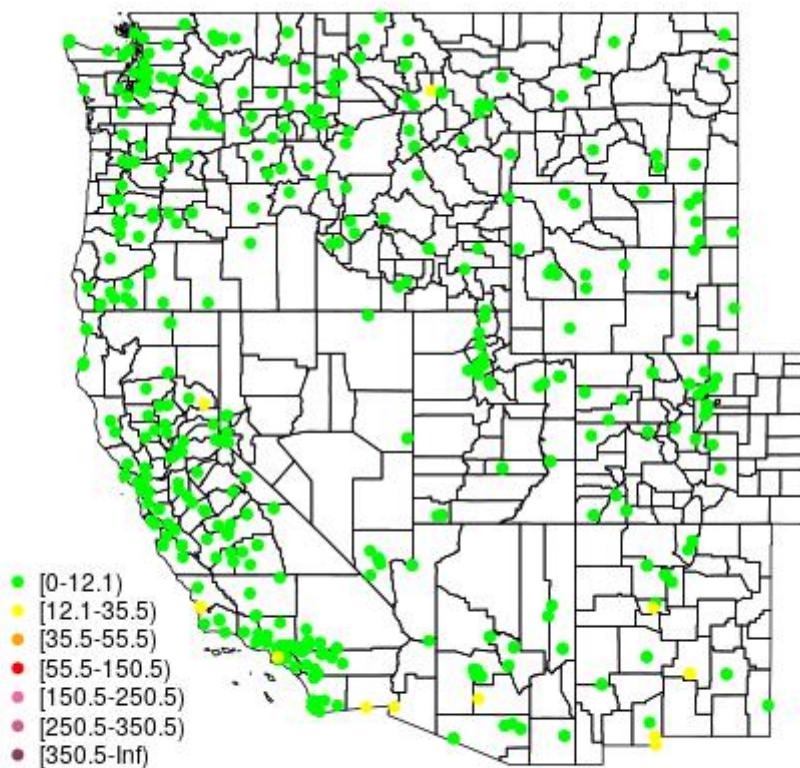


Figure 136: PM2.5 Obs 2016-03-22

**PM2.5 Obs 2016-03-24**

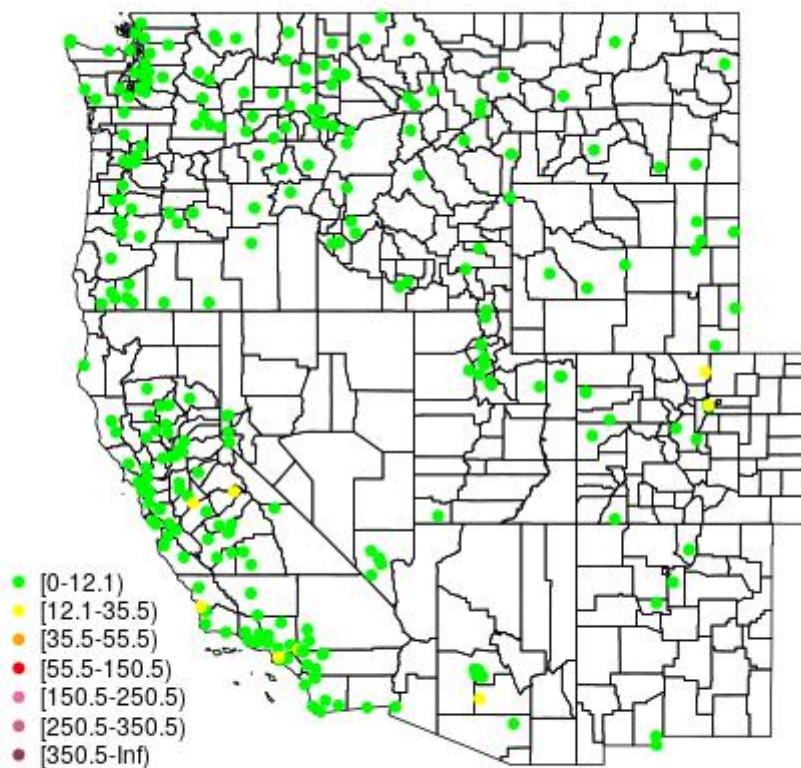


Figure 137: PM2.5 Obs 2016-03-24

**PM2.5 Obs 2016-04-01**

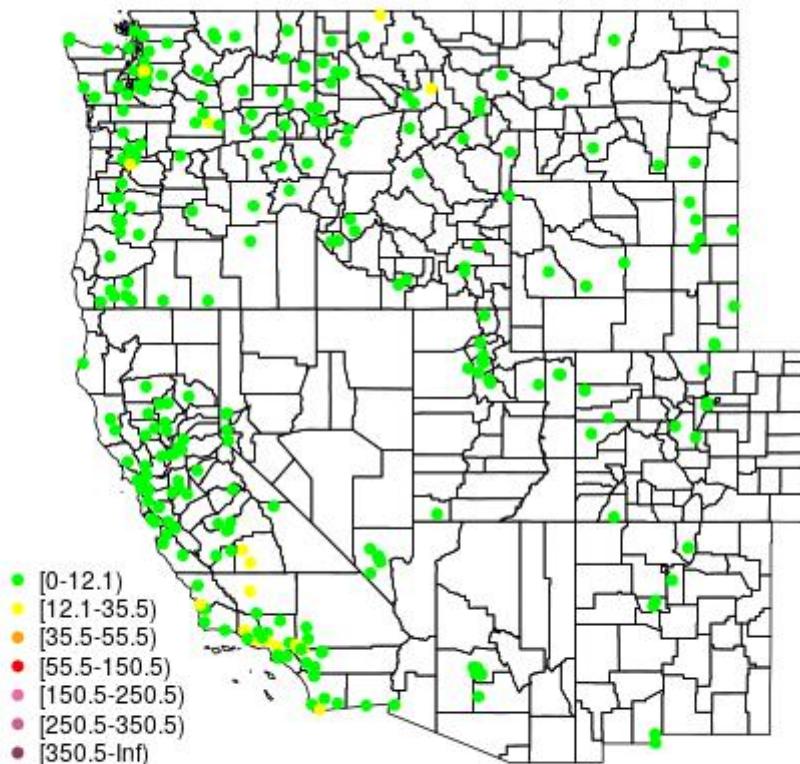


Figure 138: PM2.5 Obs 2016-04-01

**PM2.5 Obs 2016-04-02**

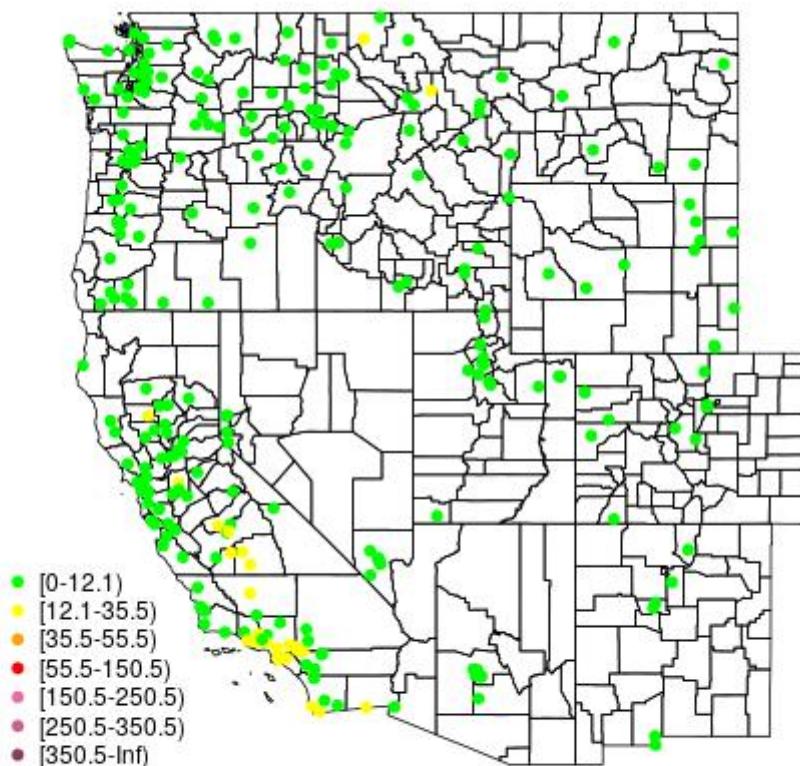


Figure 139: PM2.5 Obs 2016-04-02

**GASP AOD 2016-03-20**

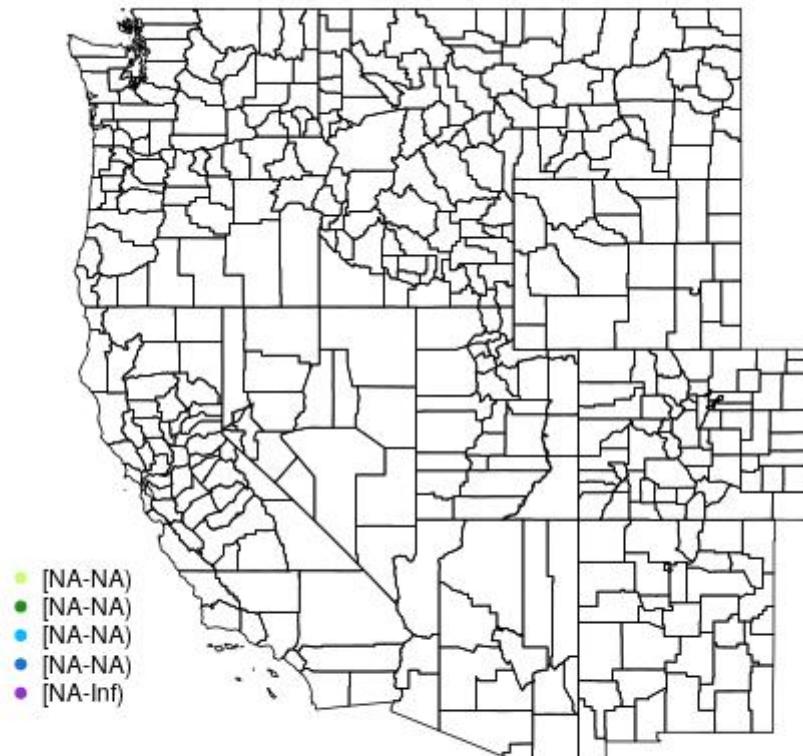


Figure 140: GASP AOD 2016-03-20

**GASP AOD 2016-03-19**

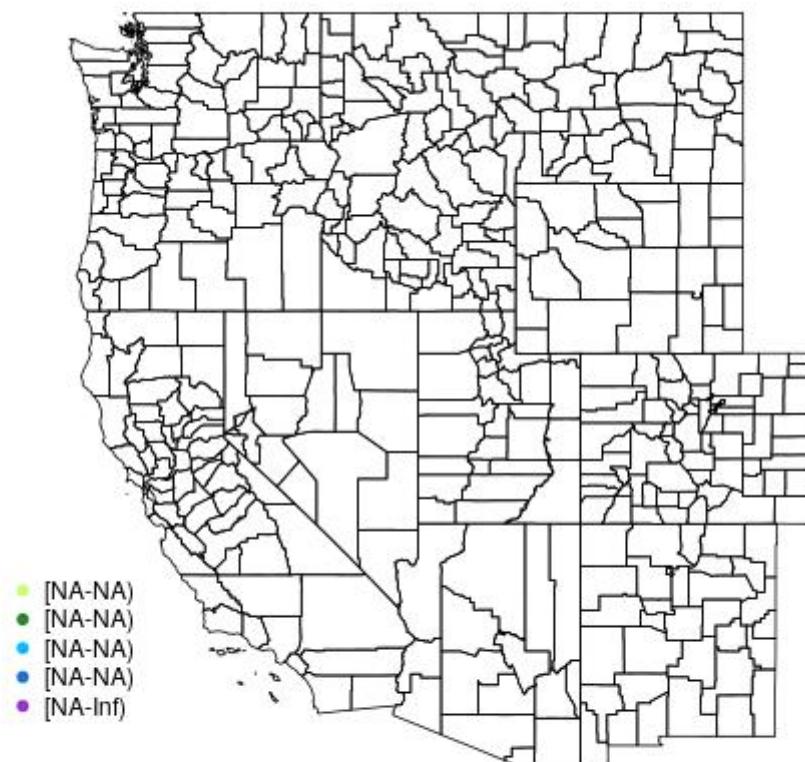


Figure 141: GASP AOD 2016-03-19

**GASP AOD 2016-03-22**

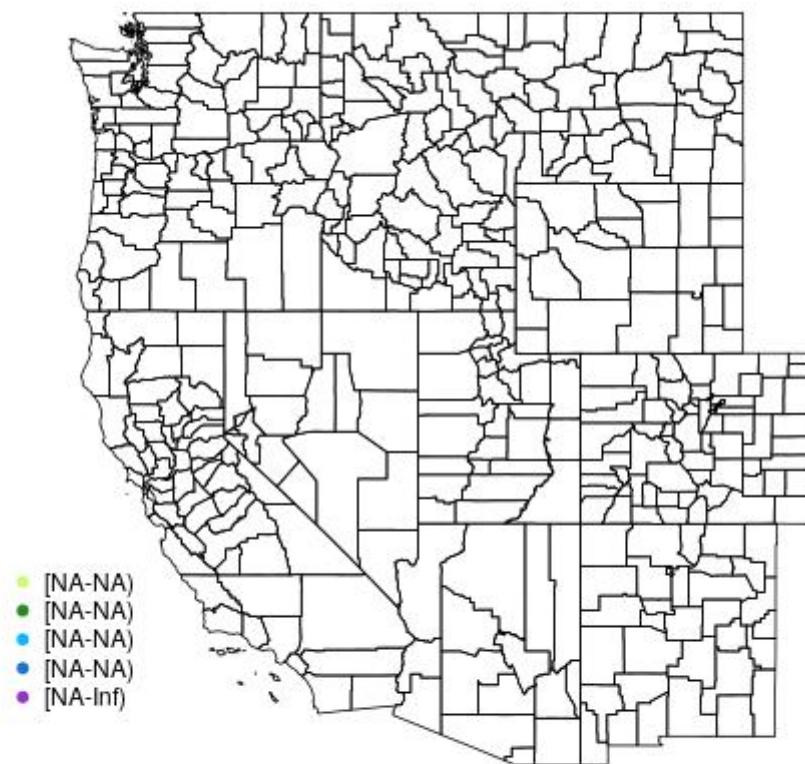


Figure 142: GASP AOD 2016-03-22

**GASP AOD 2016-03-24**

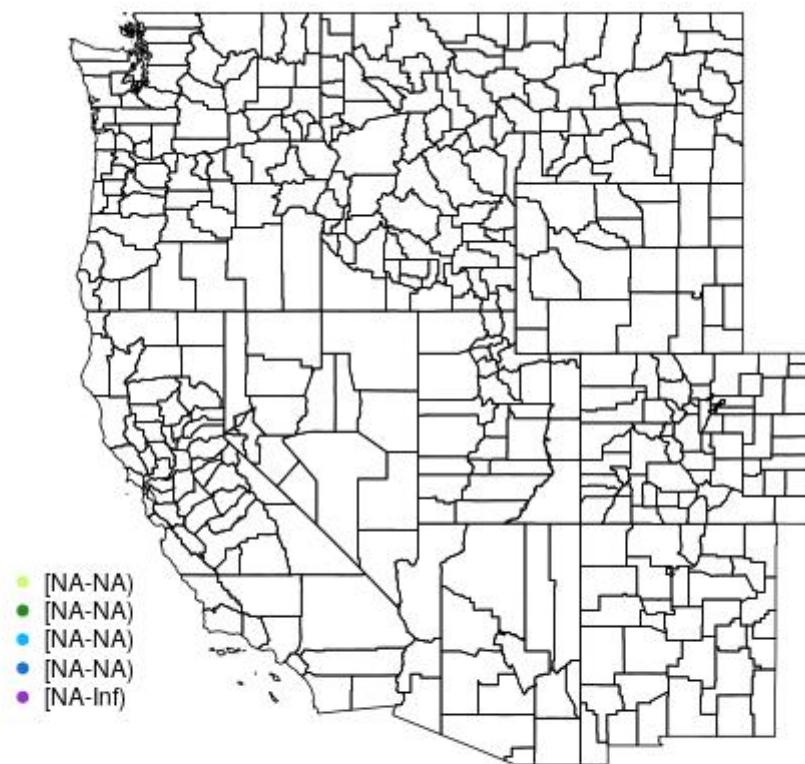


Figure 143: GASP AOD 2016-03-24

**GASP AOD 2016-04-01**

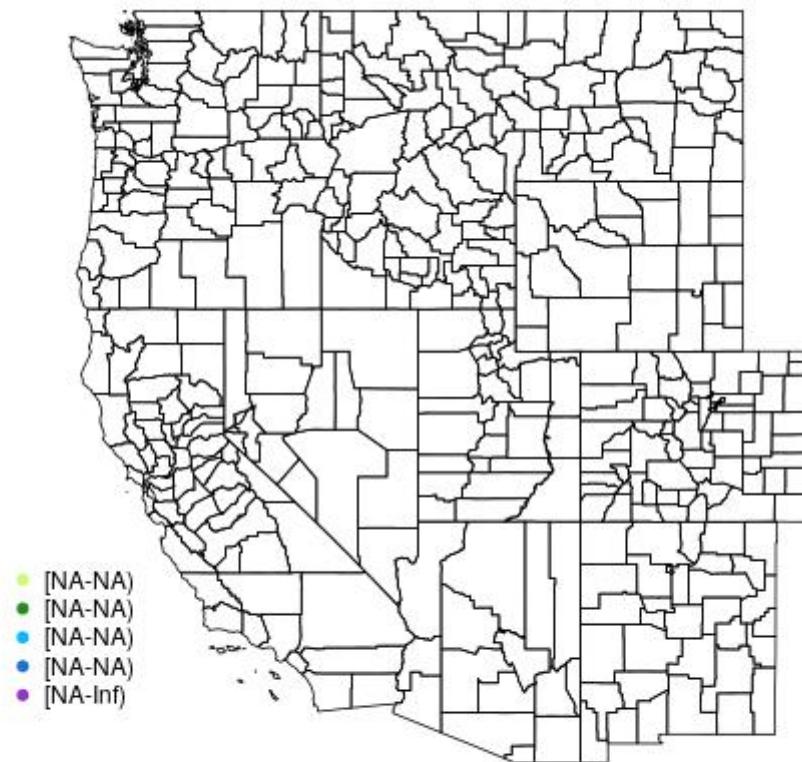


Figure 144: GASP AOD 2016-04-01

**GASP AOD 2016-04-02**

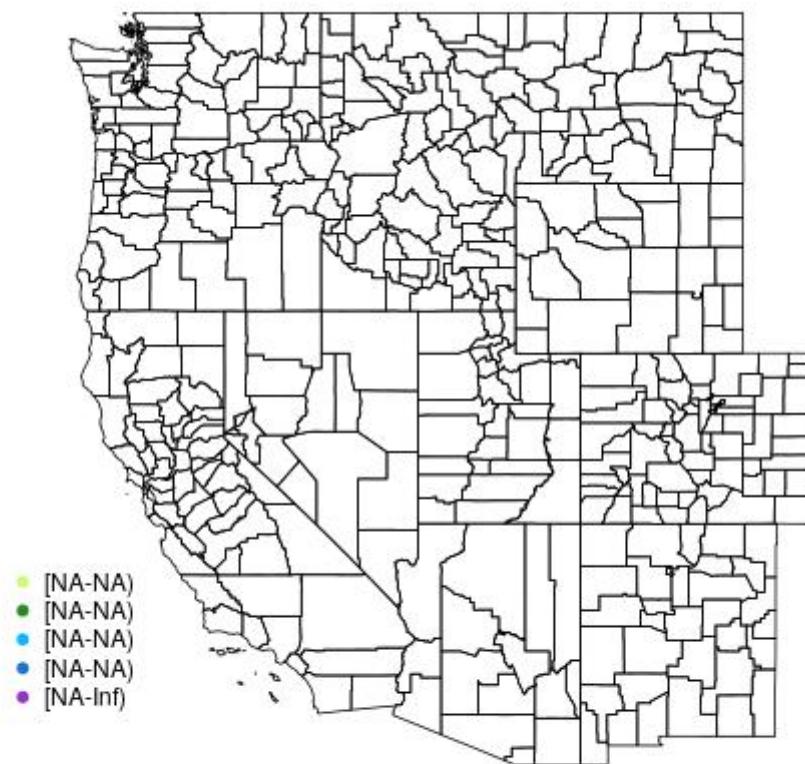


Figure 145: GASP AOD 2016-04-02

**MAIAC AOD 2016-03-20**

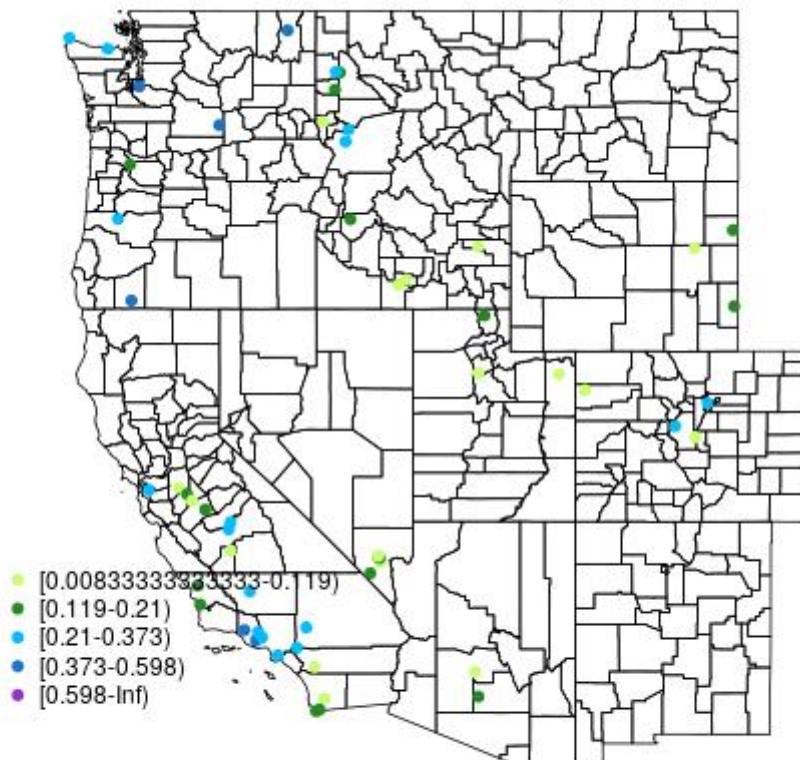


Figure 146: MAIAC AOD 2016-03-20

**MAIAC AOD 2016-03-19**

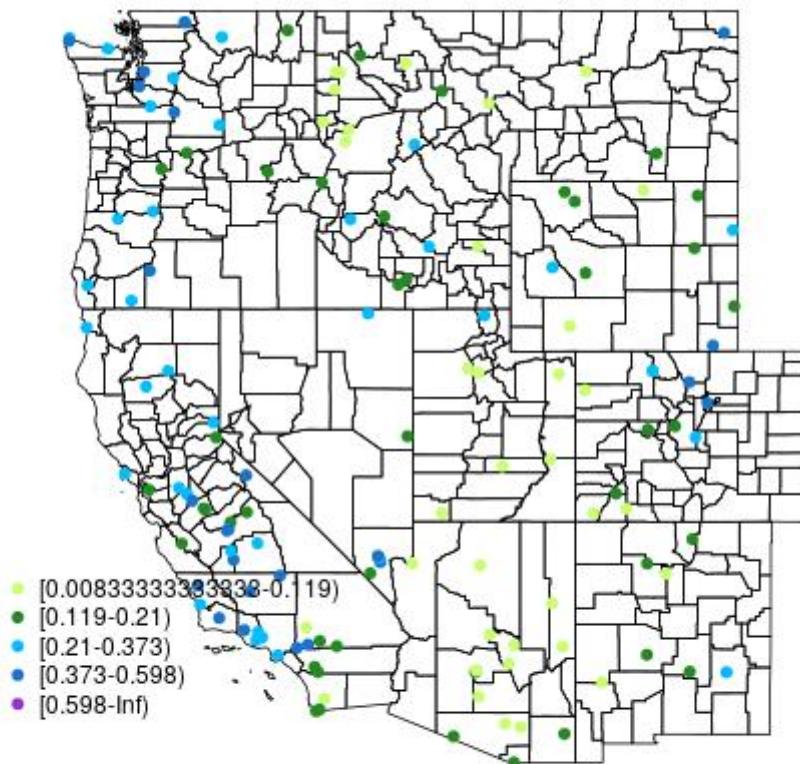


Figure 147: MAIAC AOD 2016-03-19

**MAIAC AOD 2016-03-22**

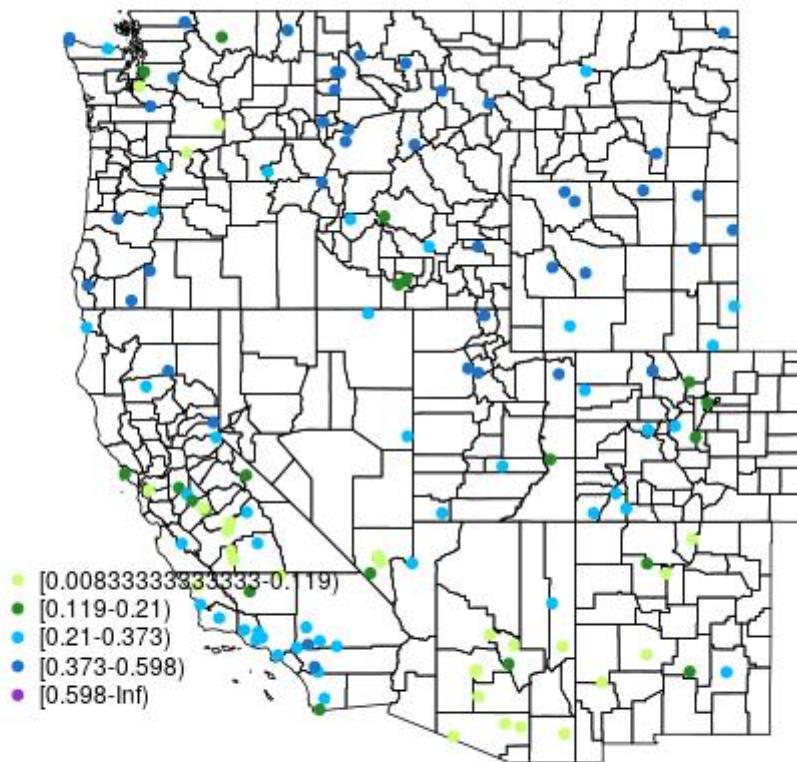


Figure 148: MAIAC AOD 2016-03-22

**MAIAC AOD 2016-03-24**

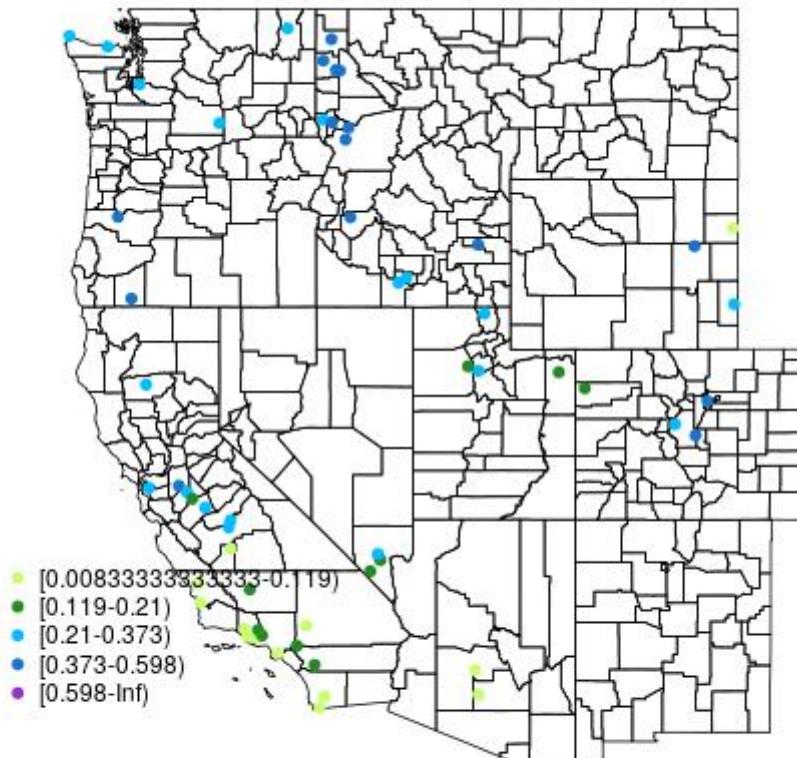


Figure 149: MAIAC AOD 2016-03-24

**MAIAC AOD 2016-04-01**

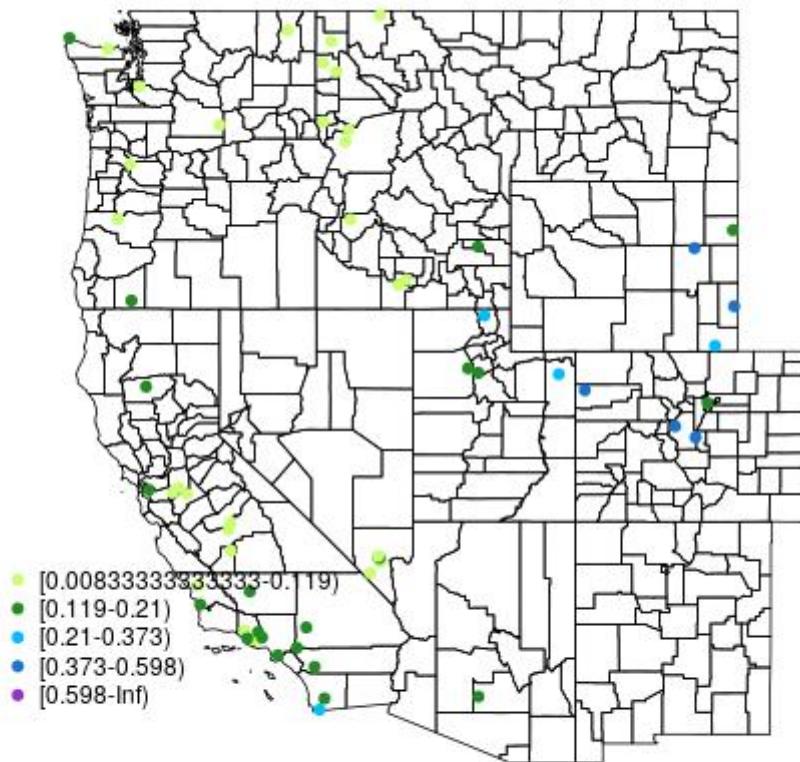


Figure 150: MAIAC AOD 2016-04-01

**MAIAC AOD 2016-04-02**

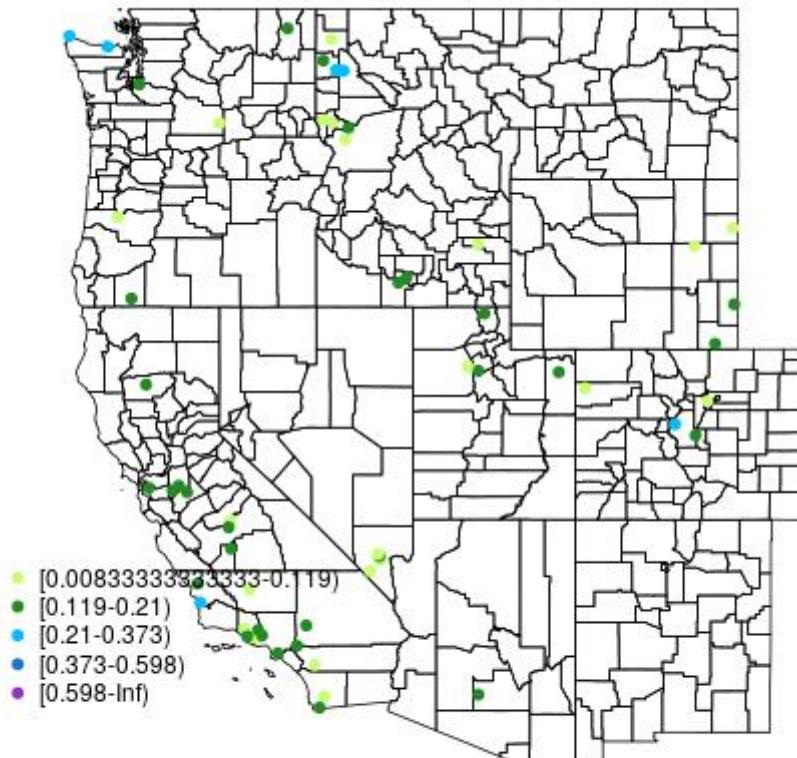


Figure 151: MAIAC AOD 2016-04-02

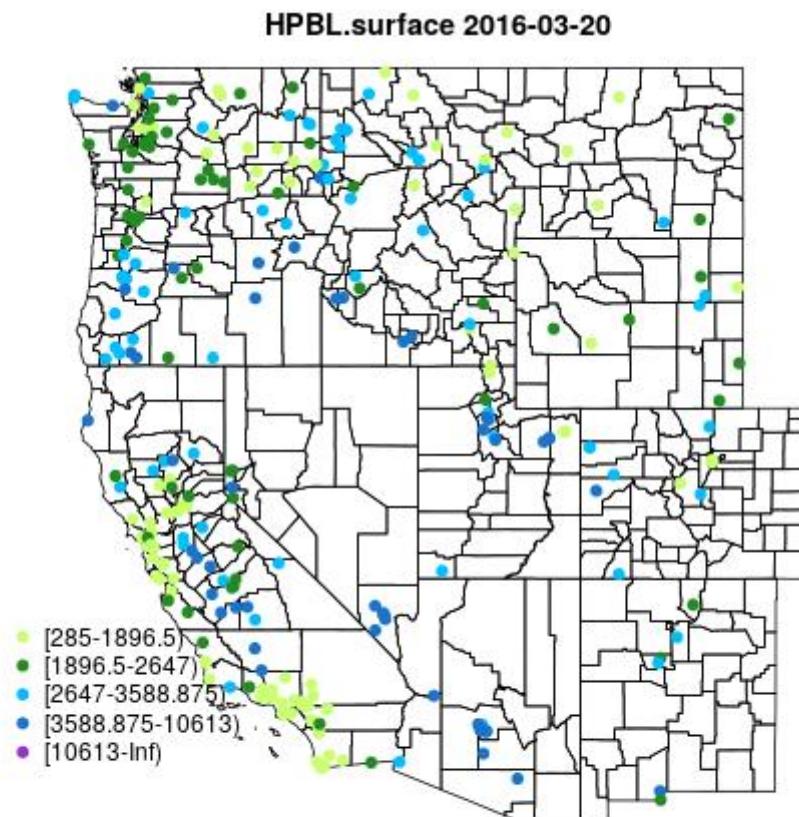


Figure 152: HPBL.surface 2016-03-20

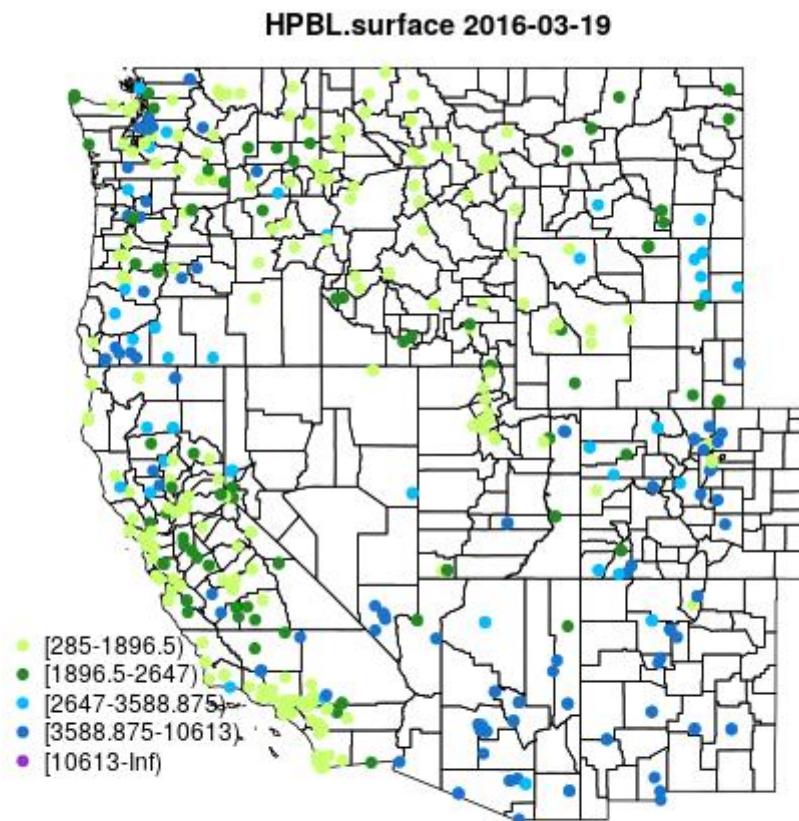


Figure 153: HPBL.surface 2016-03-19

**HPBL.surface 2016-03-22**

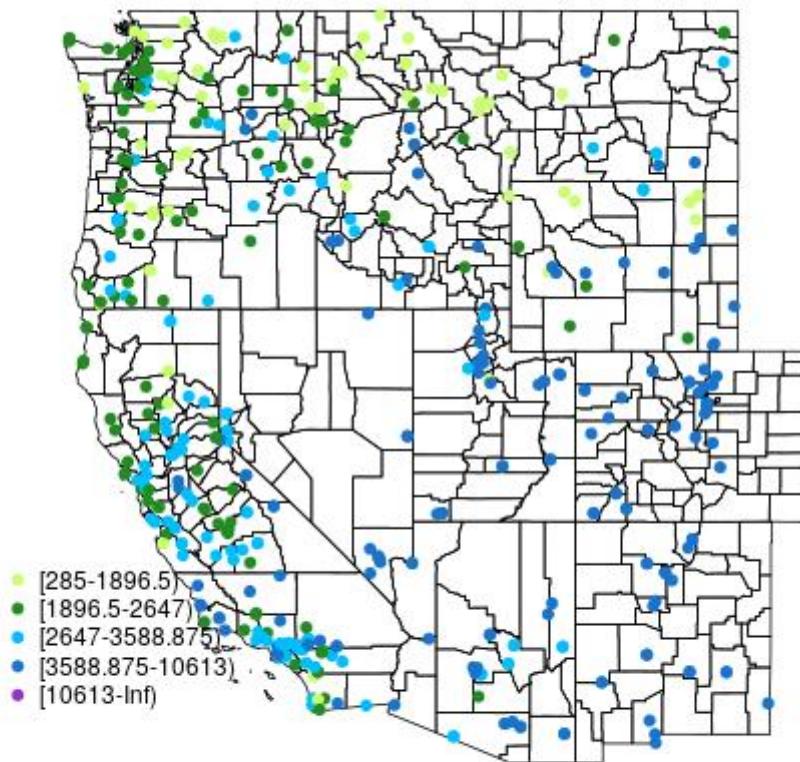


Figure 154: HPBL.surface 2016-03-22

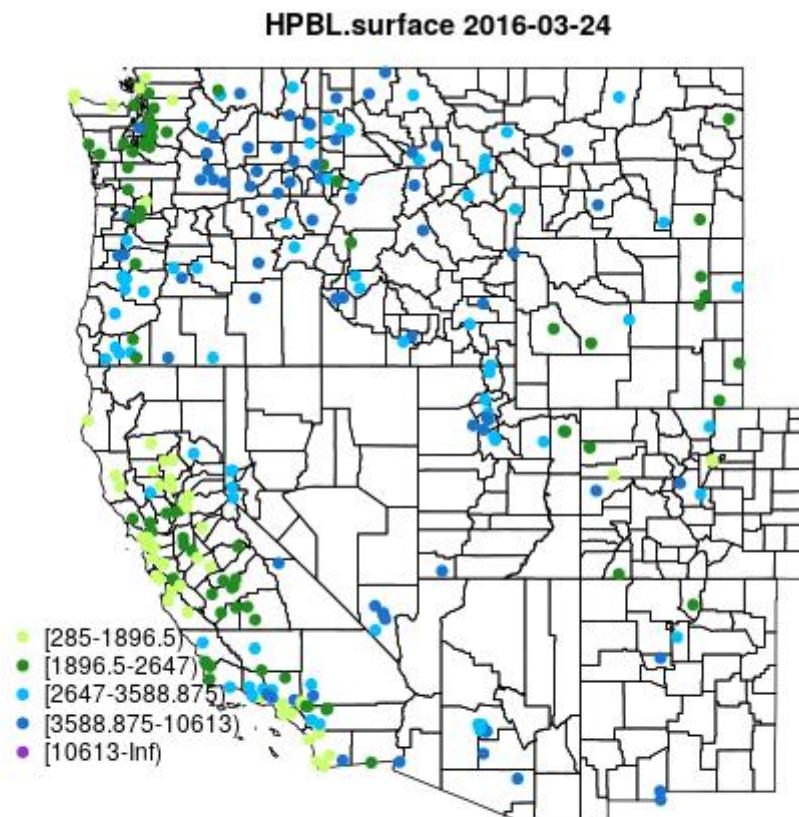


Figure 155: HPBL.surface 2016-03-24

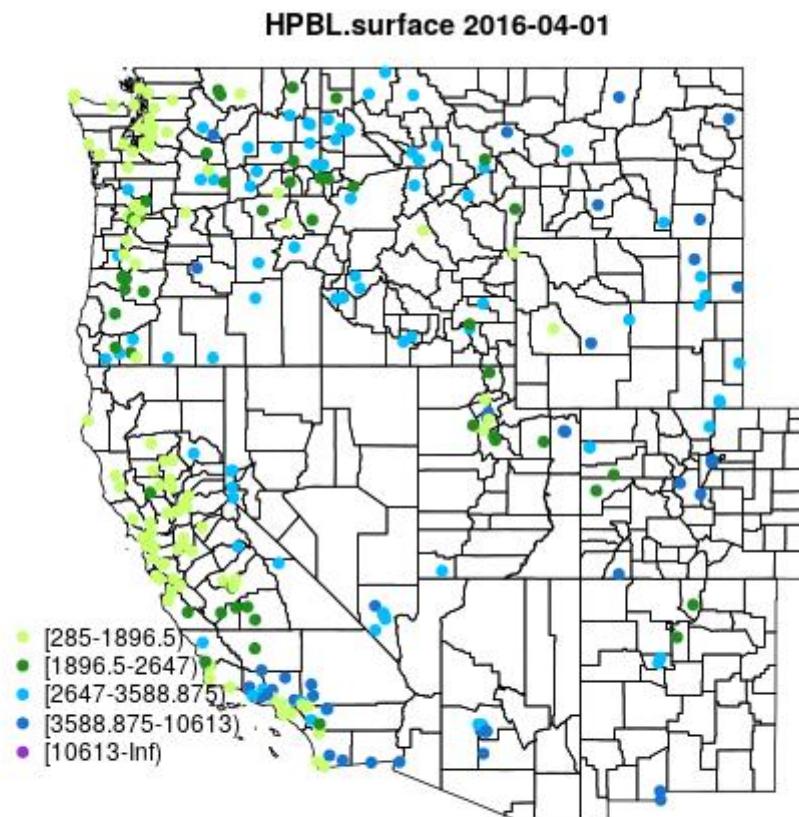


Figure 156: HPBL.surface 2016-04-01

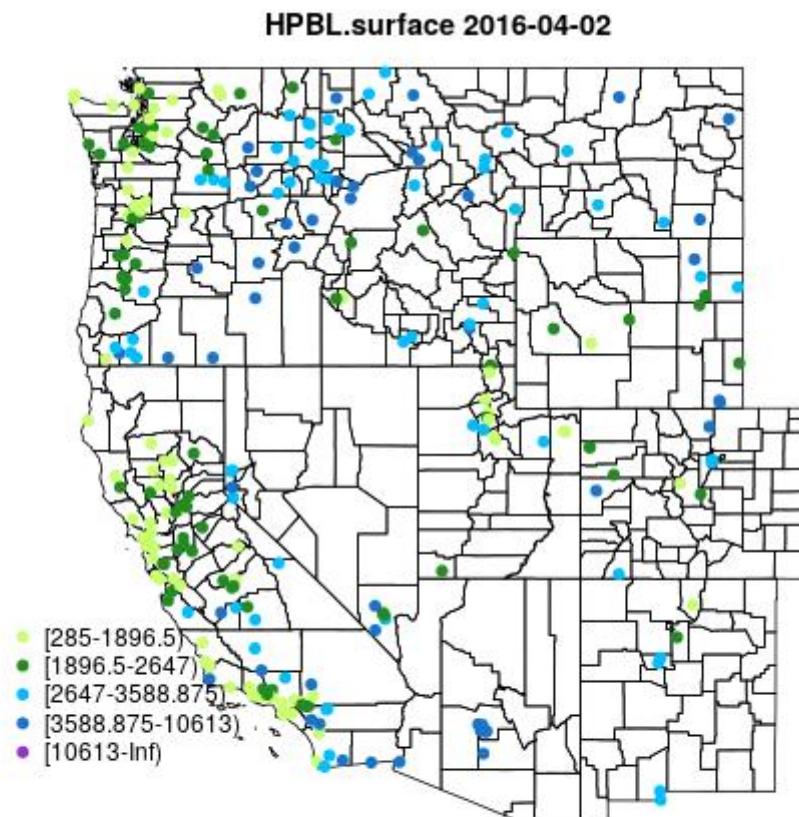


Figure 157: HPBL.surface 2016-04-02

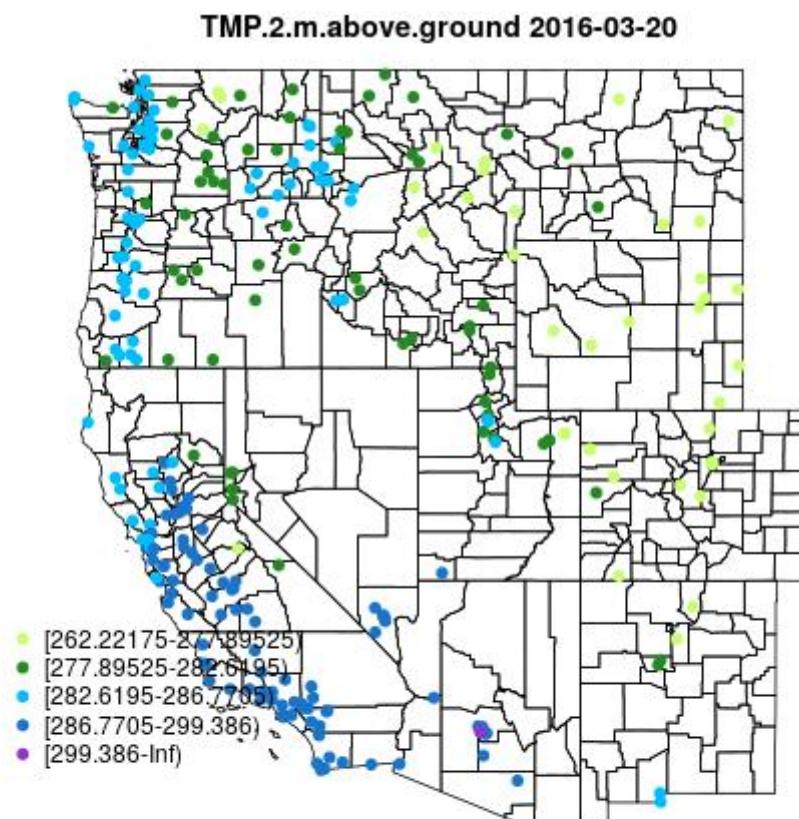


Figure 158: TMP.2.m.above.ground 2016-03-20

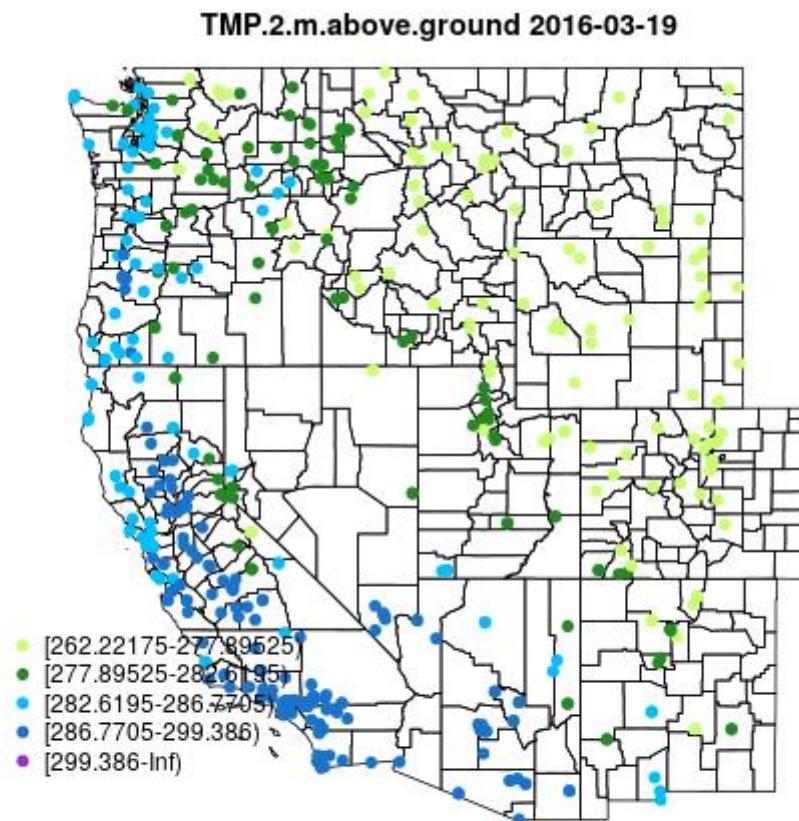


Figure 159: TMP.2.m.above.ground 2016-03-19

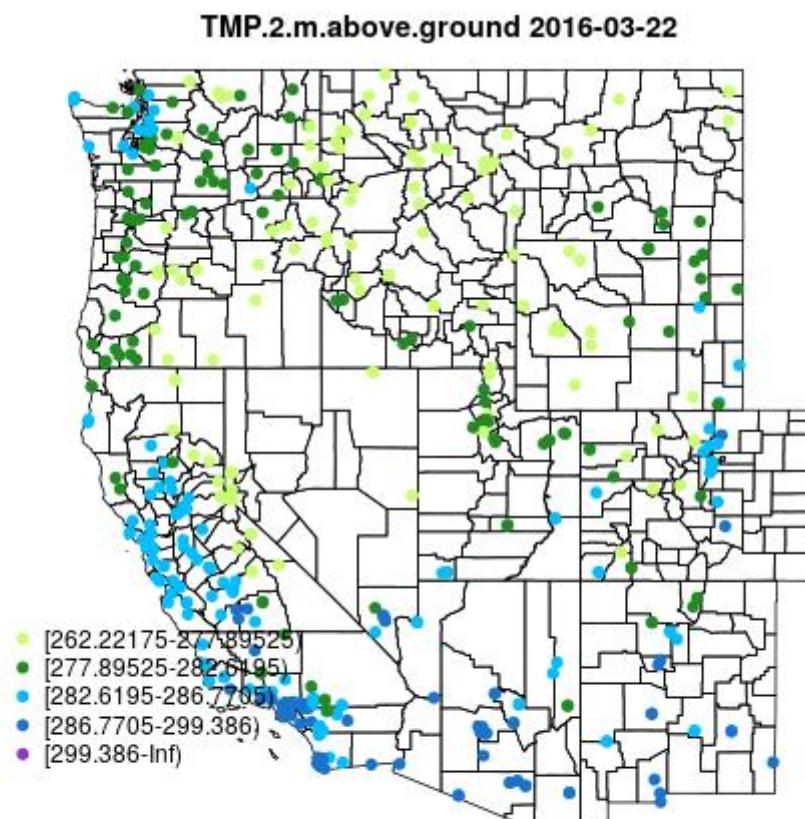


Figure 160: TMP.2.m.above.ground 2016-03-22

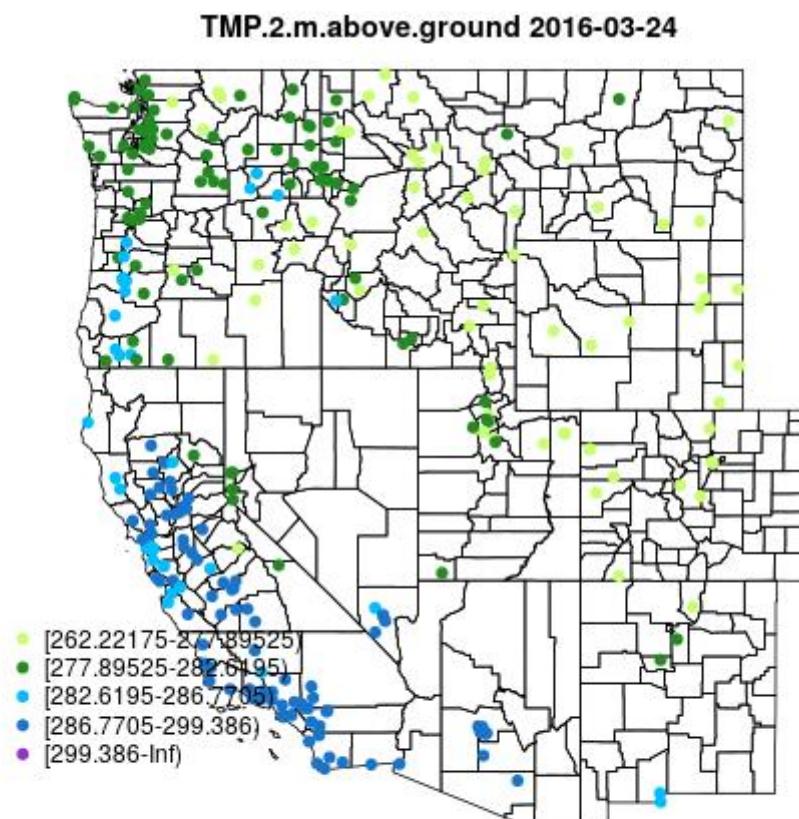


Figure 161: TMP.2.m.above.ground 2016-03-24

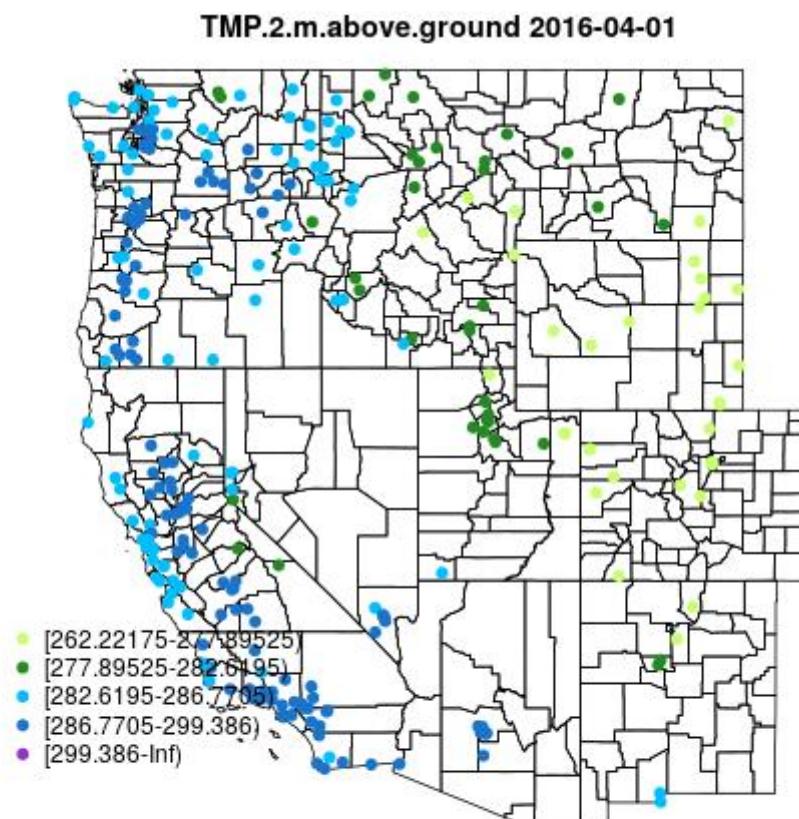


Figure 162: TMP.2.m.above.ground 2016-04-01

**TMP.2.m.above.ground 2016-04-02**

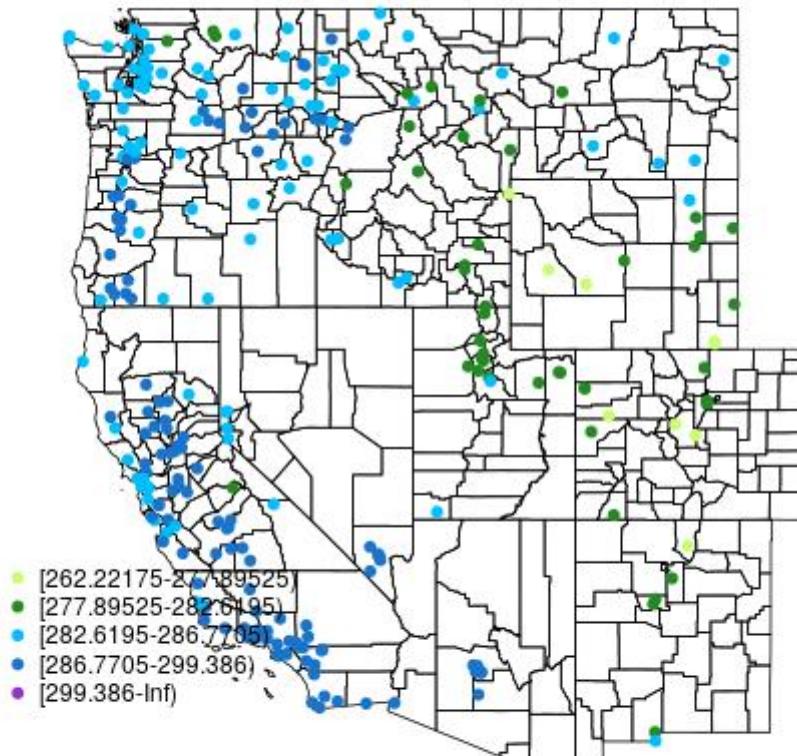


Figure 163: TMP.2.m.above.ground 2016-04-02

RH.2.m.above.ground 2016-03-20

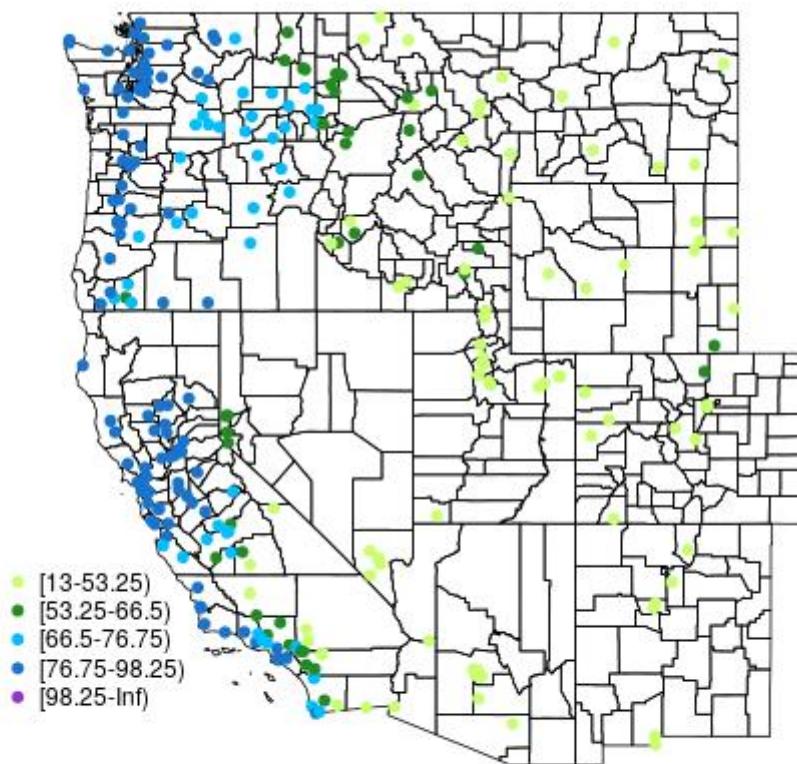


Figure 164: RH.2.m.above.ground 2016-03-20

RH.2.m.above.ground 2016-03-19

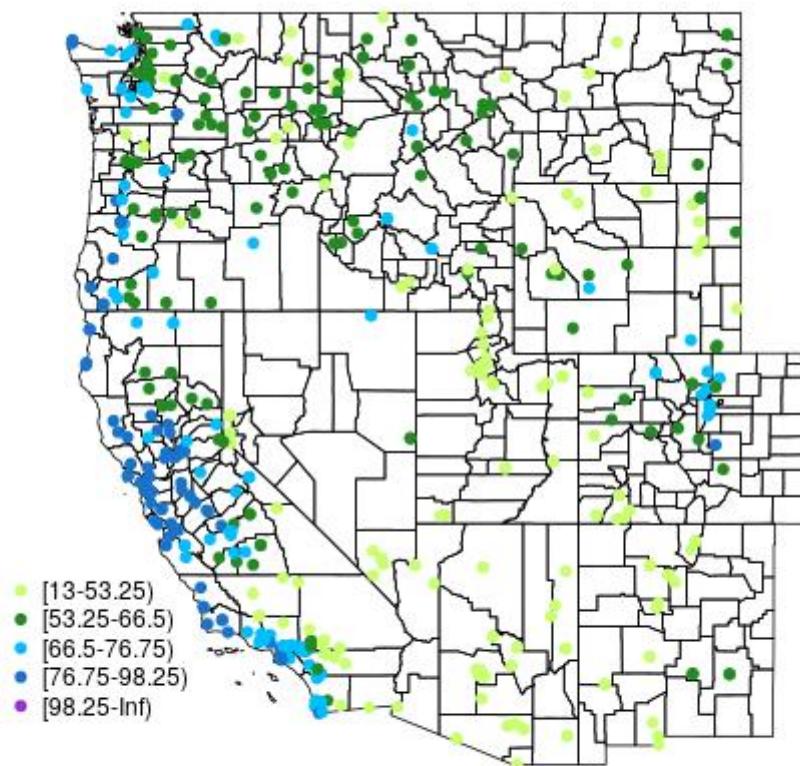


Figure 165: RH.2.m.above.ground 2016-03-19

RH.2.m.above.ground 2016-03-22

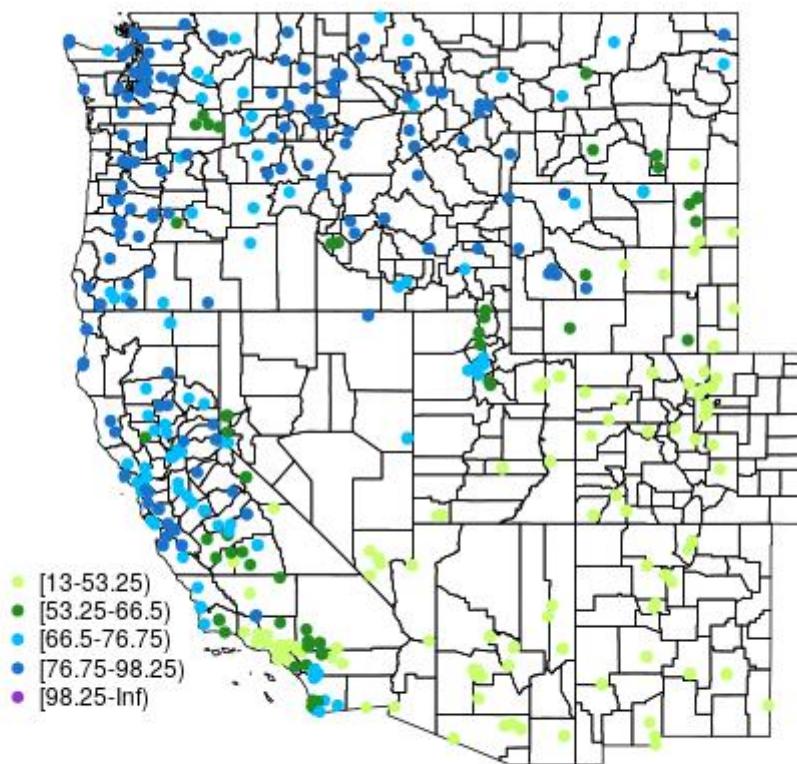


Figure 166: RH.2.m.above.ground 2016-03-22

RH.2.m.above.ground 2016-03-24

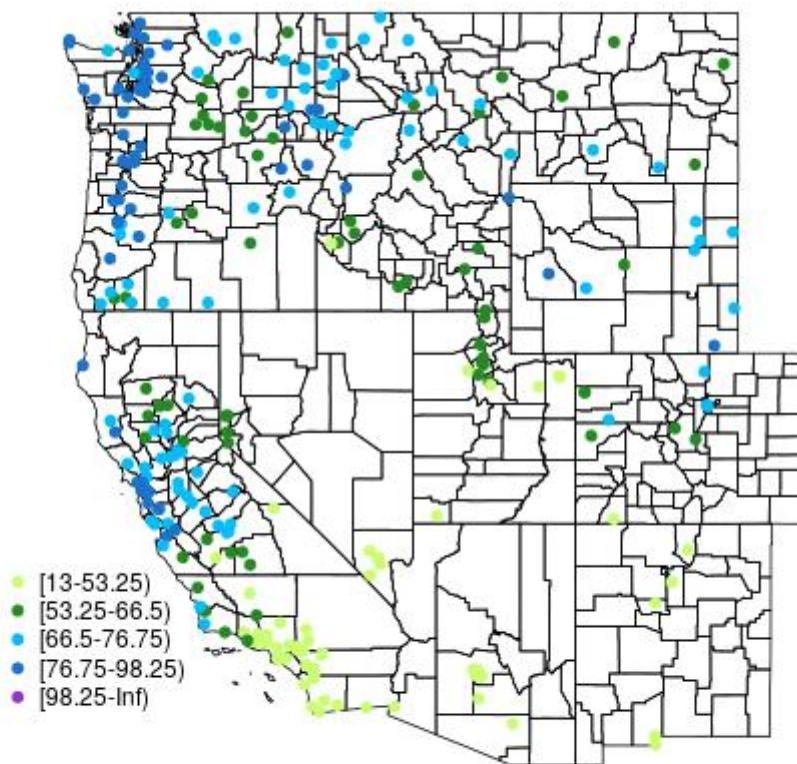


Figure 167: RH.2.m.above.ground 2016-03-24

**RH.2.m.above.ground 2016-04-01**

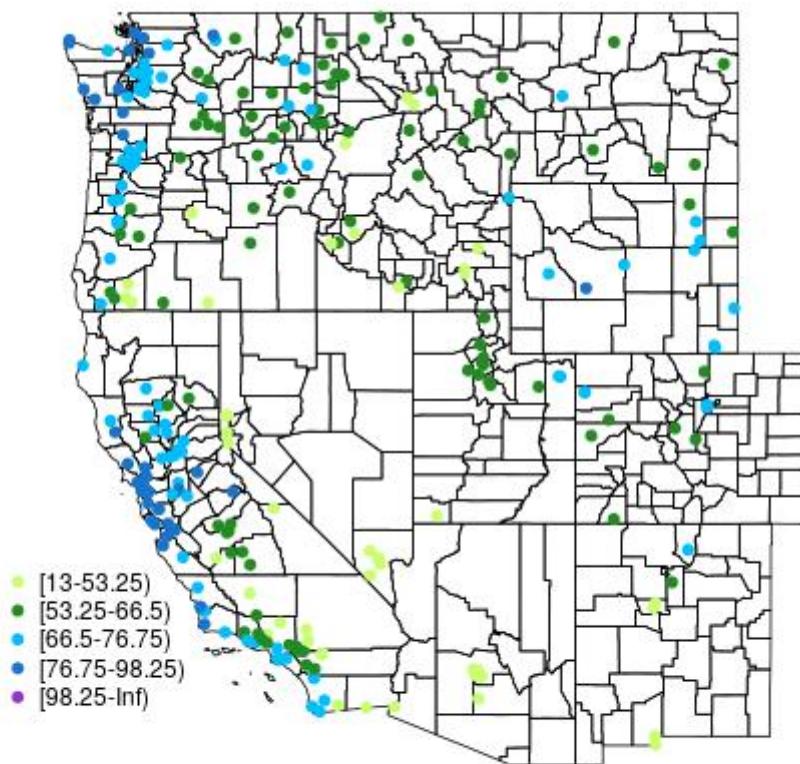


Figure 168: RH.2.m.above.ground 2016-04-01

RH.2.m.above.ground 2016-04-02

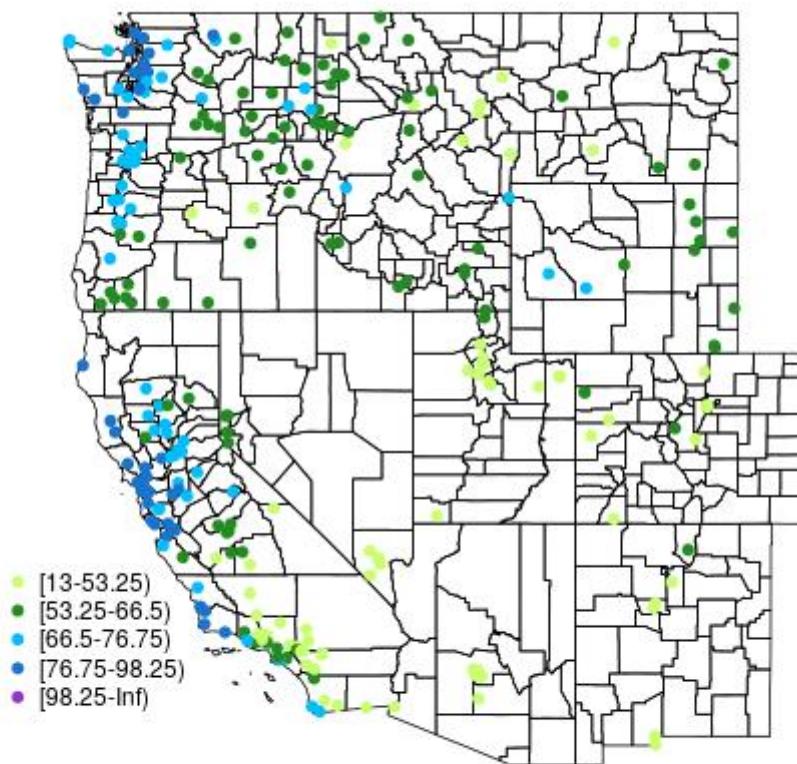


Figure 169: RH.2.m.above.ground 2016-04-02

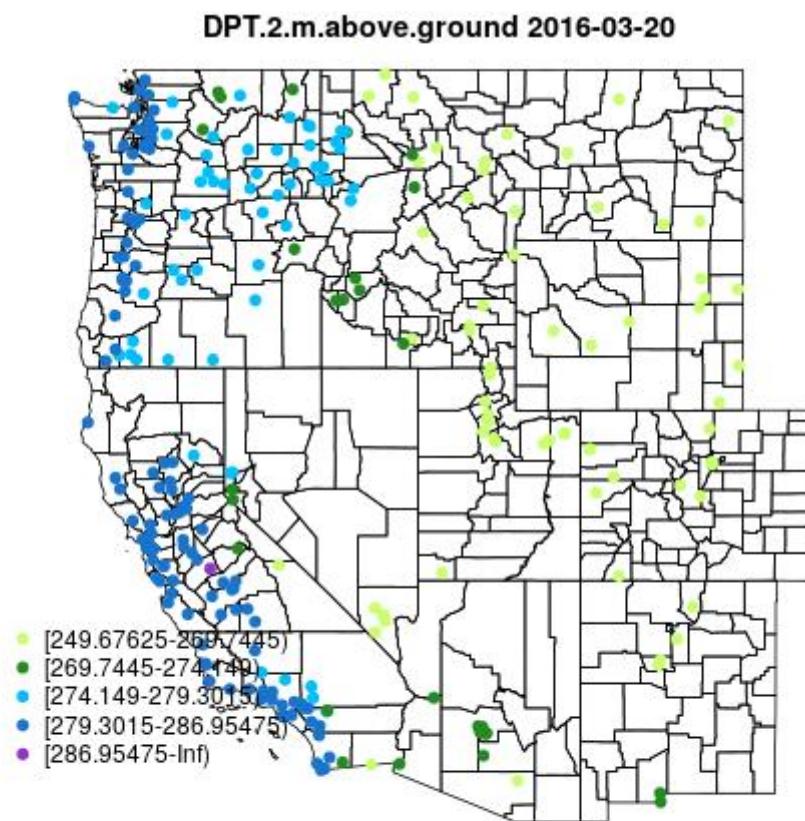


Figure 170: DPT.2.m.above.ground 2016-03-20

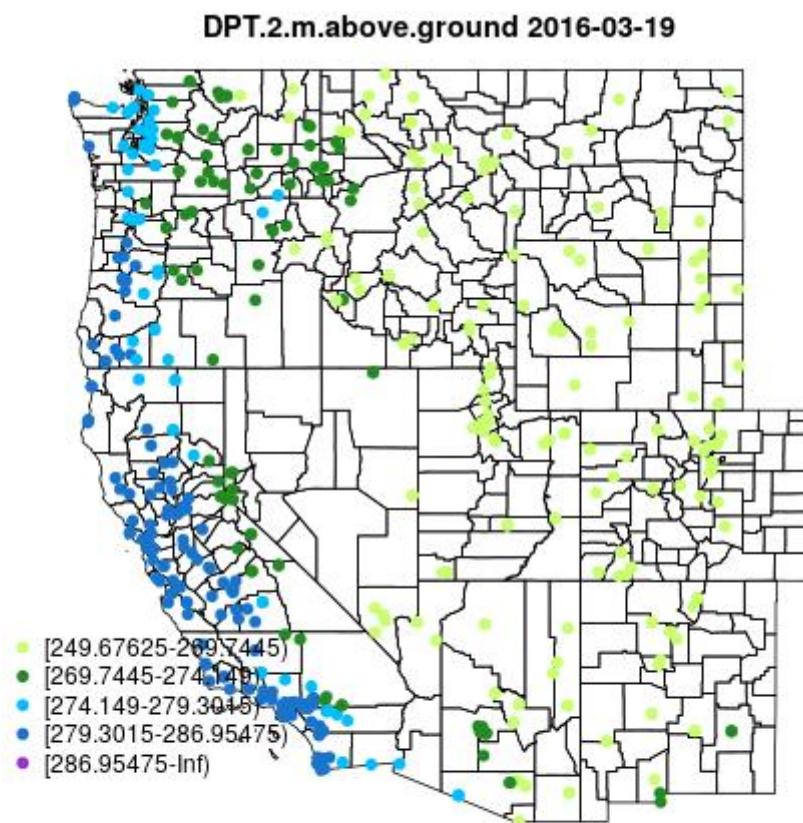


Figure 171: DPT.2.m.above.ground 2016-03-19

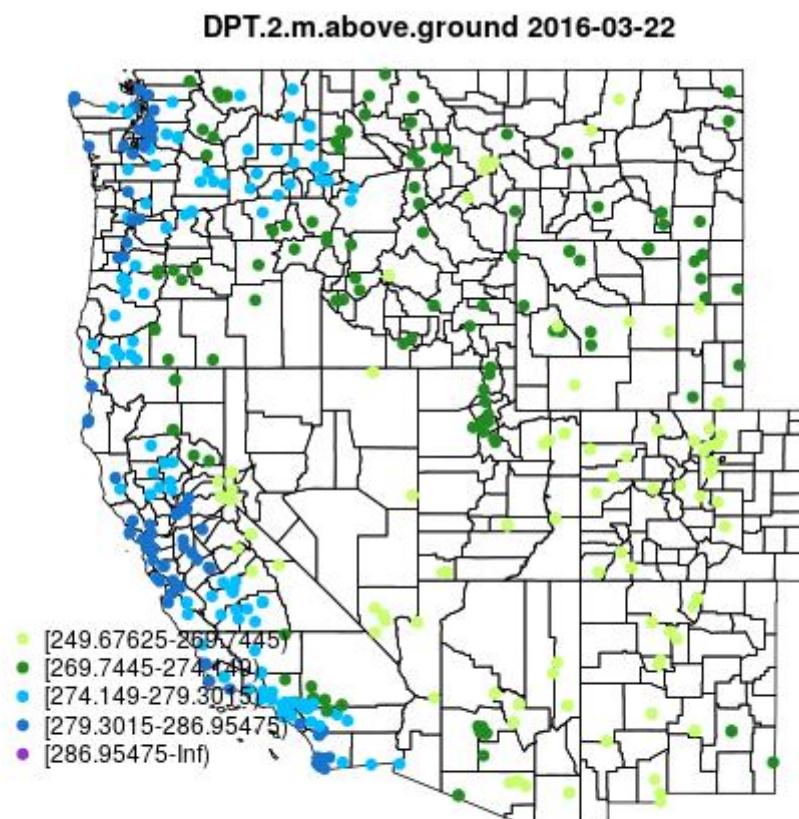


Figure 172: DPT.2.m.above.ground 2016-03-22

DPT.2.m.above.ground 2016-03-24

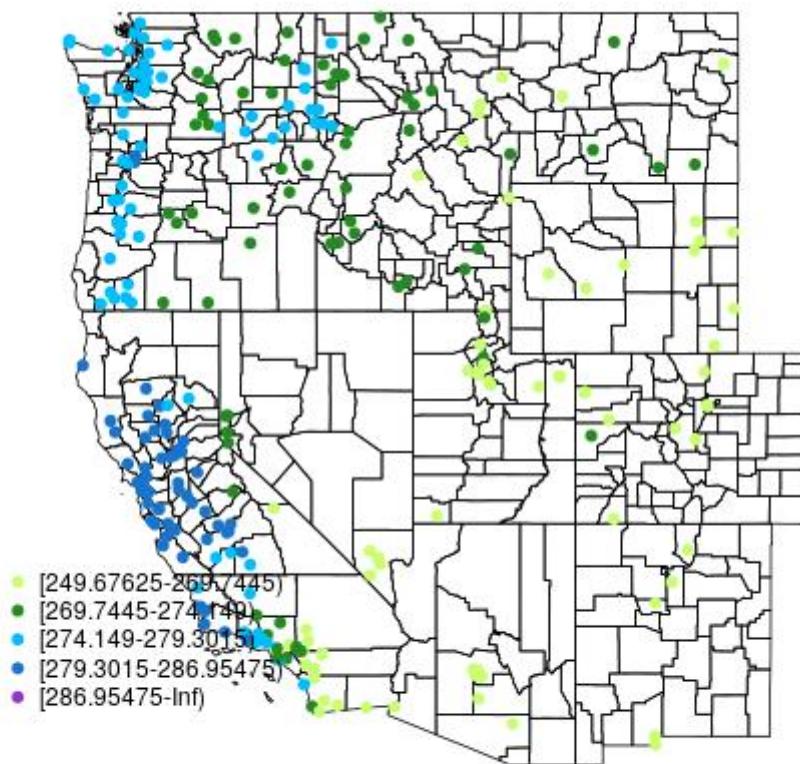


Figure 173: DPT.2.m.above.ground 2016-03-24

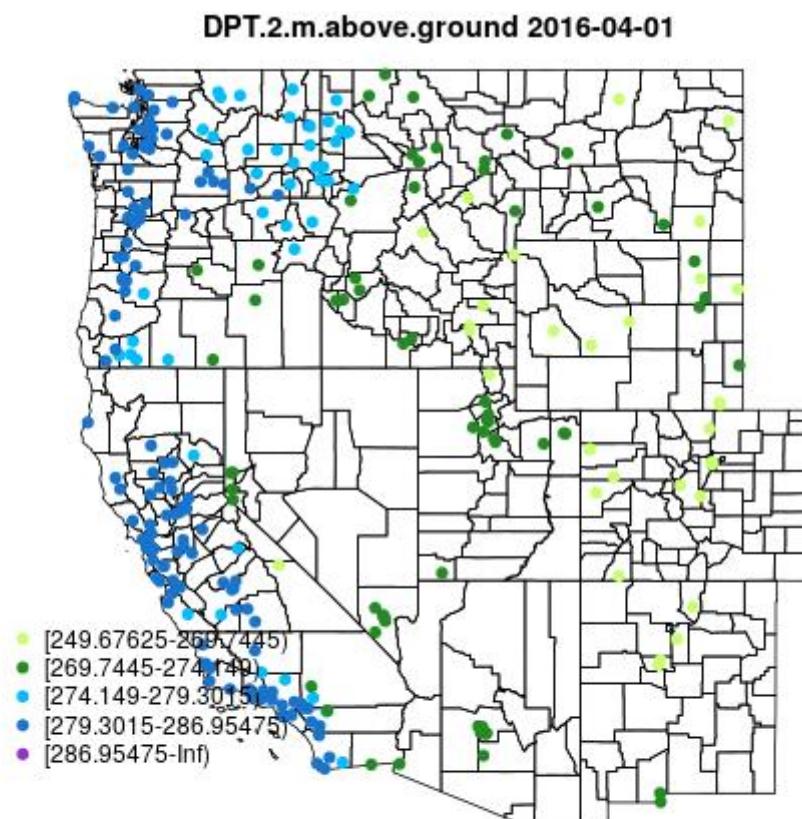


Figure 174: DPT.2.m.above.ground 2016-04-01

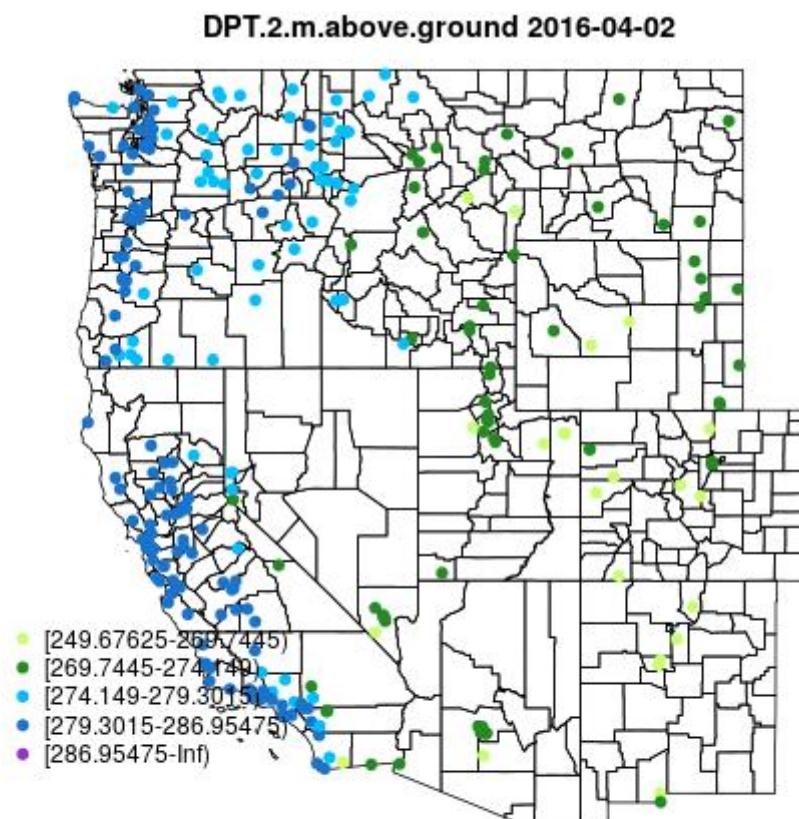


Figure 175: DPT.2.m.above.ground 2016-04-02

**APCP.surface 2016-03-20**

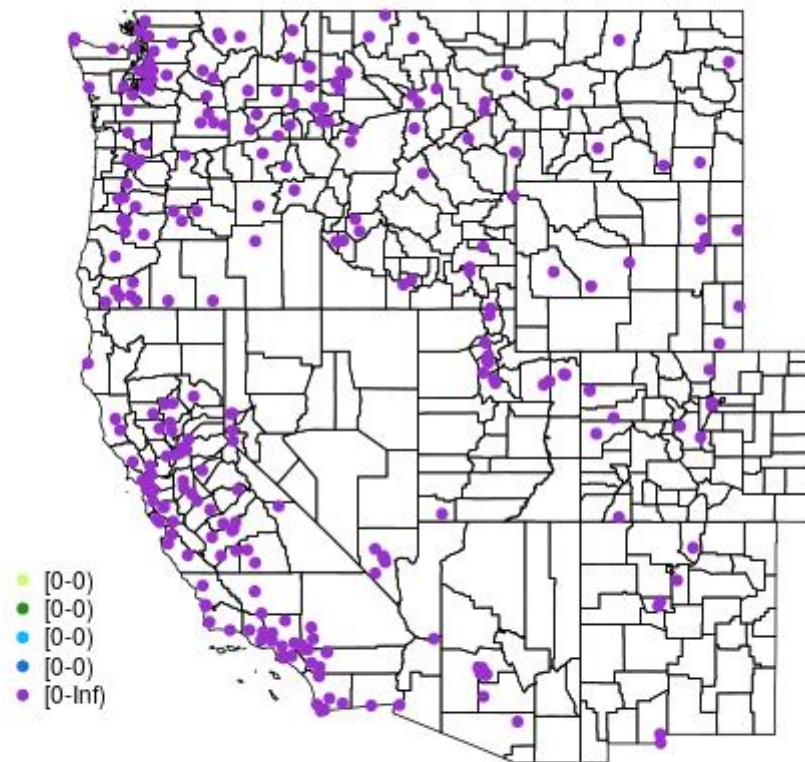


Figure 176: APCP.surface 2016-03-20

**APCP.surface 2016-03-19**

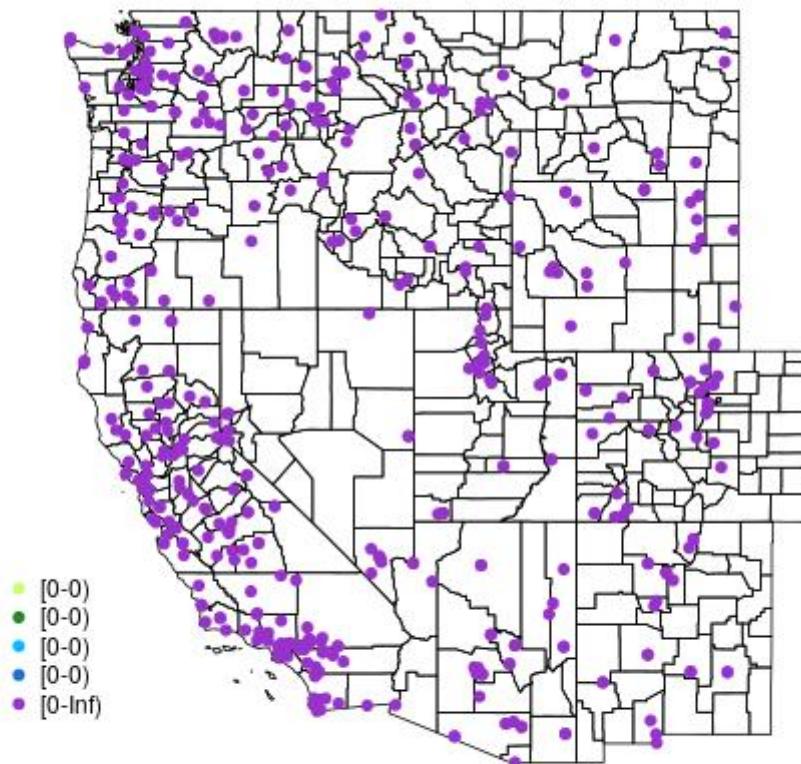


Figure 177: APCP.surface 2016-03-19

**APCP.surface 2016-03-22**

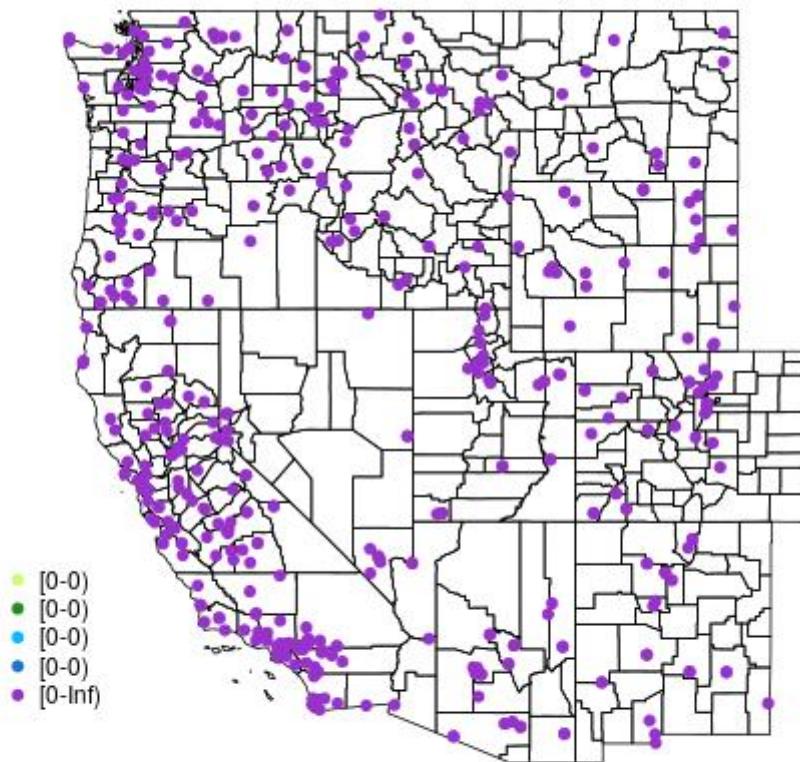


Figure 178: APCP.surface 2016-03-22

**APCP.surface 2016-03-24**

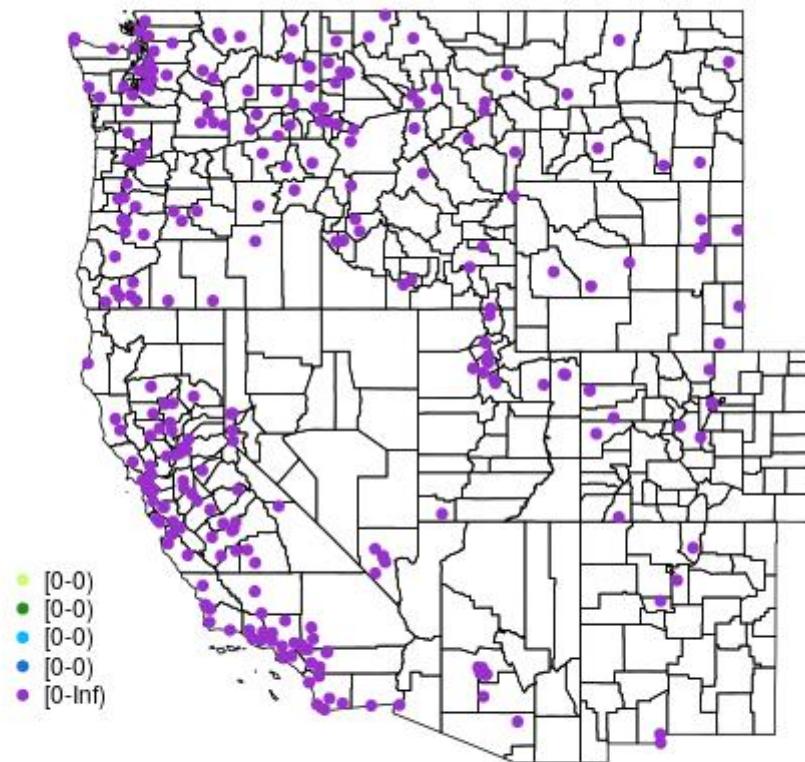


Figure 179: APCP.surface 2016-03-24

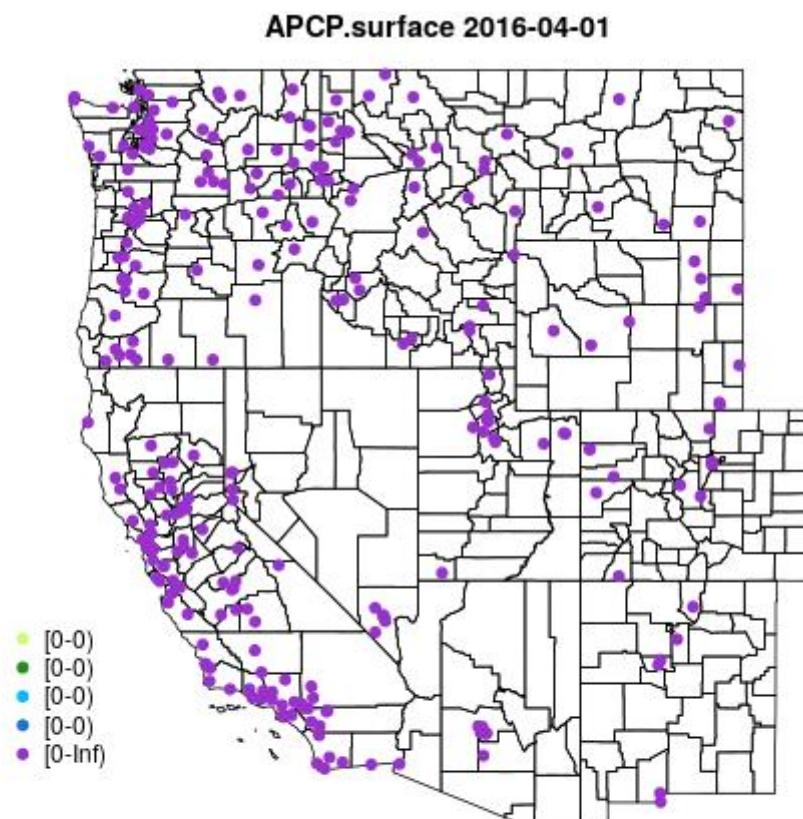


Figure 180: APCP.surface 2016-04-01

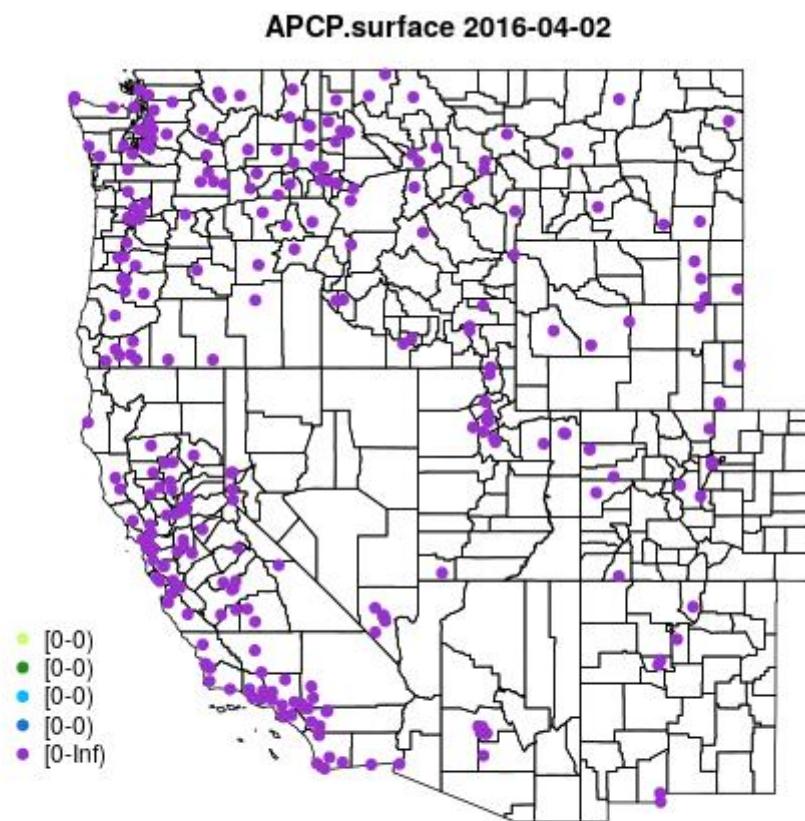


Figure 181: APCP.surface 2016-04-02

**WEASD.surface 2016-03-20**

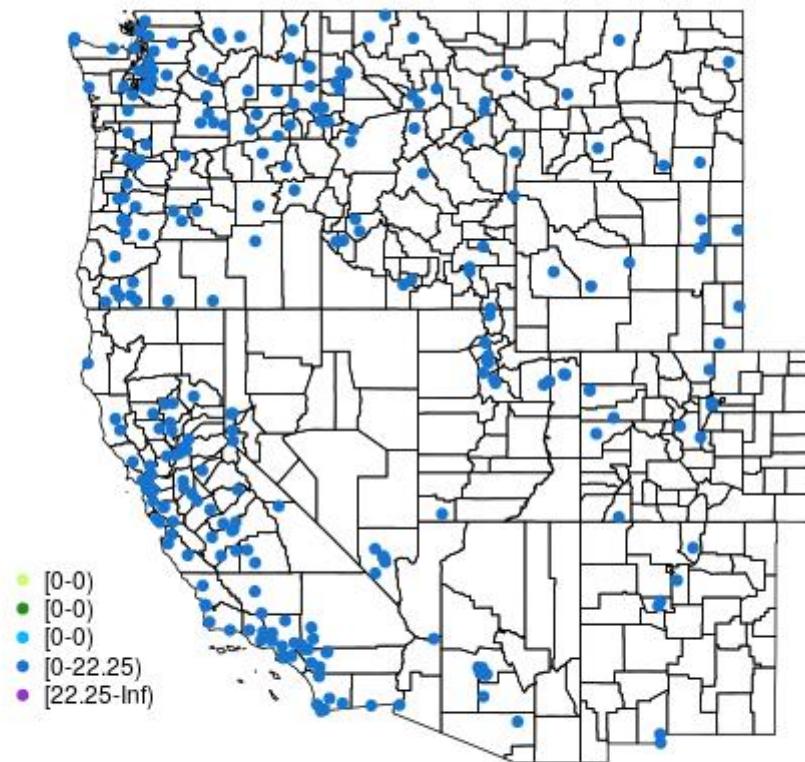


Figure 182: WEASD.surface 2016-03-20

**WEASD.surface 2016-03-19**

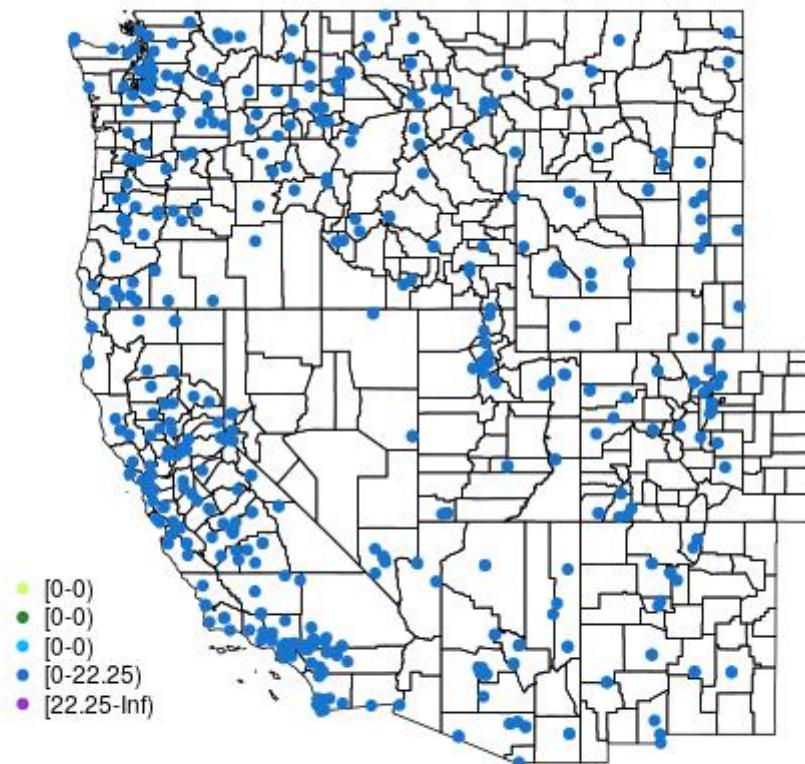


Figure 183: WEASD.surface 2016-03-19

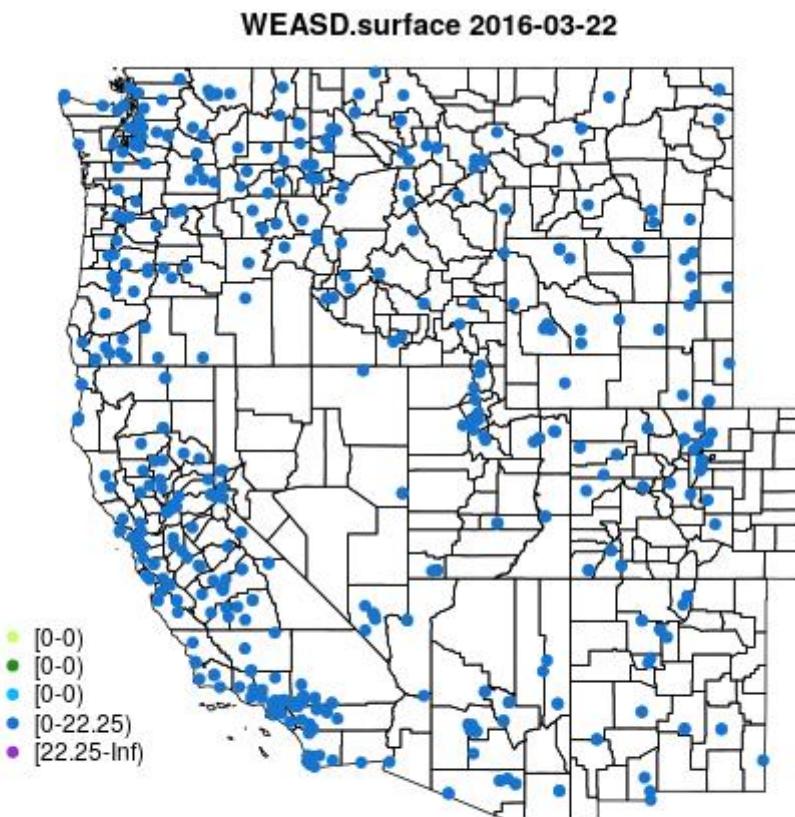


Figure 184: WEASD.surface 2016-03-22

**WEASD.surface 2016-03-24**

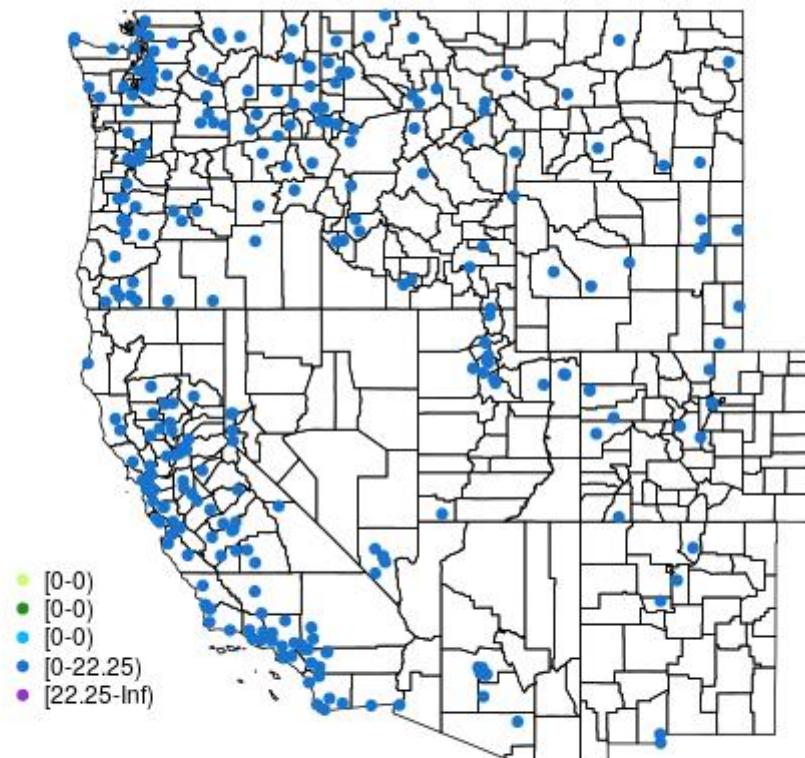


Figure 185: WEASD.surface 2016-03-24

**WEASD.surface 2016-04-01**

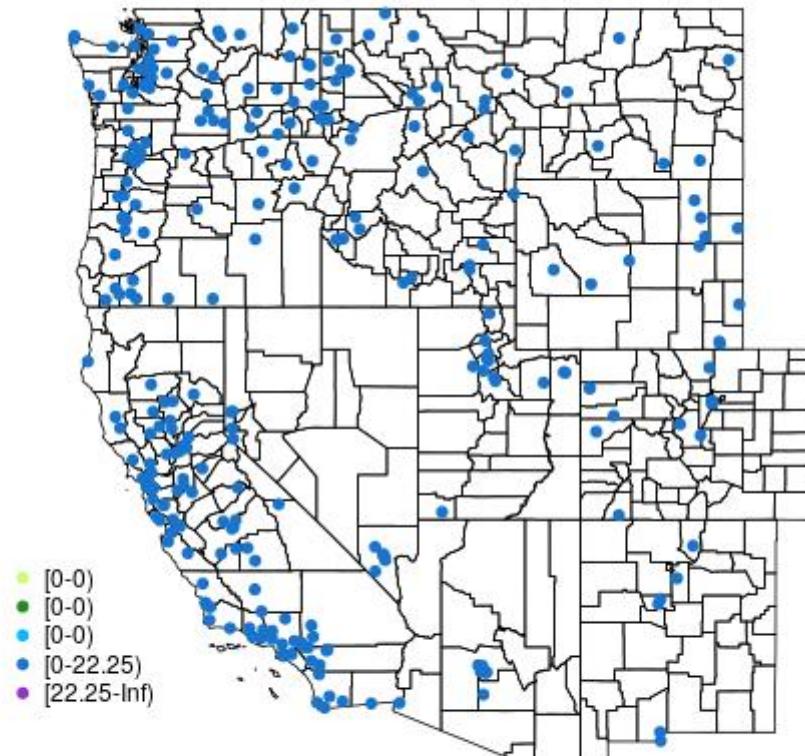


Figure 186: WEASD.surface 2016-04-01

**WEASD.surface 2016-04-02**

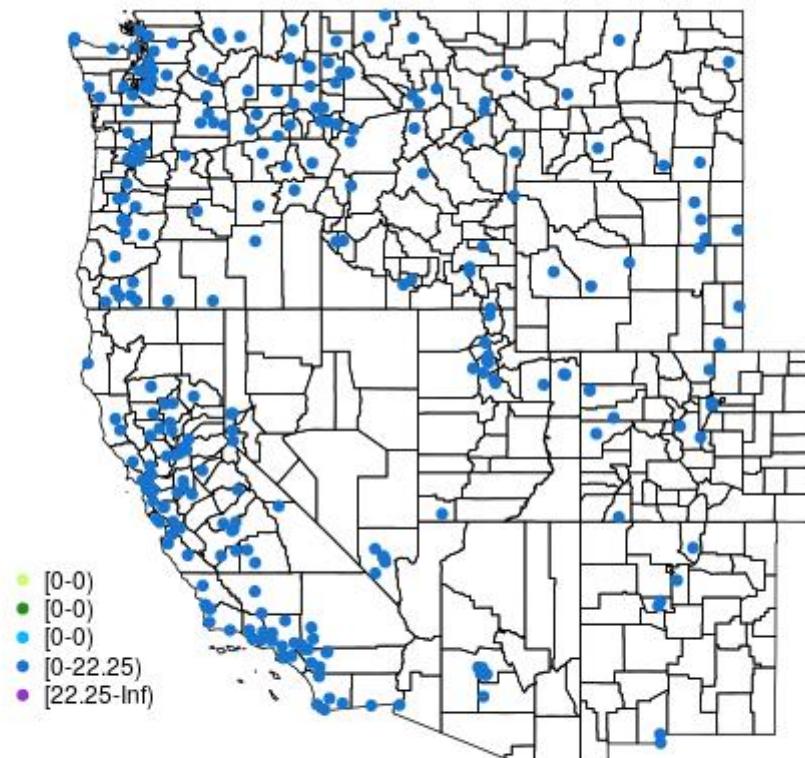


Figure 187: WEASD.surface 2016-04-02

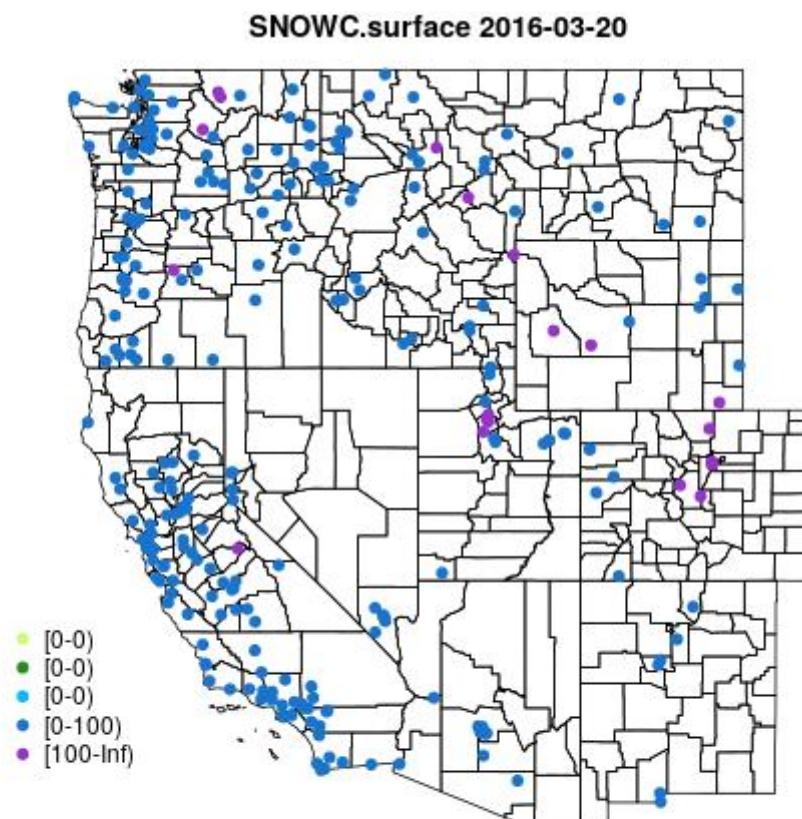


Figure 188: SNOWC.surface 2016-03-20

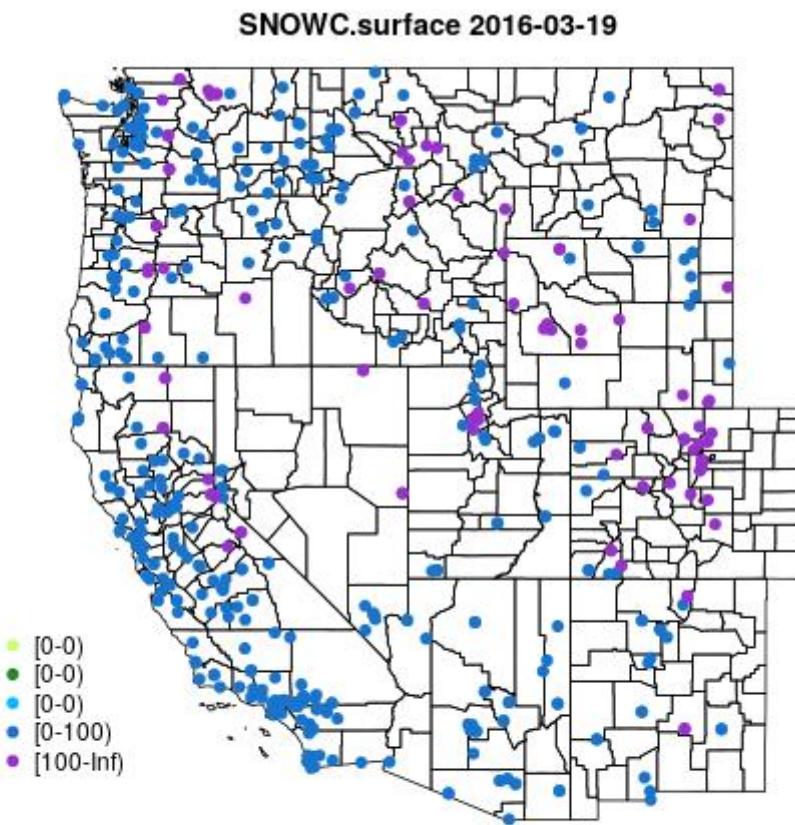


Figure 189: SNOWC.surface 2016-03-19

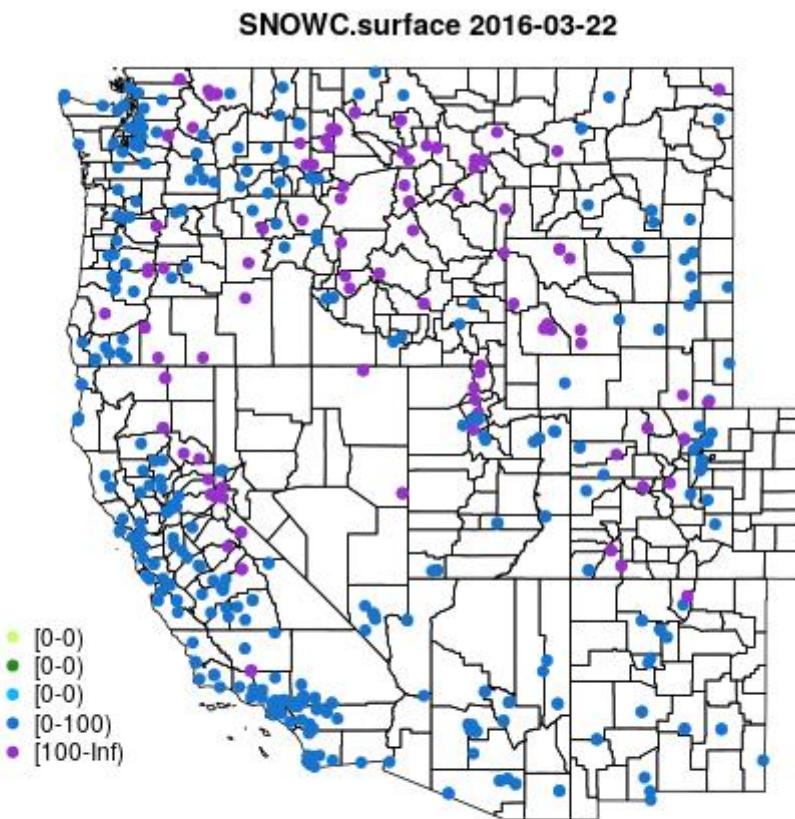


Figure 190: SNOWC.surface 2016-03-22

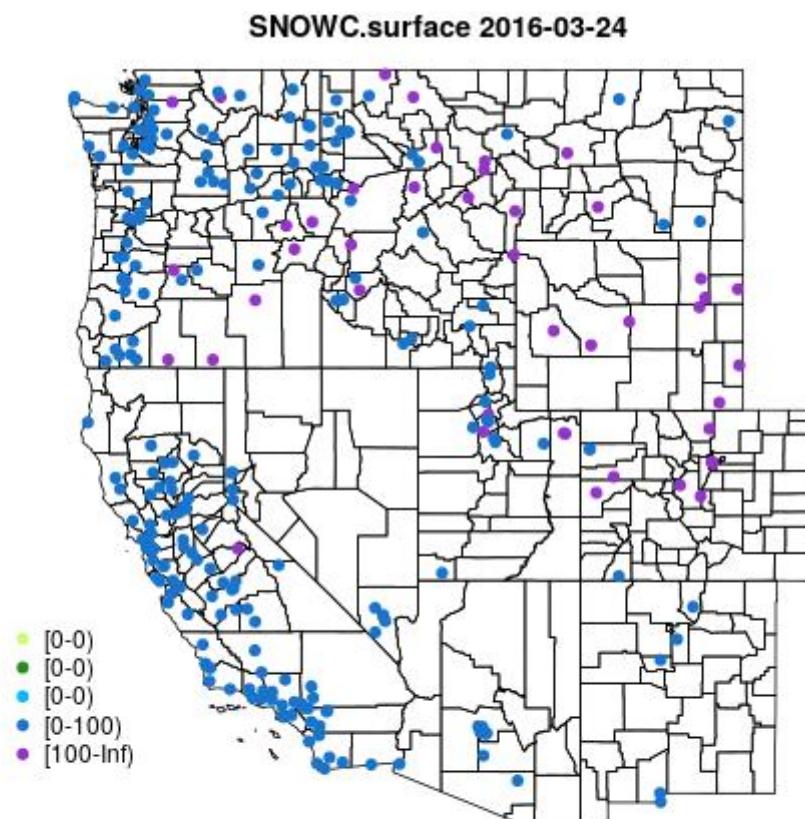


Figure 191: SNOWC.surface 2016-03-24

**SNOWC.surface 2016-04-01**

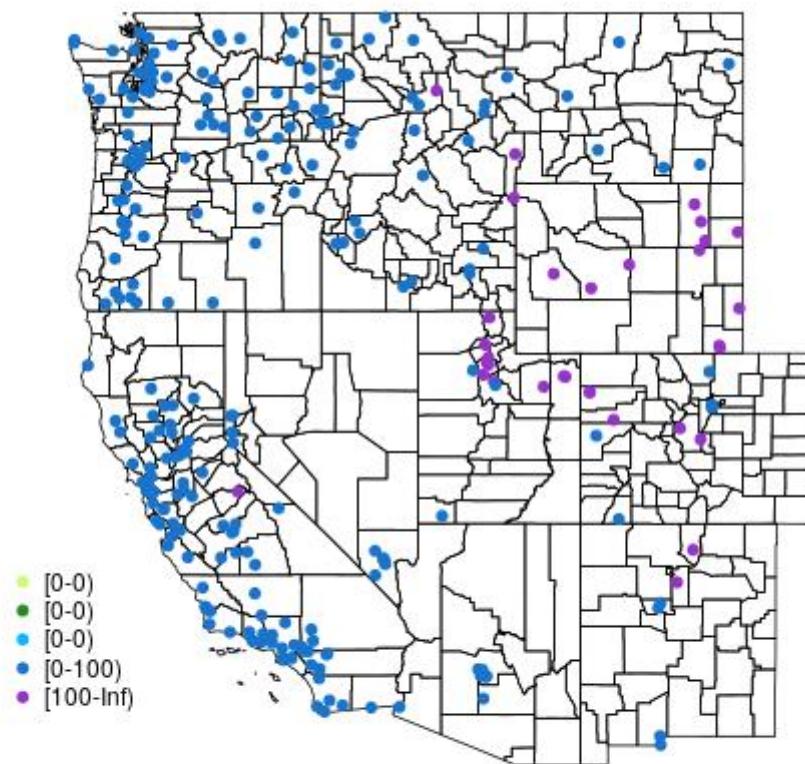


Figure 192: SNOWC.surface 2016-04-01

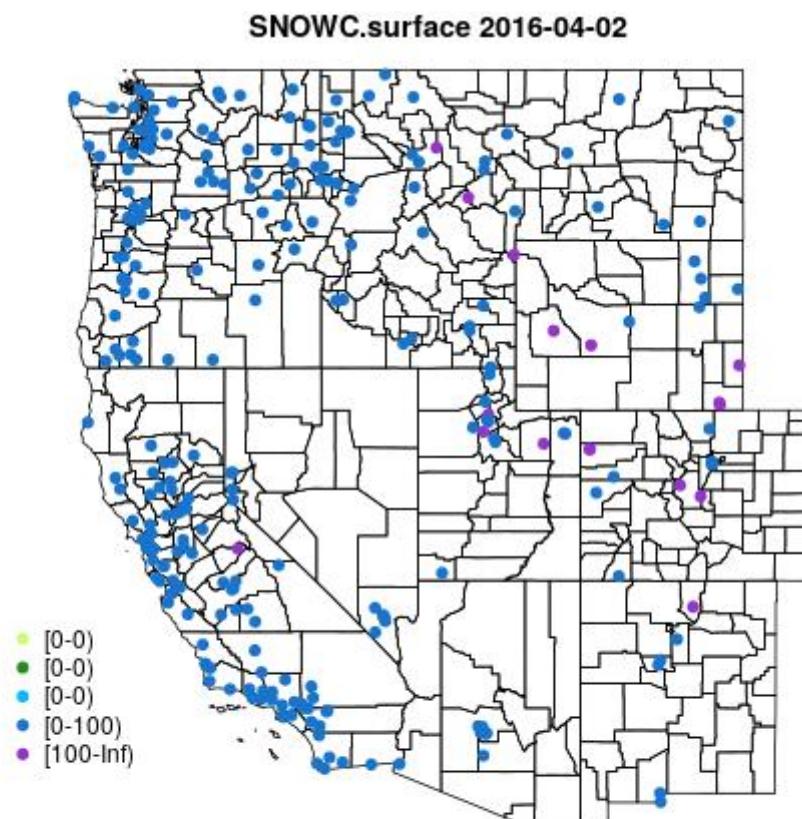


Figure 193: SNOWC.surface 2016-04-02

**UGRD.10.m.above.ground 2016-03-20**

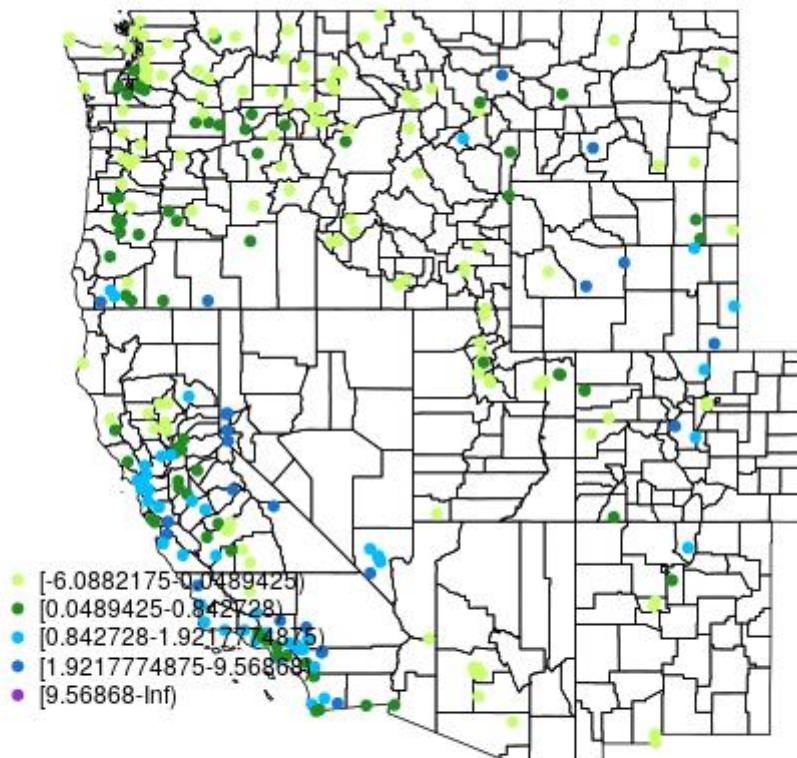


Figure 194: UGRD.10.m.above.ground 2016-03-20

**UGRD.10.m.above.ground 2016-03-19**

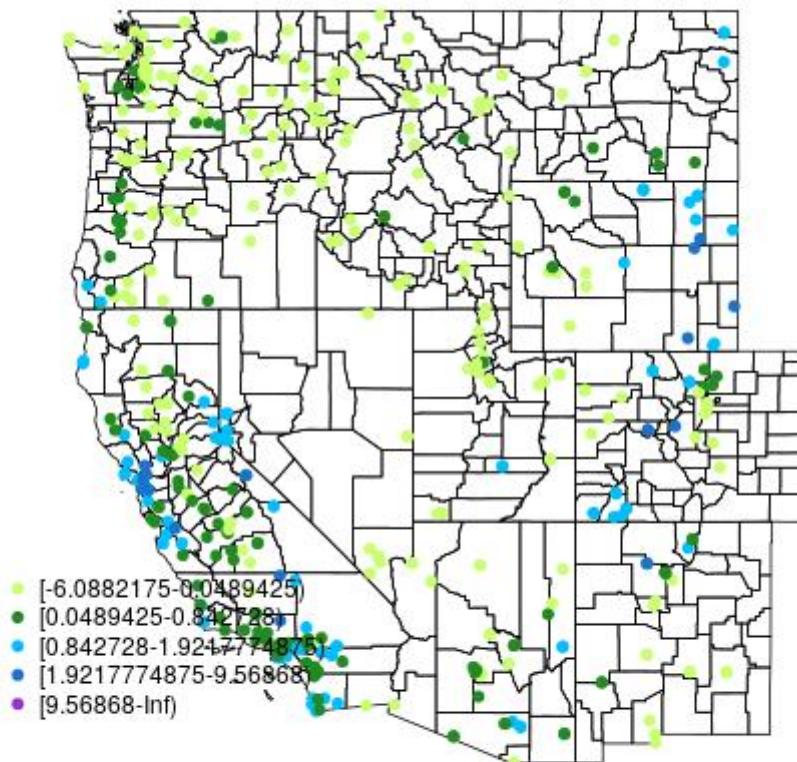


Figure 195: UGRD.10.m.above.ground 2016-03-19

**UGRD.10.m.above.ground 2016-03-22**

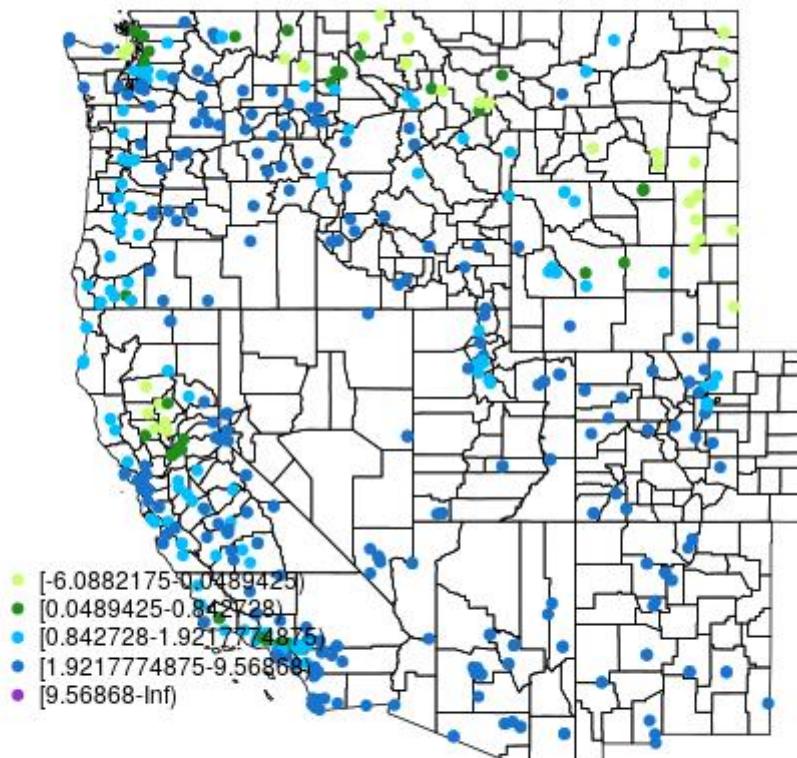


Figure 196: UGRD.10.m.above.ground 2016-03-22

**UGRD.10.m.above.ground 2016-03-24**

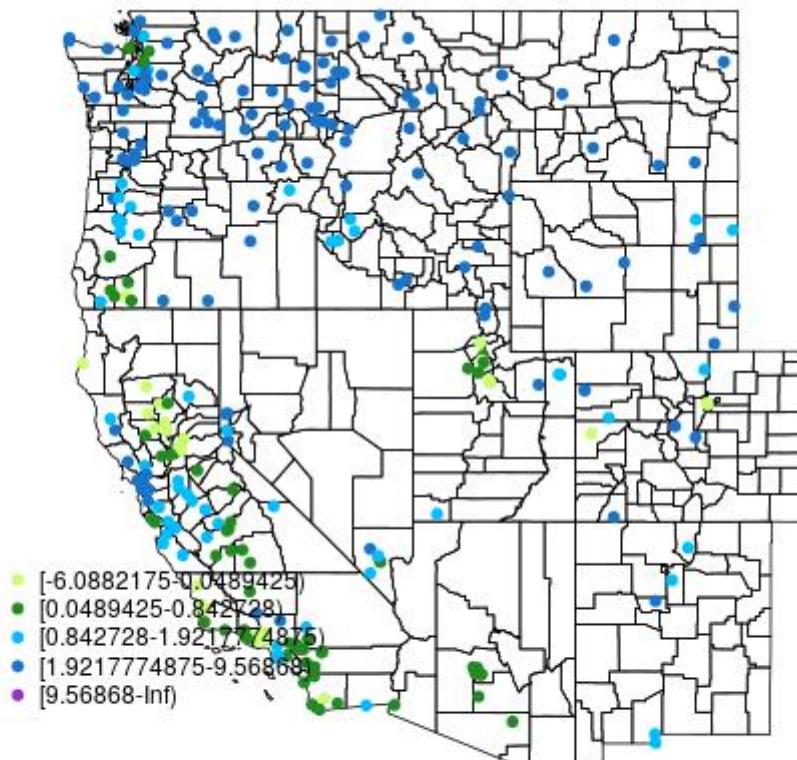


Figure 197: UGRD.10.m.above.ground 2016-03-24

**UGRD.10.m.above.ground 2016-04-01**

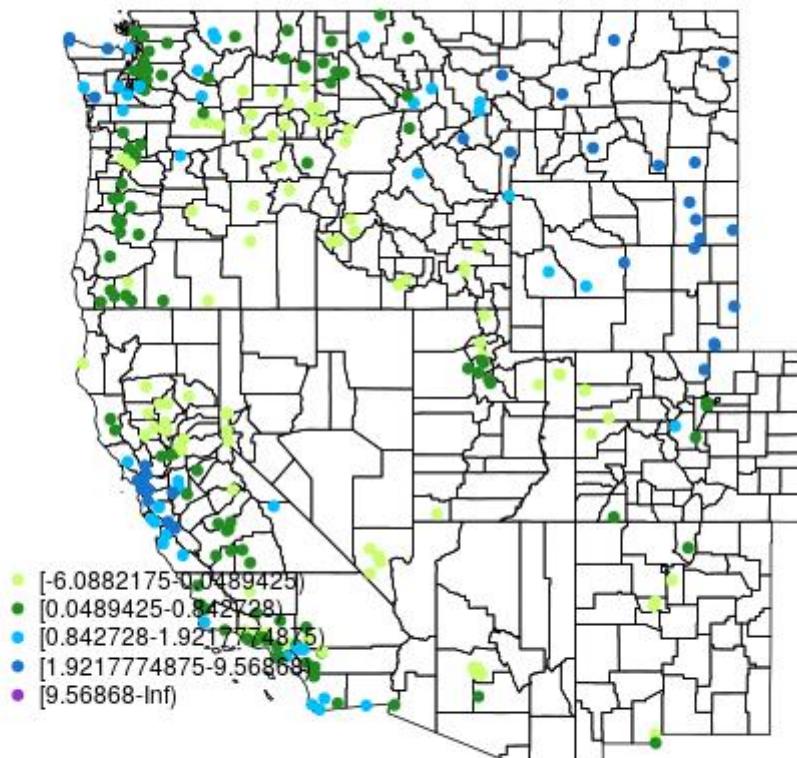


Figure 198: UGRD.10.m.above.ground 2016-04-01

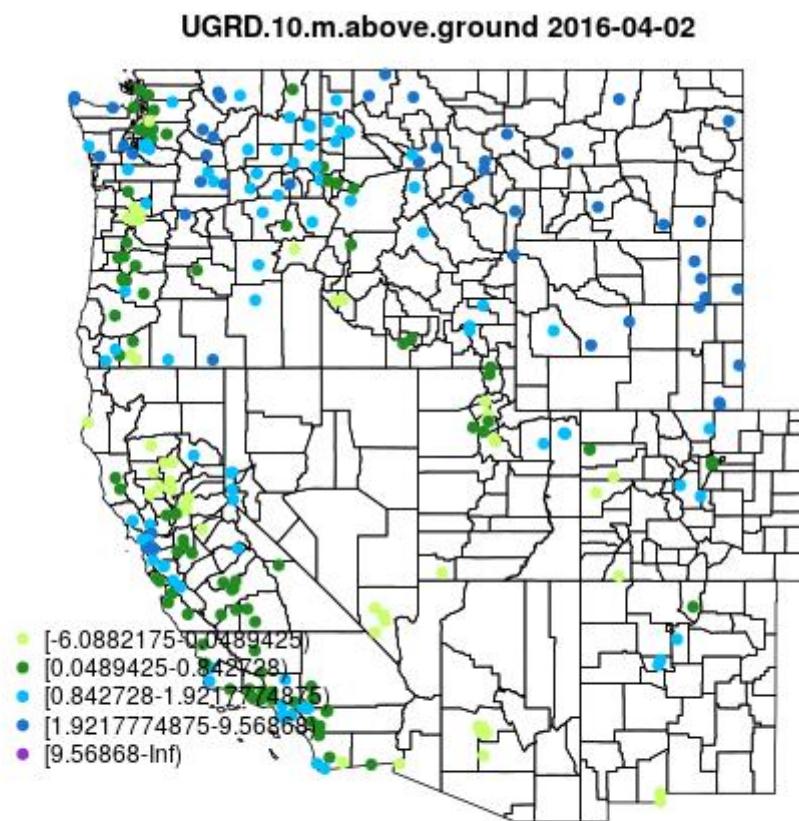


Figure 199: UGRD.10.m.above.ground 2016-04-02

VGRD.10.m.above.ground 2016-03-20

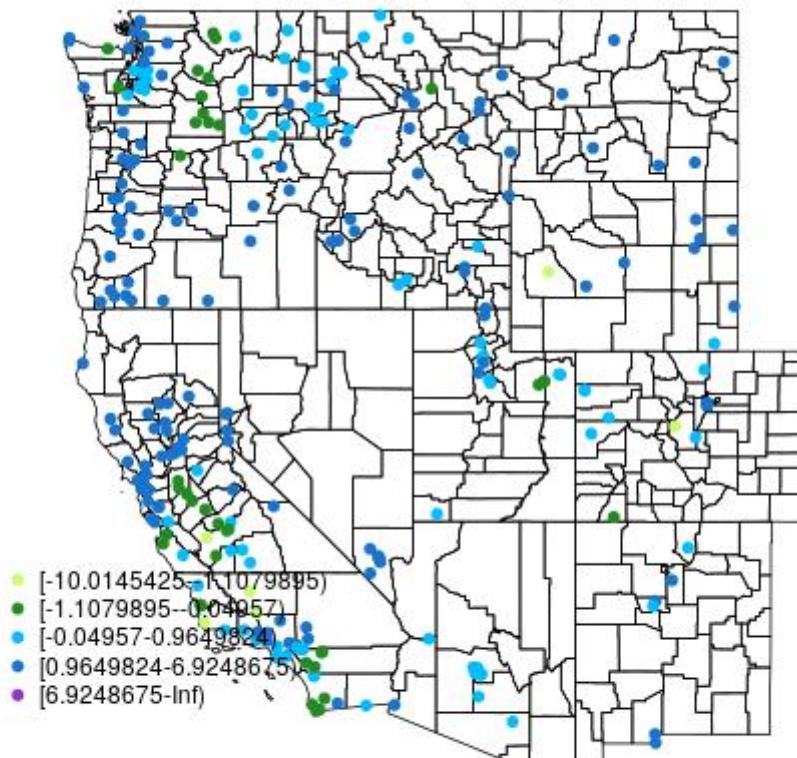


Figure 200: VGRD.10.m.above.ground 2016-03-20

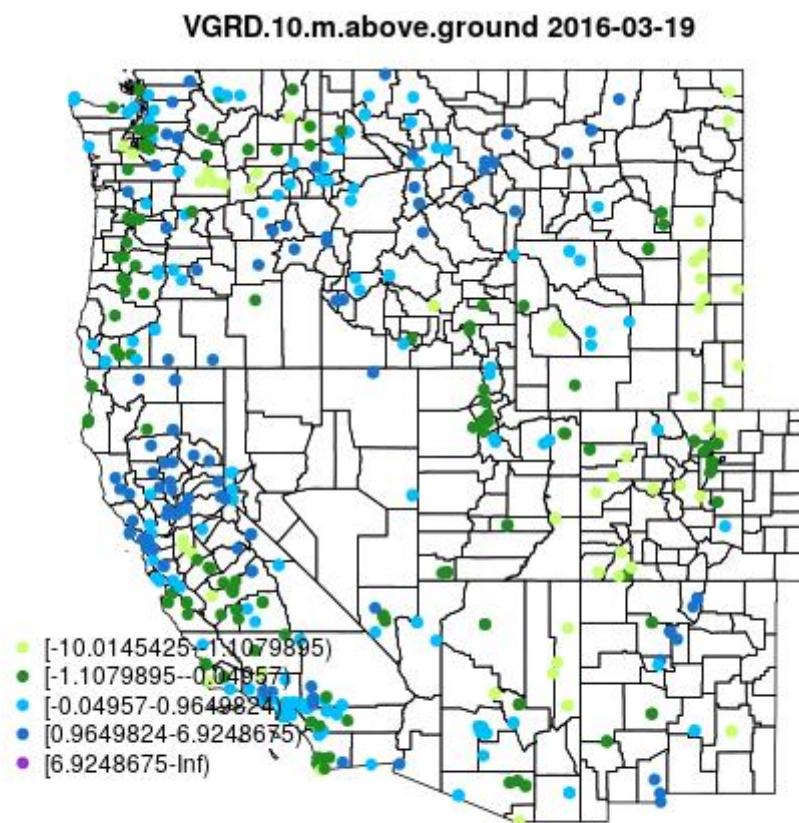


Figure 201: VGRD.10.m.above.ground 2016-03-19

VGRD.10.m.above.ground 2016-03-22

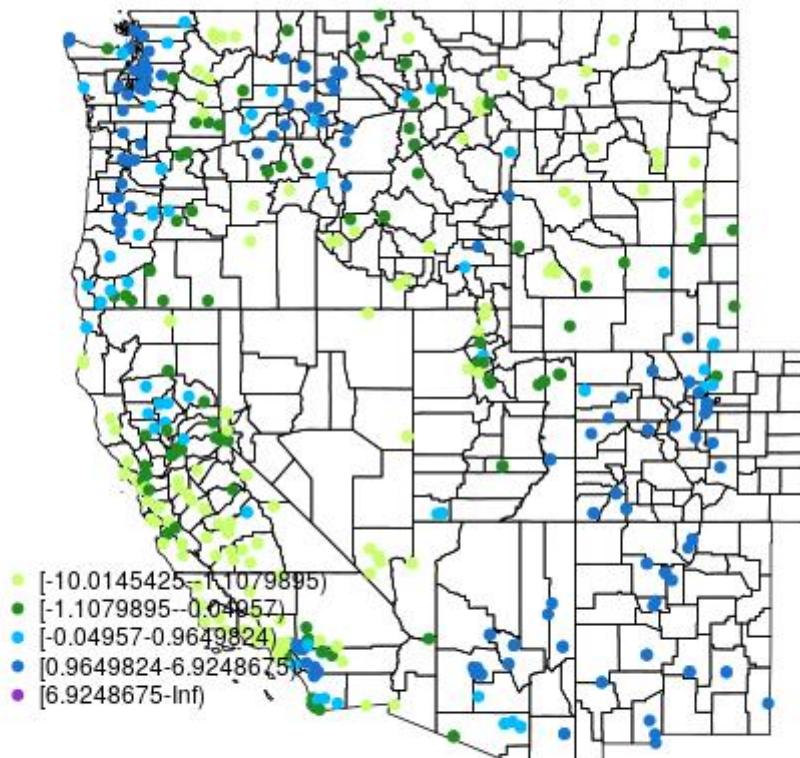


Figure 202: VGRD.10.m.above.ground 2016-03-22

VGRD.10.m.above.ground 2016-03-24

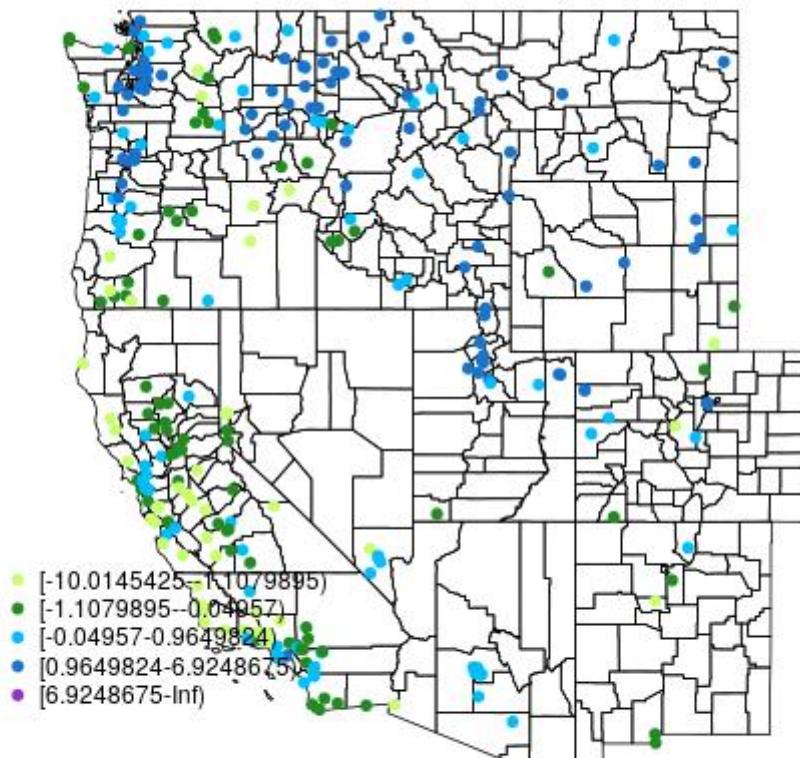


Figure 203: VGRD.10.m.above.ground 2016-03-24

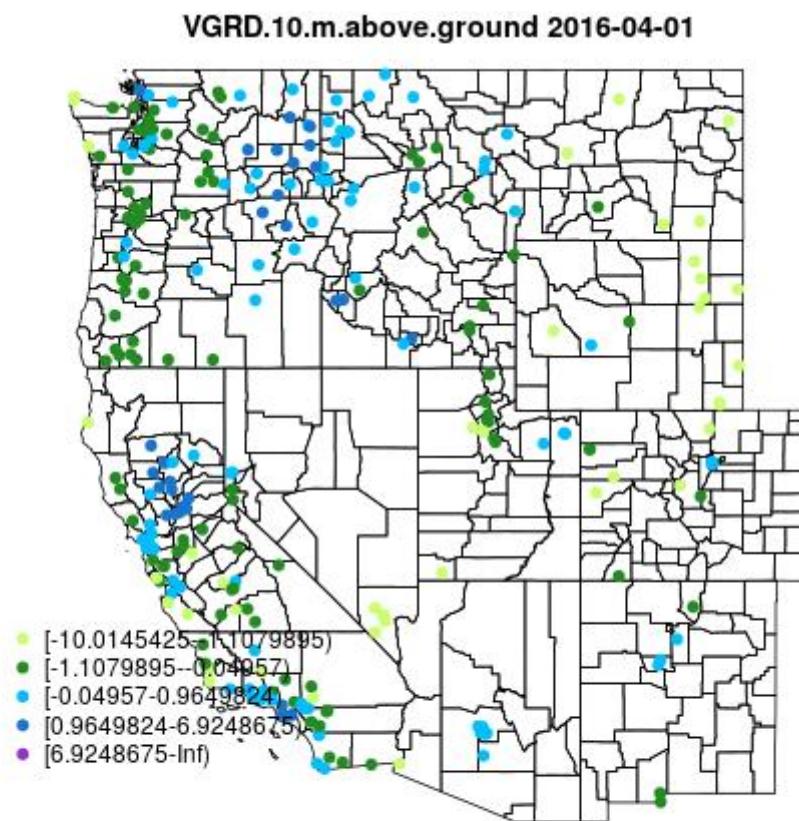


Figure 204: VGRD.10.m.above.ground 2016-04-01

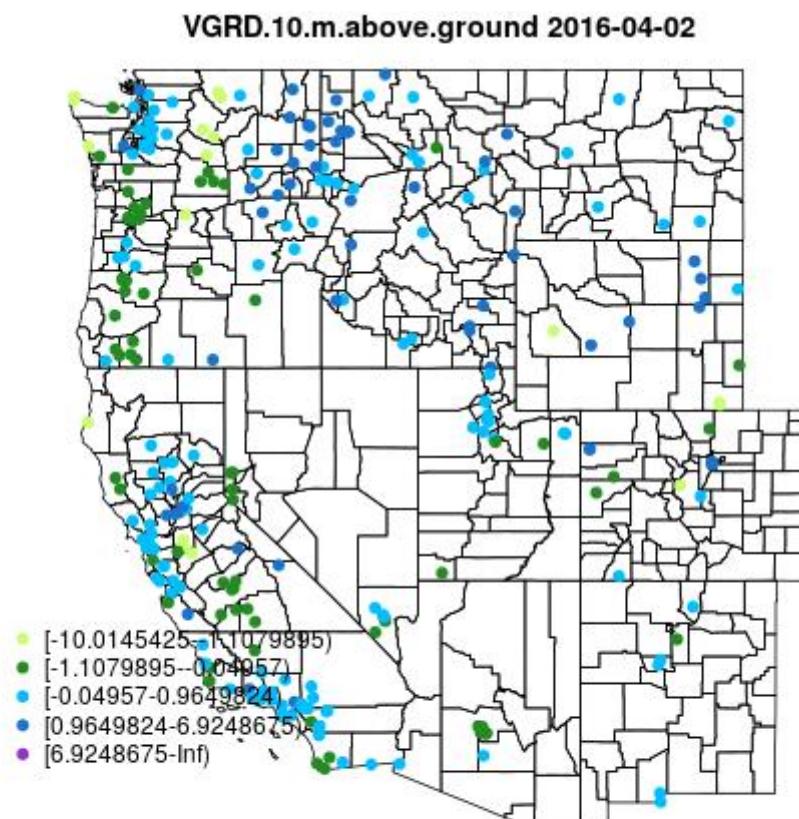


Figure 205: VGRD.10.m.above.ground 2016-04-02

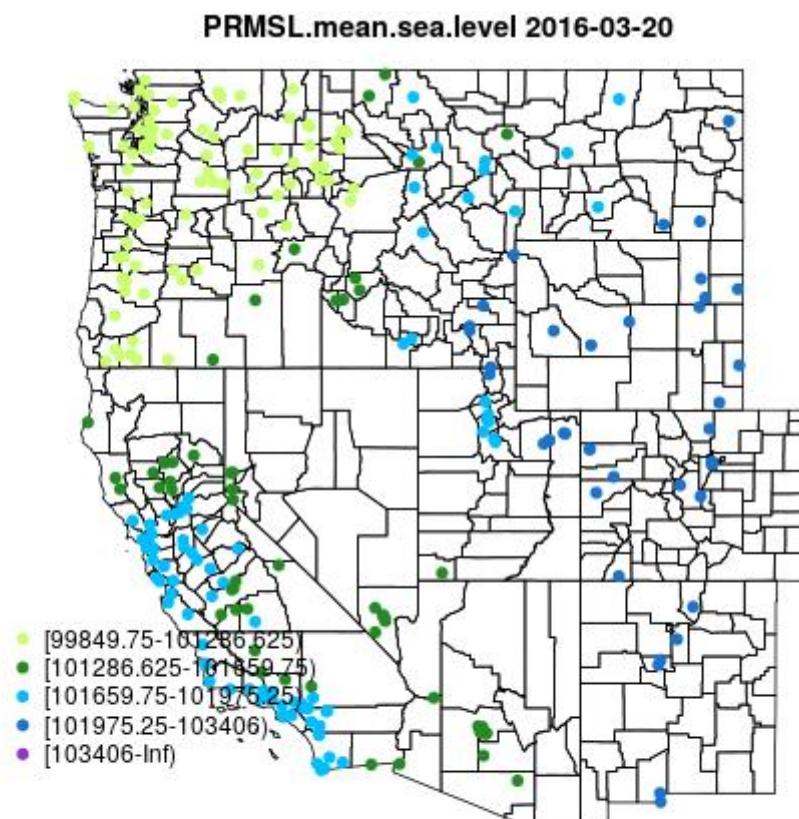


Figure 206: PRMSL.mean.sea.level 2016-03-20

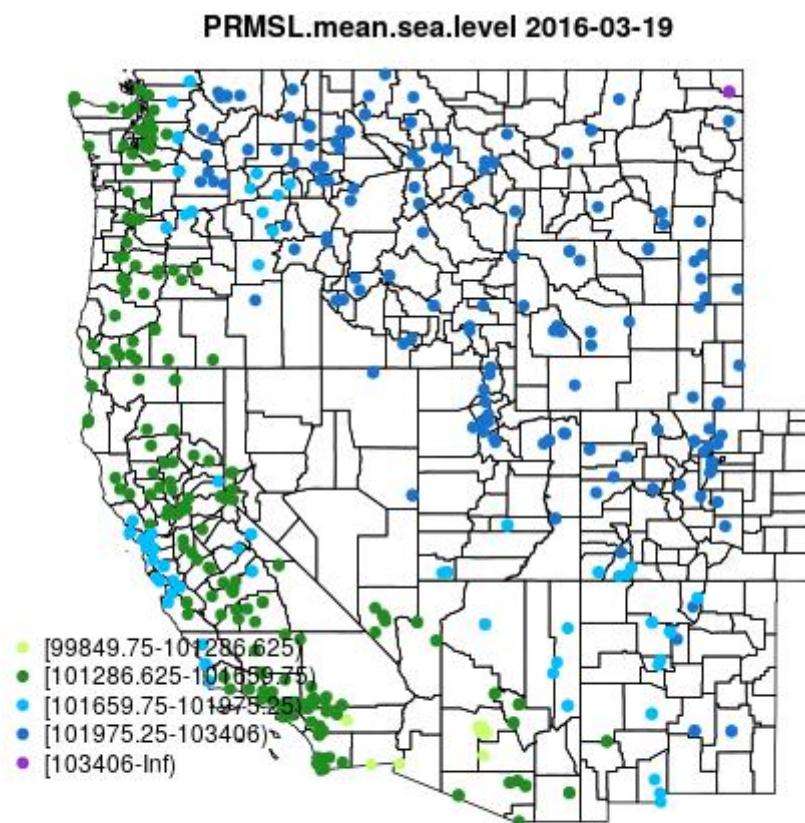


Figure 207: PRMSL.mean.sea.level 2016-03-19

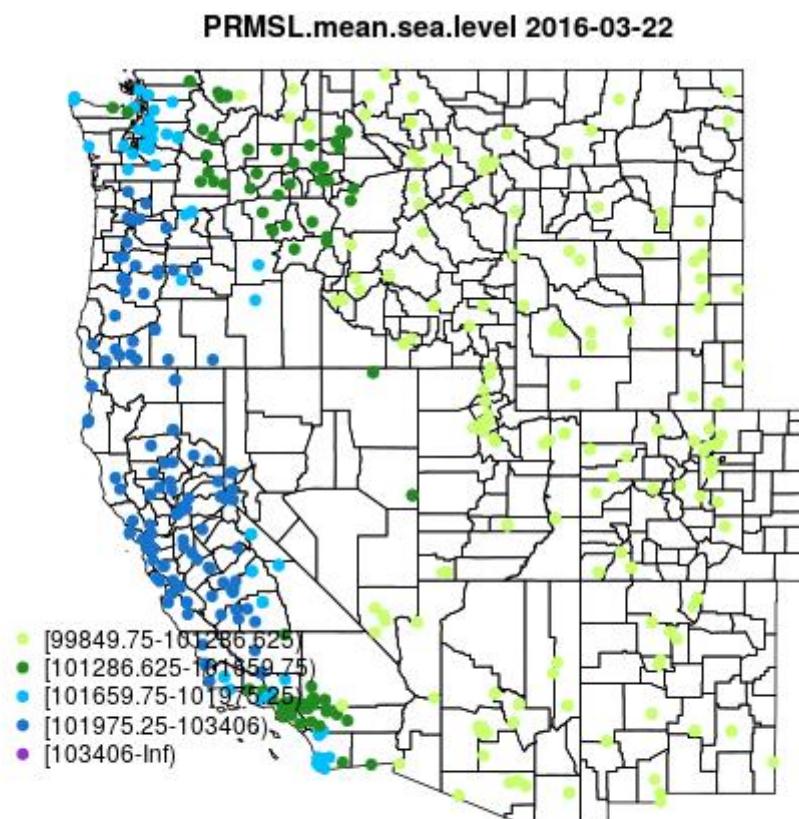


Figure 208: PRMSL.mean.sea.level 2016-03-22

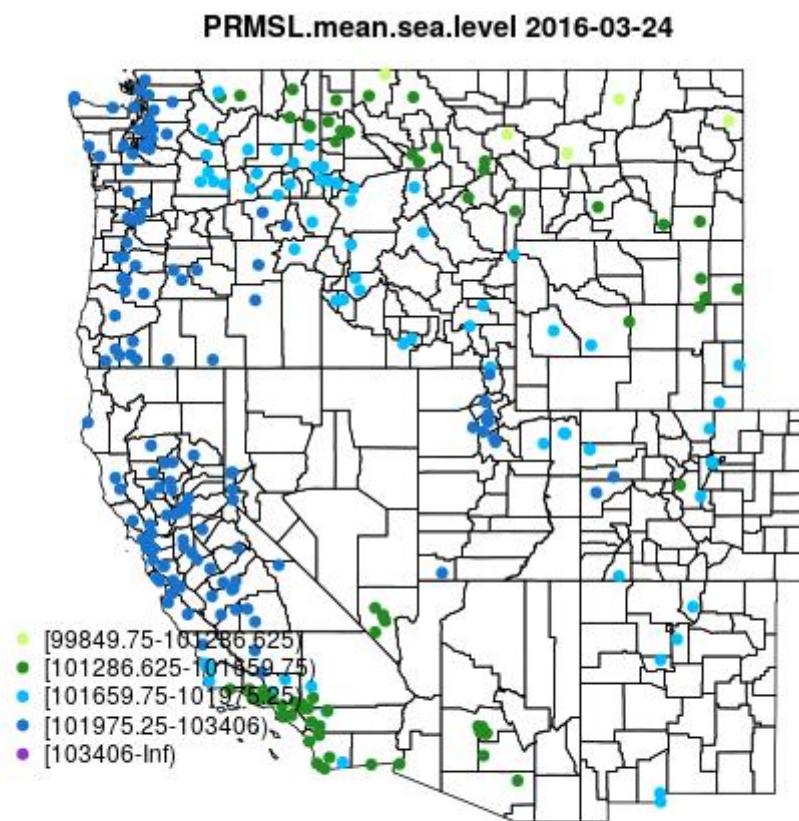


Figure 209: PRMSL.mean.sea.level 2016-03-24

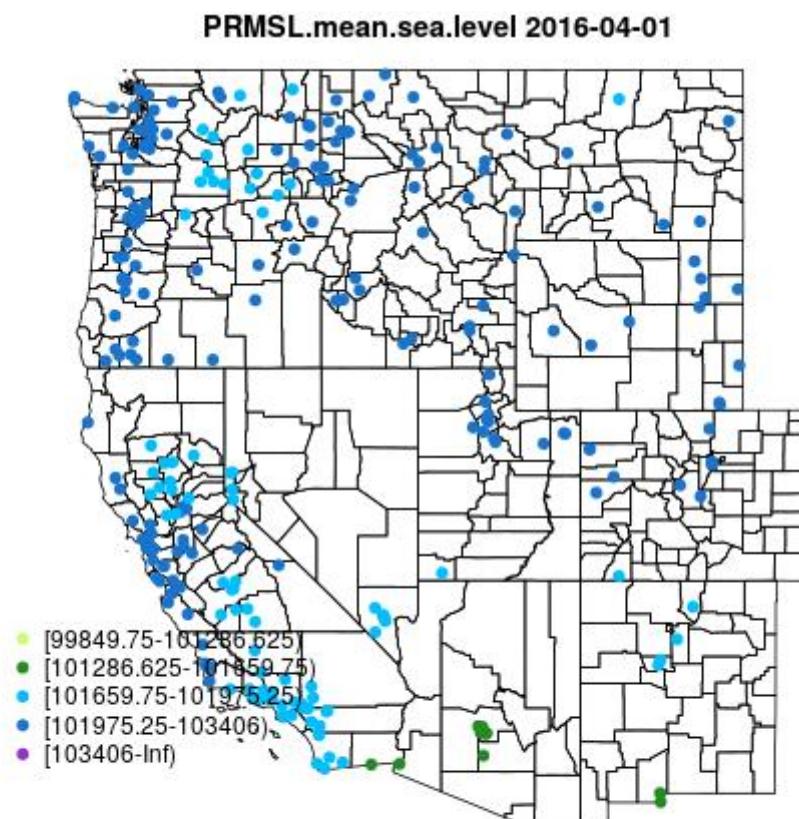


Figure 210: PRMSL.mean.sea.level 2016-04-01

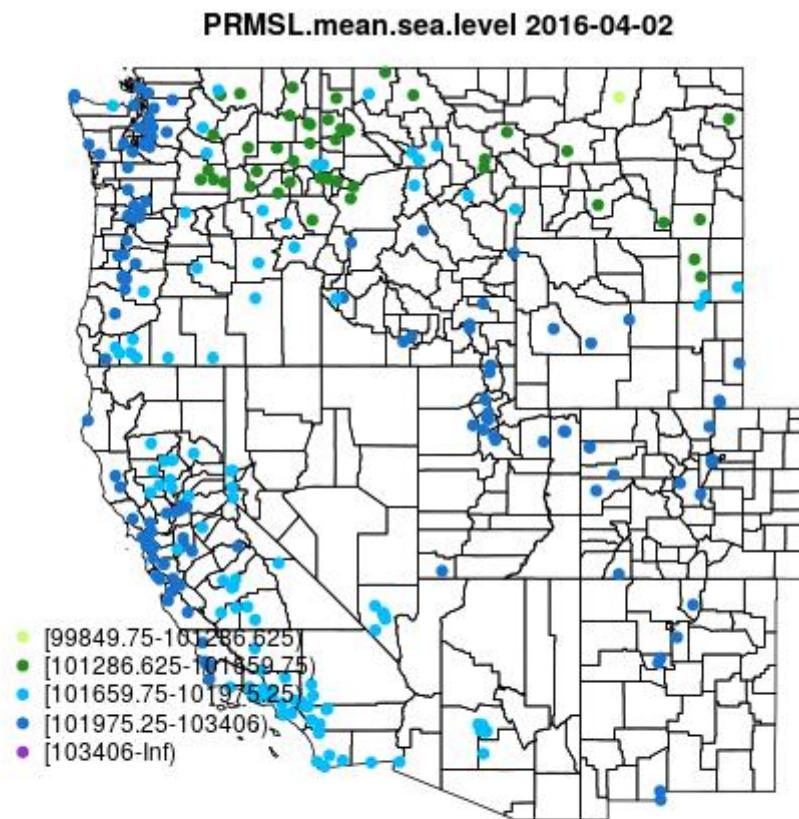


Figure 211: PRMSL.mean.sea.level 2016-04-02

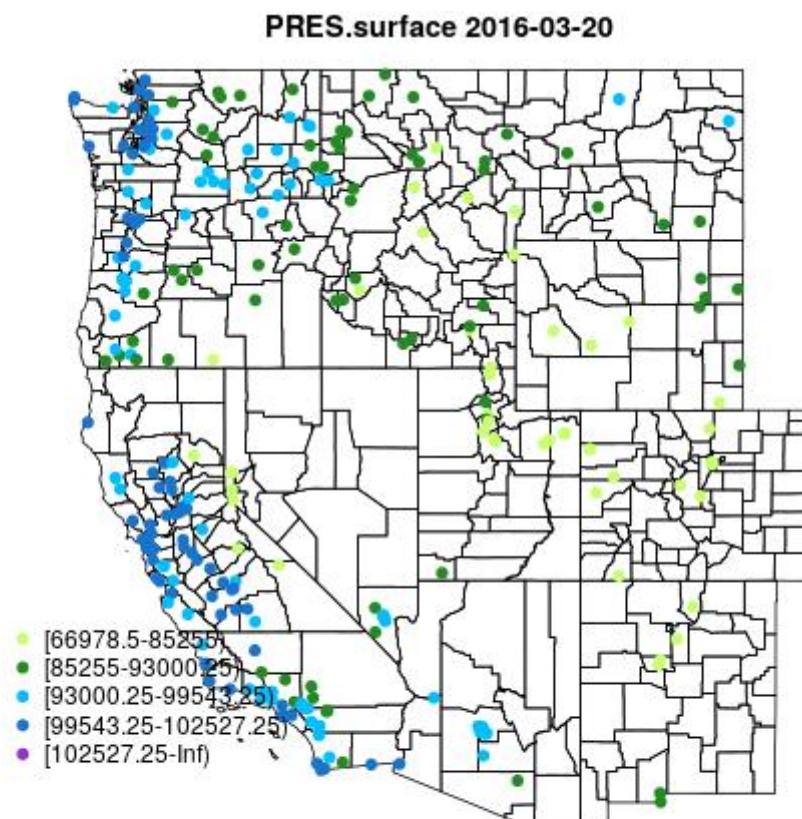


Figure 212: PRES.surface 2016-03-20

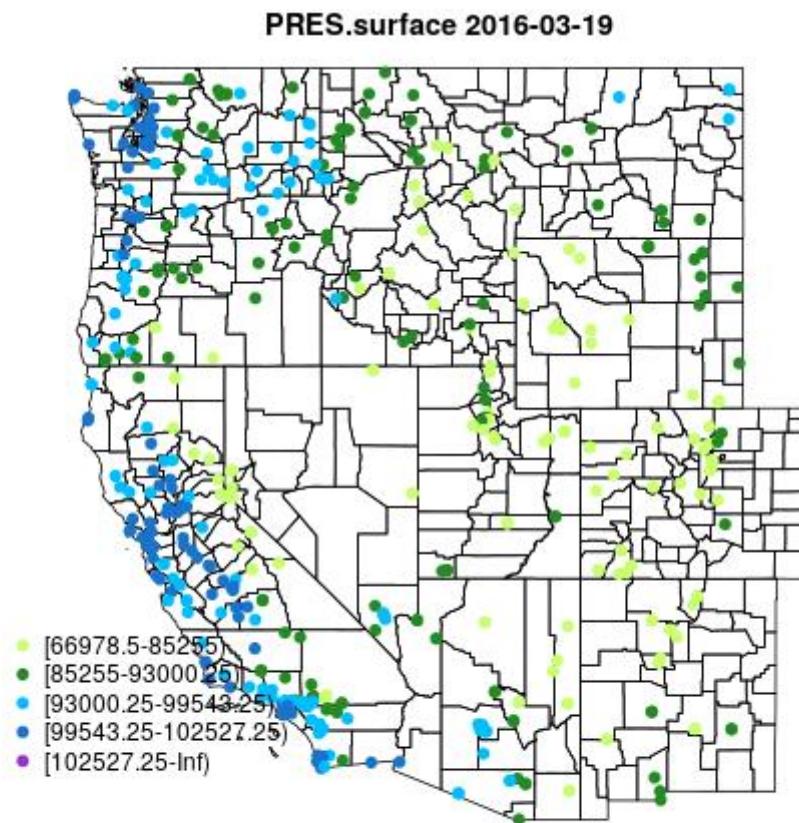


Figure 213: PRES.surface 2016-03-19

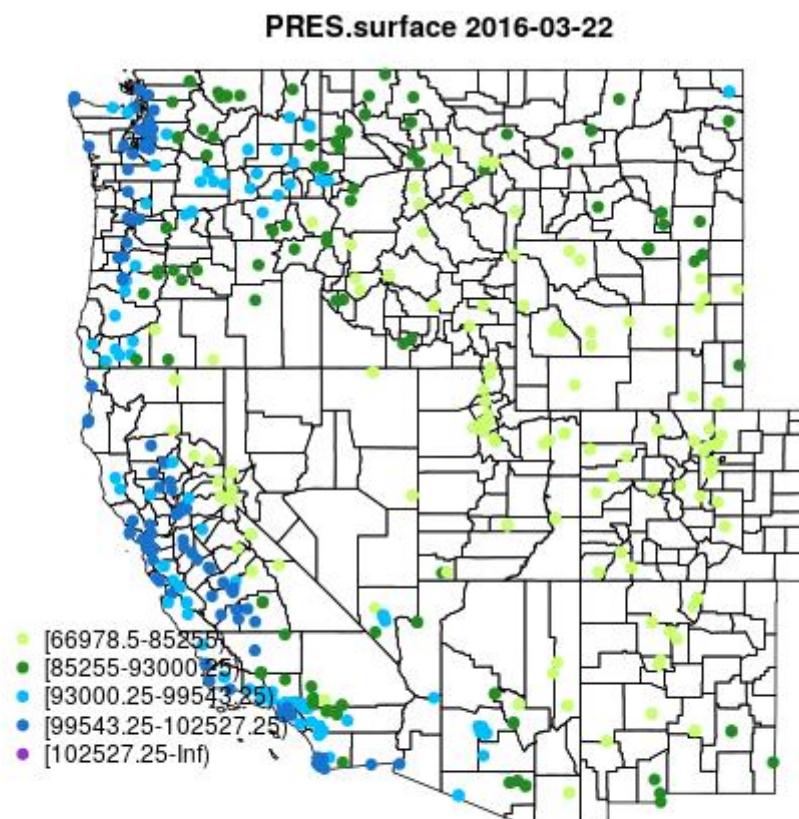


Figure 214: PRES.surface 2016-03-22

PRES.surface 2016-03-24

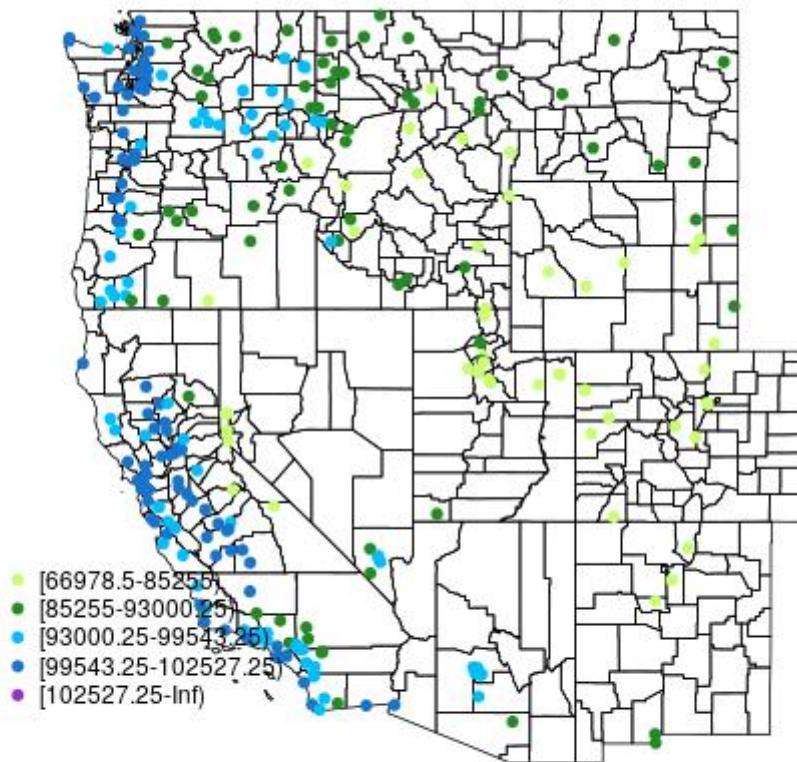


Figure 215: PRES.surface 2016-03-24

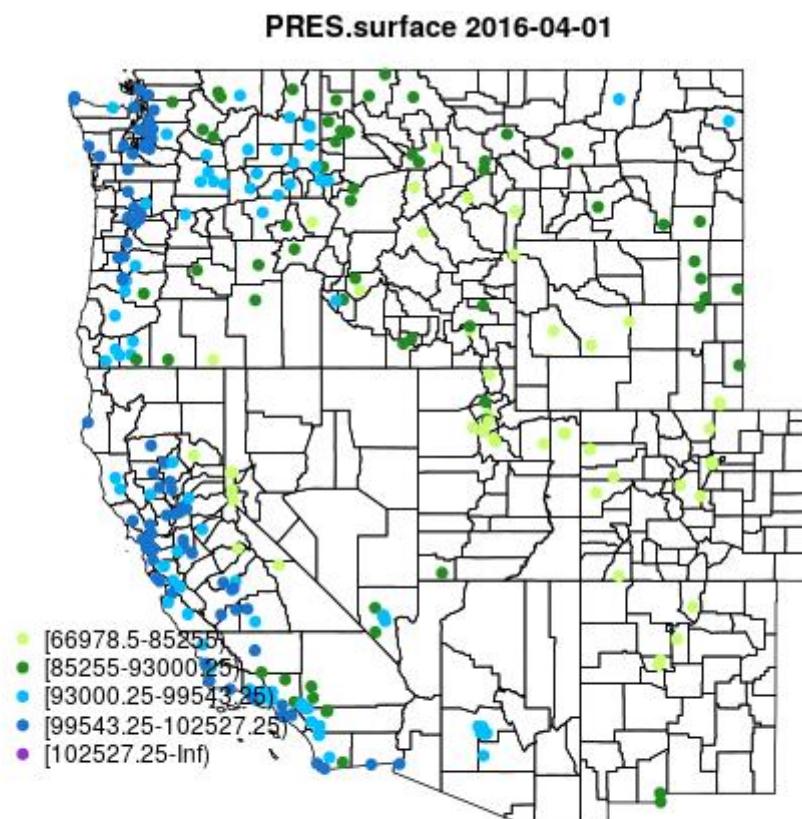


Figure 216: PRES.surface 2016-04-01

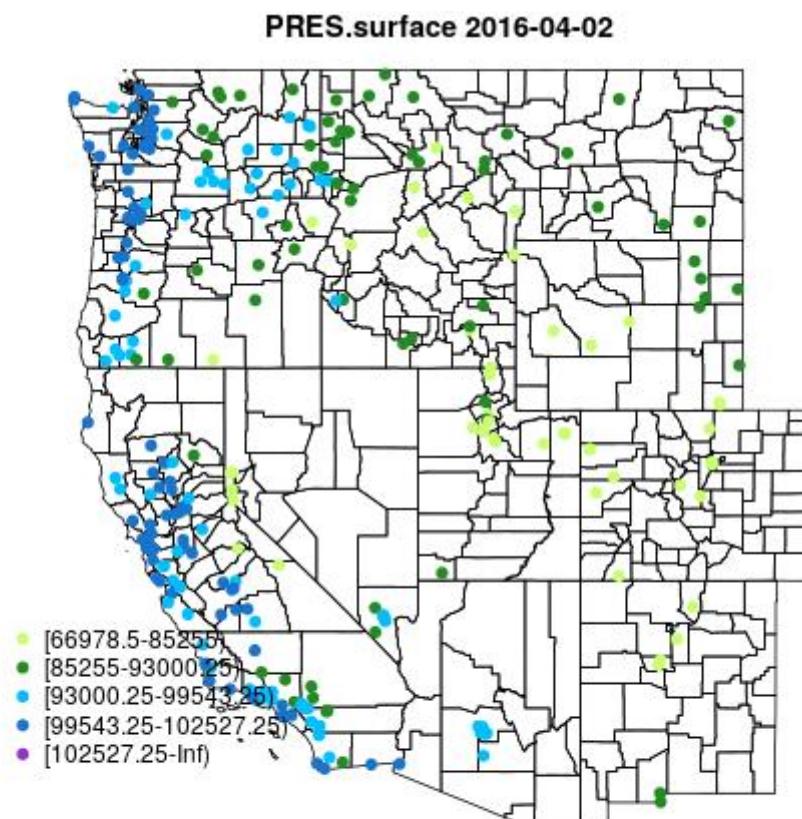


Figure 217: PRES.surface 2016-04-02

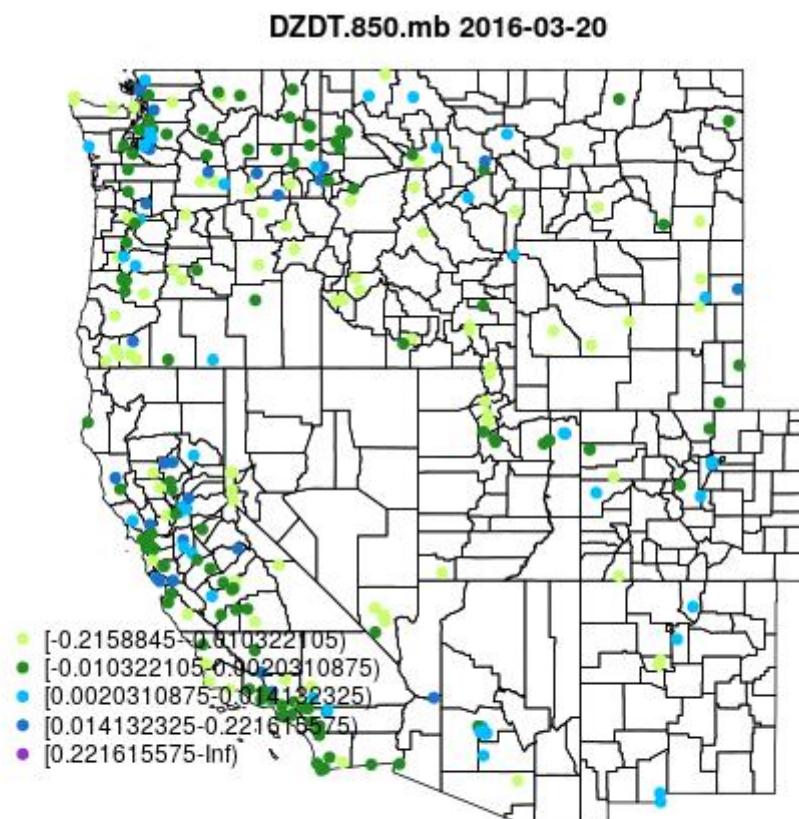


Figure 218: DZDT.850(mb) 2016-03-20

**DZDT.850(mb) 2016-03-19**

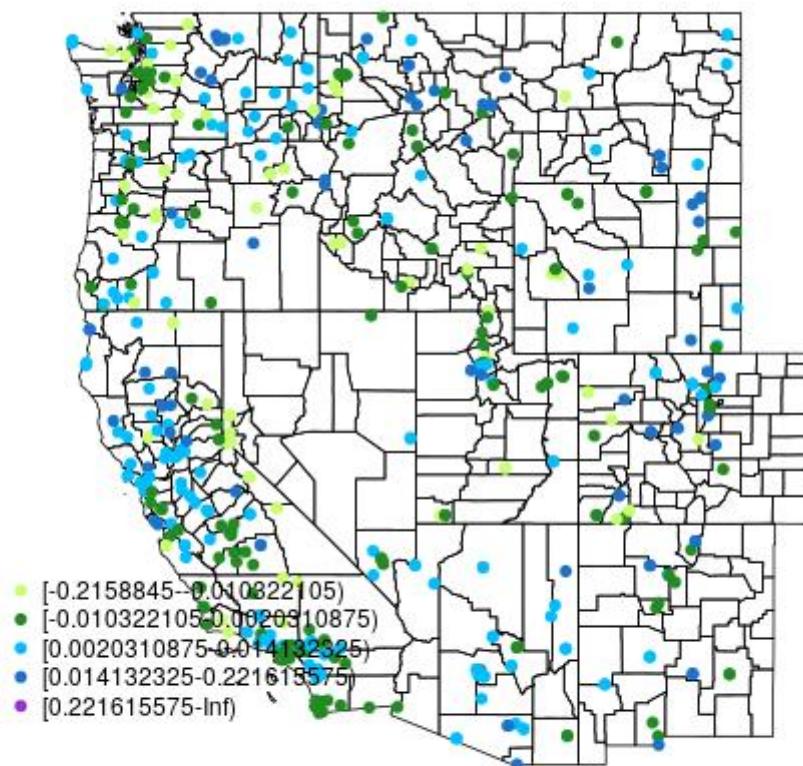


Figure 219: DZDT.850(mb) 2016-03-19

**DZDT.850(mb) 2016-03-22**

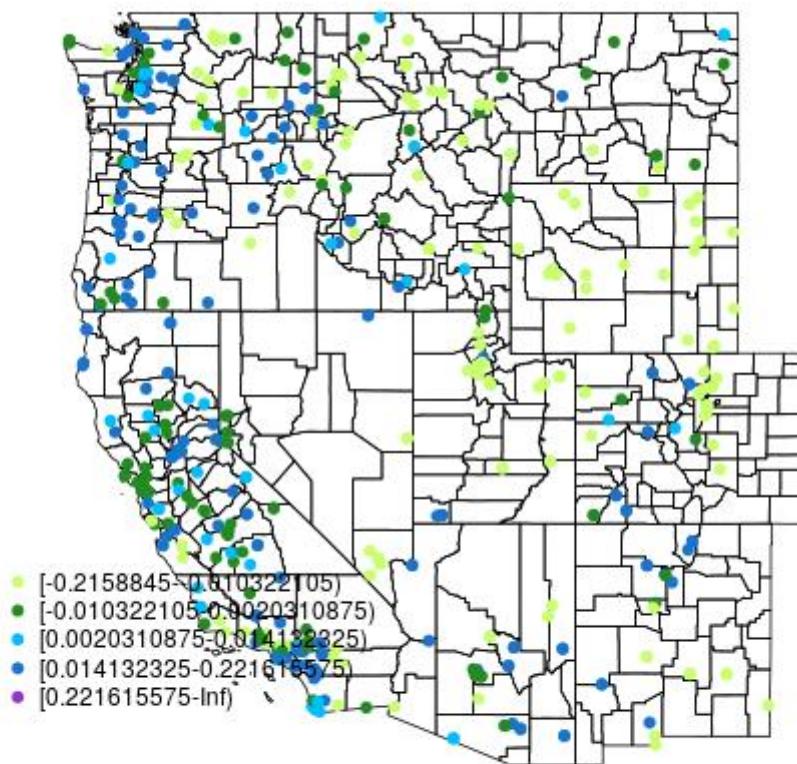


Figure 220: DZDT.850(mb) 2016-03-22

DZDT.850(mb) 2016-03-24

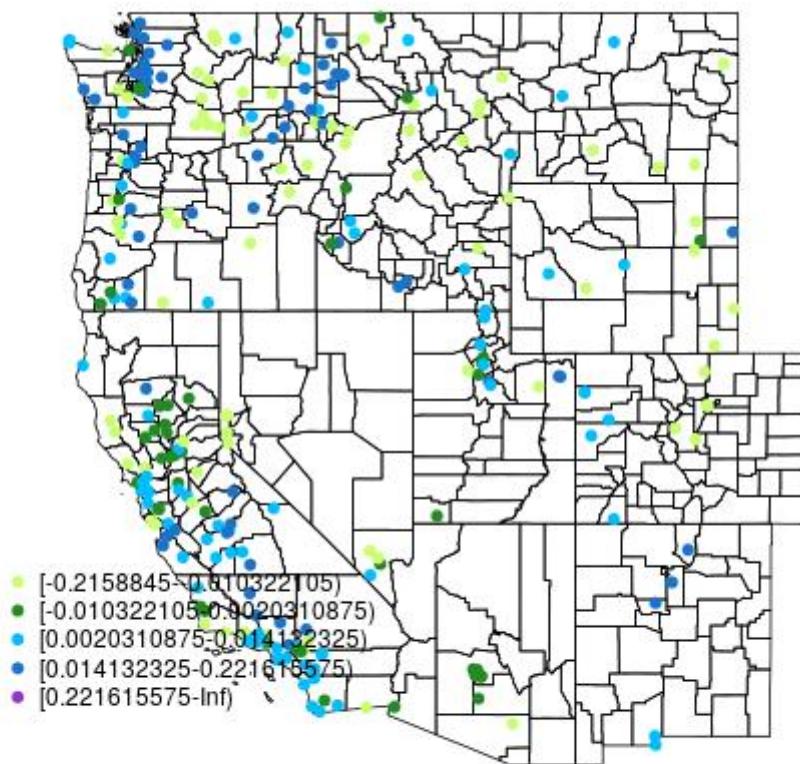


Figure 221: DZDT.850(mb) 2016-03-24

**DZDT.850.mb 2016-04-01**

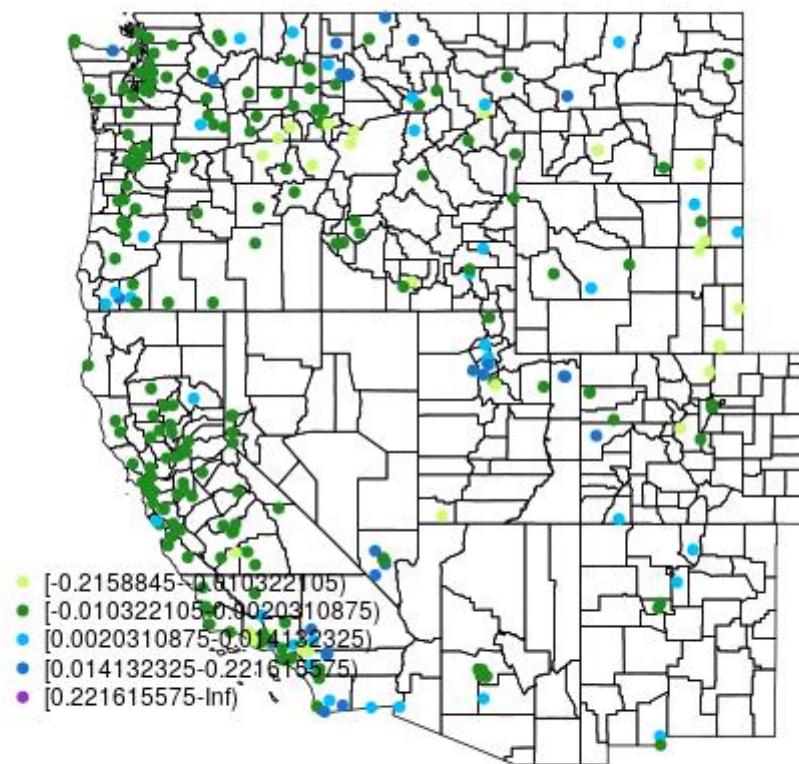


Figure 222: DZDT.850(mb) 2016-04-01

DZDT.850(mb) 2016-04-02

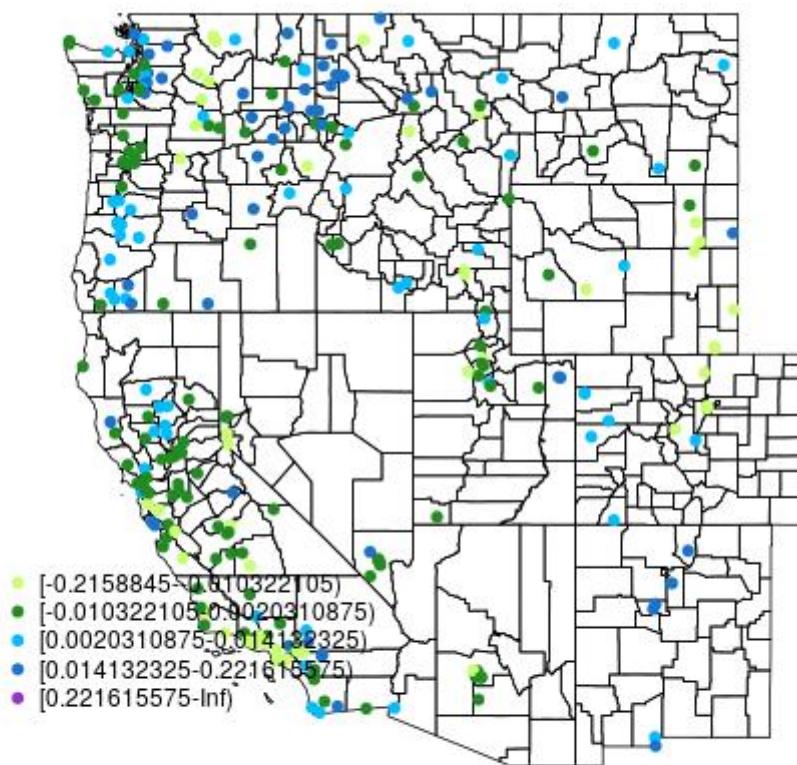


Figure 223: DZDT.850(mb) 2016-04-02

#### 0.4 ML Inputs (with NAs) Map monthly medians Images

**DZDT.700(mb) 2016-03-20**

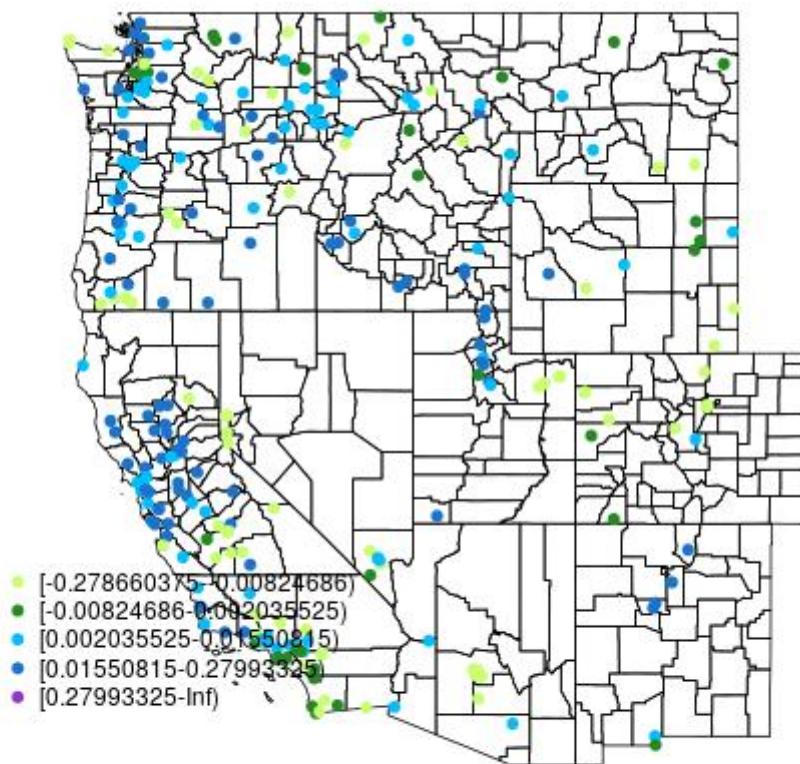


Figure 224: DZDT.700(mb) 2016-03-20

**DZDT.700.mb 2016-03-19**

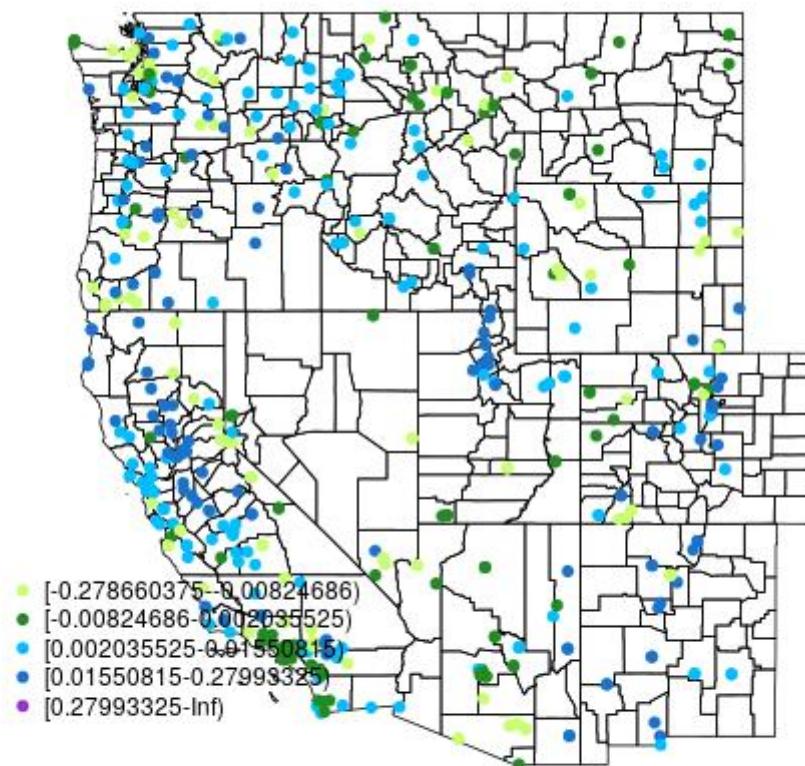


Figure 225: DZDT.700.mb 2016-03-19

DZDT.700.mb 2016-03-22

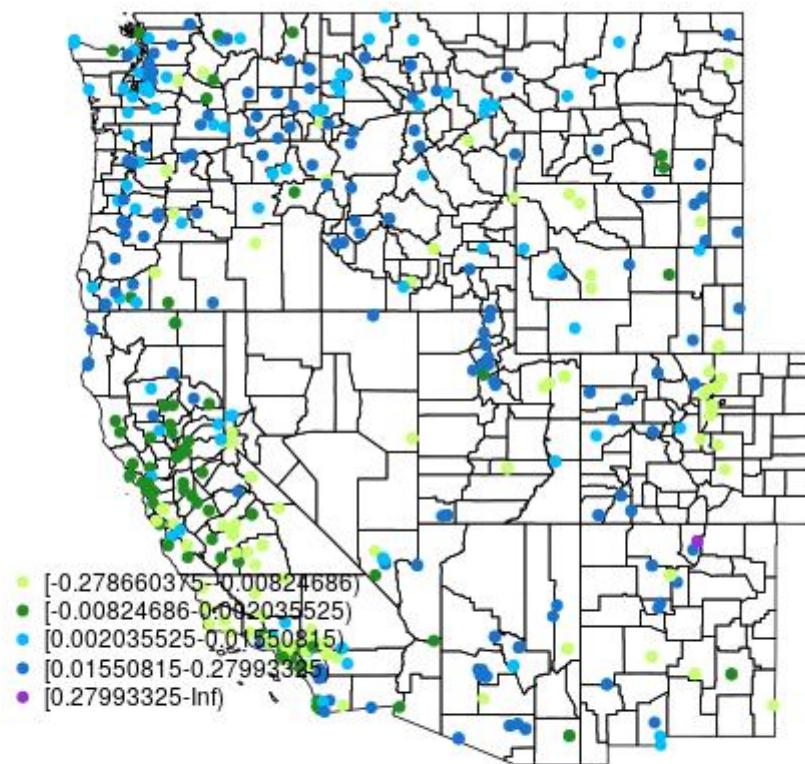


Figure 226: DZDT.700(mb) 2016-03-22

DZDT.700.mb 2016-03-24

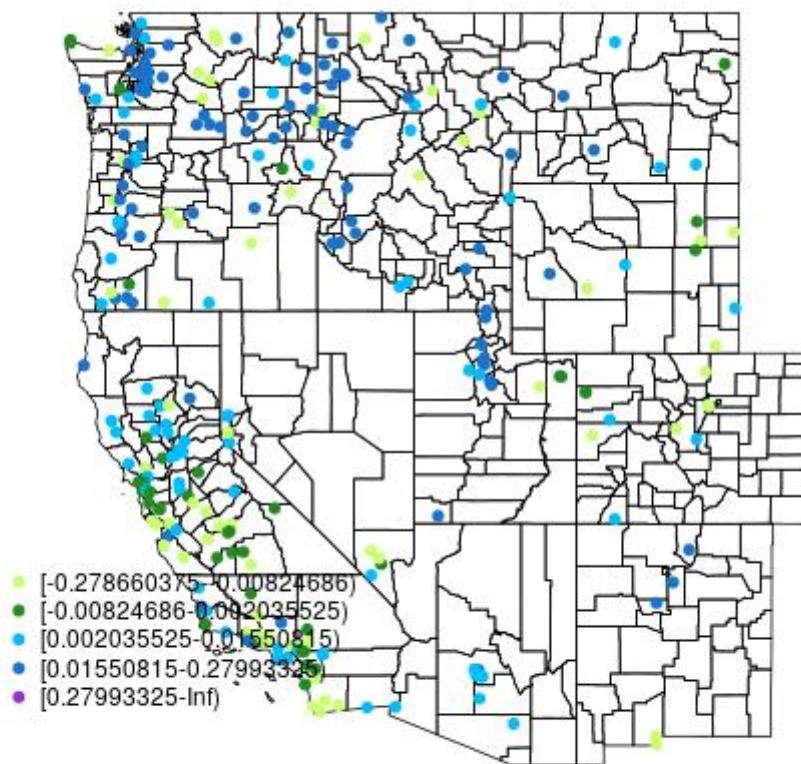


Figure 227: DZDT.700(mb) 2016-03-24

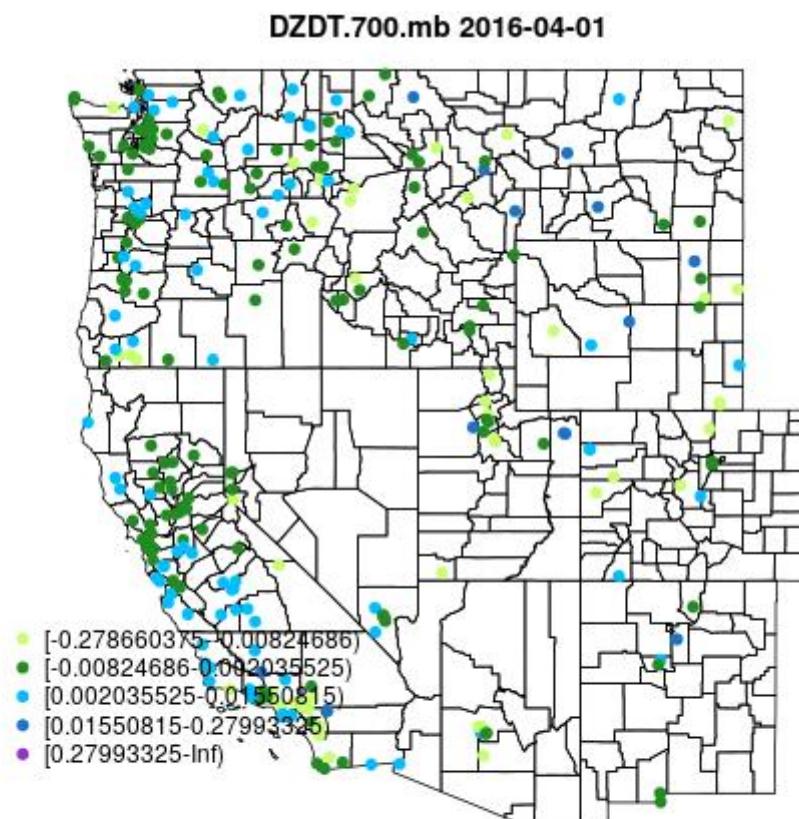


Figure 228: DZDT.700.mb 2016-04-01

**DZDT.700.mb 2016-04-02**

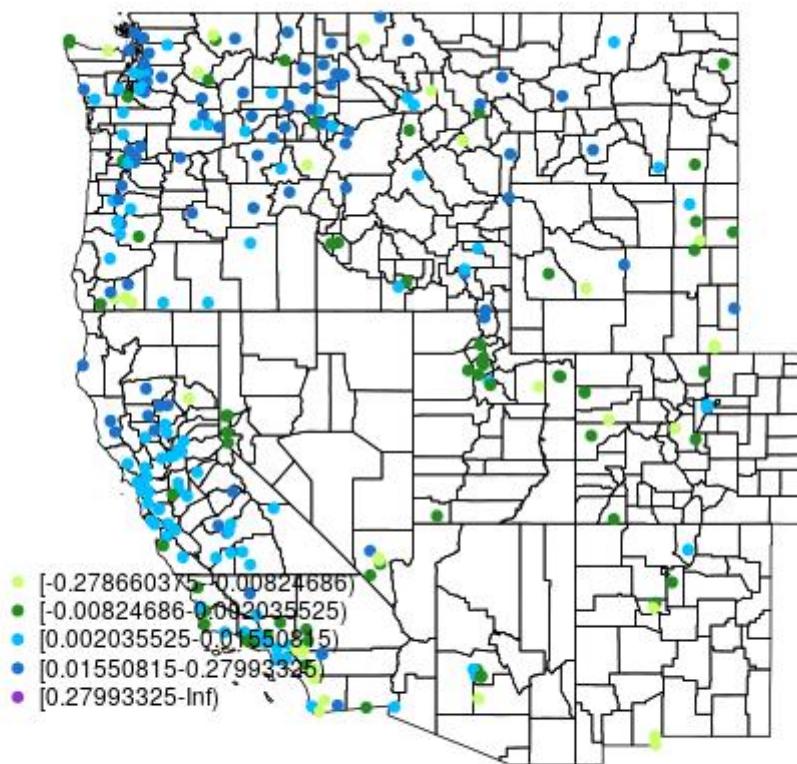


Figure 229: DZDT.700(mb) 2016-04-02

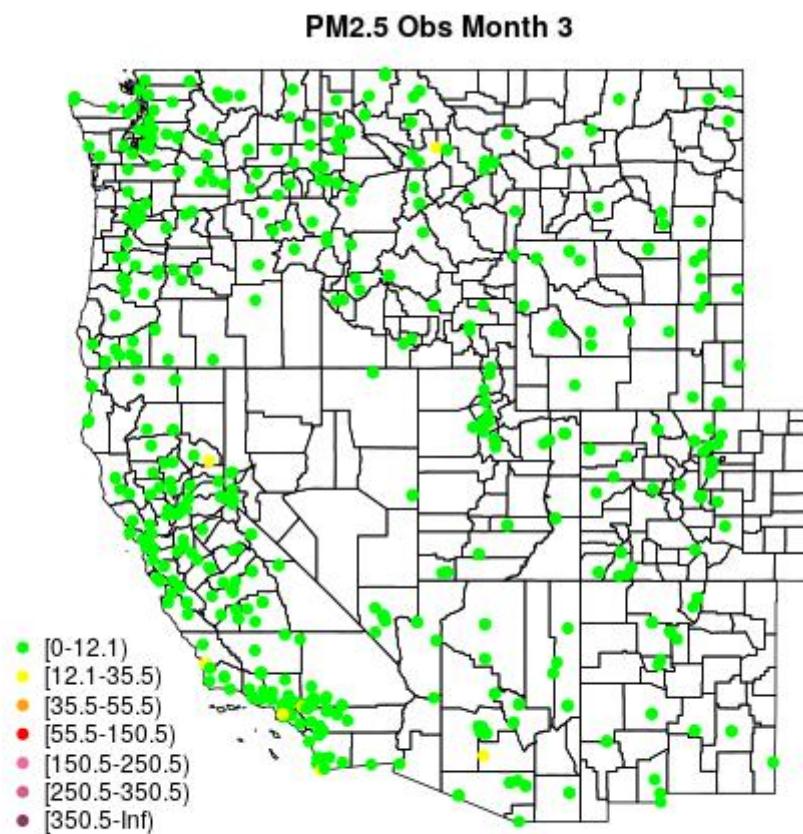


Figure 230: PM2.5 Obs Month 3

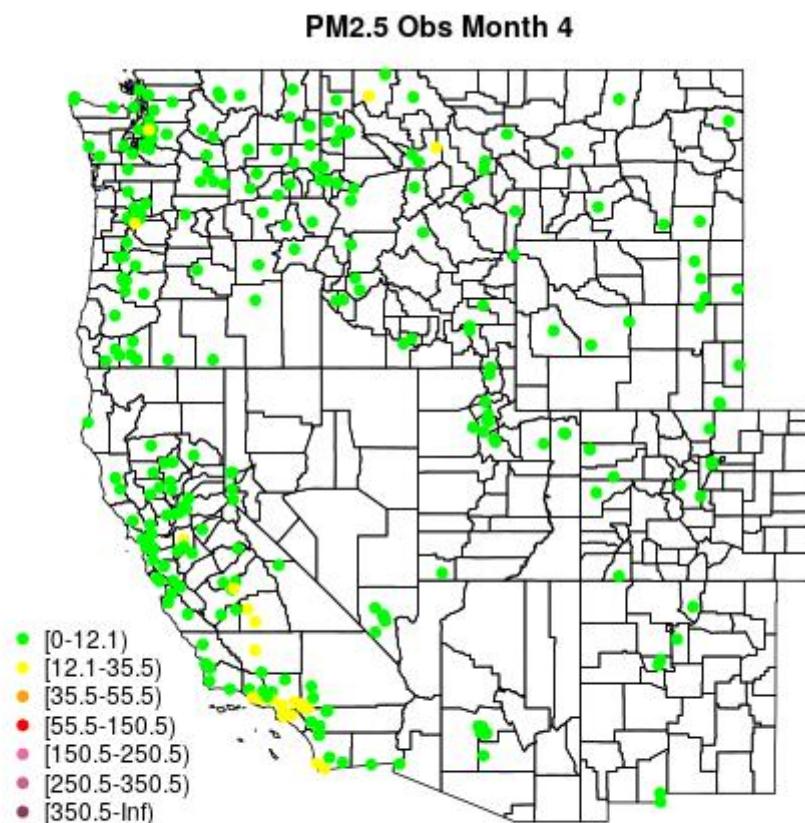


Figure 231: PM2.5 Obs Month 4

### GASP AOD Month 3

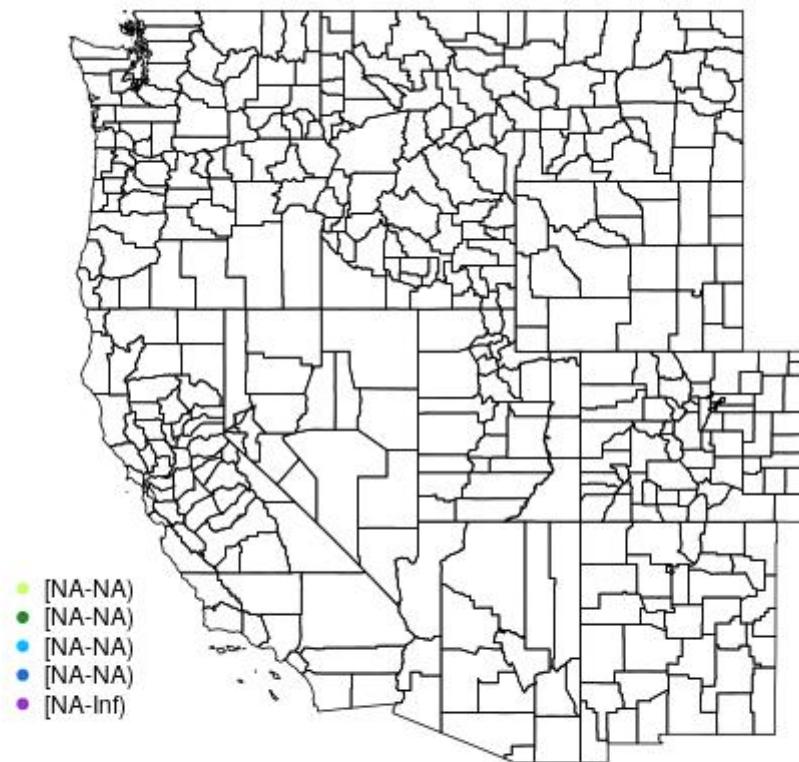


Figure 232: GASP AOD Month 3

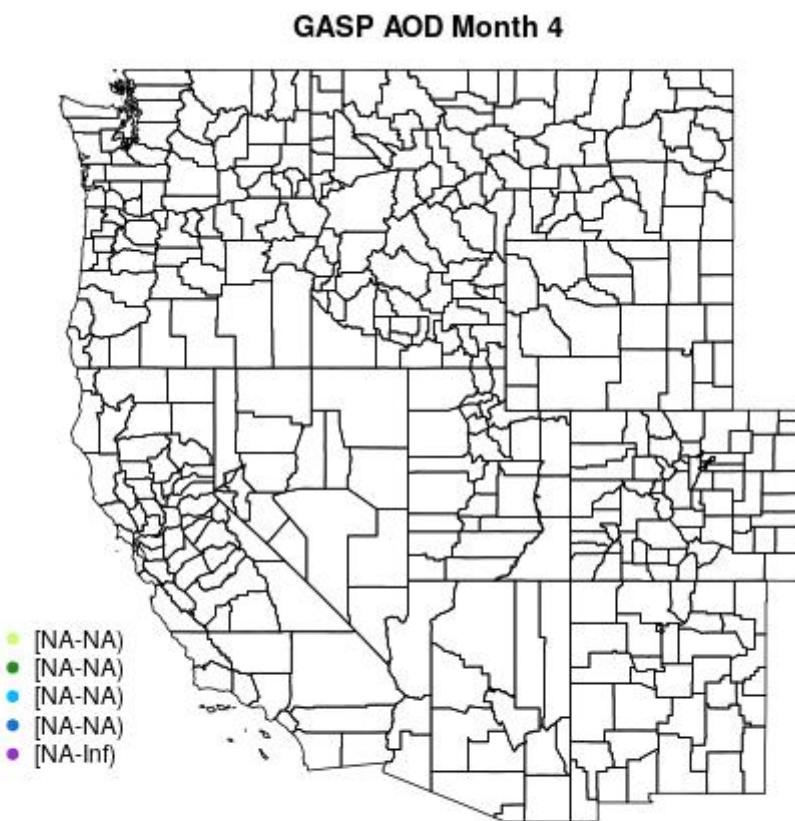


Figure 233: GASP AOD Month 4

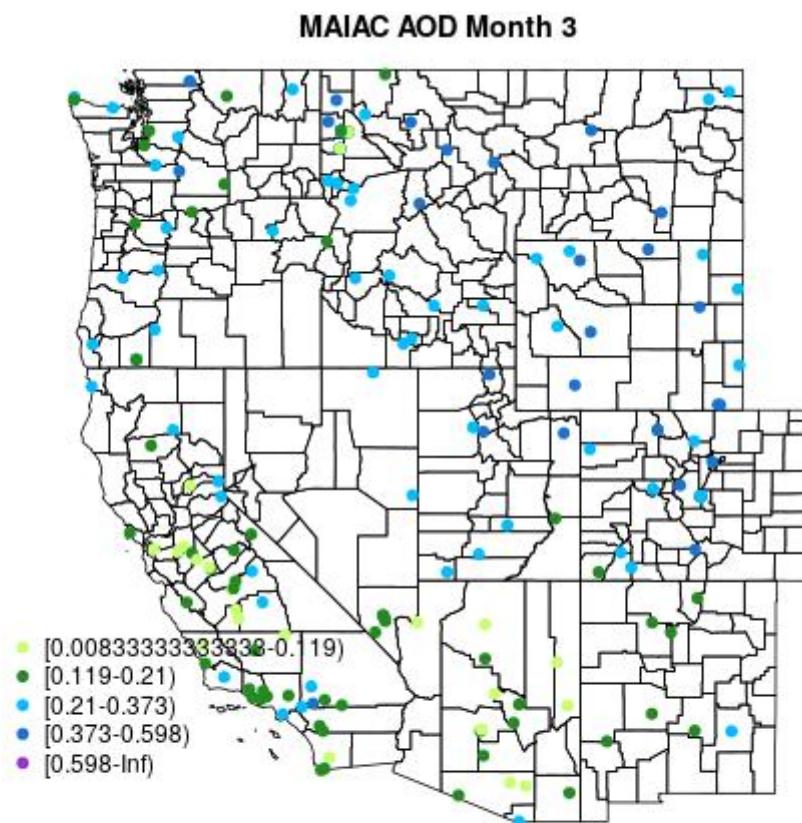


Figure 234: MAIAC AOD Month 3

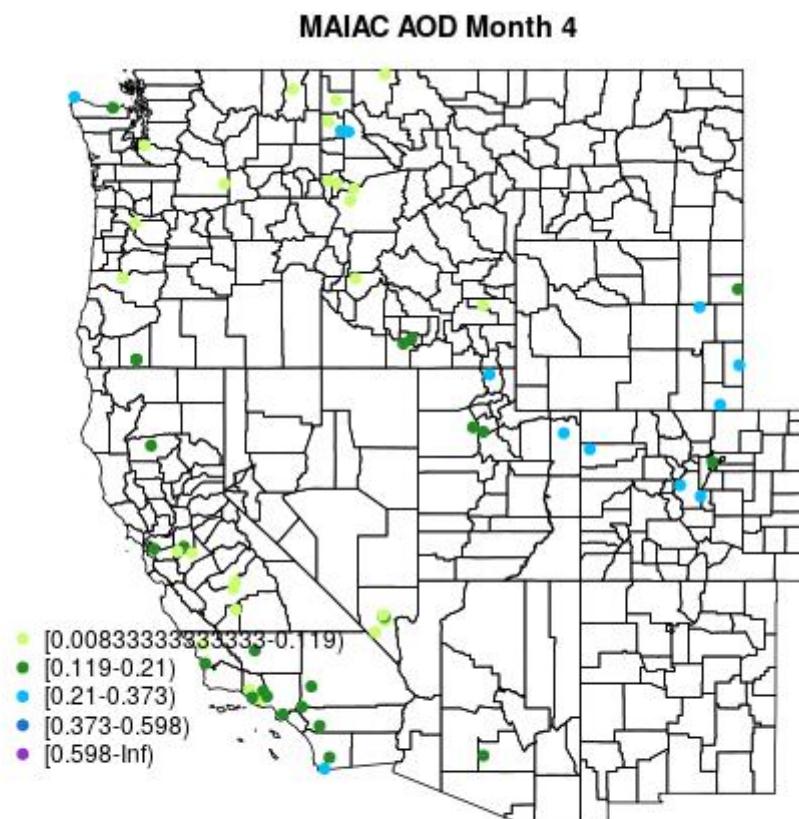


Figure 235: MAIAC AOD Month 4

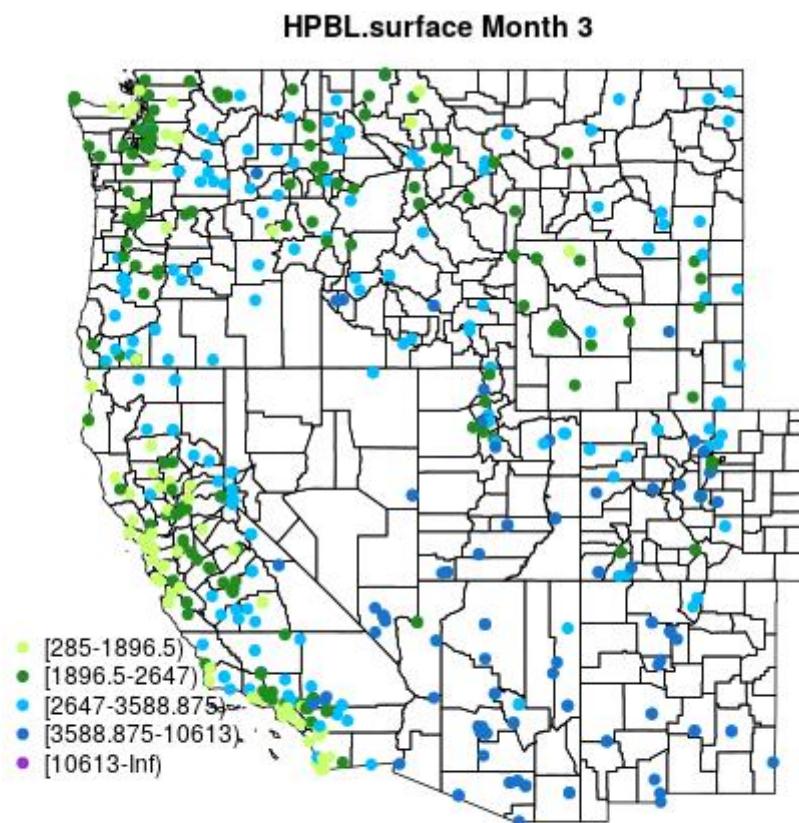


Figure 236: HPBL.surface Month 3

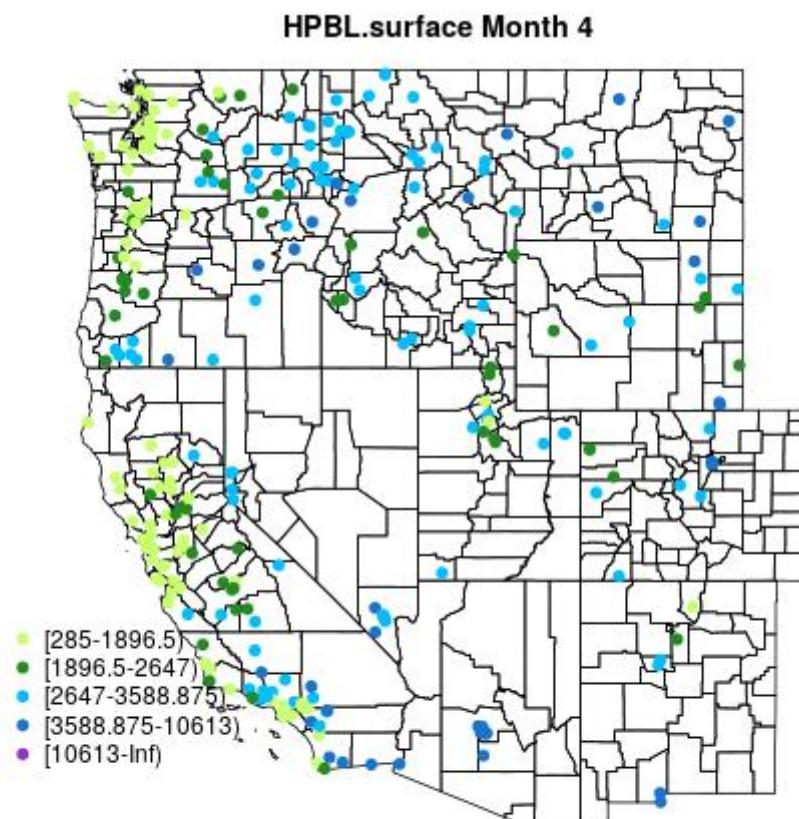


Figure 237: HPBL.surface Month 4

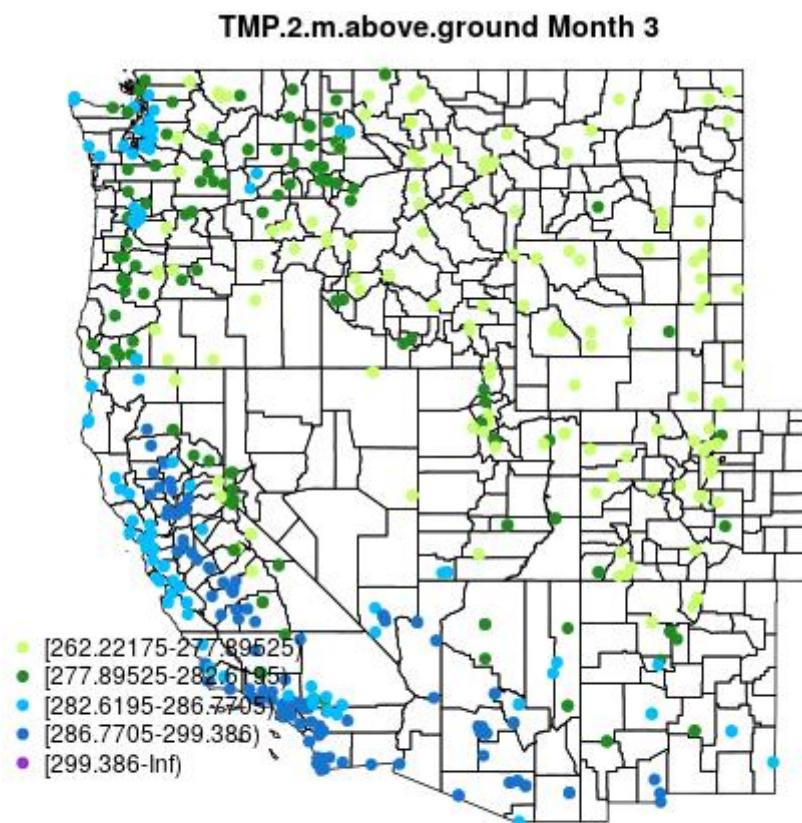


Figure 238: TMP.2.m.above.ground Month 3

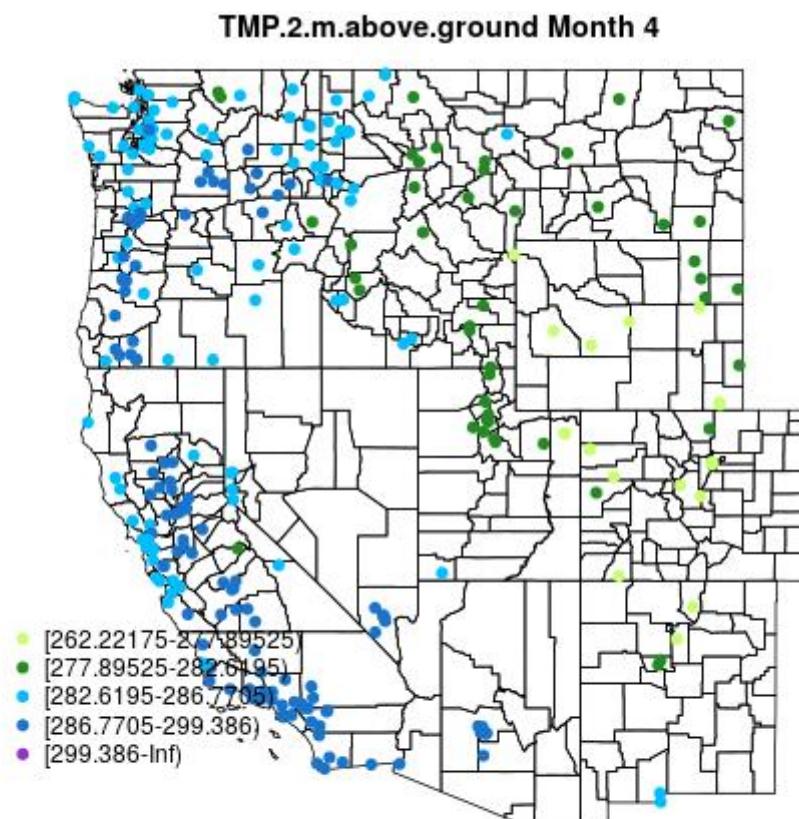


Figure 239: TMP.2.m.above.ground Month 4

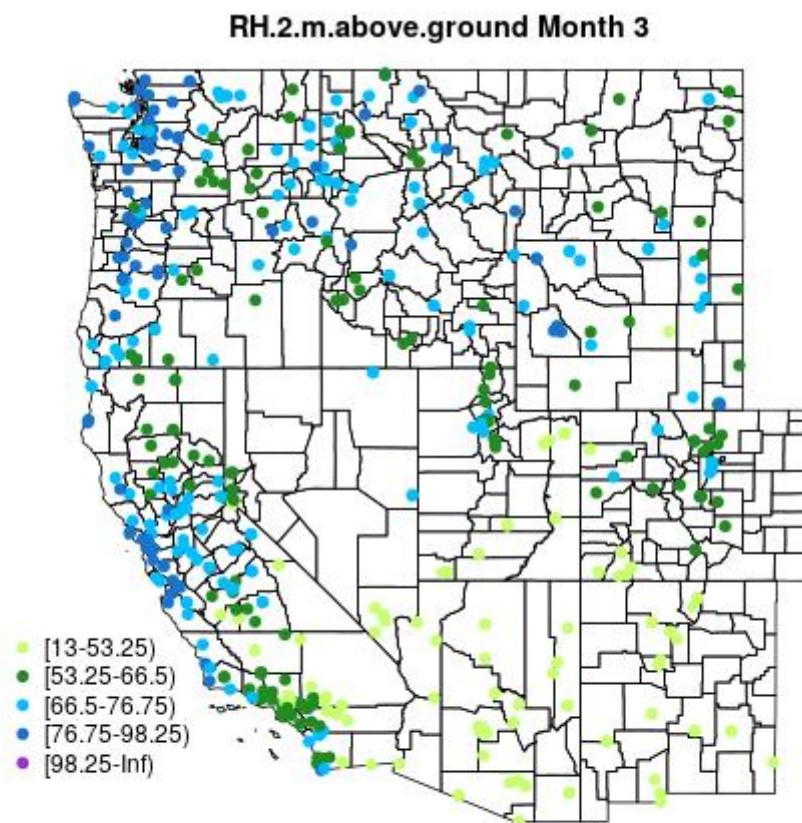


Figure 240: RH.2.m.above.ground Month 3

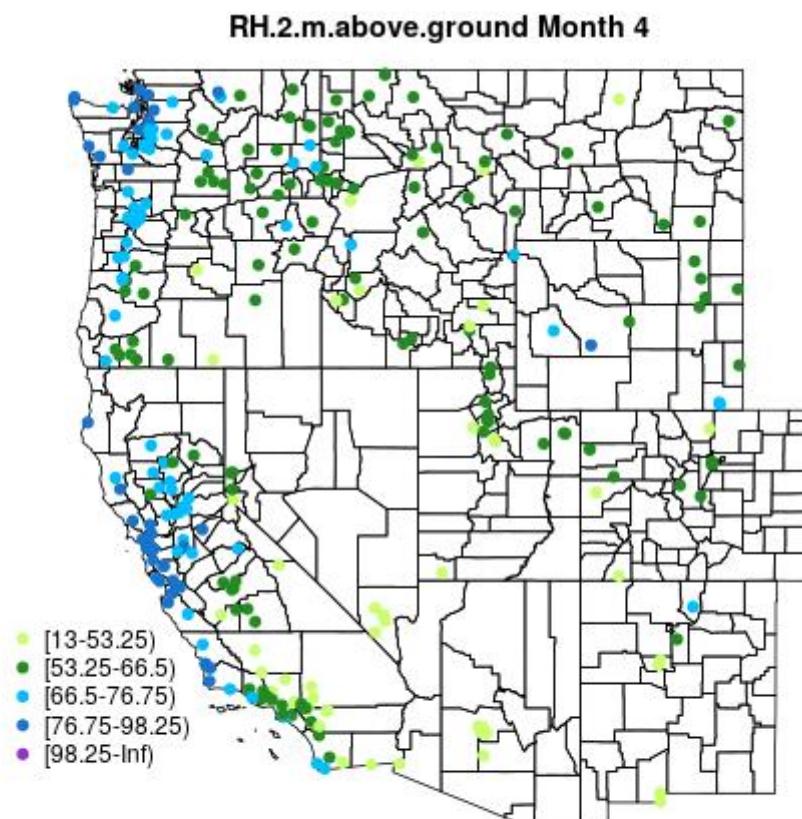


Figure 241: RH.2.m.above.ground Month 4

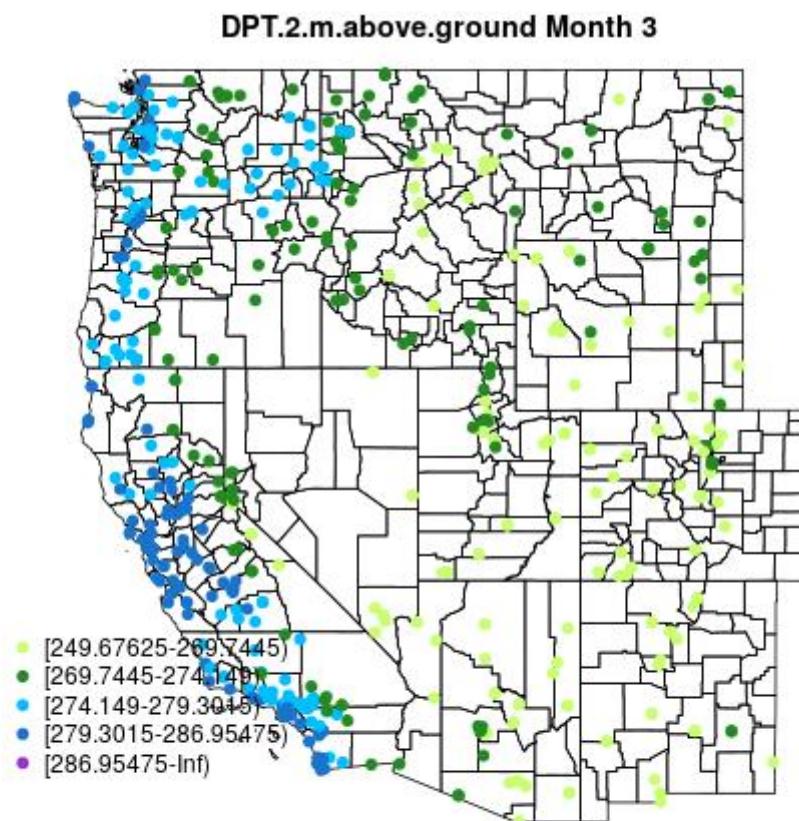


Figure 242: DPT.2.m.above.ground Month 3

#### DPT.2.m.above.ground Month 4

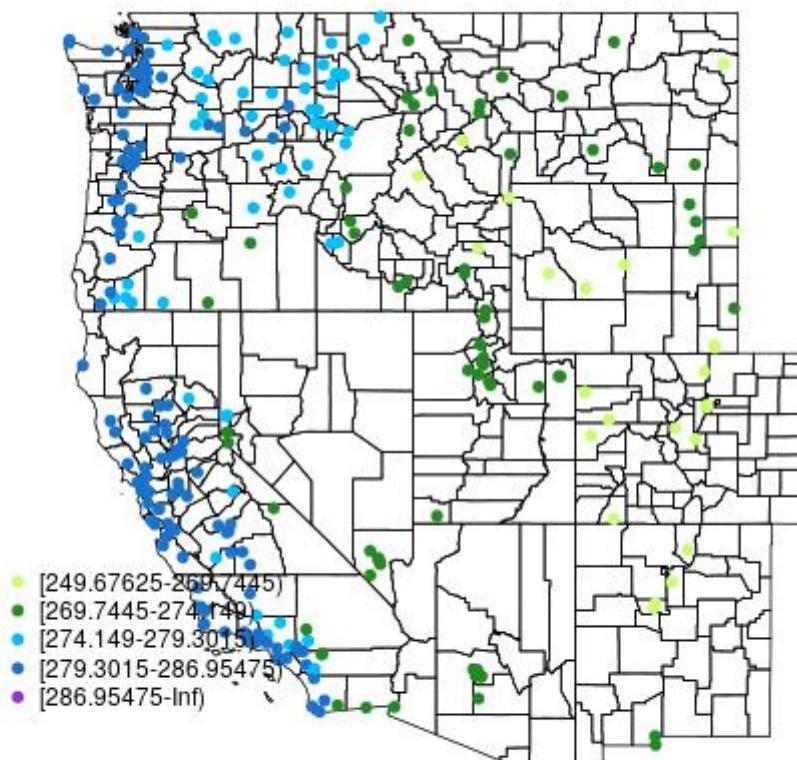


Figure 243: DPT.2.m.above.ground Month 4

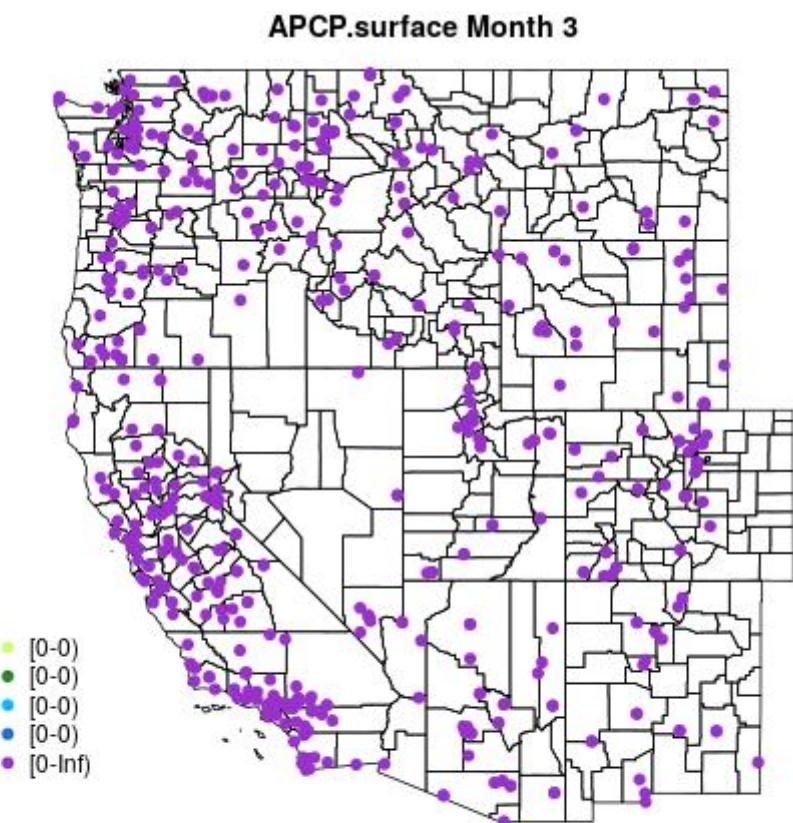


Figure 244: APCP.surface Month 3

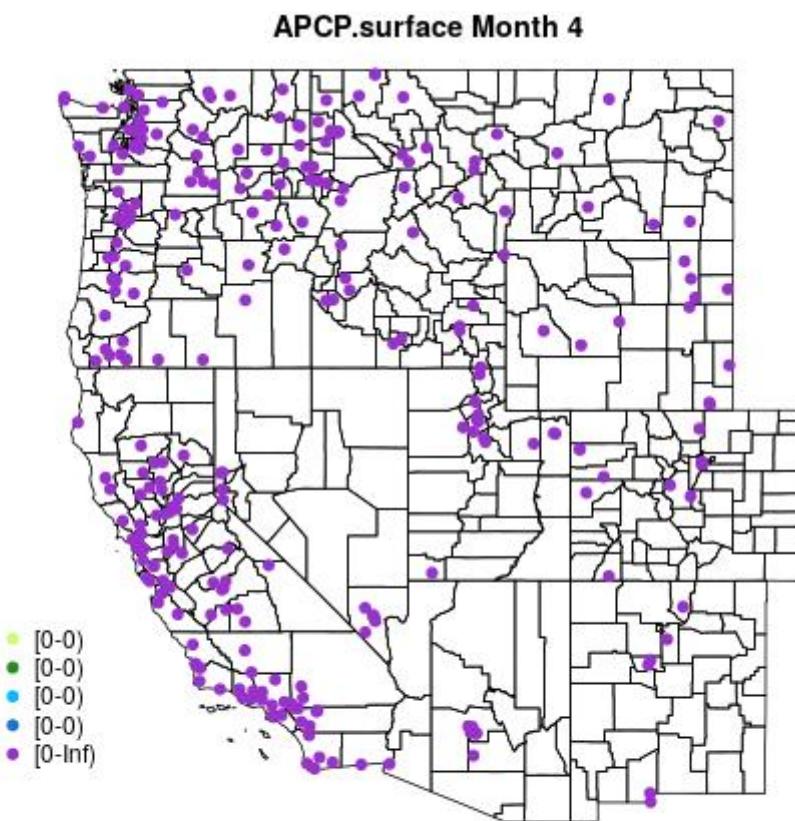


Figure 245: APCP.surface Month 4

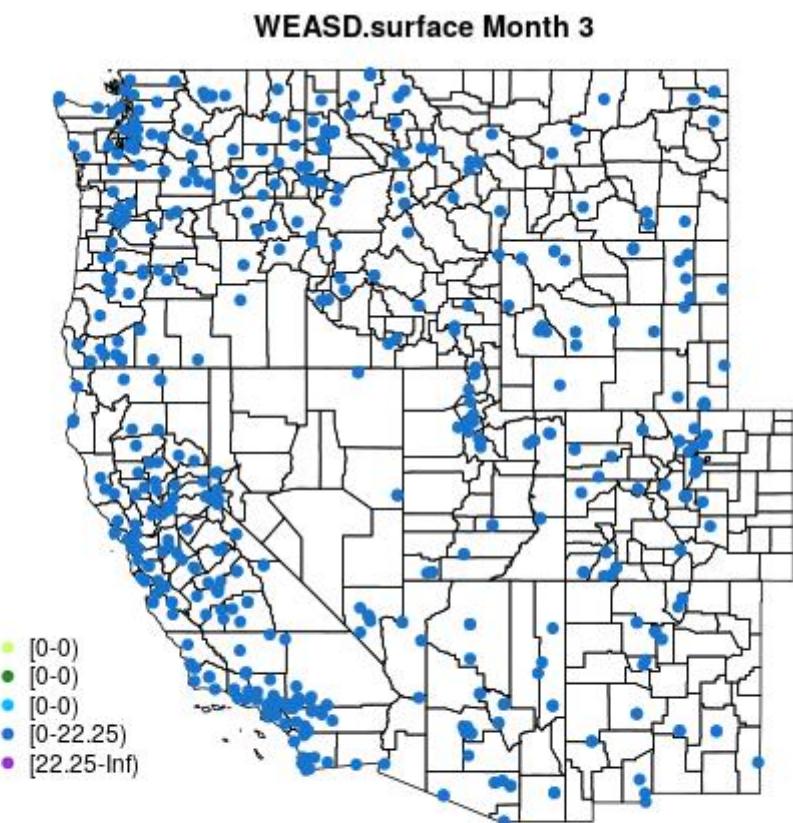


Figure 246: WEASD.surface Month 3

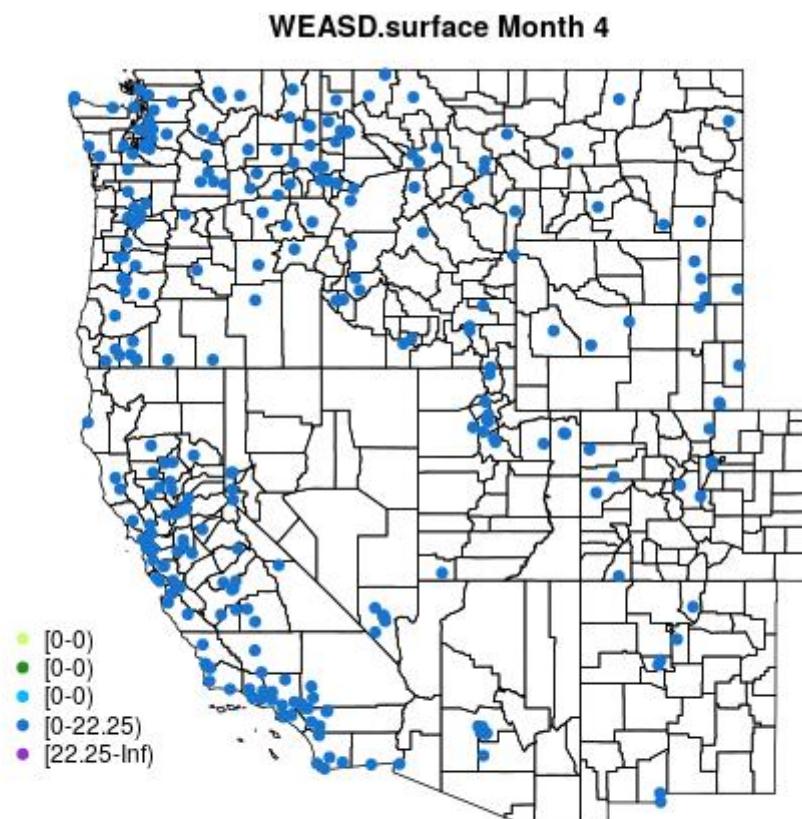


Figure 247: WEASD.surface Month 4

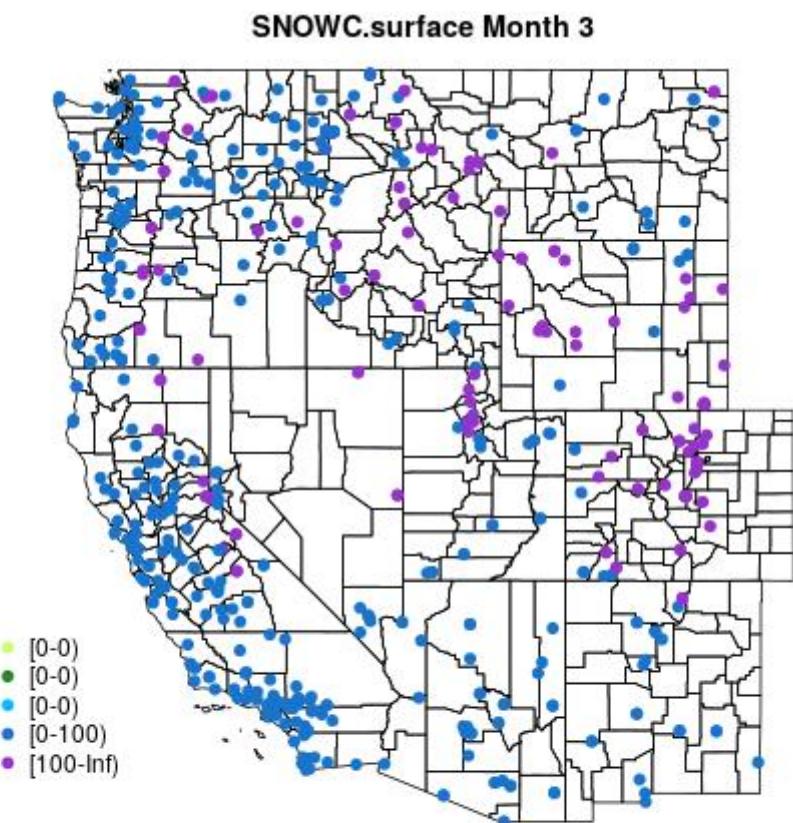


Figure 248: SNOWC.surface Month 3

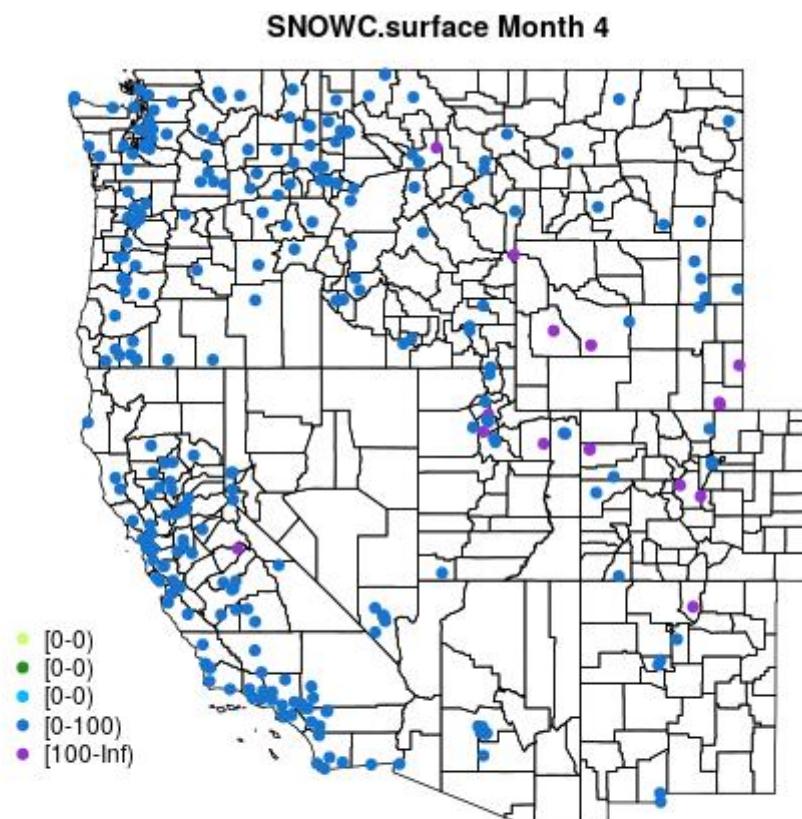


Figure 249: SNOWC.surface Month 4

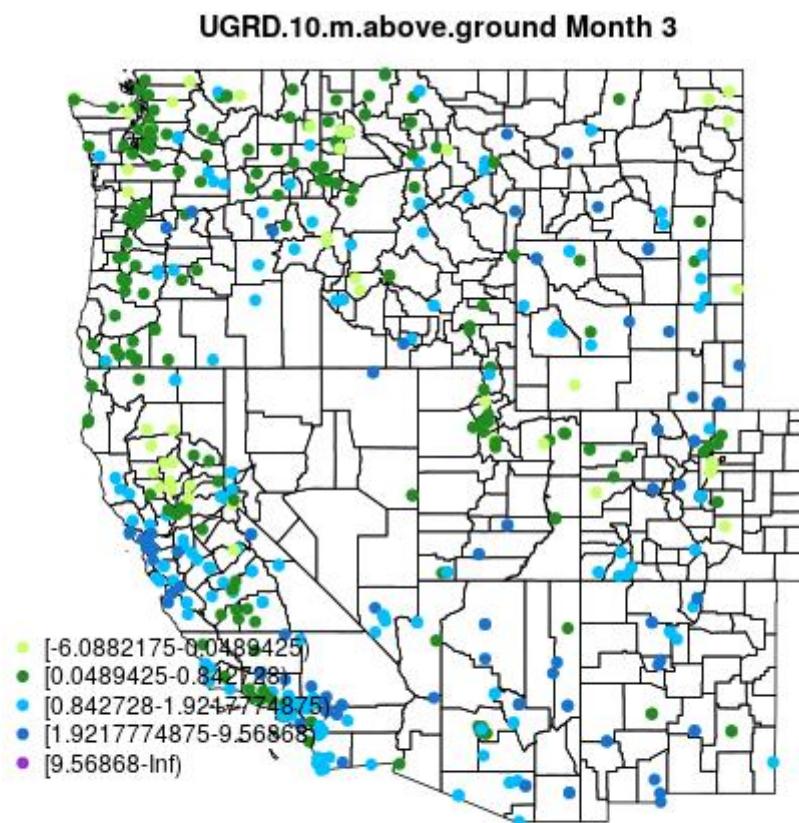


Figure 250: UGRD.10.m.above.ground Month 3

**UGRD.10.m.above.ground Month 4**

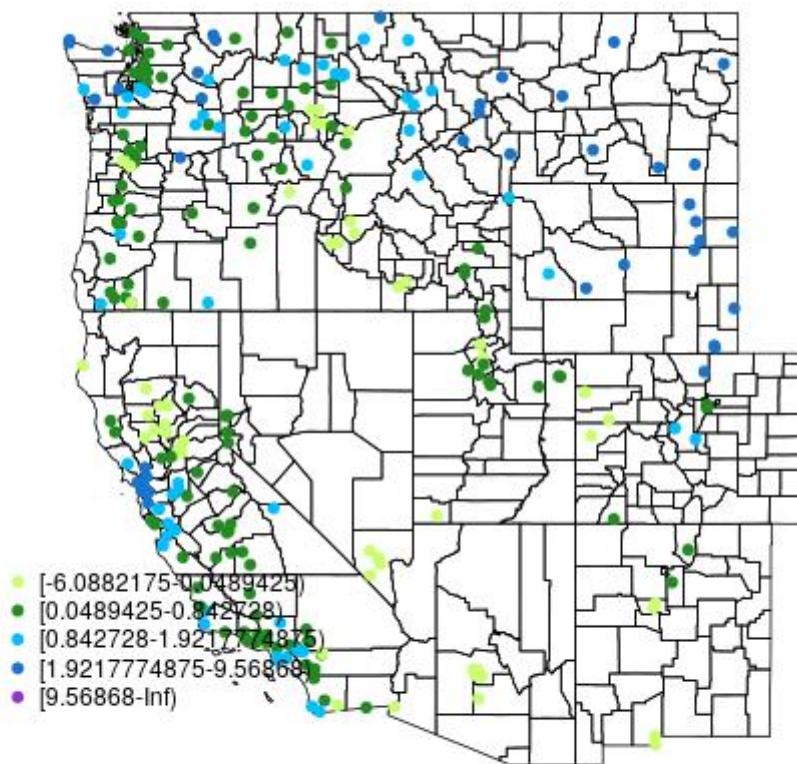


Figure 251: UGRD.10.m.above.ground Month 4

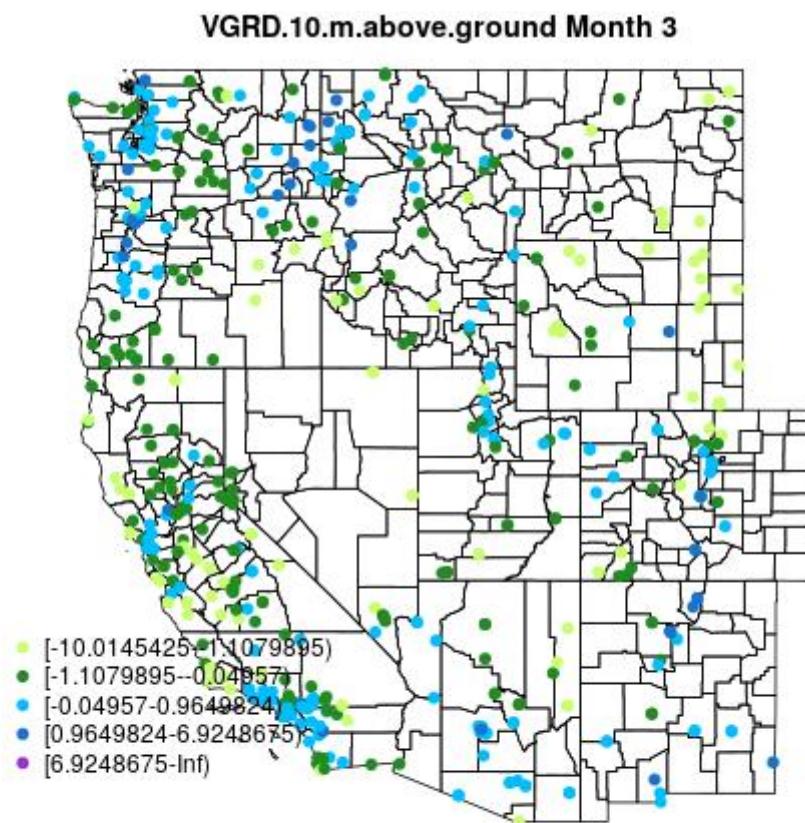


Figure 252: VGRD.10.m.above.ground Month 3

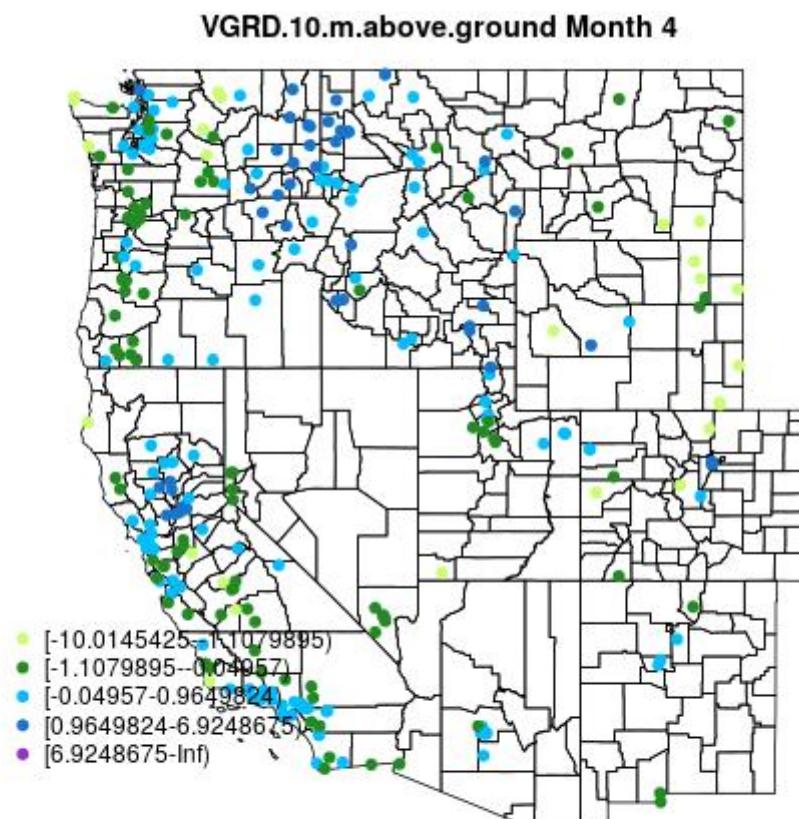


Figure 253: VGRD.10.m.above.ground Month 4

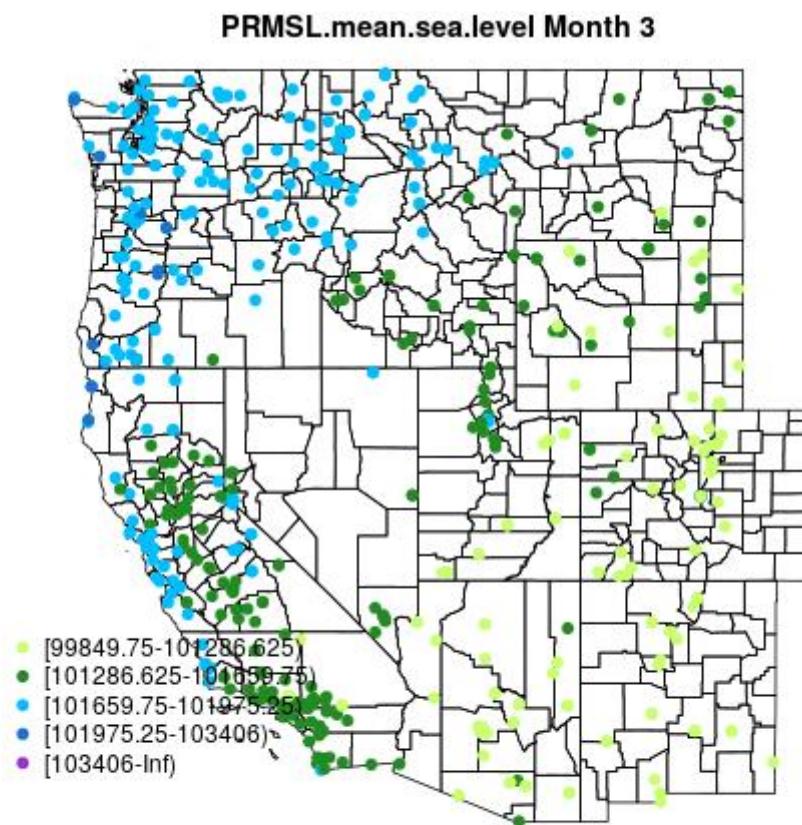


Figure 254: PRMSL.mean.sea.level Month 3

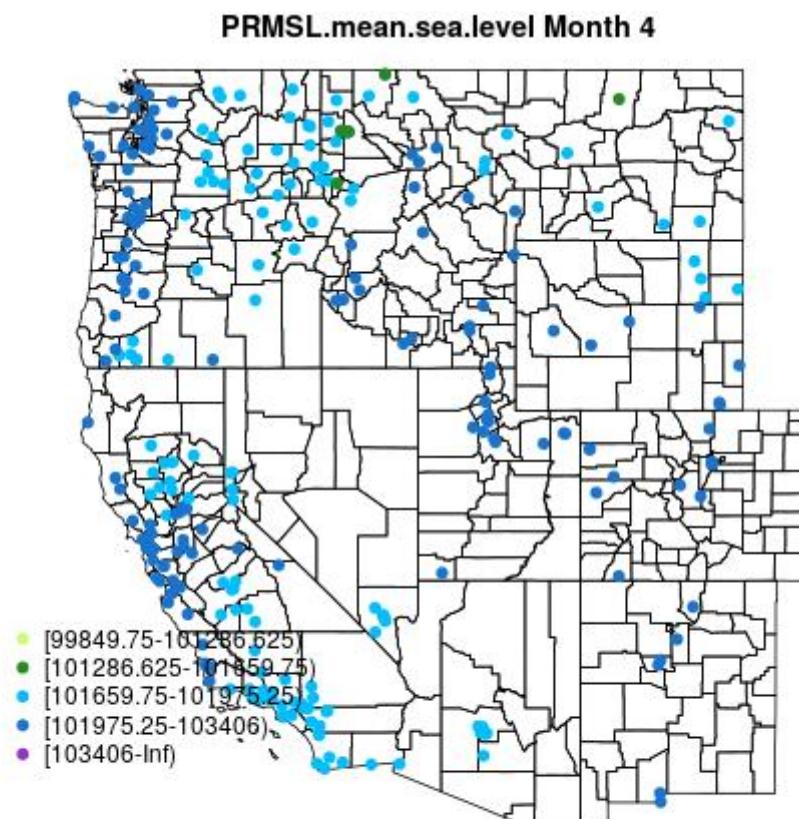


Figure 255: PRMSL.mean.sea.level Month 4

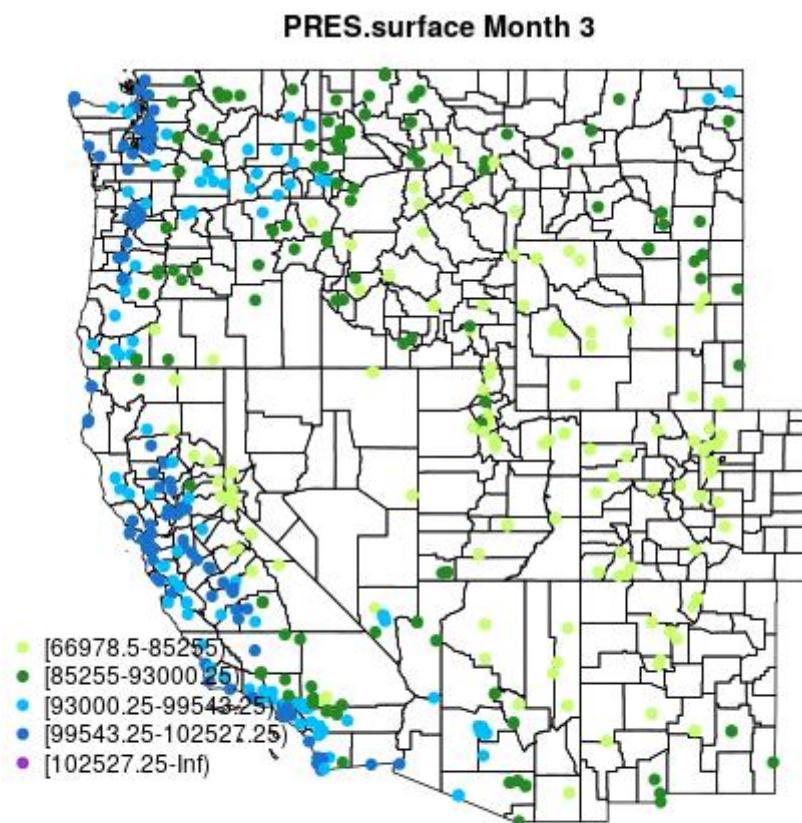


Figure 256: PRES.surface Month 3

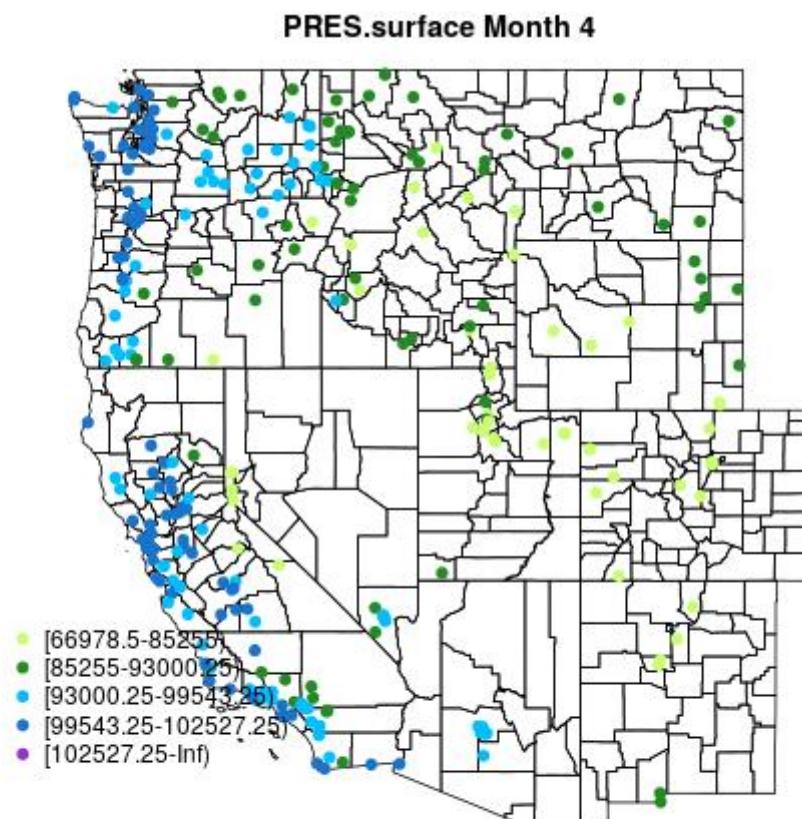


Figure 257: PRES.surface Month 4

**DZDT.850(mb) Month 3**

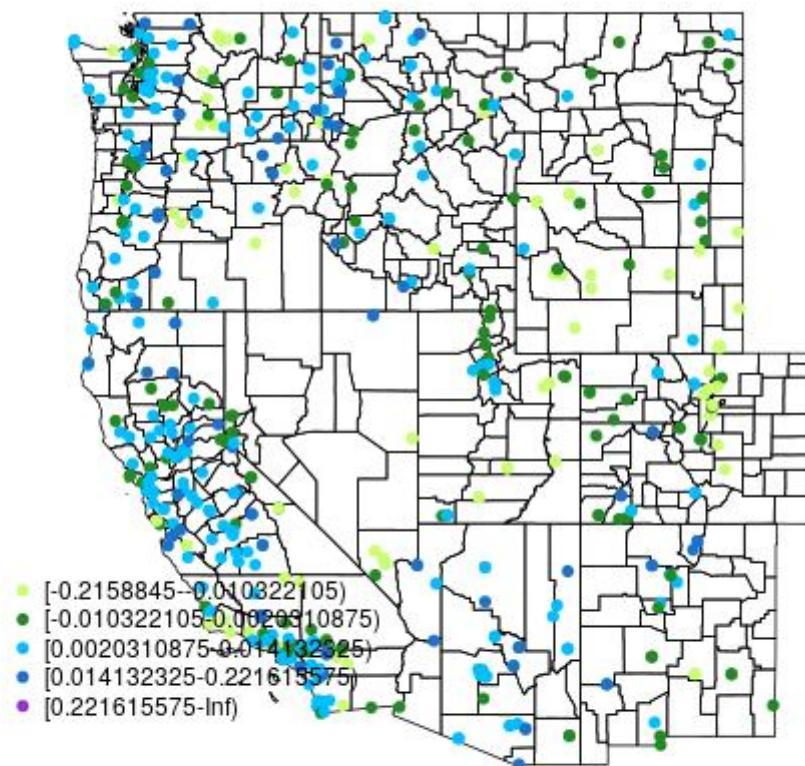


Figure 258: DZDT.850(mb) Month 3

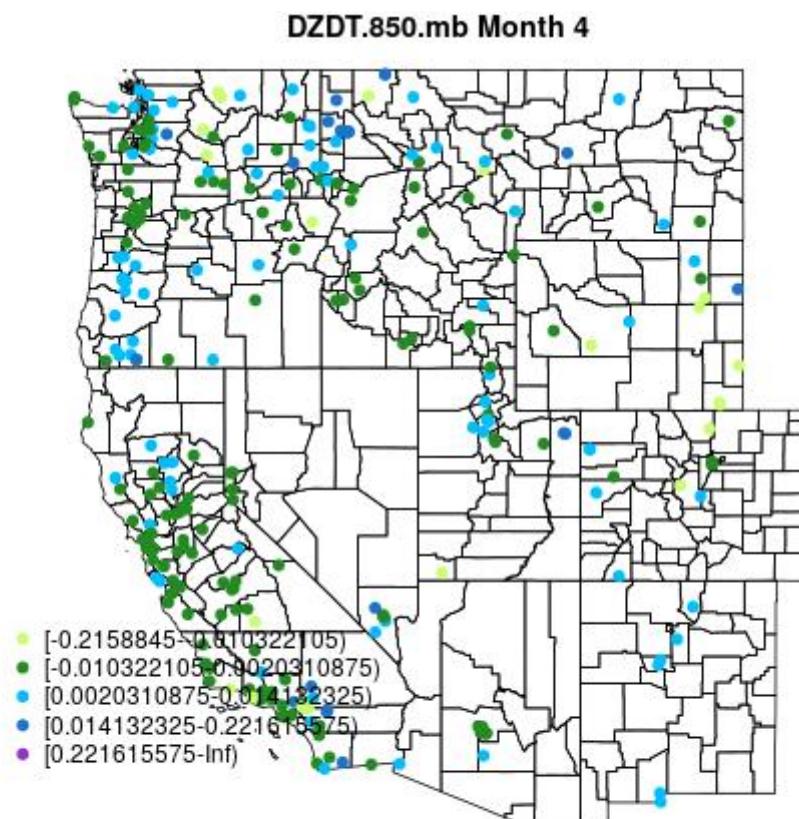


Figure 259: DZDT.850(mb) Month 4

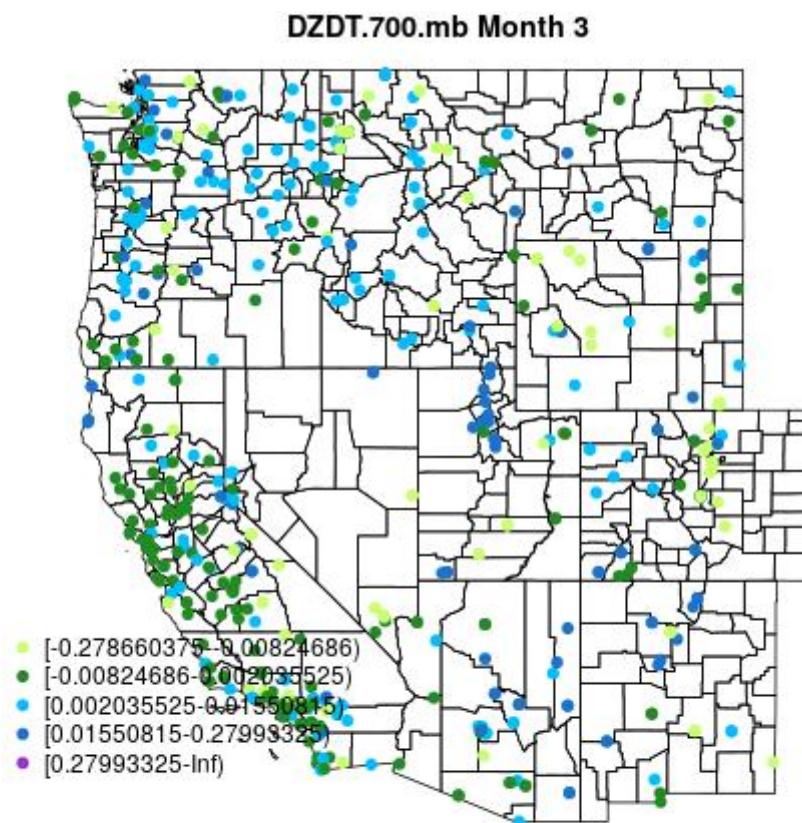


Figure 260: DZDT.700(mb) Month 3

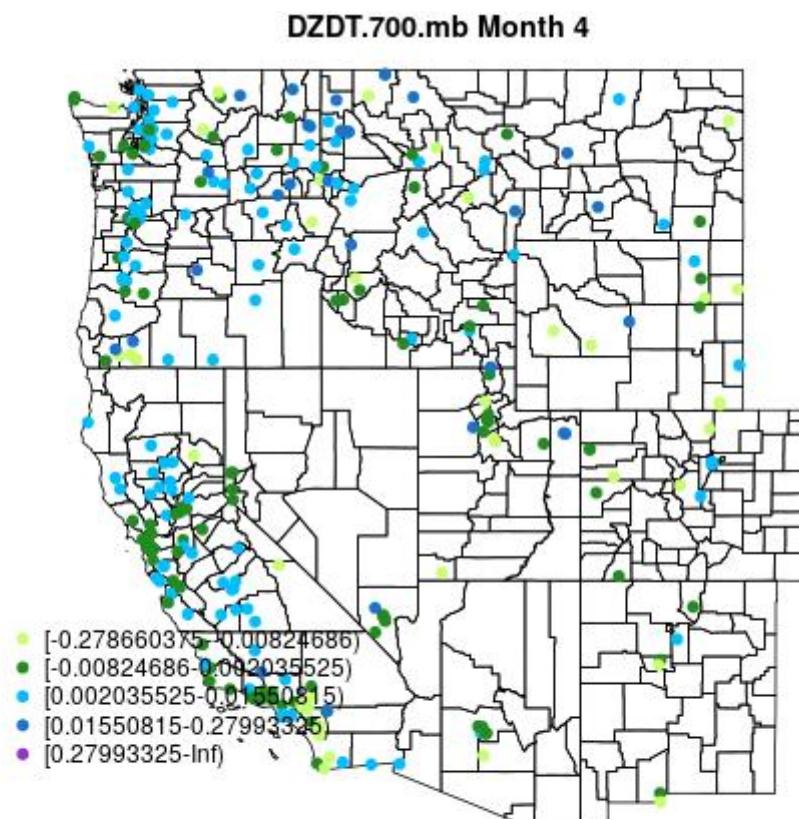


Figure 261: DZDT.700(mb) Month 4