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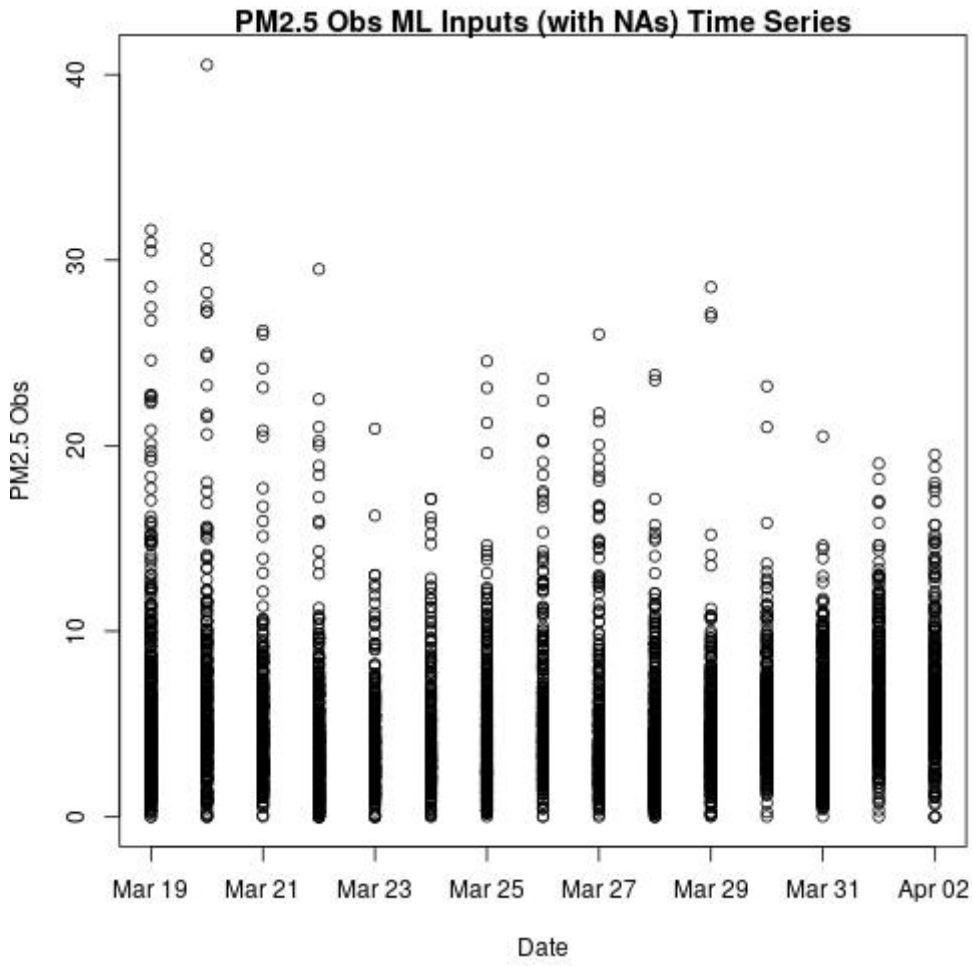

Figure 1: ML Inputs (with NAs) Time Series

0.1 ML Inputs (with NAs) Time Series Images

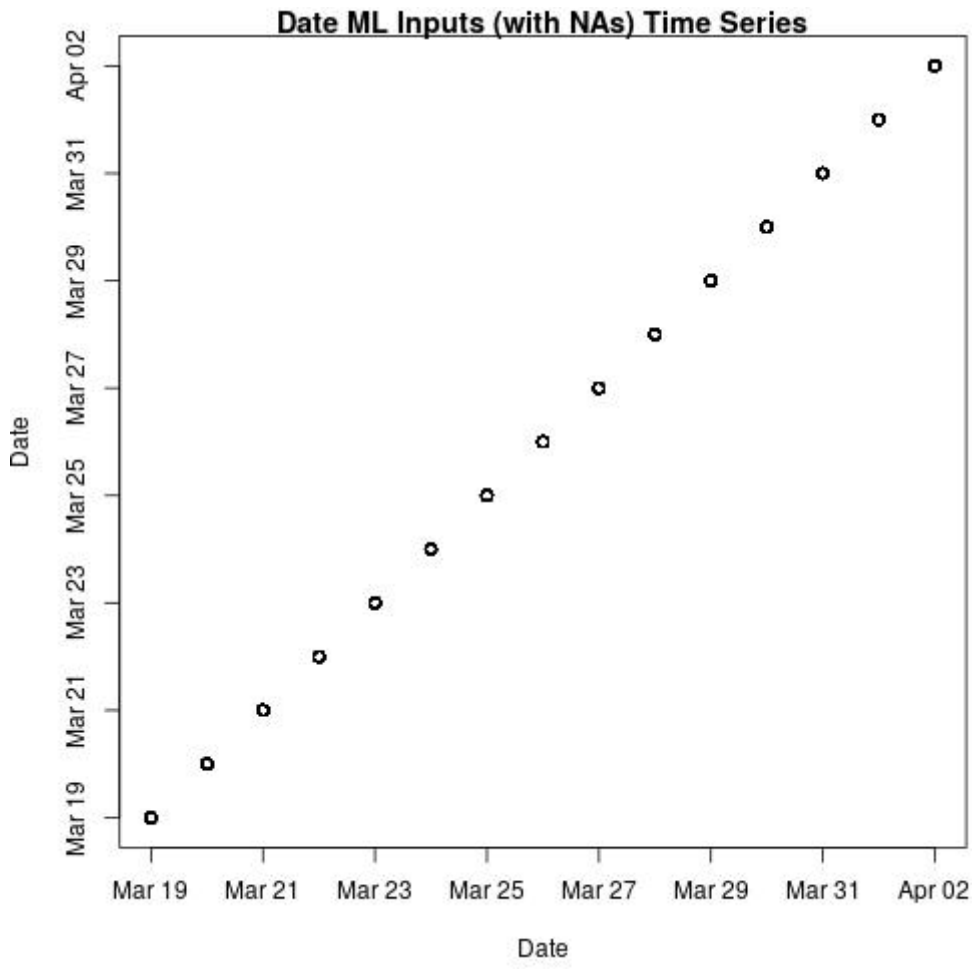

Figure 2: ML Inputs (with NAs) Time Series

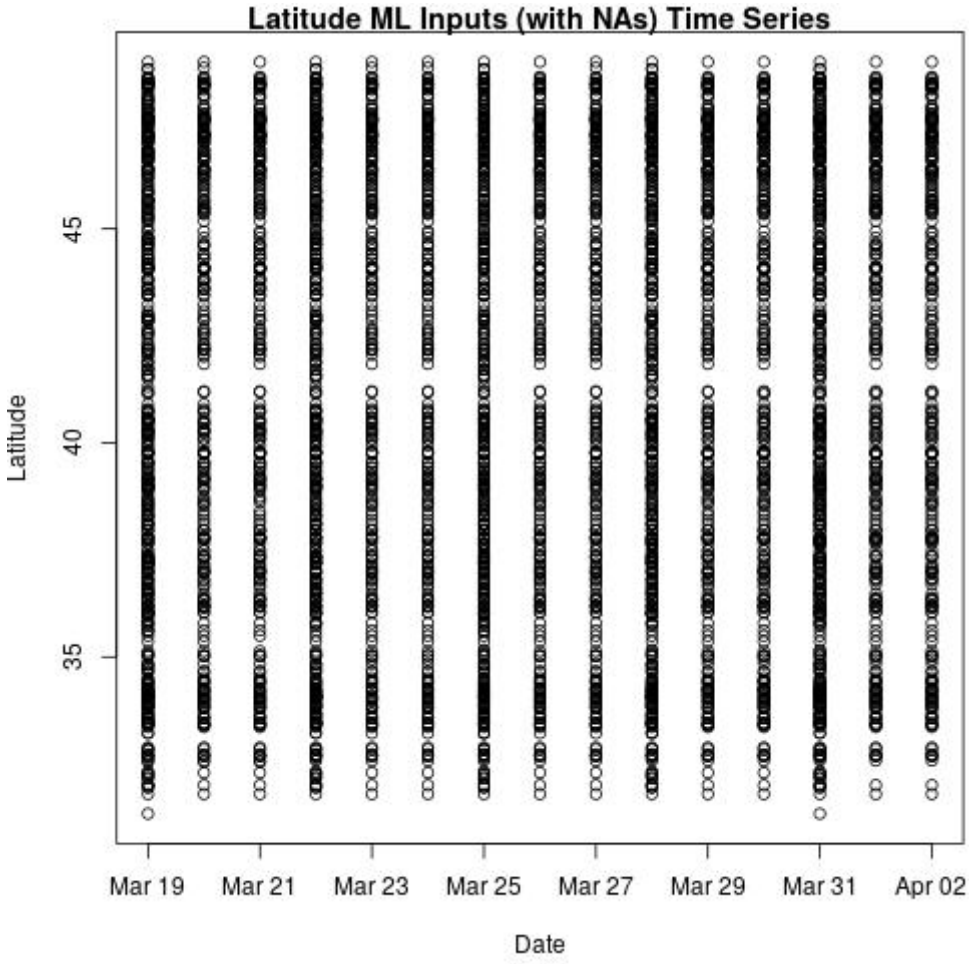

Figure 3: ML Inputs (with NAs) Time Series

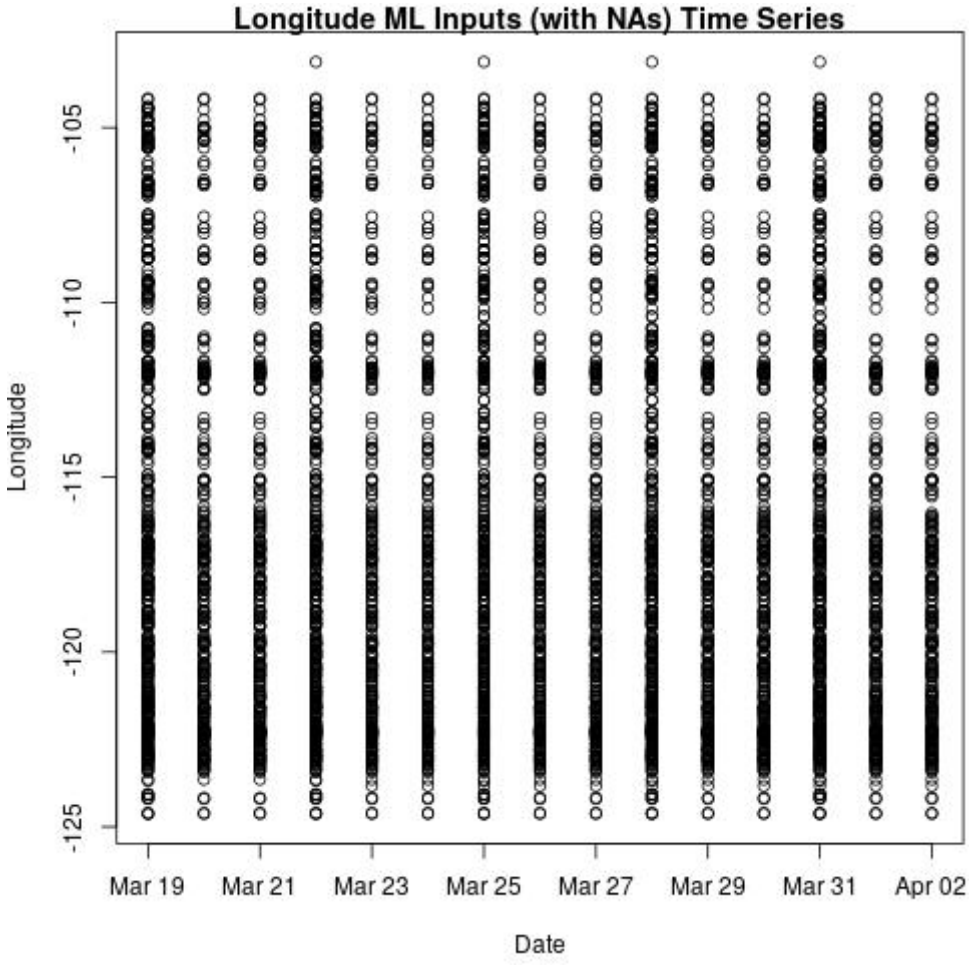

Figure 4: ML Inputs (with NAs) Time Series

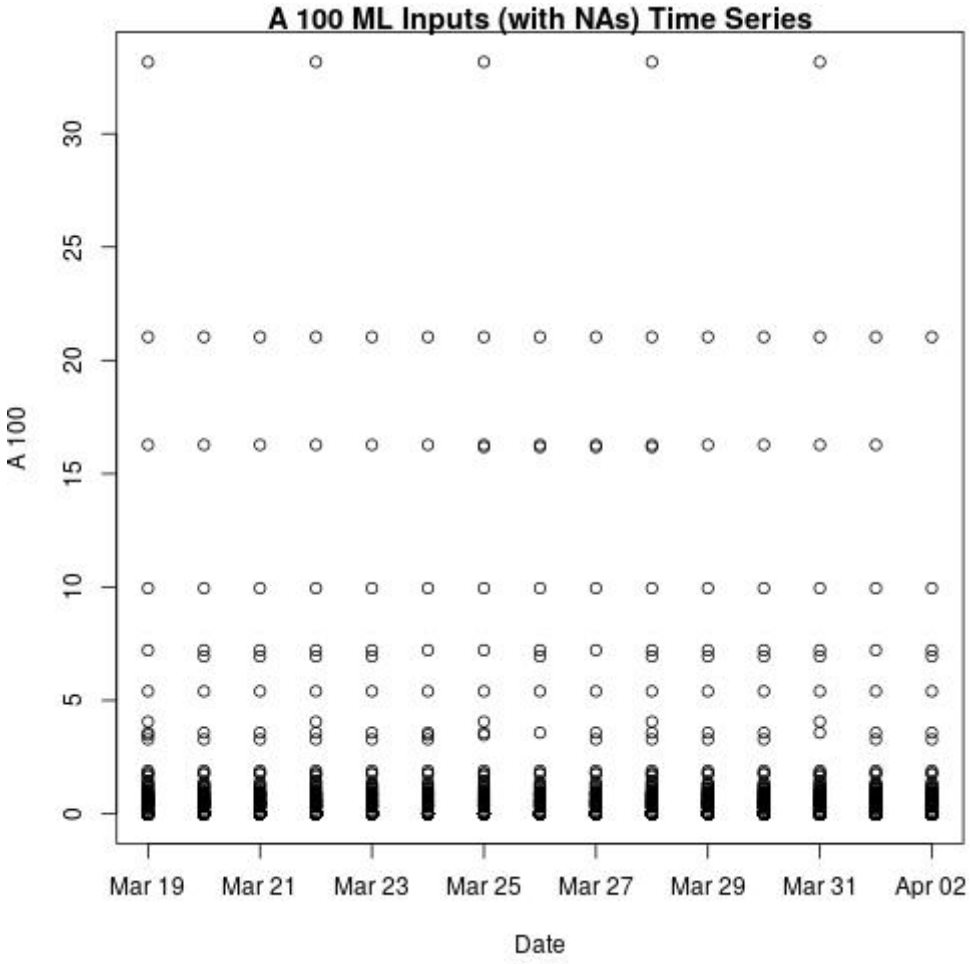

Figure 5: ML Inputs (with NAs) Time Series

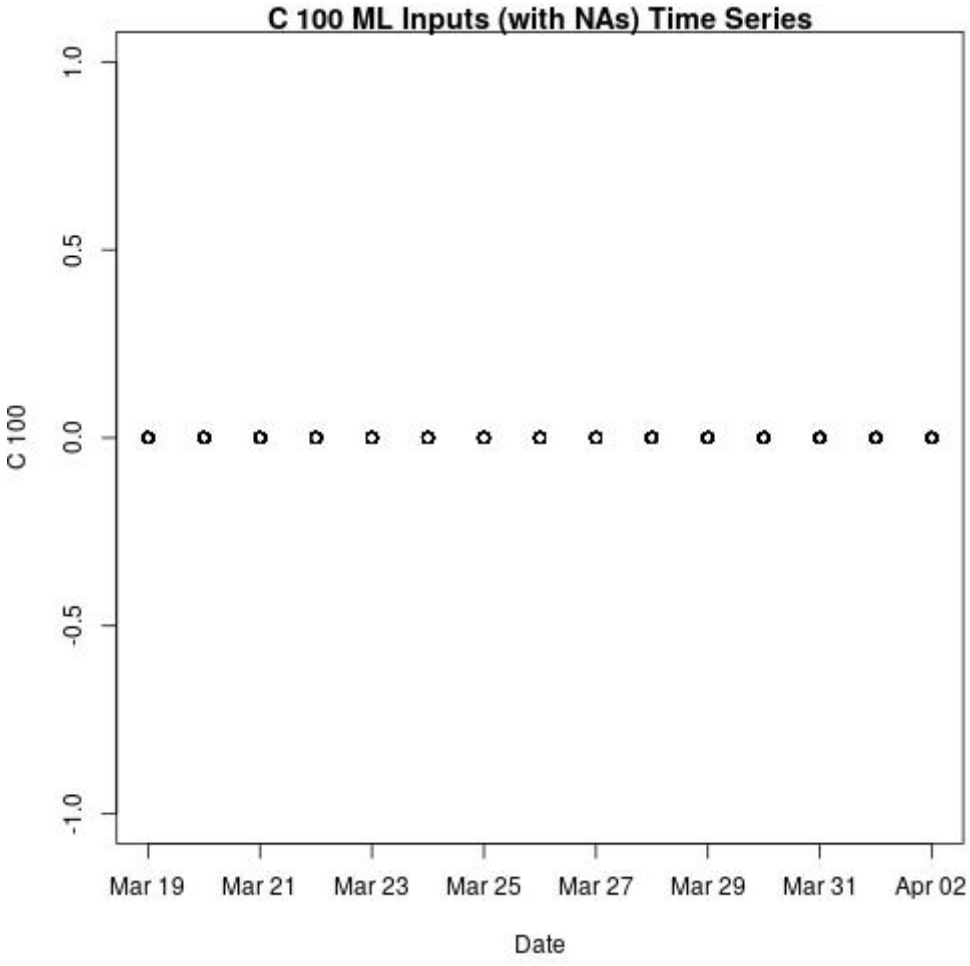

Figure 6: ML Inputs (with NAs) Time Series

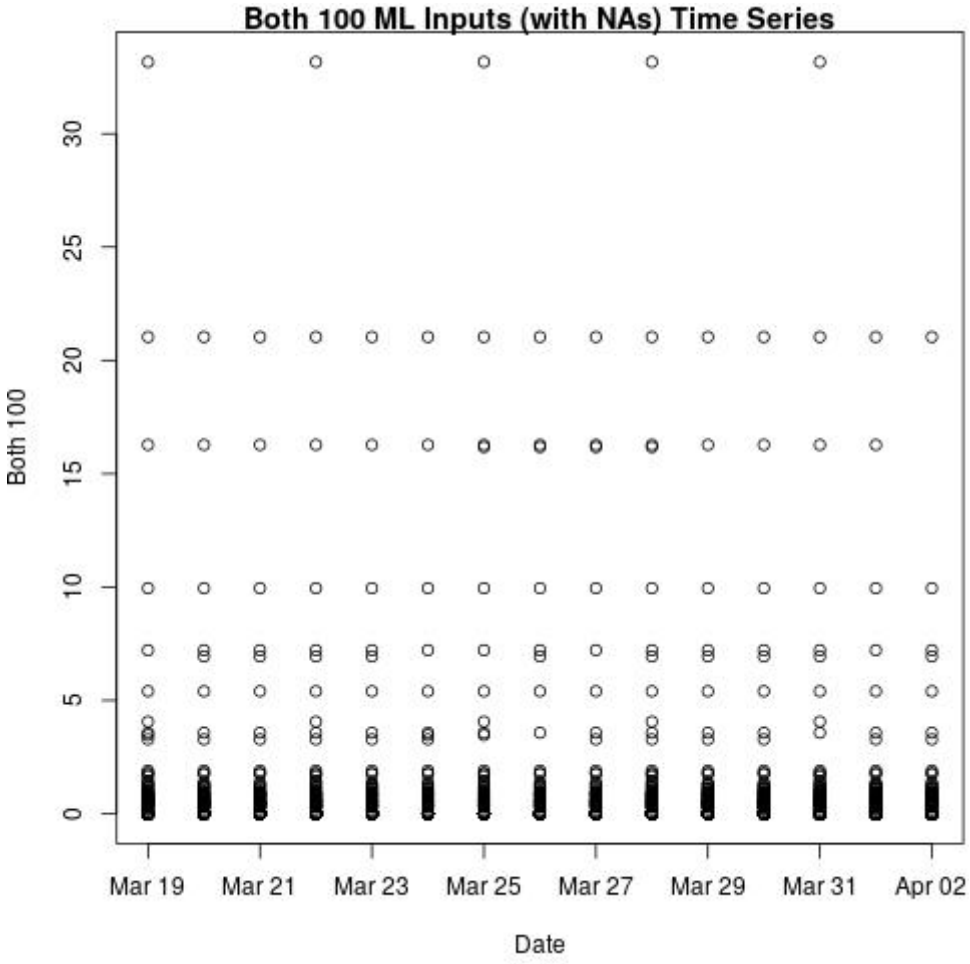

Figure 7: ML Inputs (with NAs) Time Series

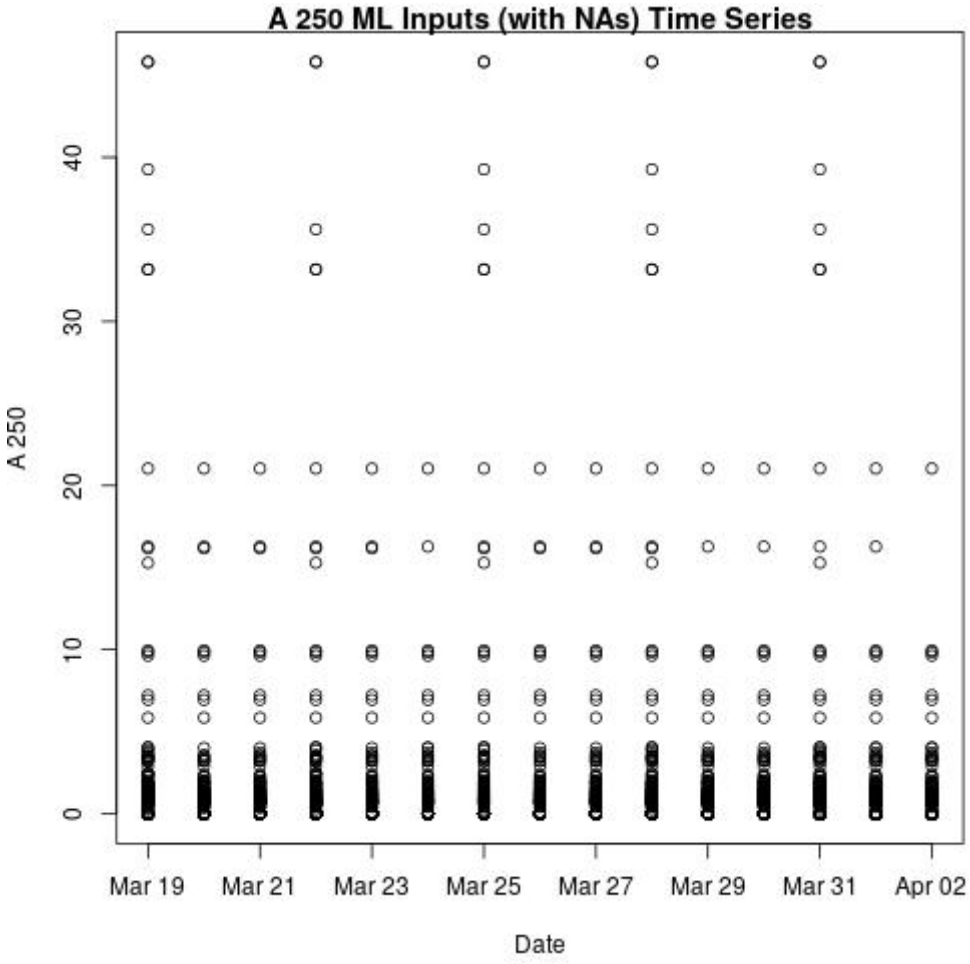

Figure 8: ML Inputs (with NAs) Time Series

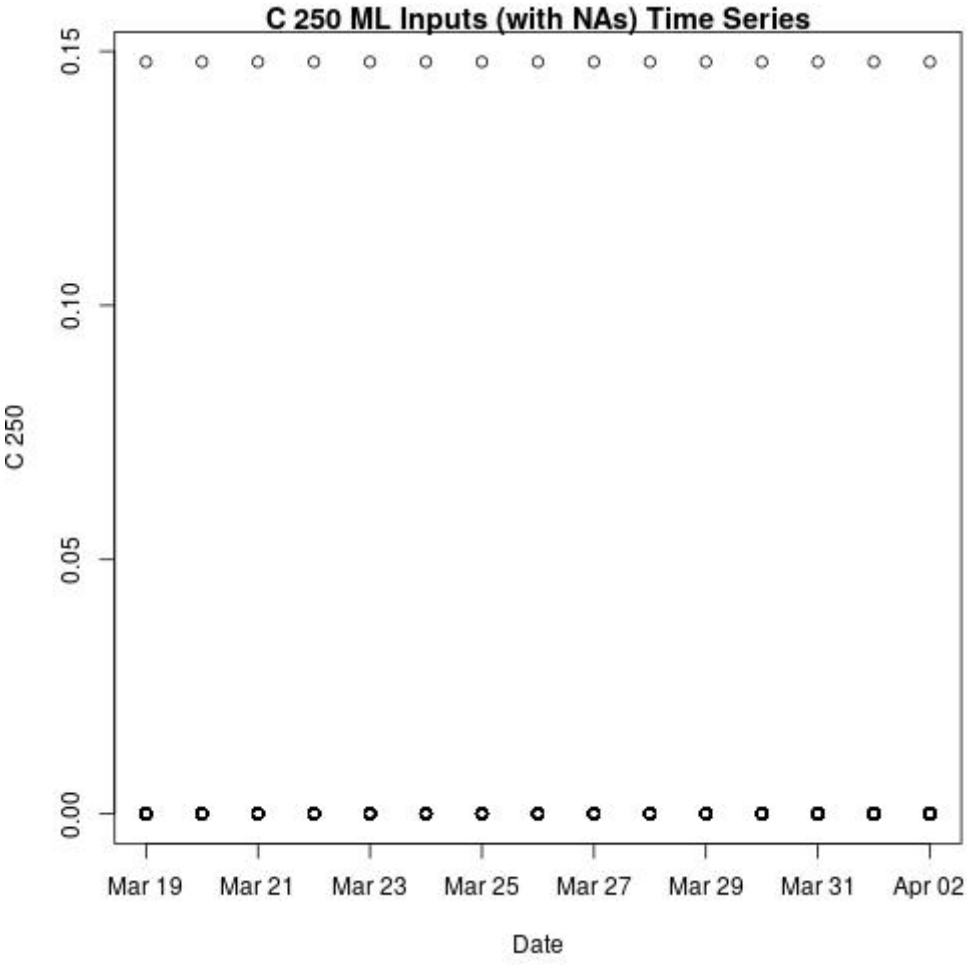

Figure 9: ML Inputs (with NAs) Time Series

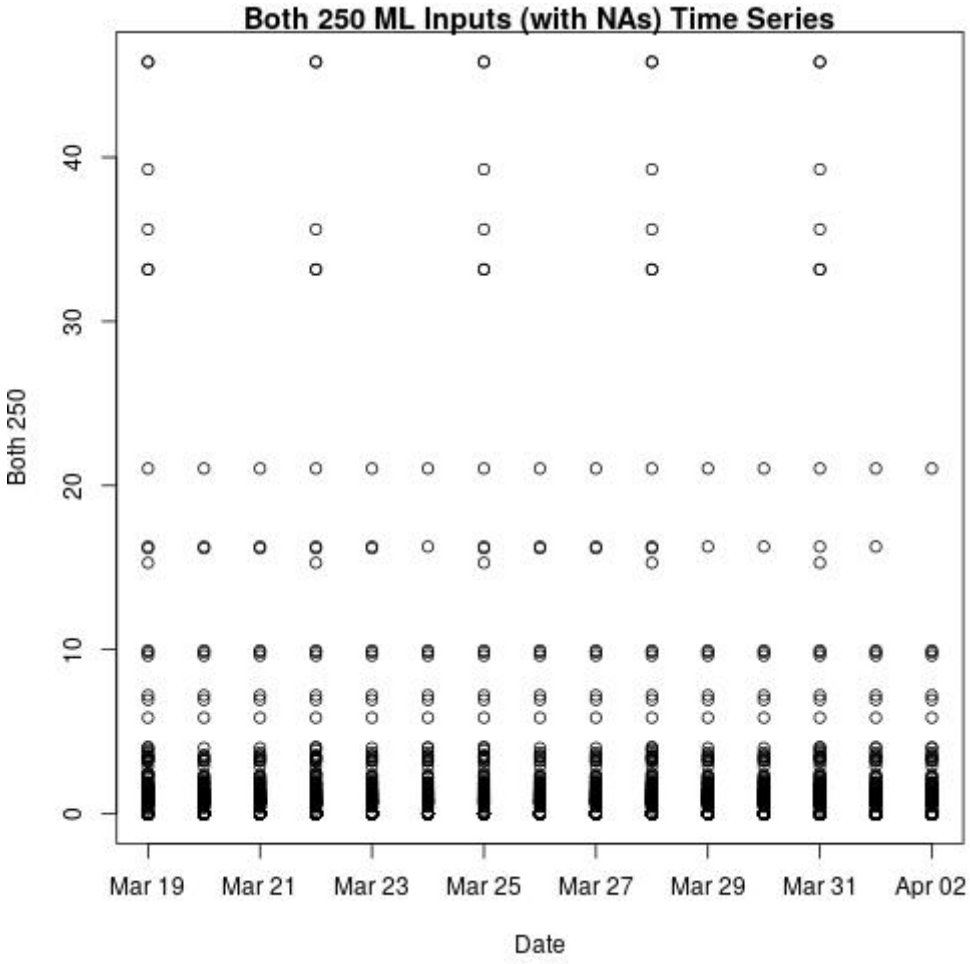

Figure 10: ML Inputs (with NAs) Time Series

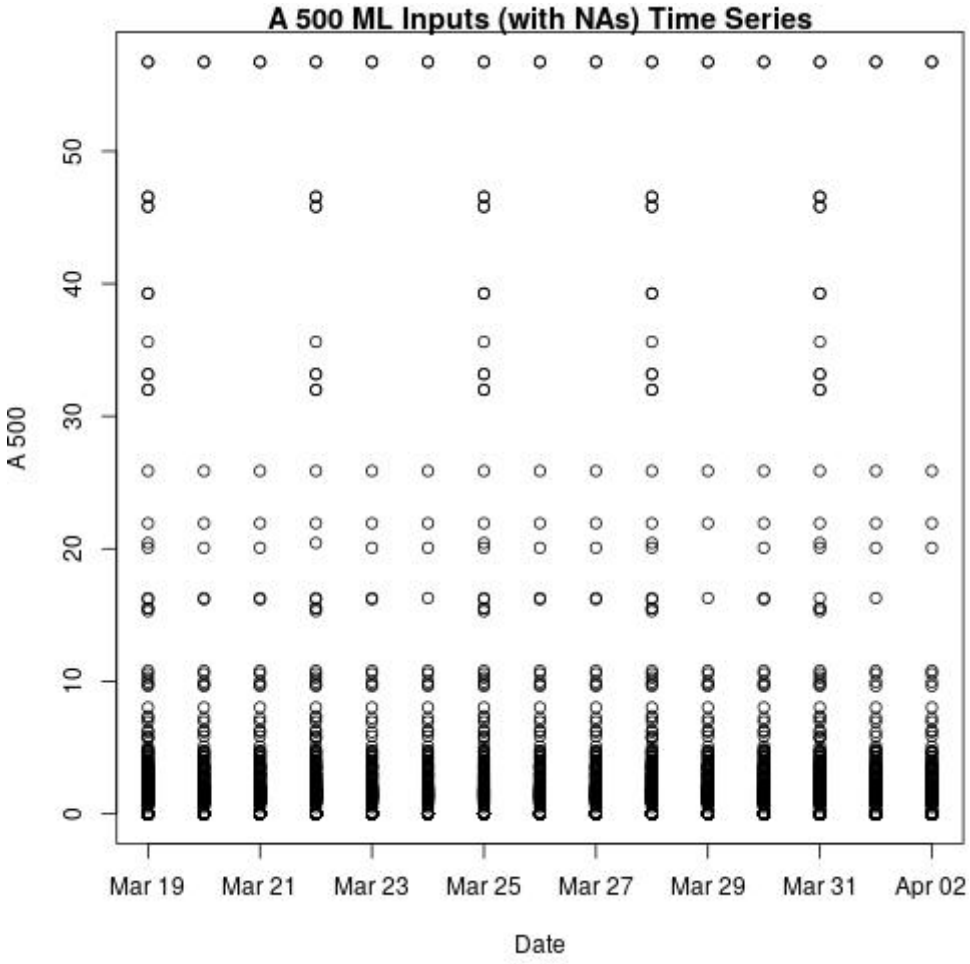

Figure 11: ML Inputs (with NAs) Time Series

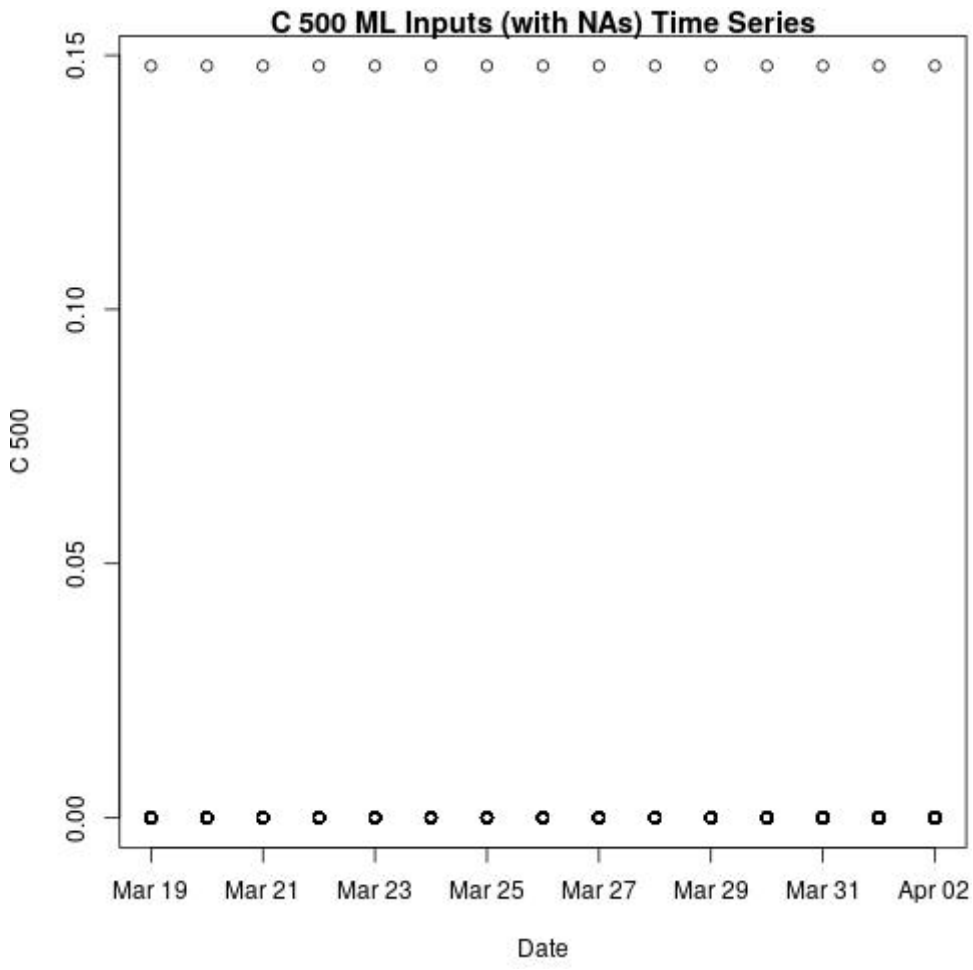

Figure 12: ML Inputs (with NAs) Time Series

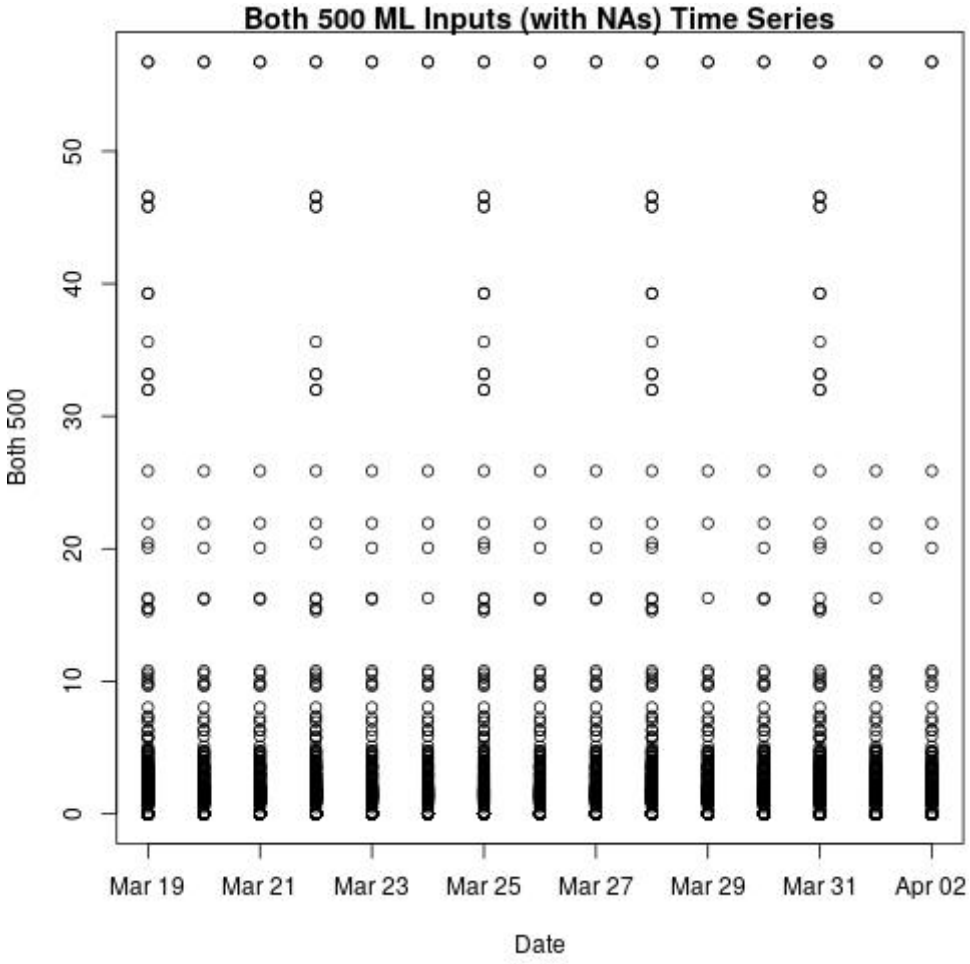

Figure 13: ML Inputs (with NAs) Time Series

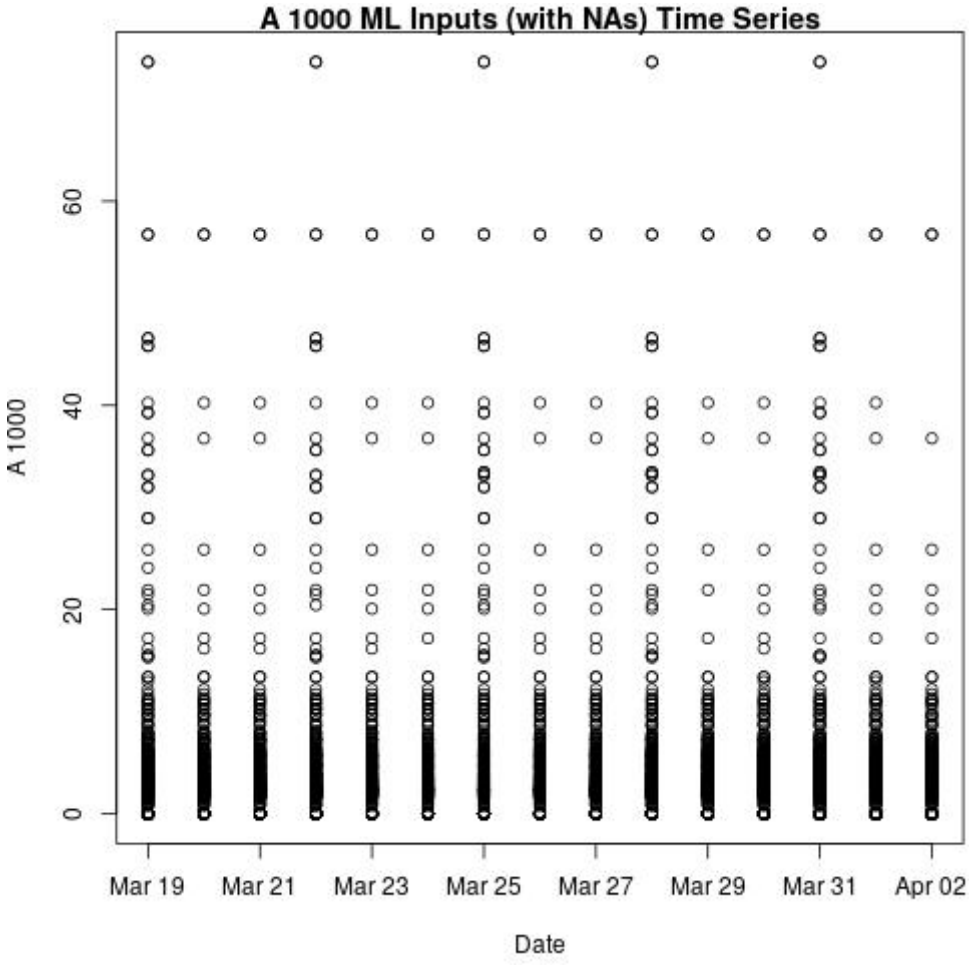

Figure 14: ML Inputs (with NAs) Time Series

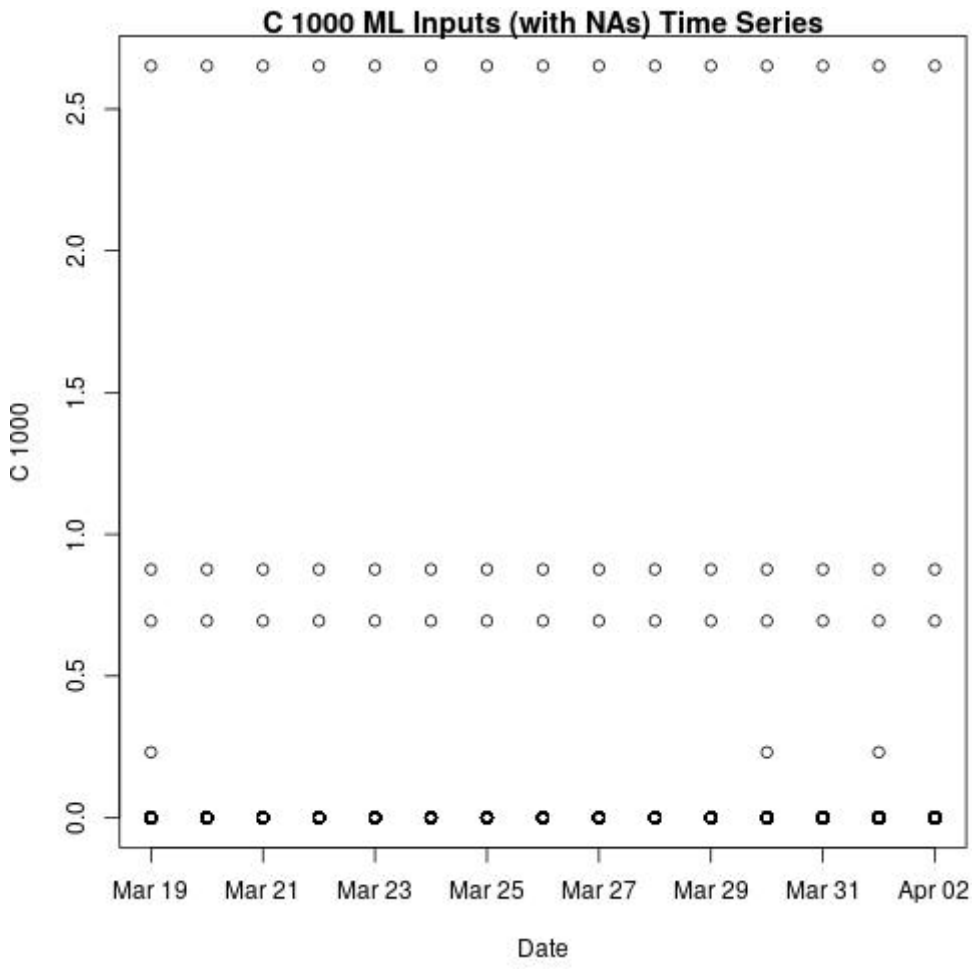

Figure 15: ML Inputs (with NAs) Time Series

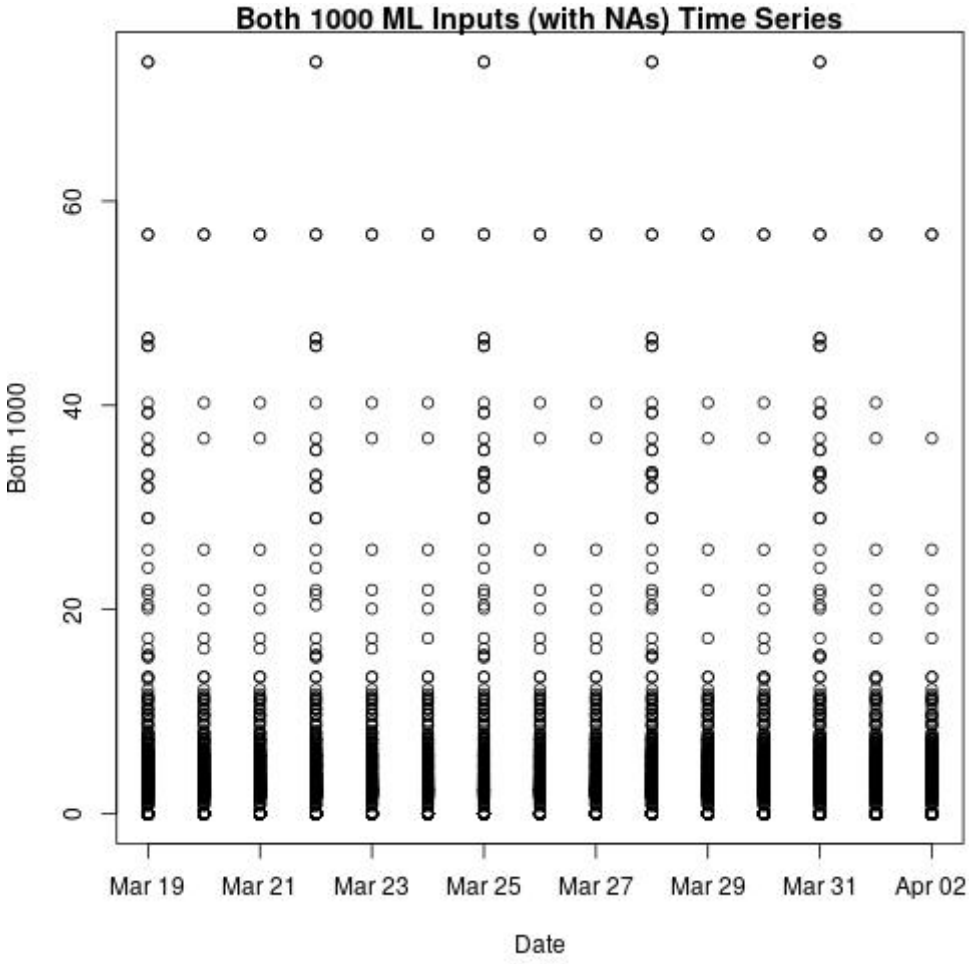

Figure 16: ML Inputs (with NAs) Time Series

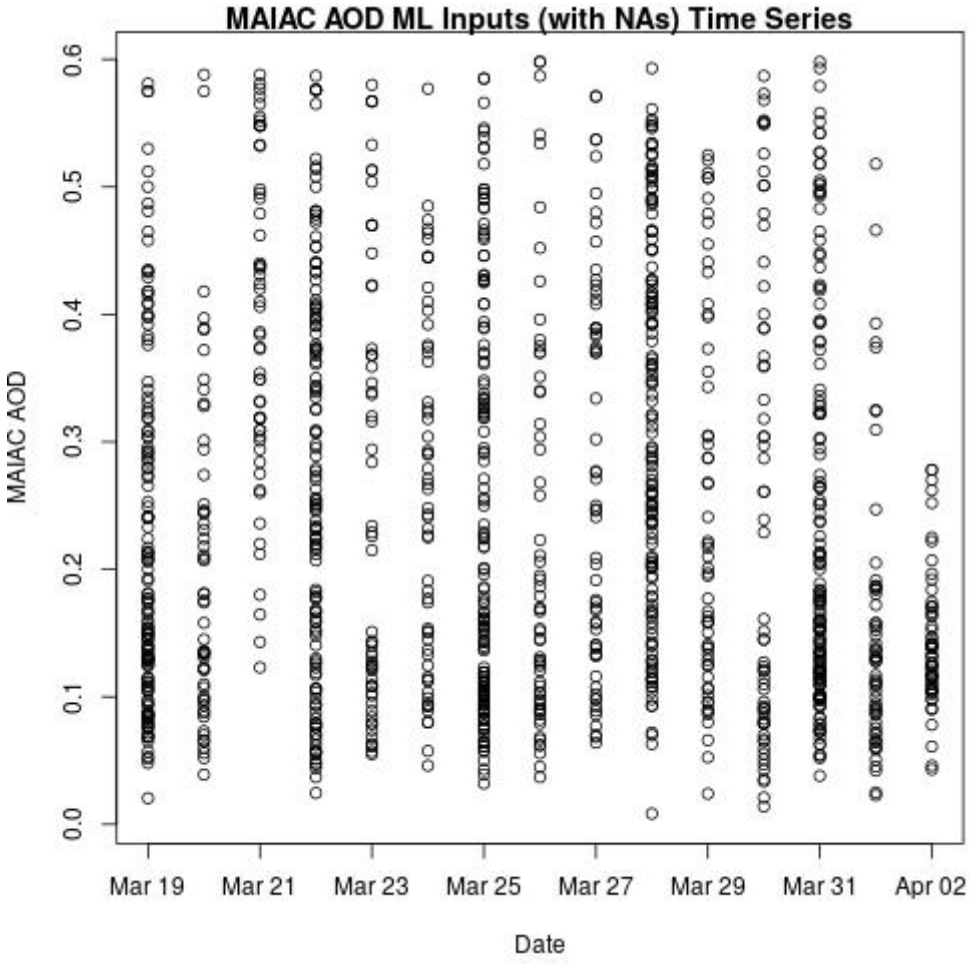

Figure 17: ML Inputs (with NAs) Time Series

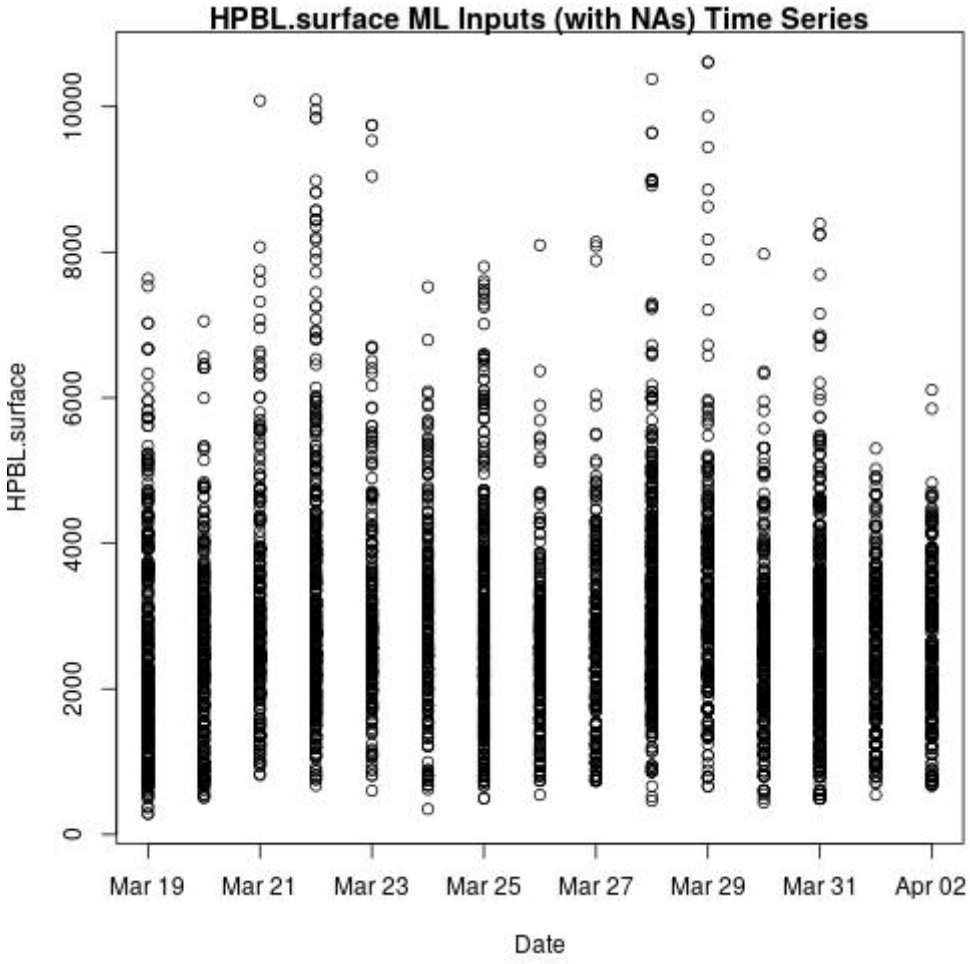

Figure 18: ML Inputs (with NAs) Time Series

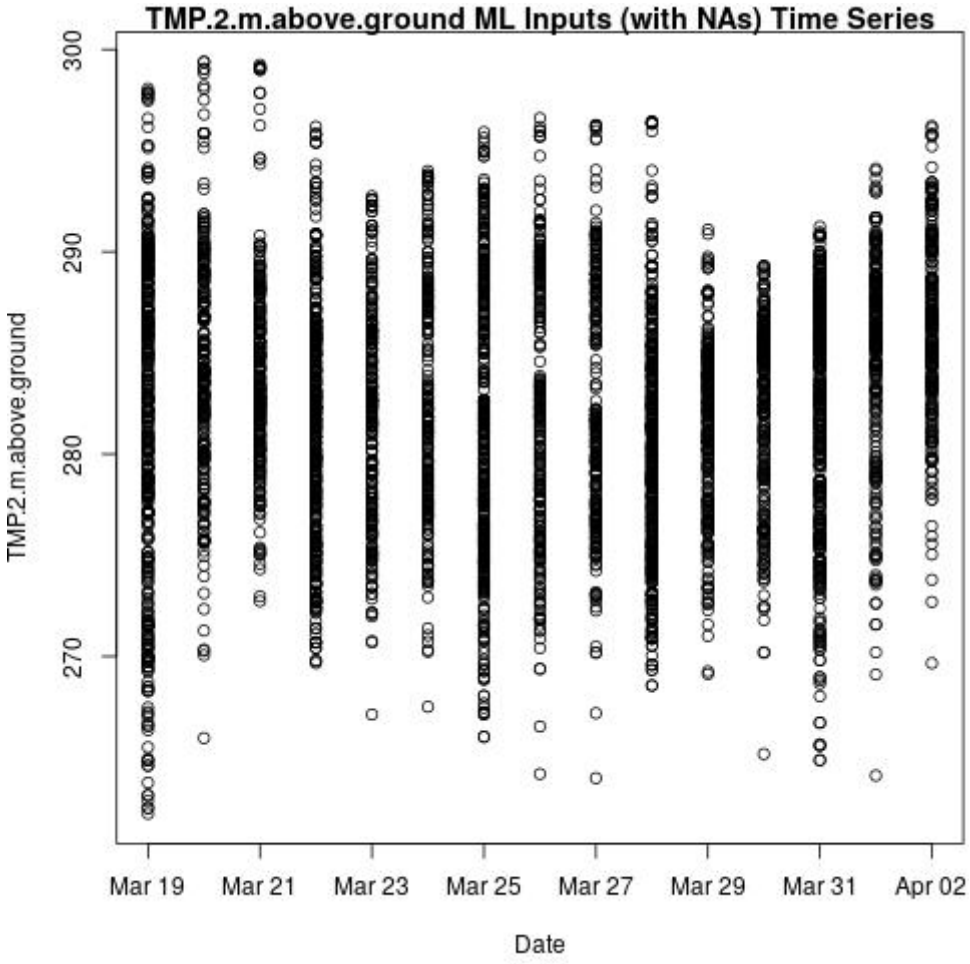

Figure 19: ML Inputs (with NAs) Time Series

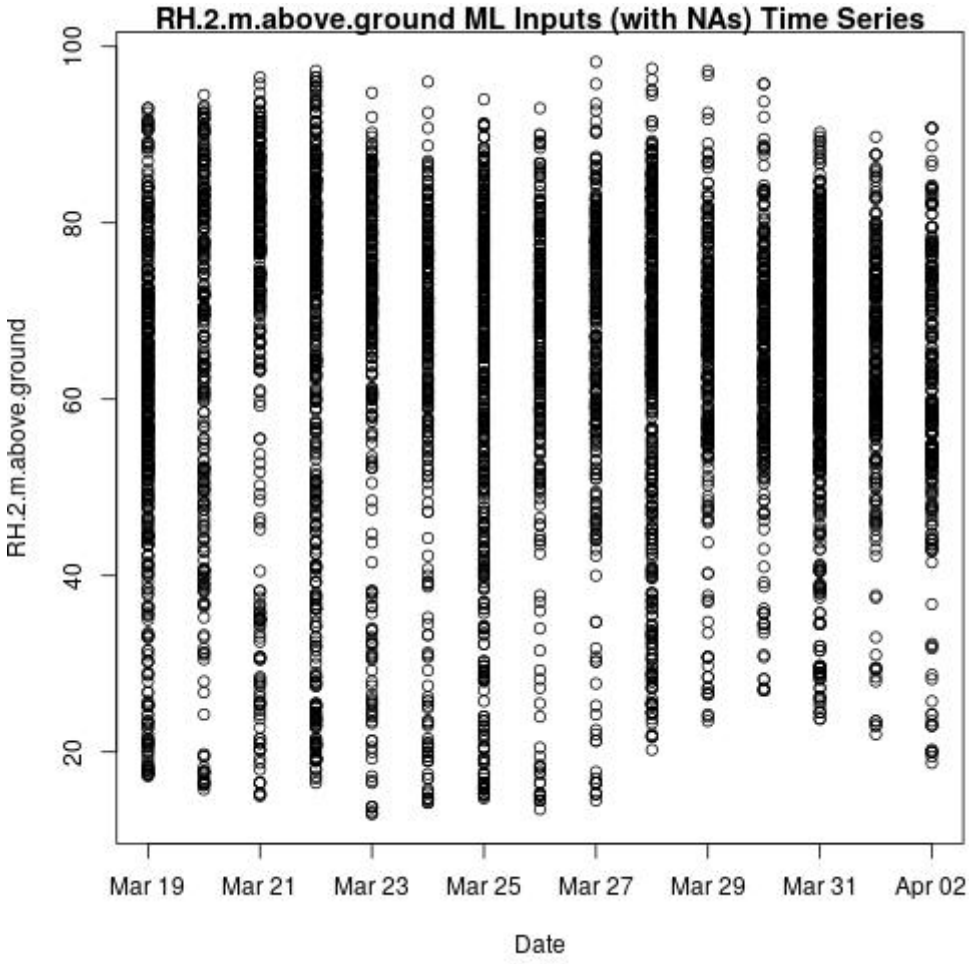

Figure 20: ML Inputs (with NAs) Time Series

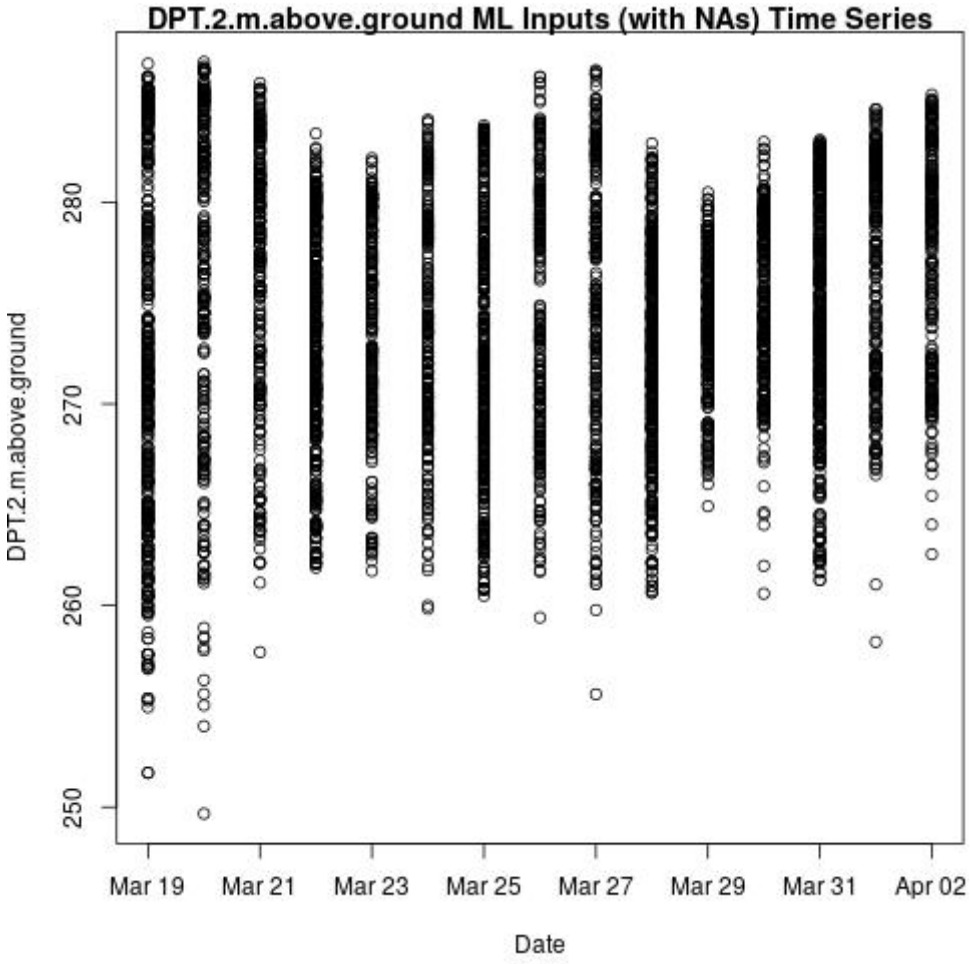

Figure 21: ML Inputs (with NAs) Time Series

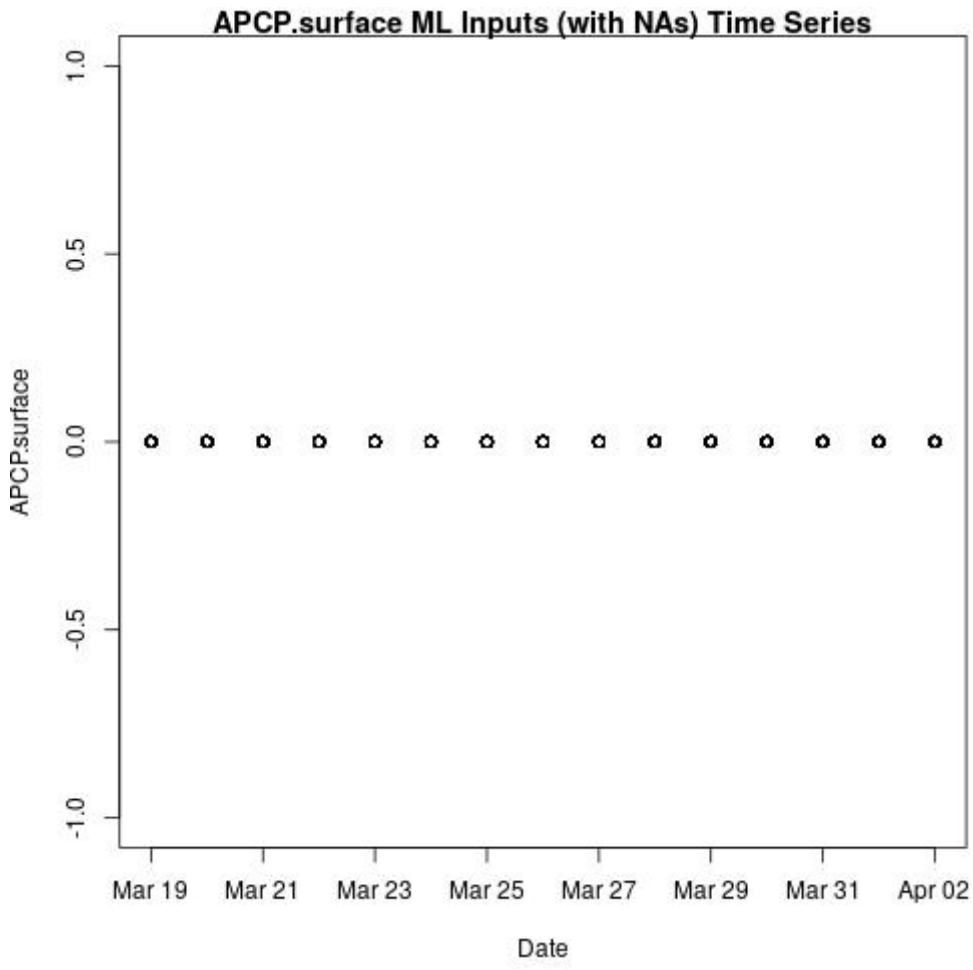

Figure 22: ML Inputs (with NAs) Time Series

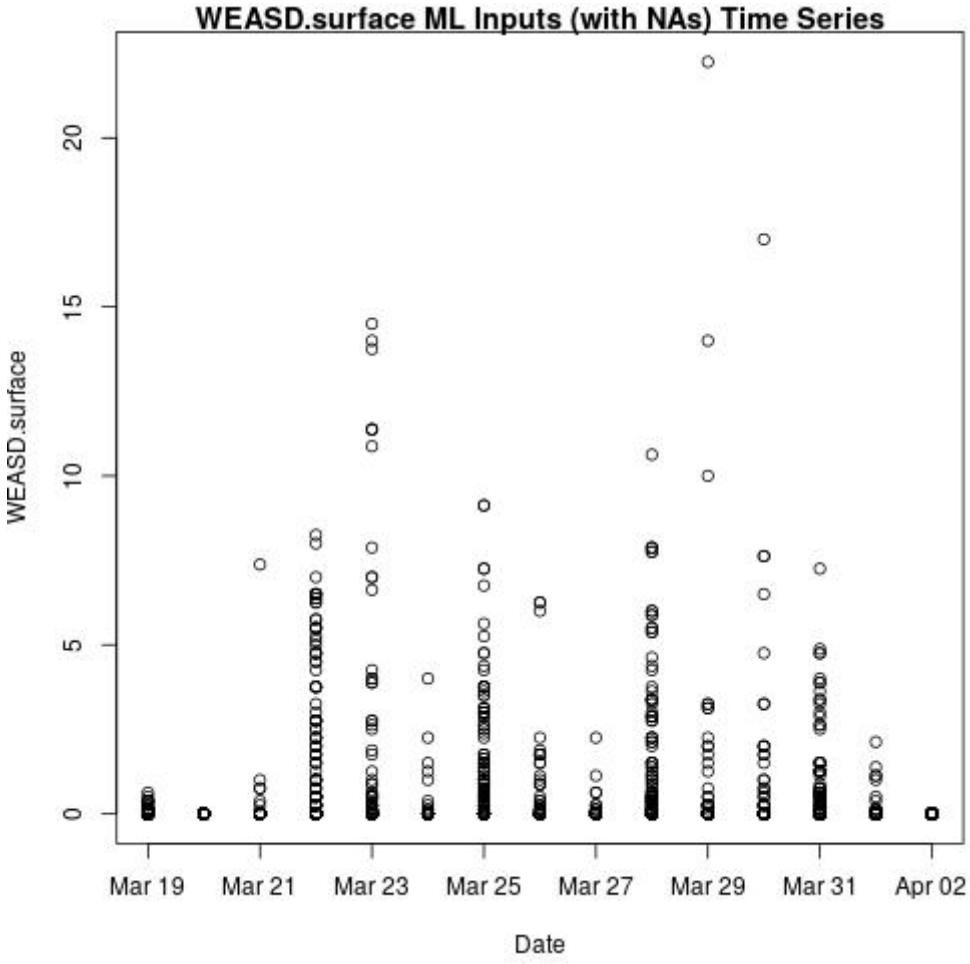

Figure 23: ML Inputs (with NAs) Time Series

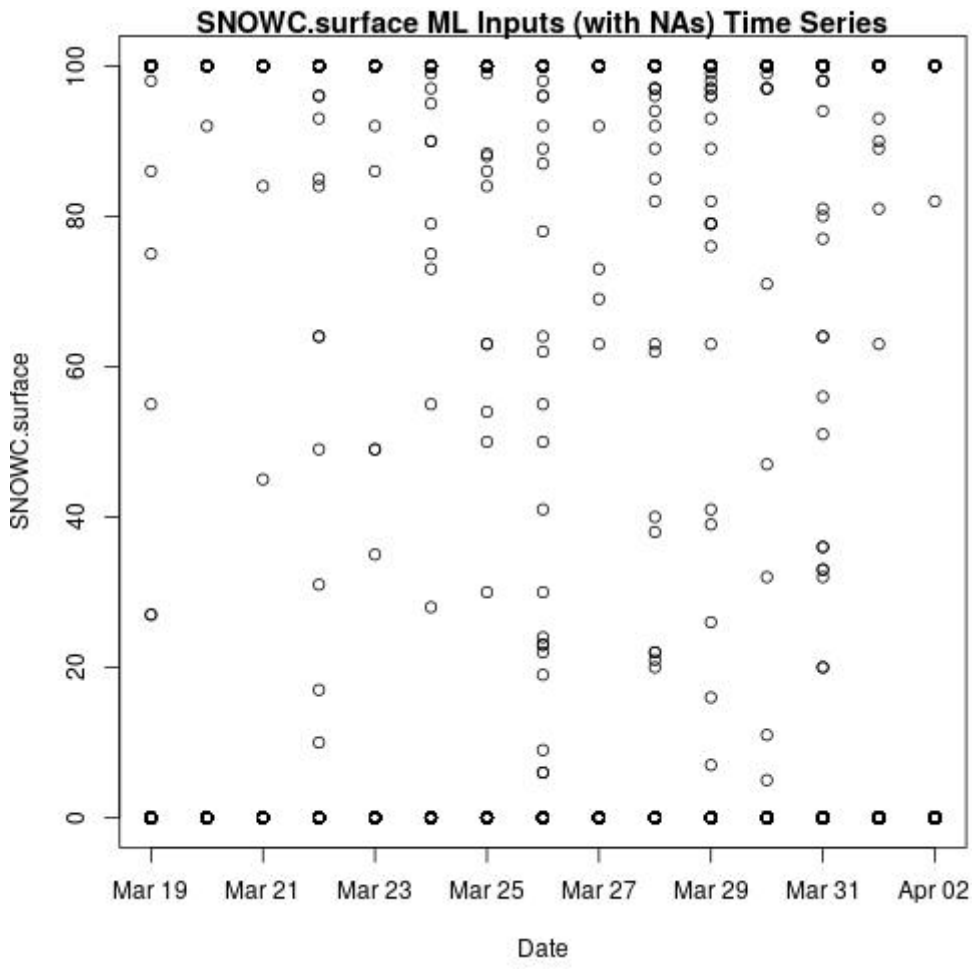

Figure 24: ML Inputs (with NAs) Time Series

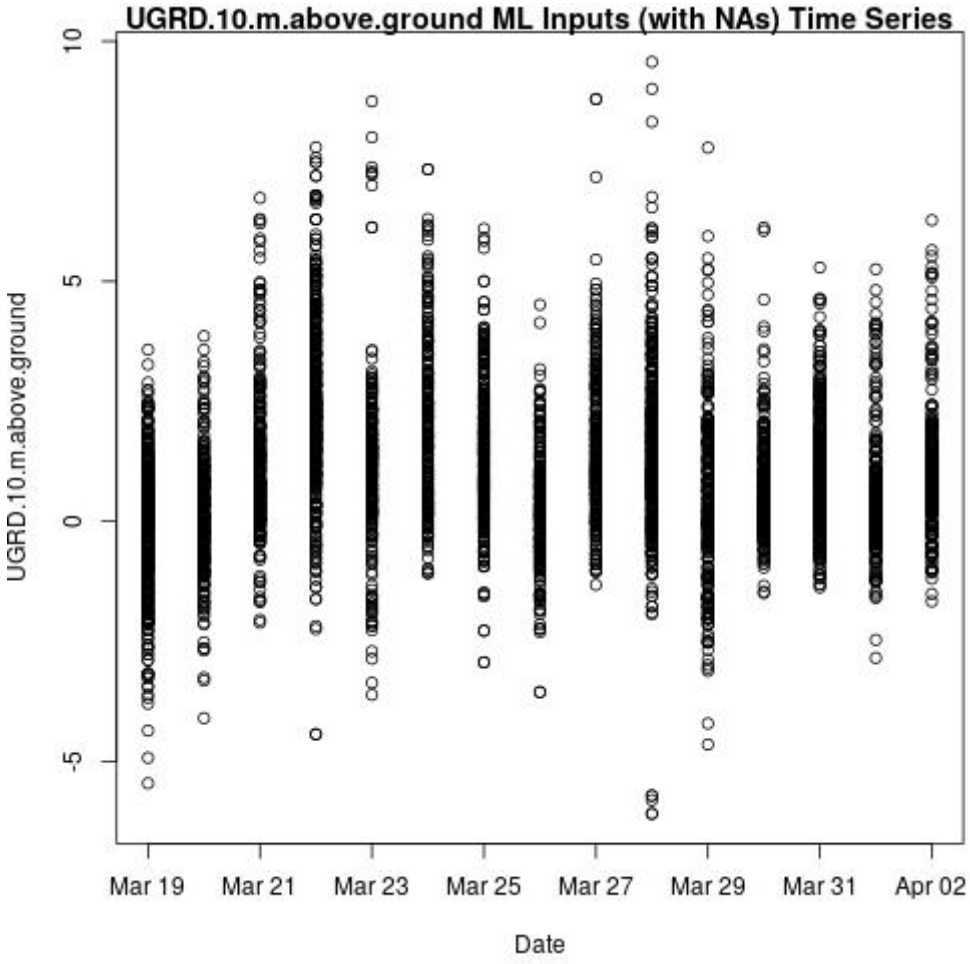

Figure 25: ML Inputs (with NAs) Time Series

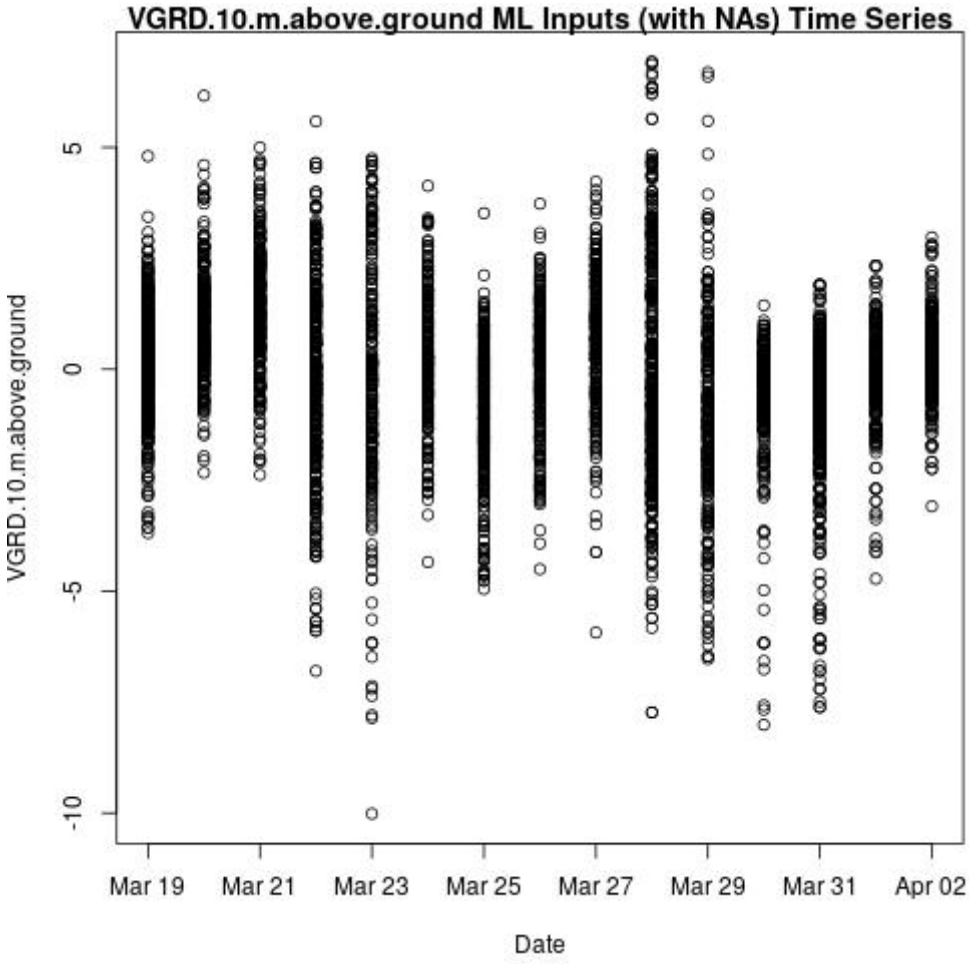

Figure 26: ML Inputs (with NAs) Time Series

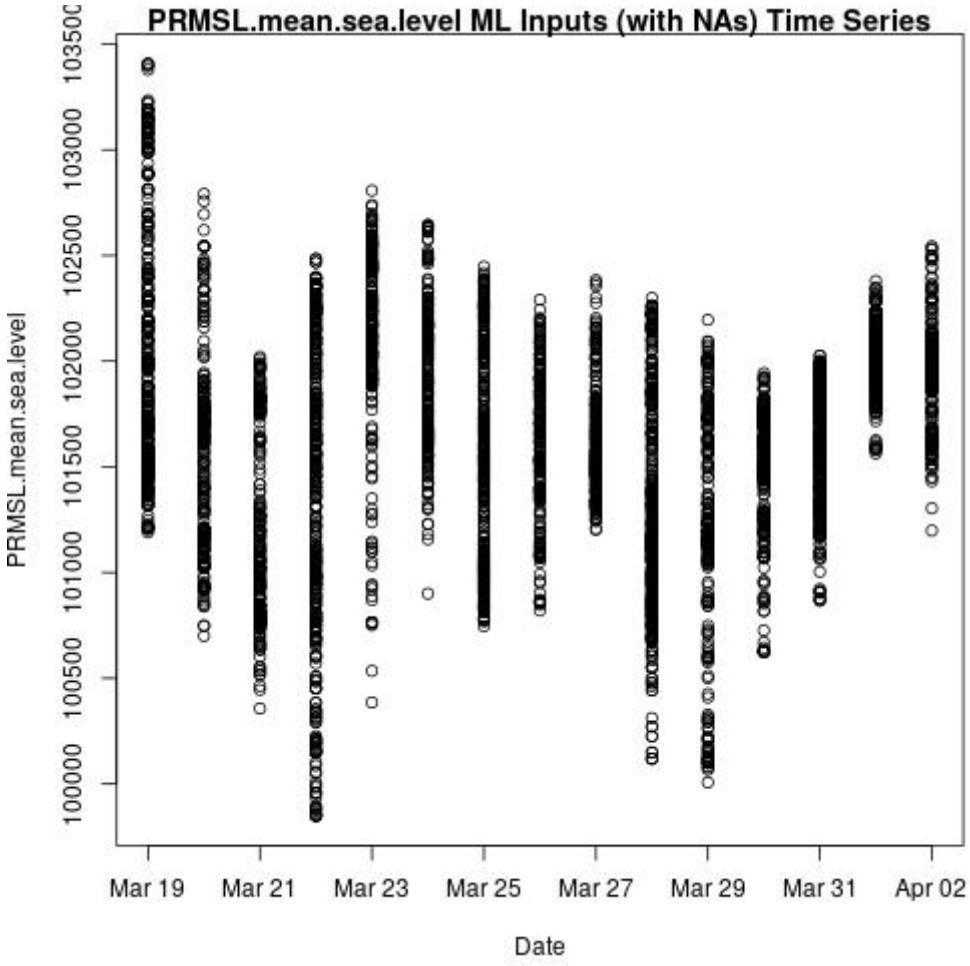

Figure 27: ML Inputs (with NAs) Time Series

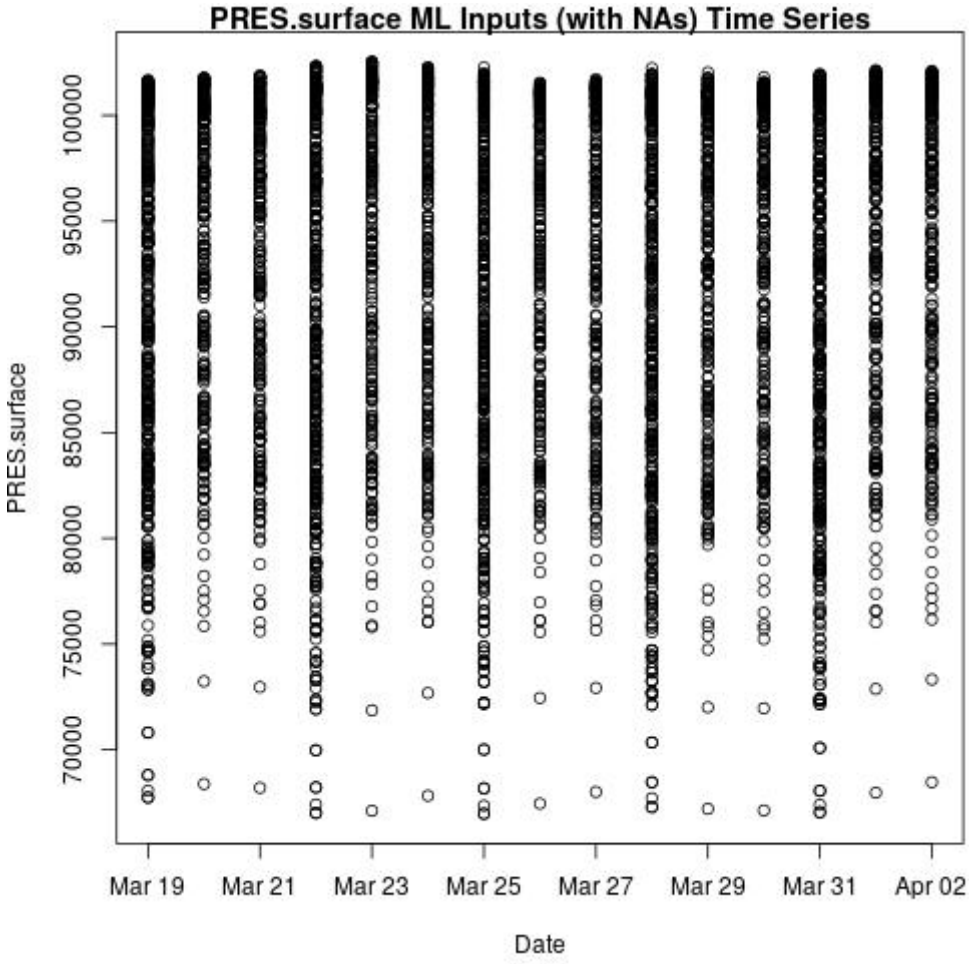

Figure 28: ML Inputs (with NAs) Time Series

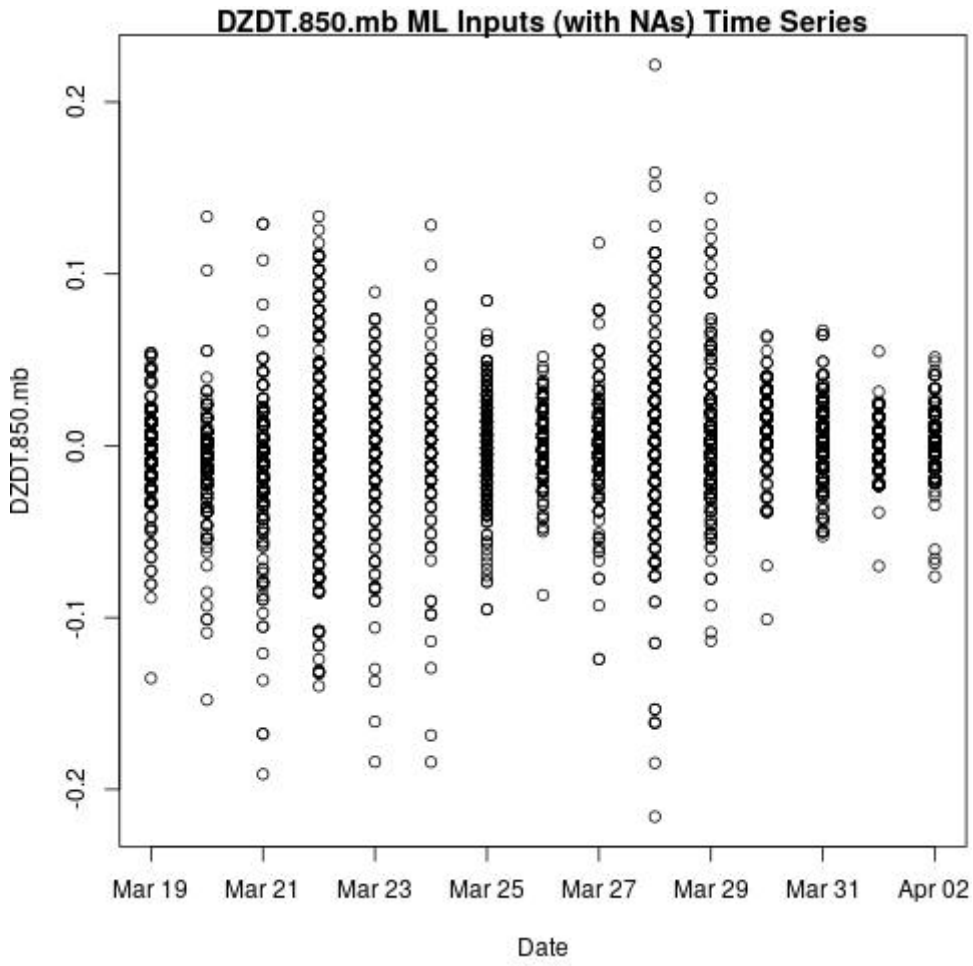

Figure 29: ML Inputs (with NAs) Time Series

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

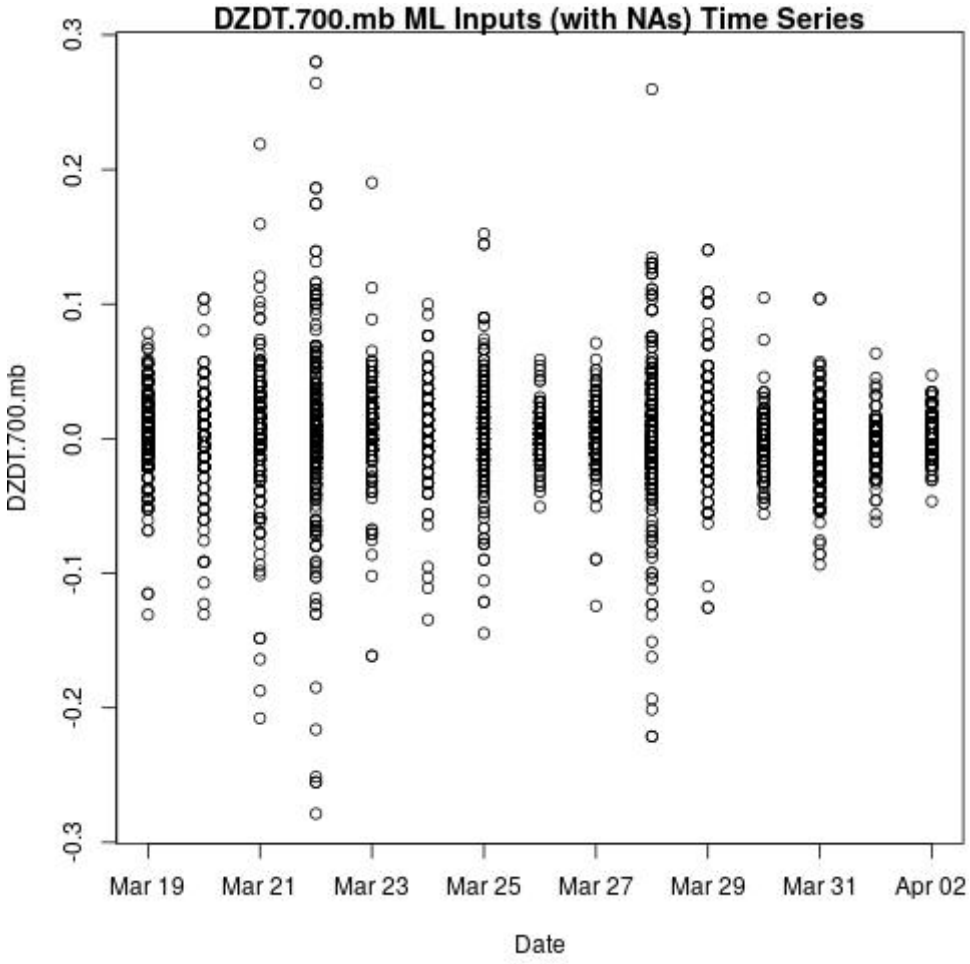

Figure 30: ML Inputs (with NAs) Time Series

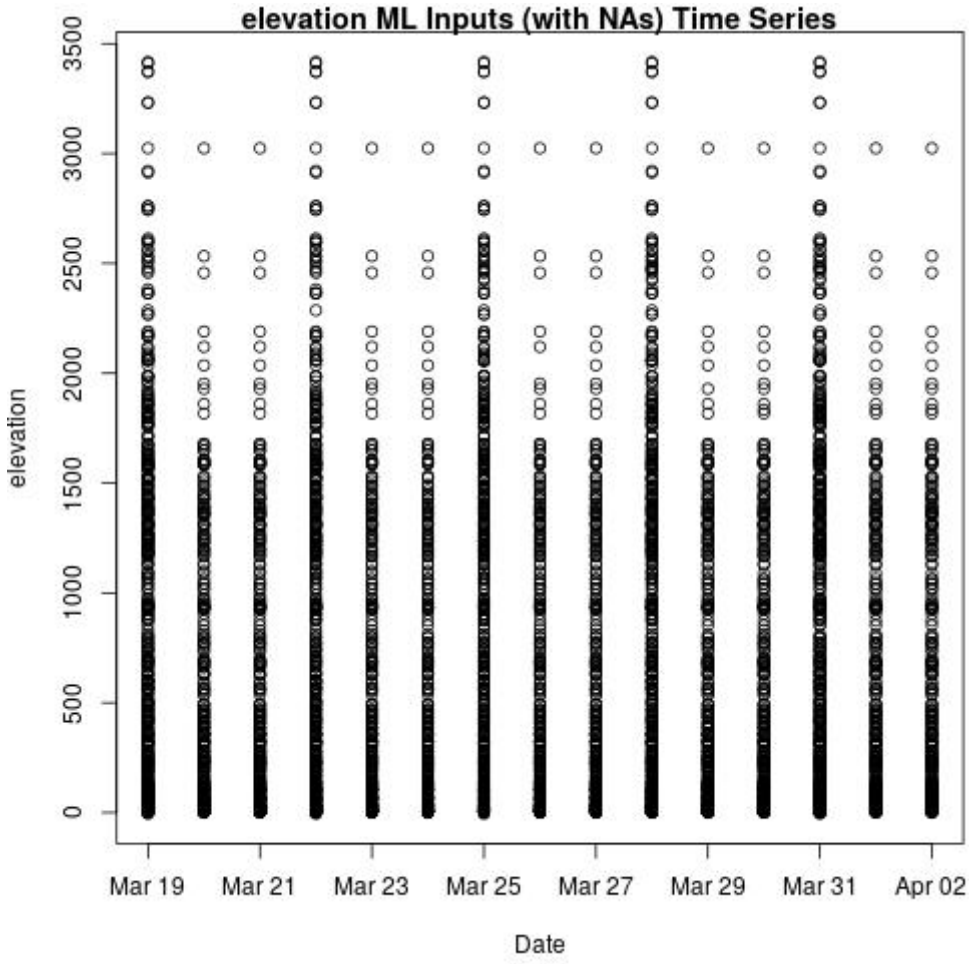

Figure 31: ML Inputs (with NAs) Time Series

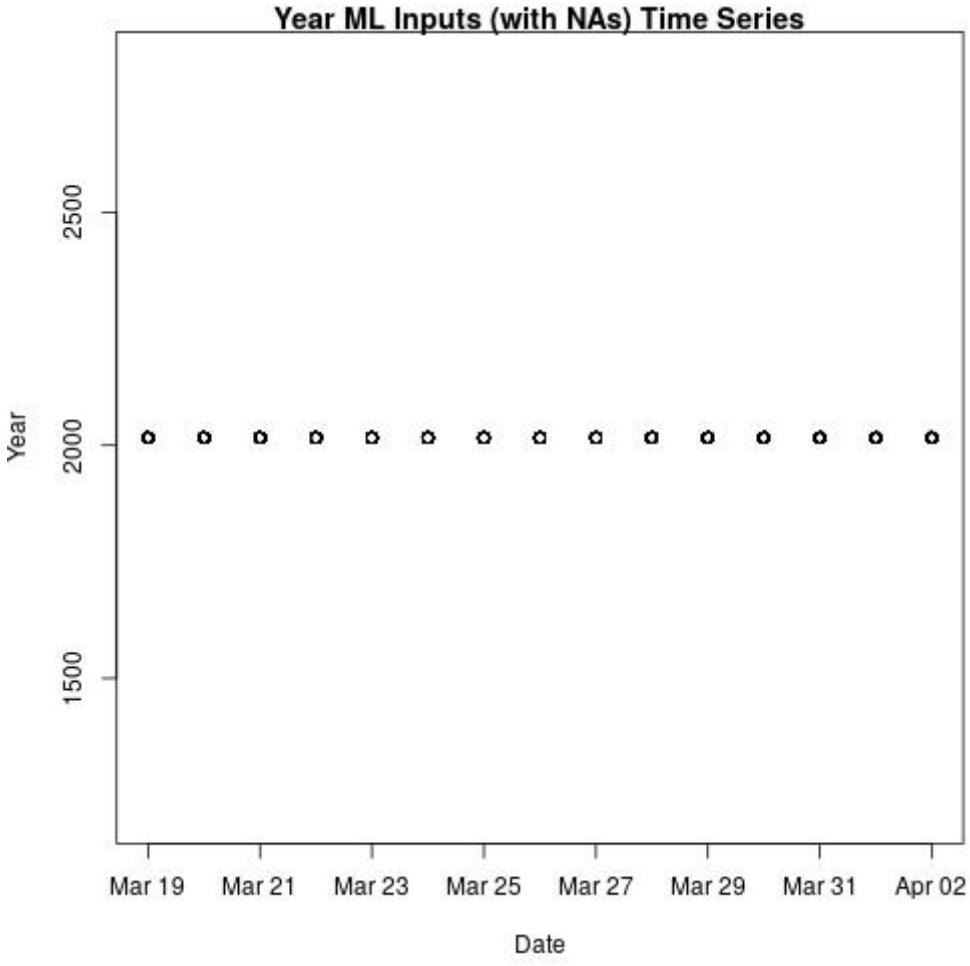

Figure 32: ML Inputs (with NAs) Time Series

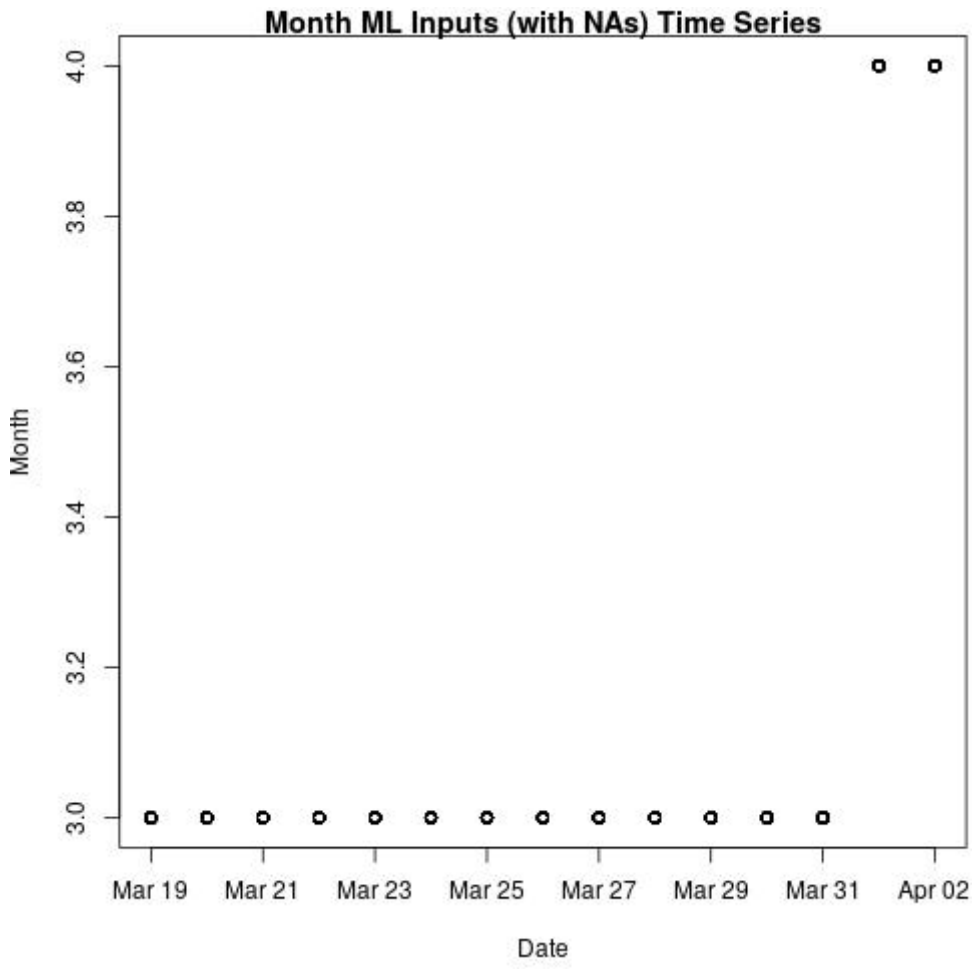

Figure 33: ML Inputs (with NAs) Time Series

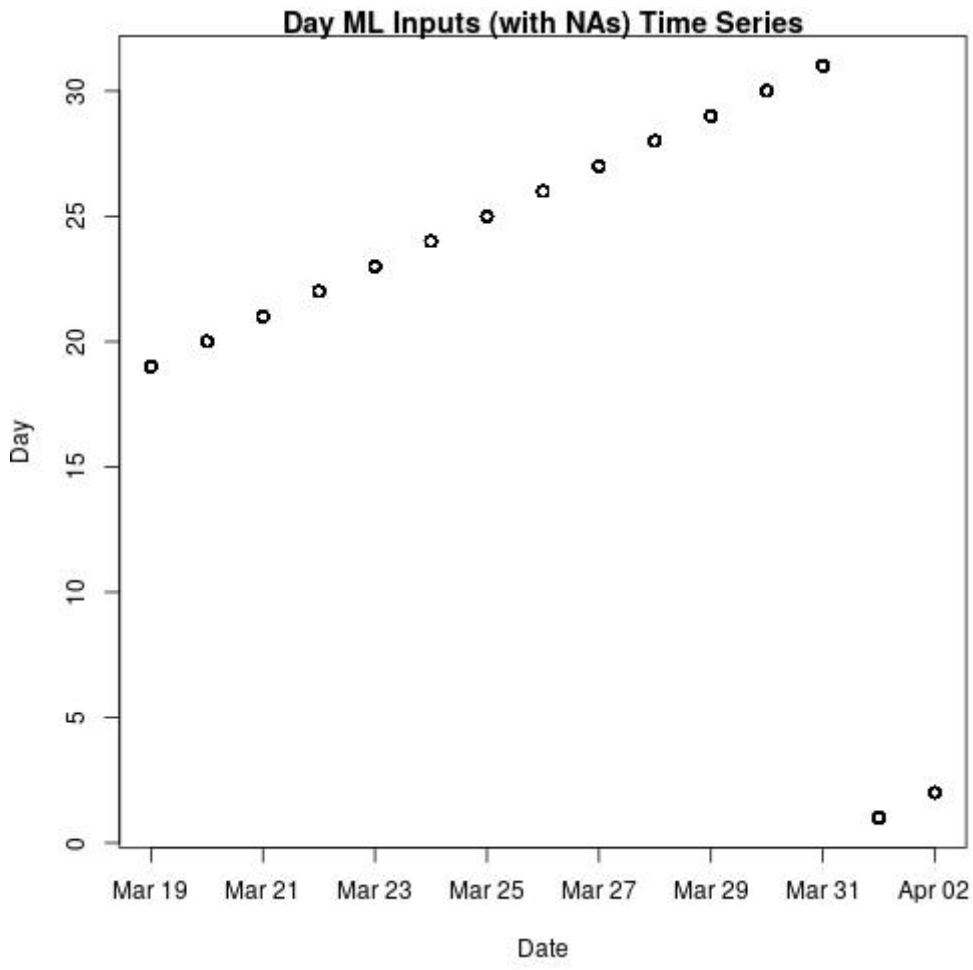

Figure 34: ML Inputs (with NAs) Time Series

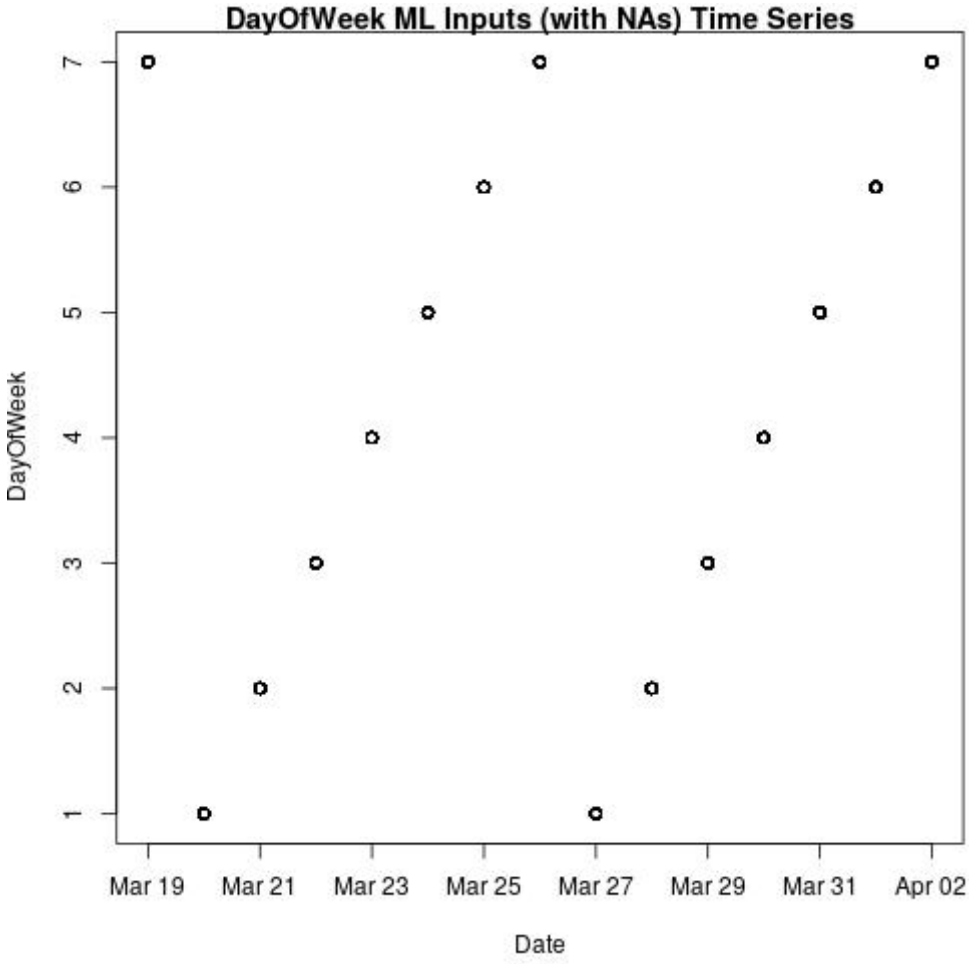

Figure 35: ML Inputs (with NAs) Time Series

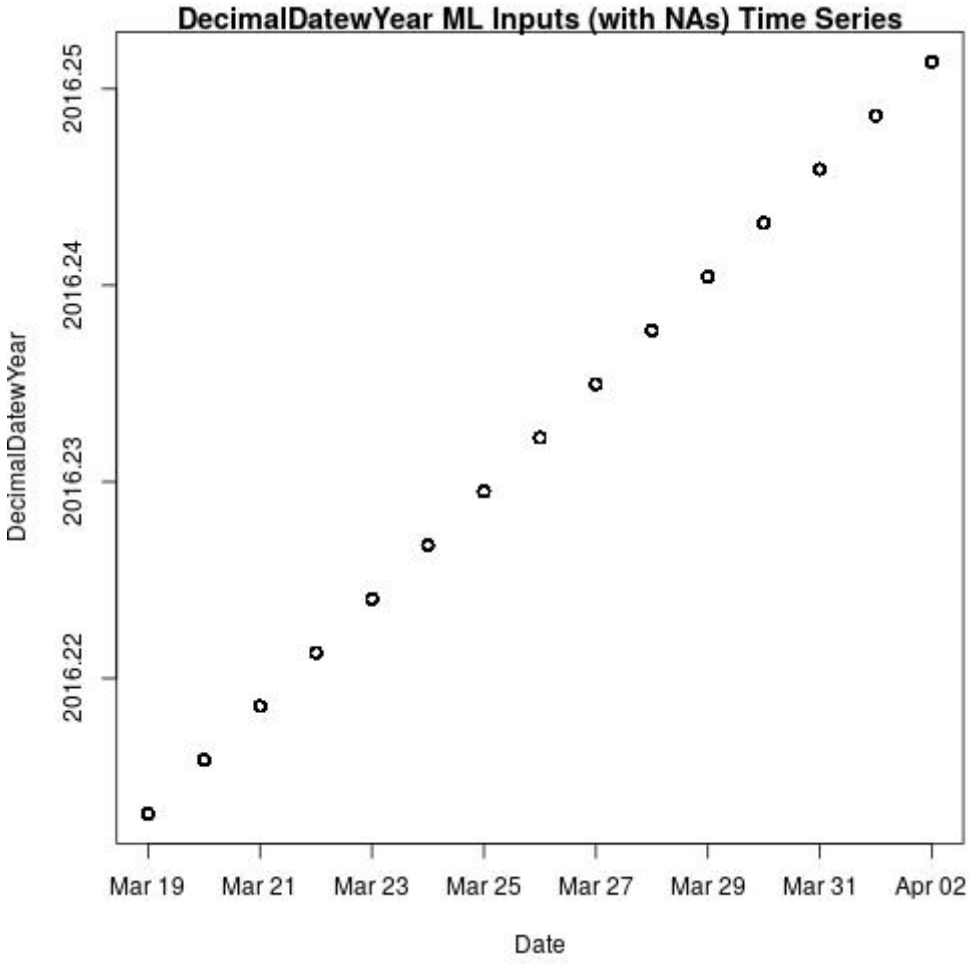

Figure 36: ML Inputs (with NAs) Time Series

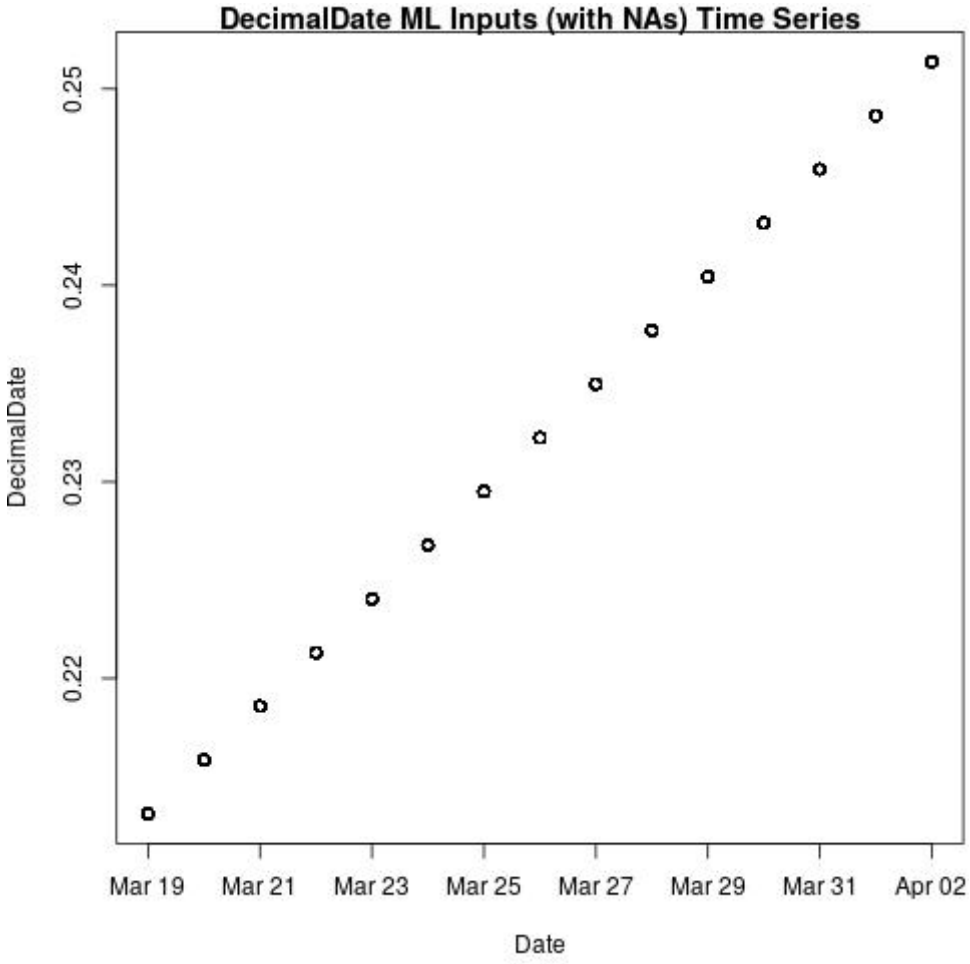

Figure 37: ML Inputs (with NAs) Time Series

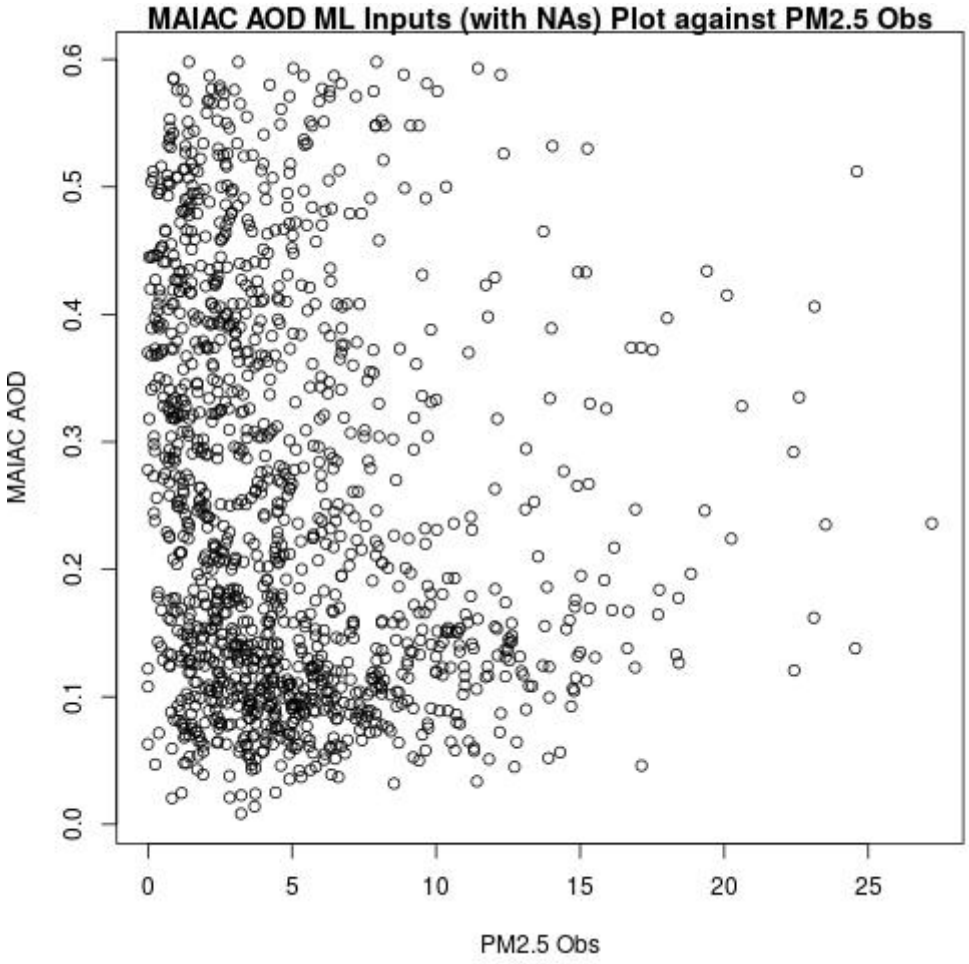

Figure 38: ML Inputs (with NAs) Plot against PM2.5 Obs

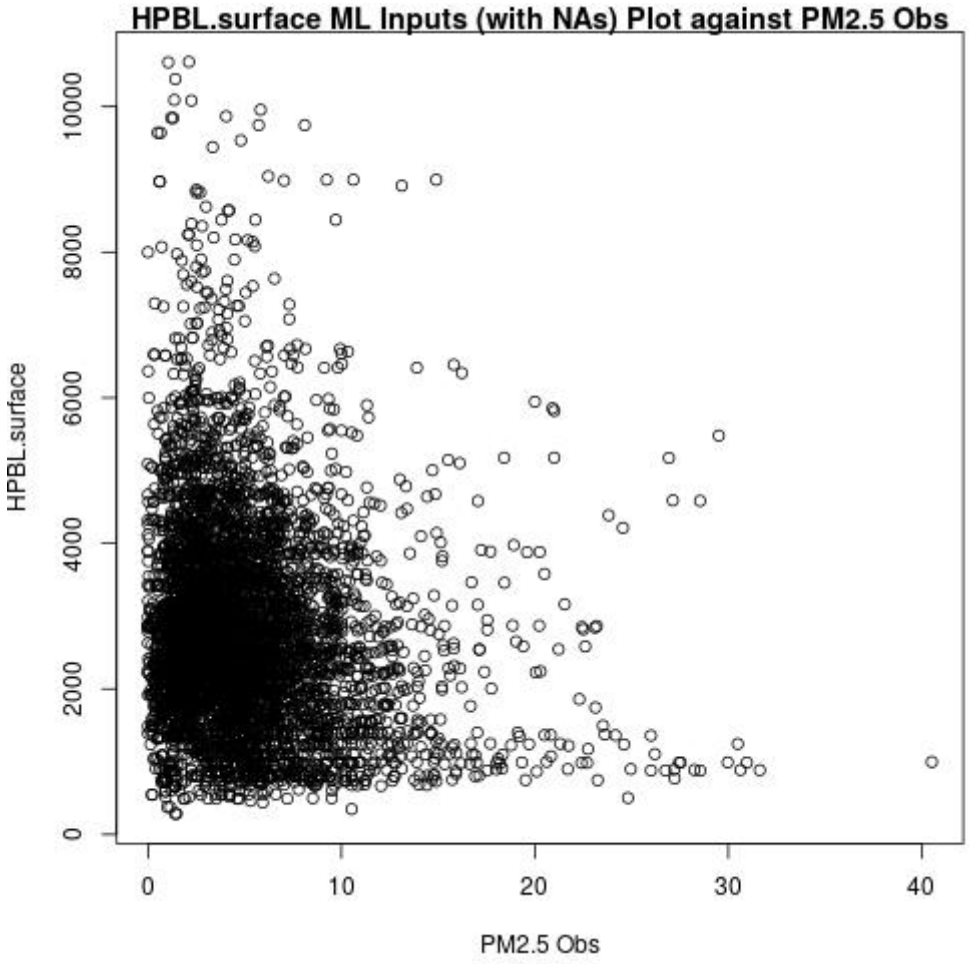

Figure 39: ML Inputs (with NAs) Plot against PM2.5 Obs

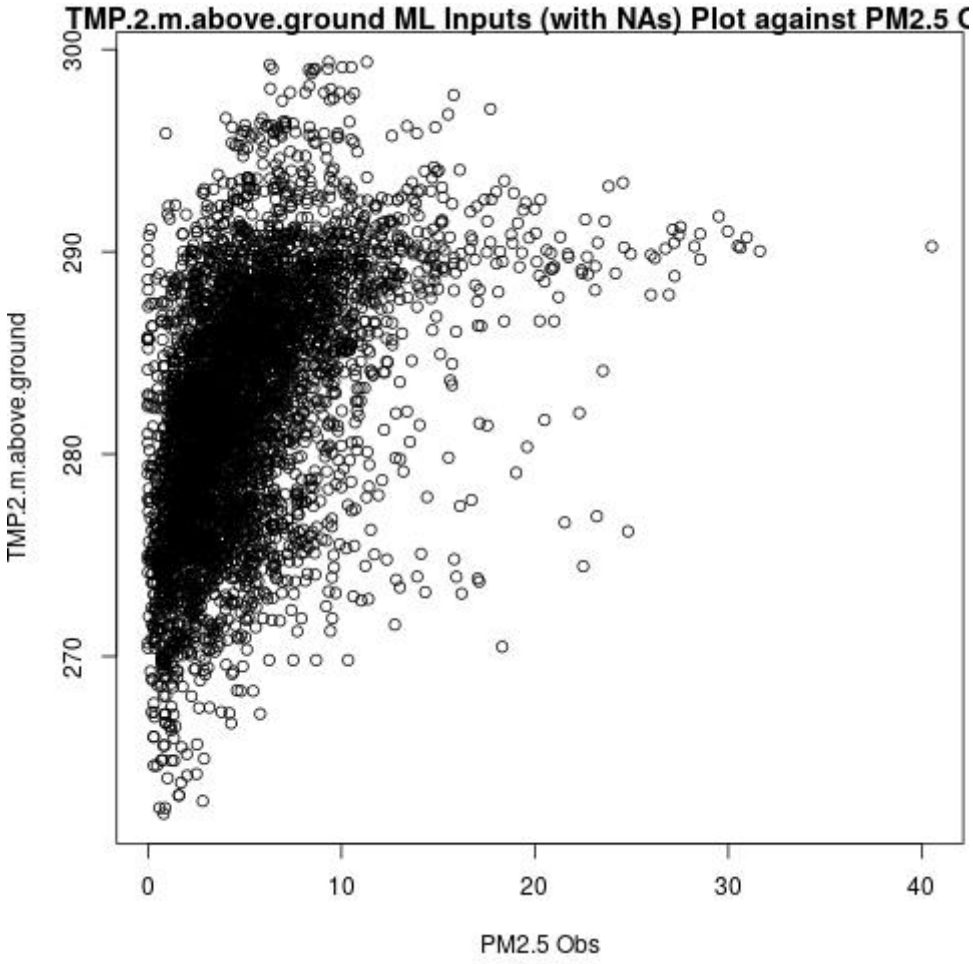

Figure 40: ML Inputs (with NAs) Plot against PM2.5 Obs

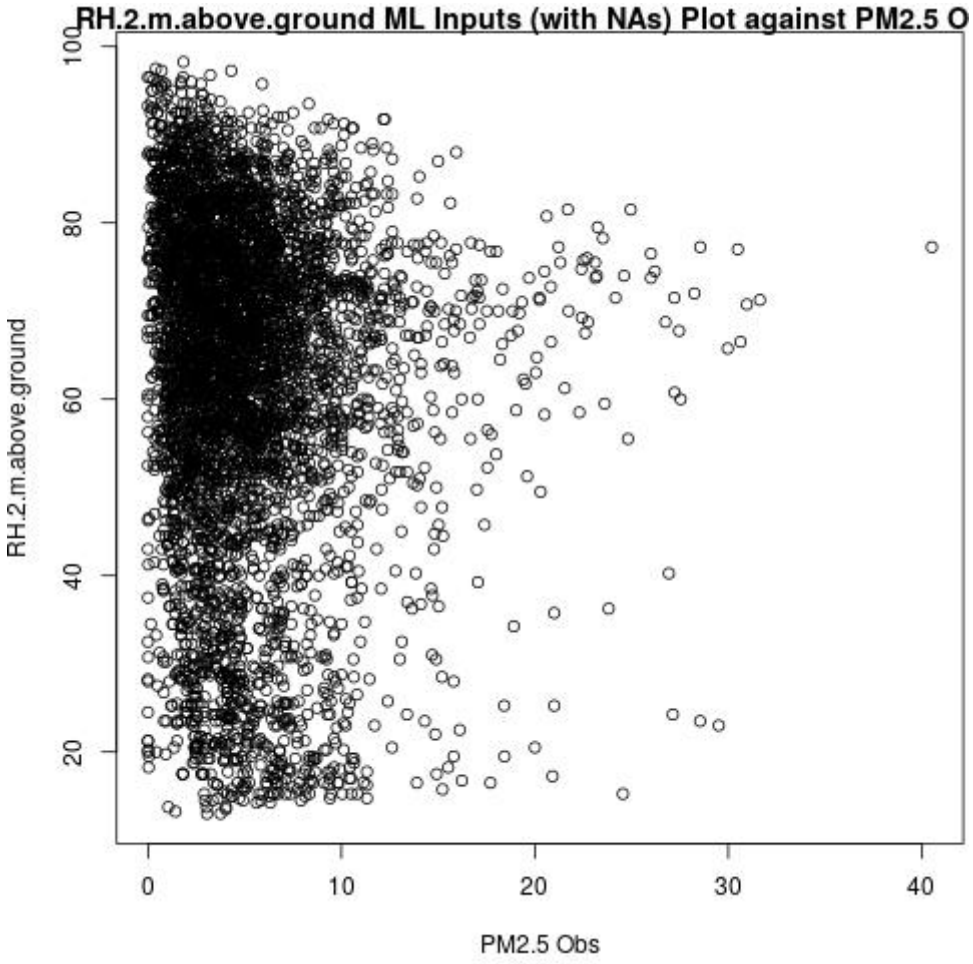

Figure 41: ML Inputs (with NAs) Plot against PM2.5 Obs

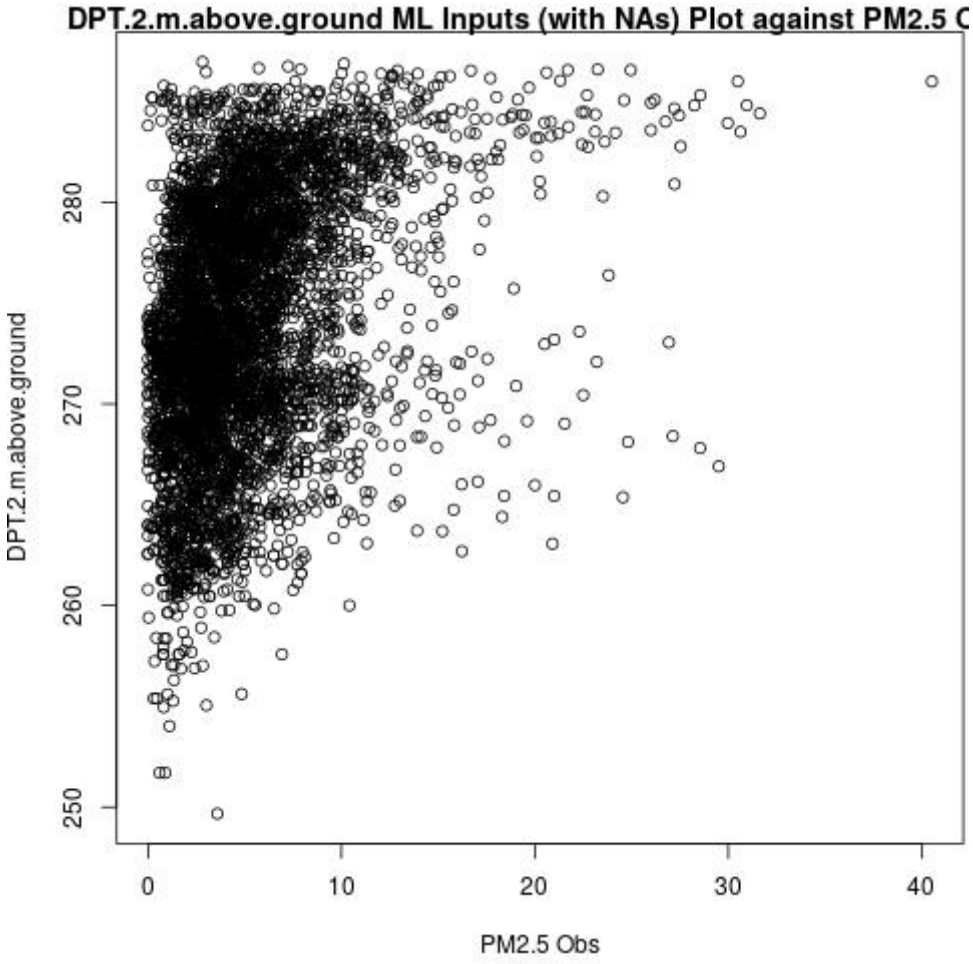

Figure 42: ML Inputs (with NAs) Plot against PM2.5 Obs

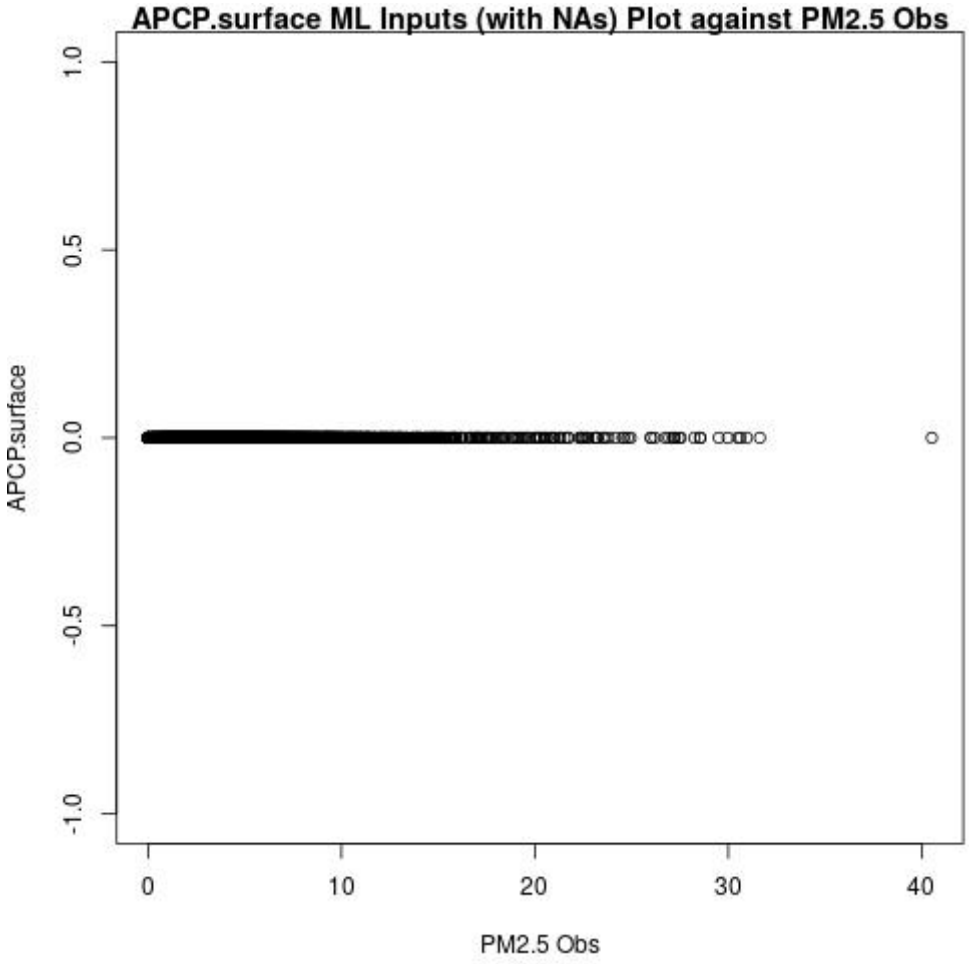

Figure 43: ML Inputs (with NAs) Plot against PM2.5 Obs

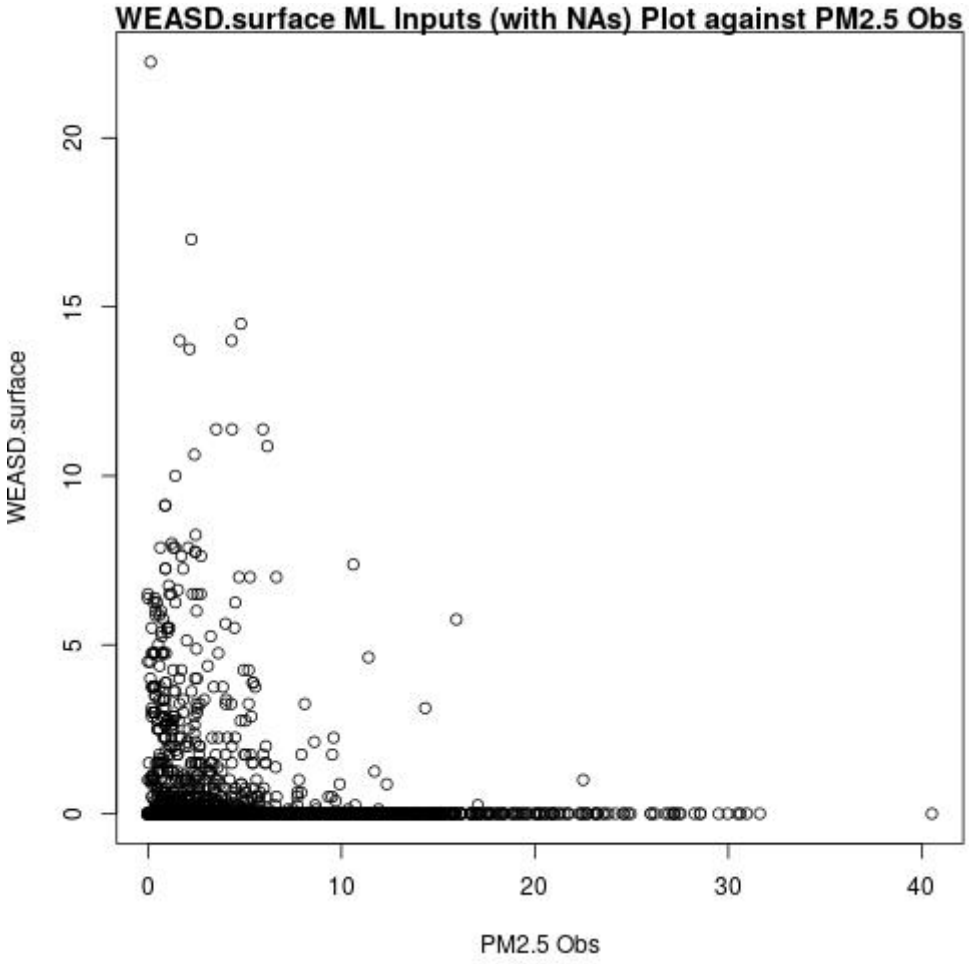

Figure 44: ML Inputs (with NAs) Plot against PM2.5 Obs

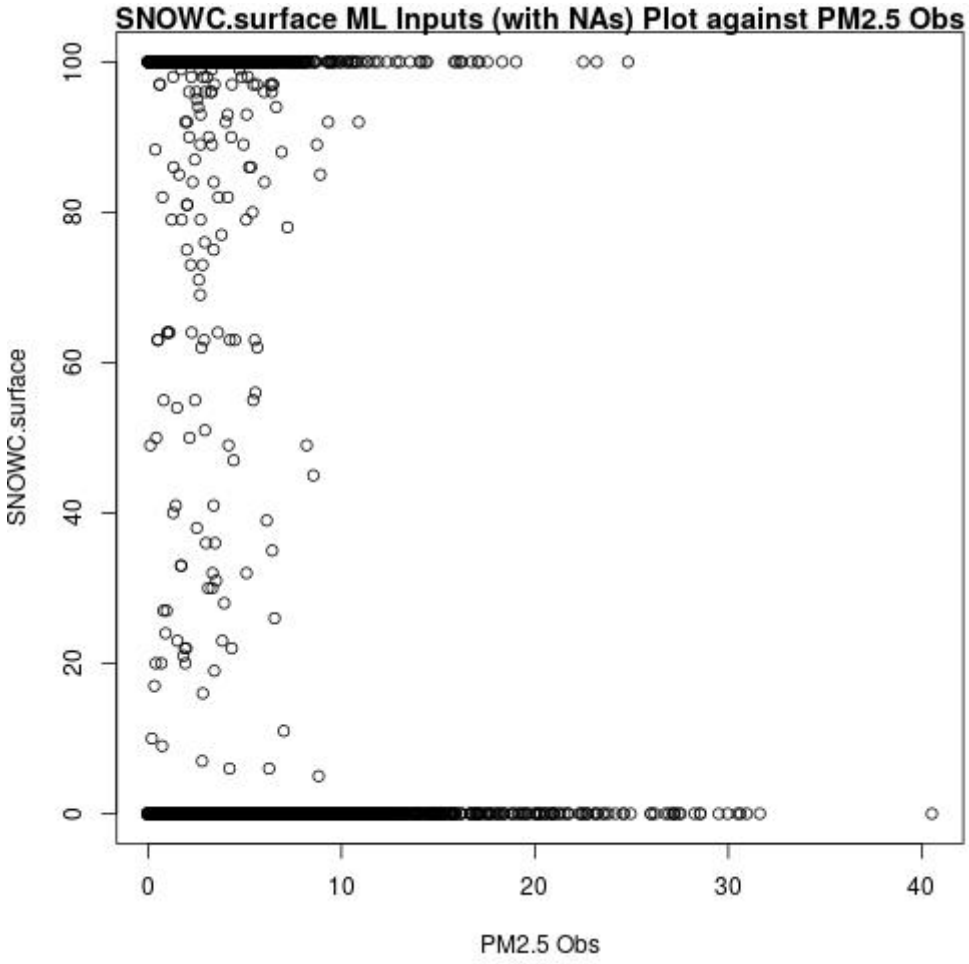

Figure 45: ML Inputs (with NAs) Plot against PM2.5 Obs

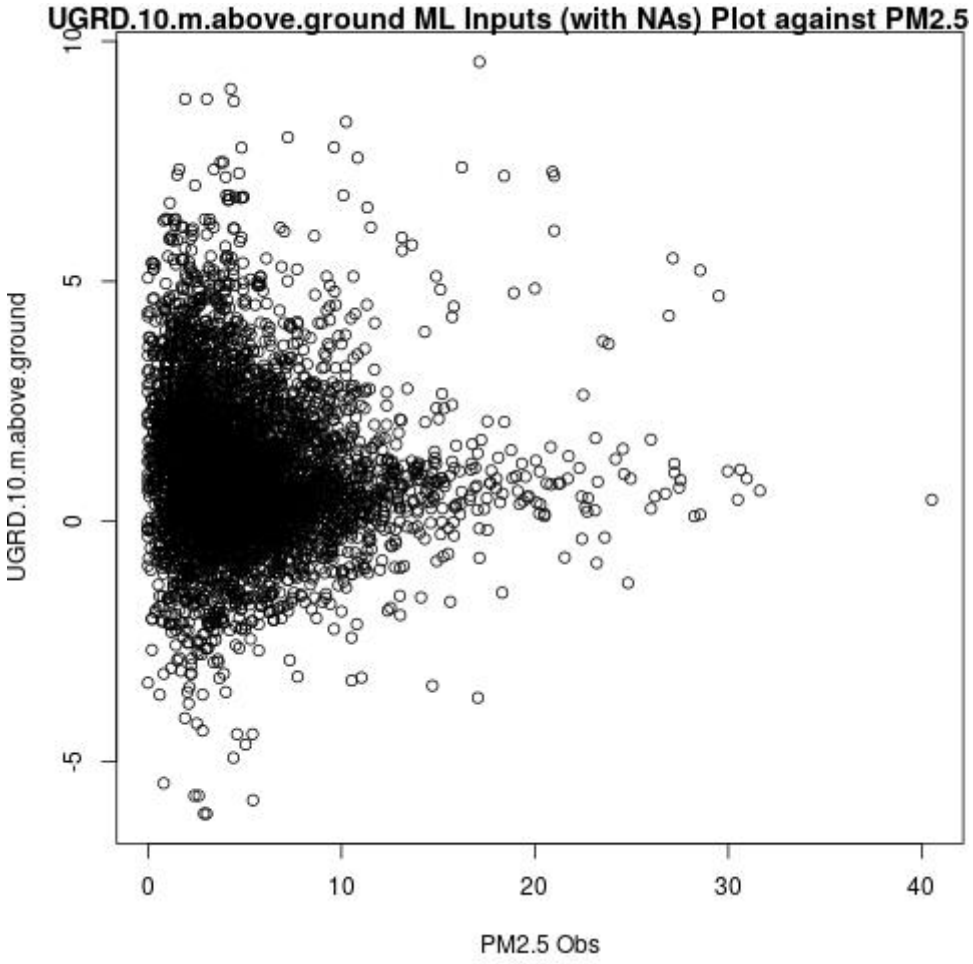

Figure 46: ML Inputs (with NAs) Plot against PM2.5 Obs

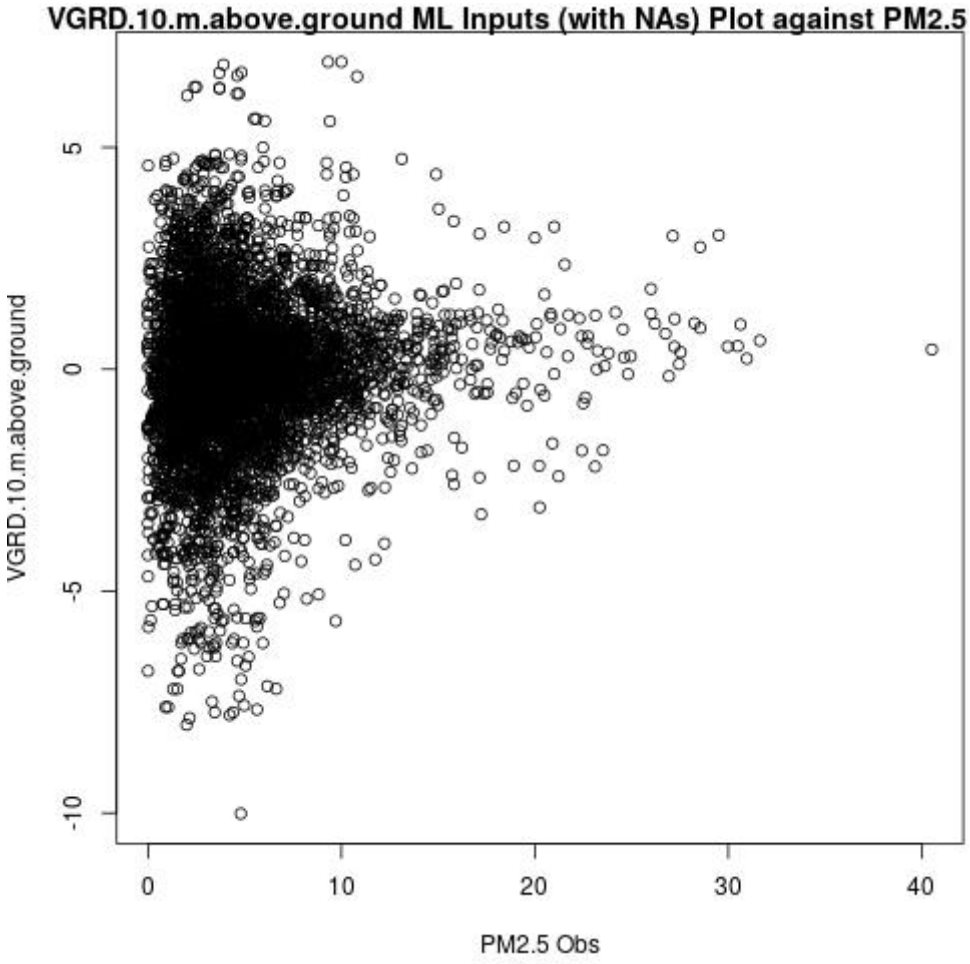

Figure 47: ML Inputs (with NAs) Plot against PM2.5 Obs

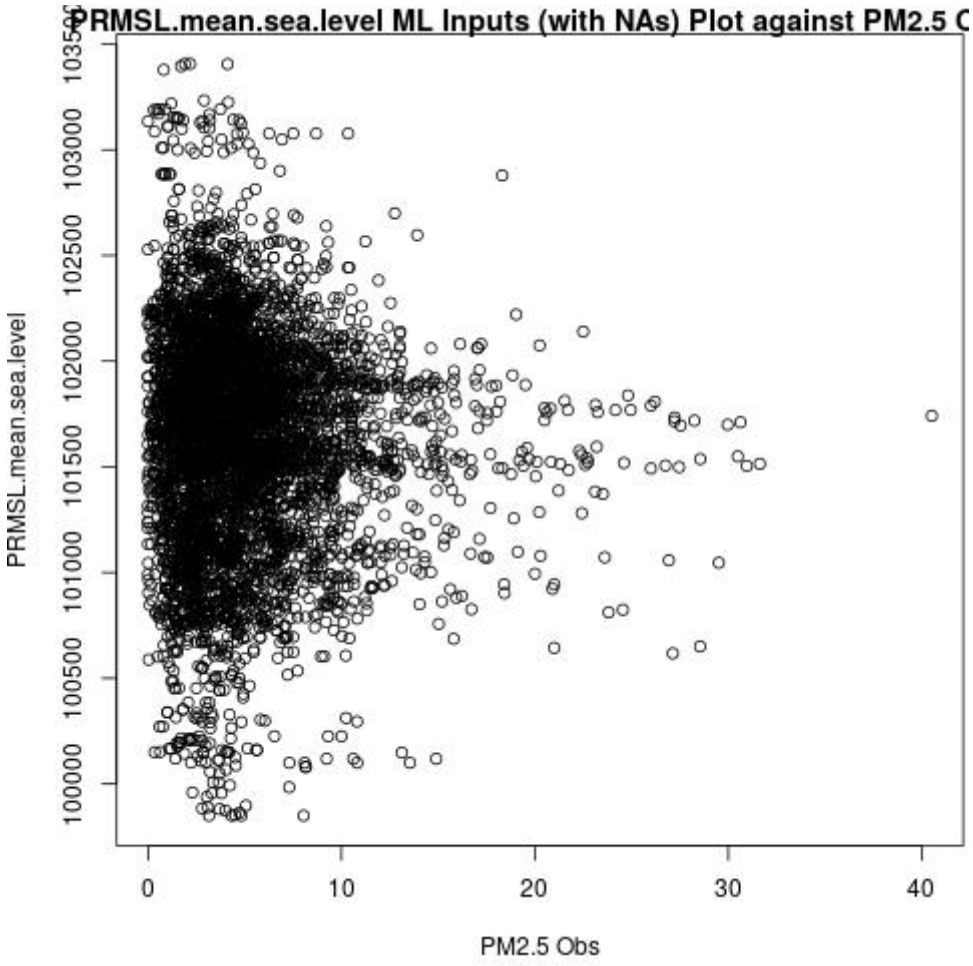

Figure 48: ML Inputs (with NAs) Plot against PM2.5 Obs

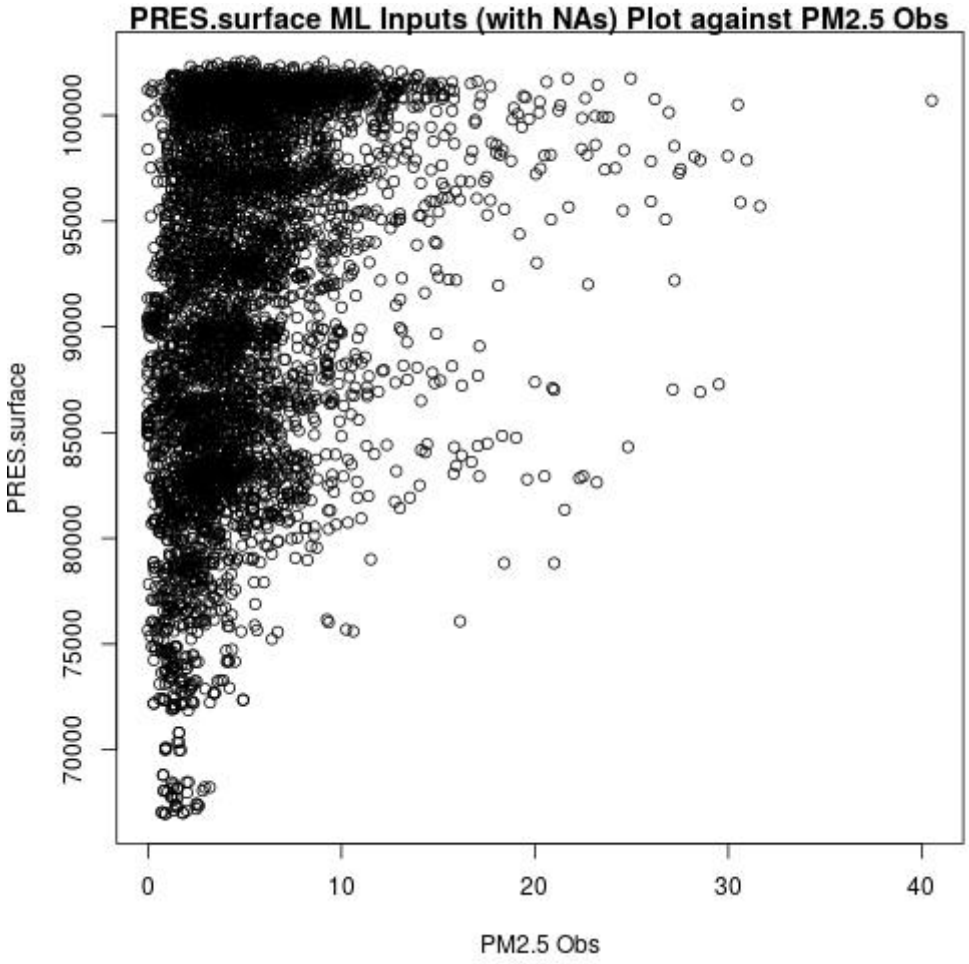

Figure 49: ML Inputs (with NAs) Plot against PM2.5 Obs

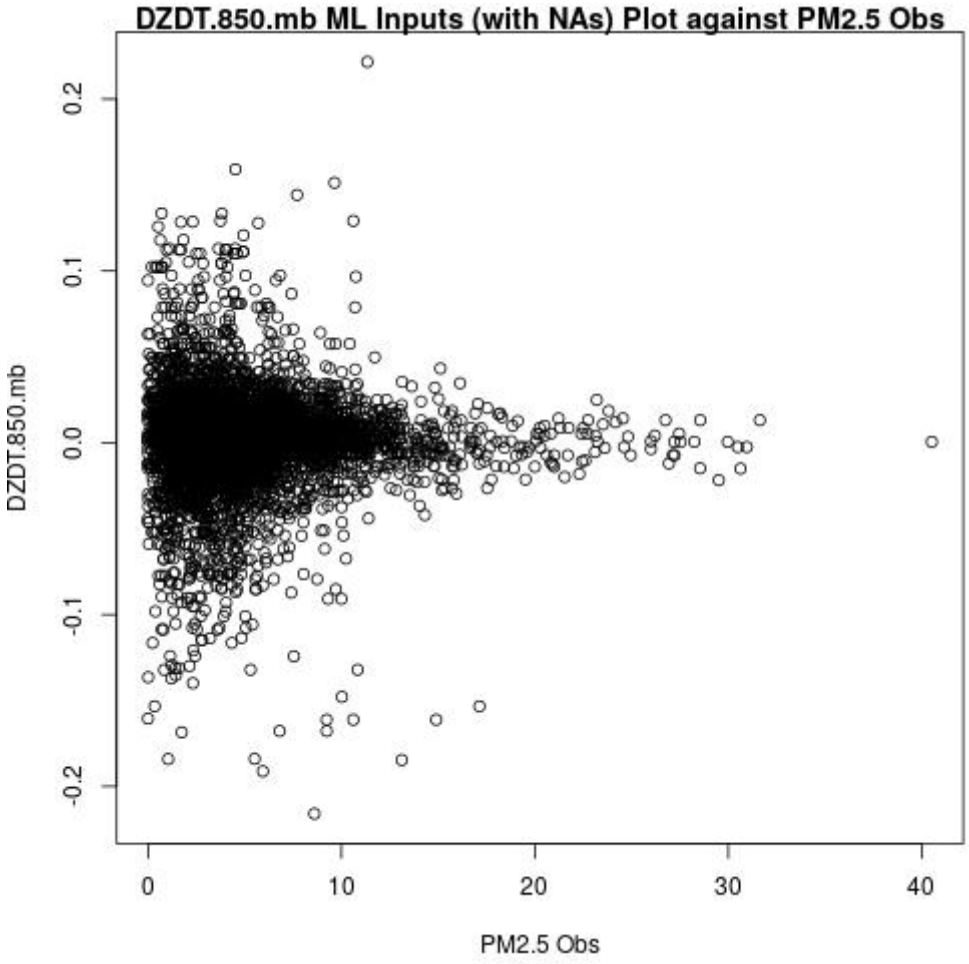

Figure 50: ML Inputs (with NAs) Plot against PM2.5 Obs

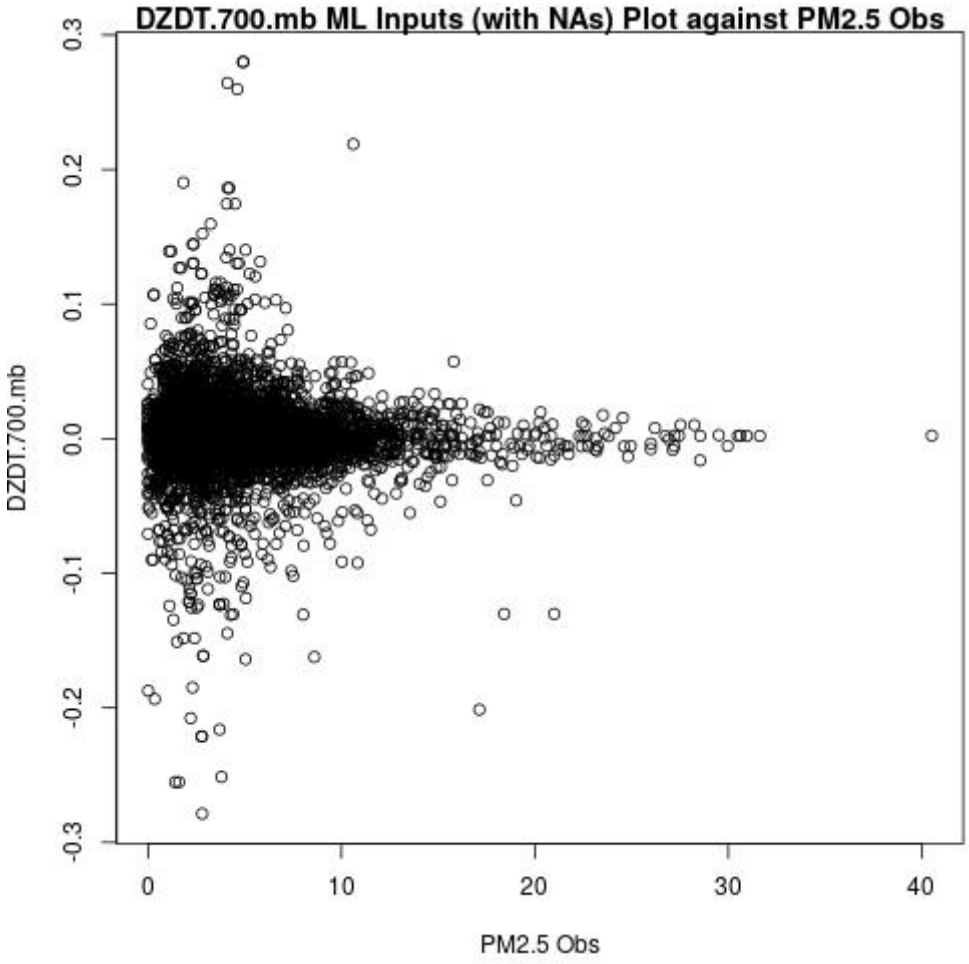

Figure 51: ML Inputs (with NAs) Plot against PM2.5 Obs

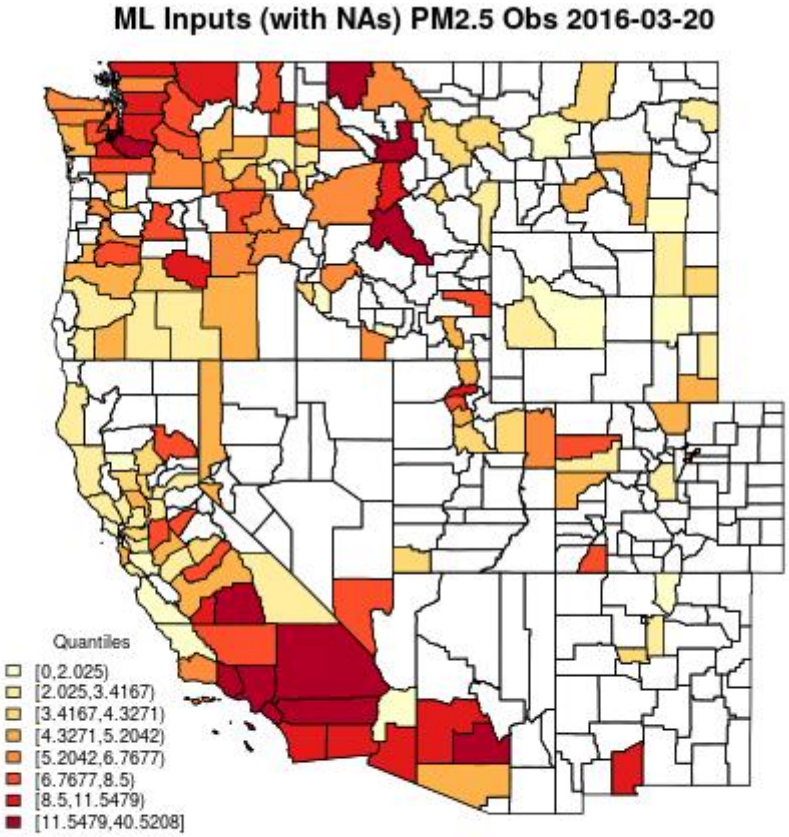

Figure 52: ML Inputs (with NAs) PM2.5 Obs 2016-03-20

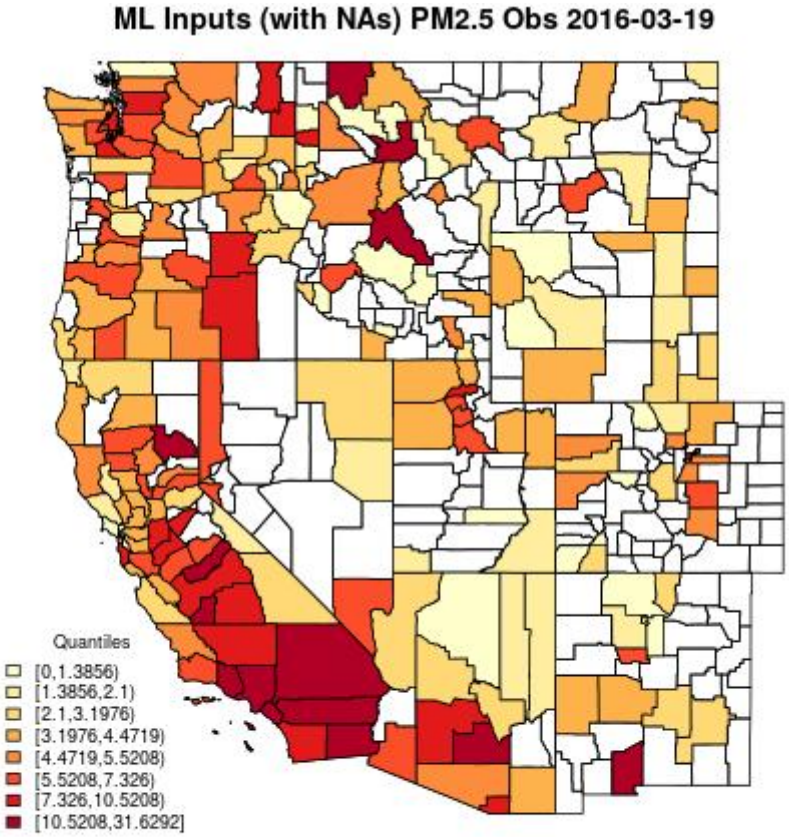

Figure 53: ML Inputs (with NAs) PM2.5 Obs 2016-03-19

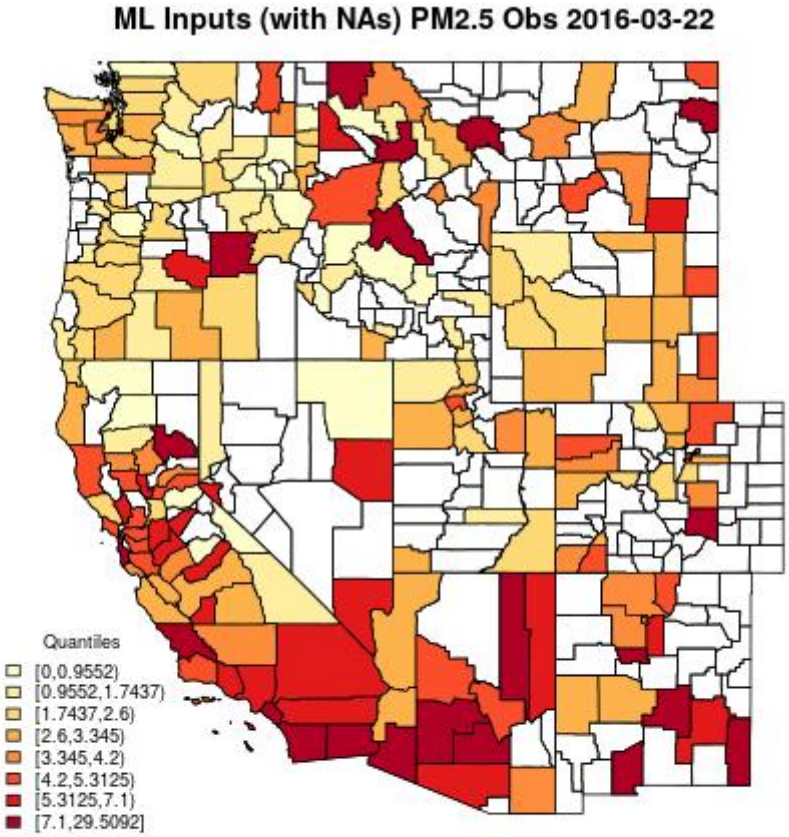

Figure 54: ML Inputs (with NAs) PM2.5 Obs 2016-03-22

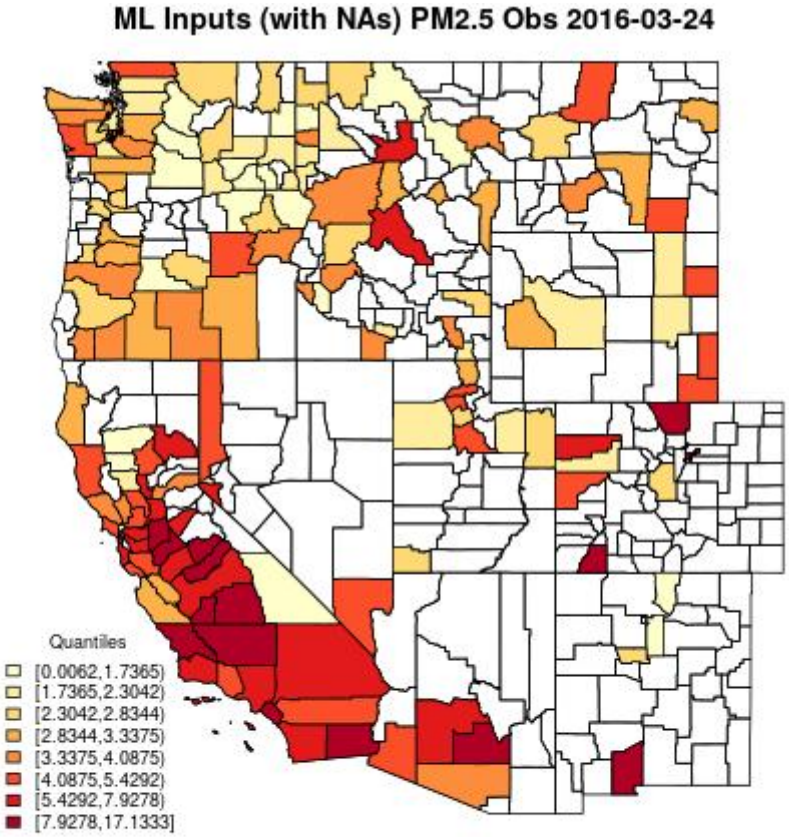

Figure 55: ML Inputs (with NAs) PM2.5 Obs 2016-03-24

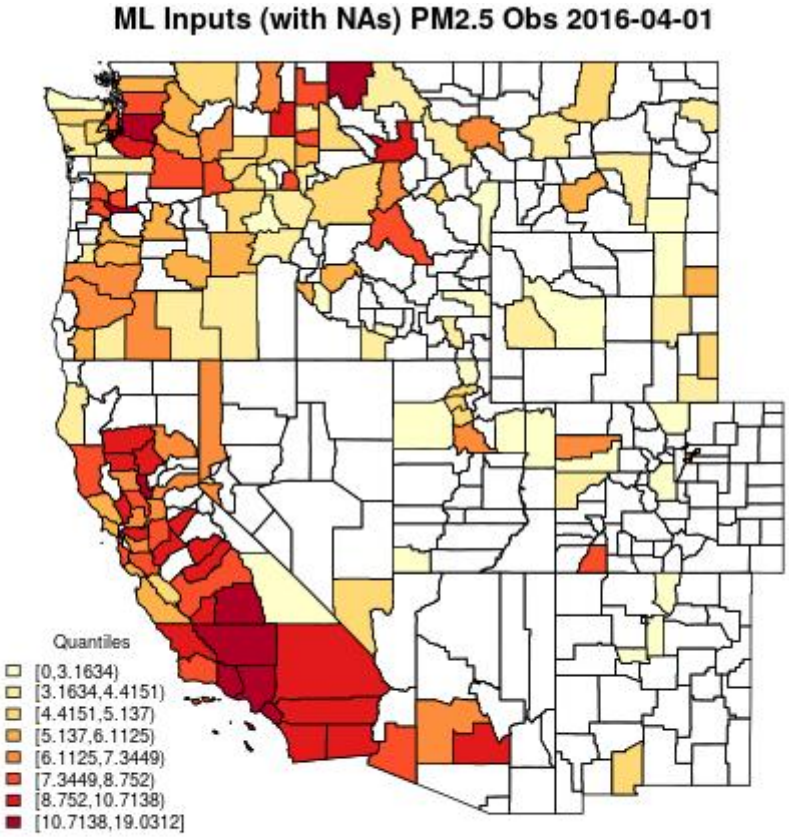

Figure 56: ML Inputs (with NAs) PM2.5 Obs 2016-04-01

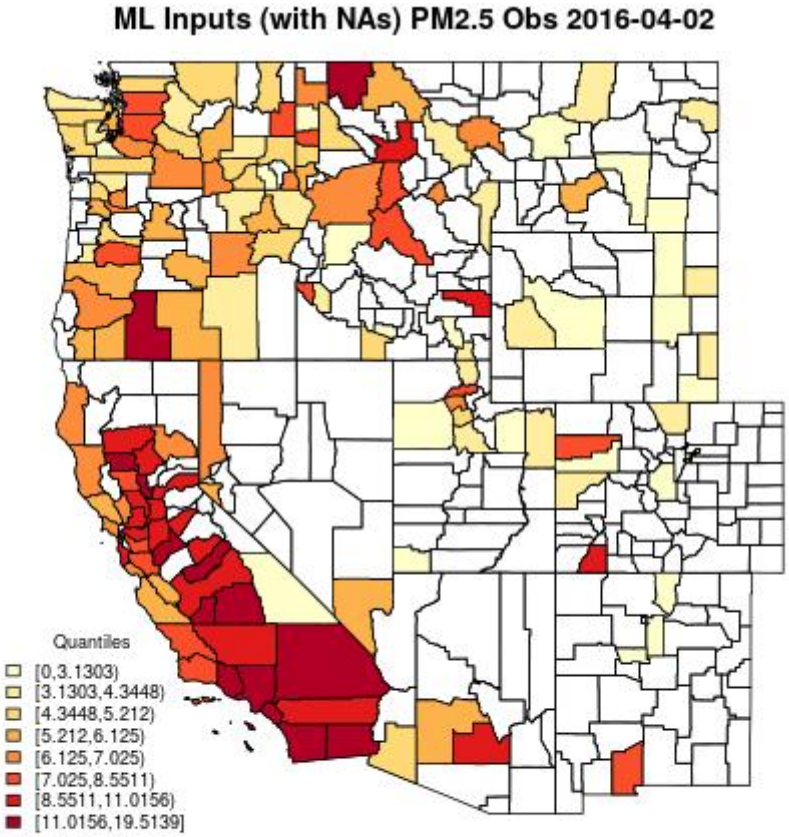

Figure 57: ML Inputs (with NAs) PM2.5 Obs 2016-04-02

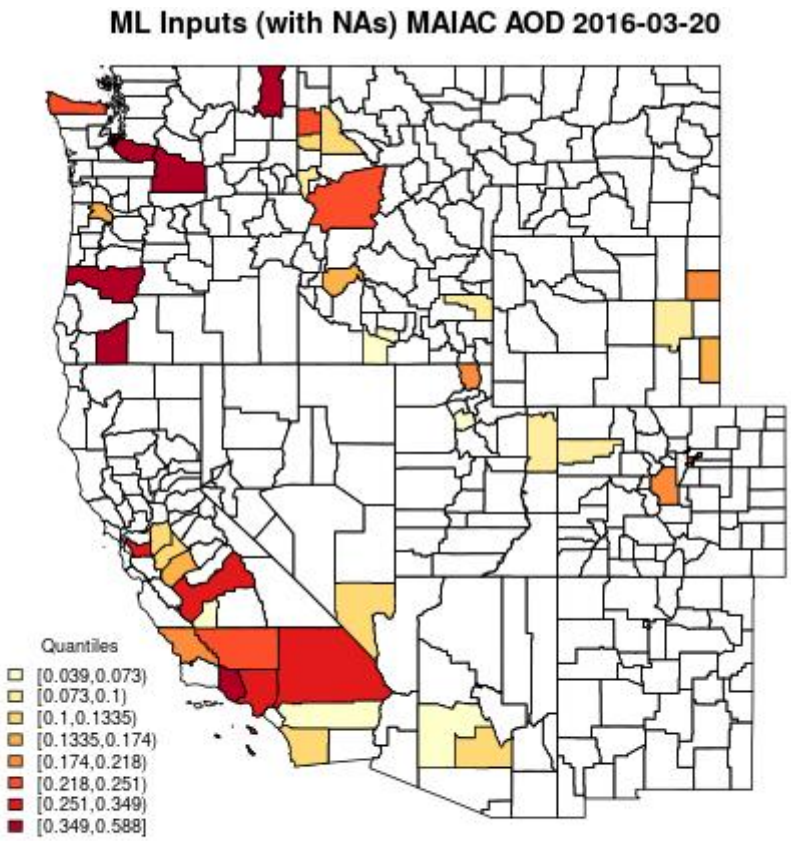

Figure 58: ML Inputs (with NAs) MAIAC AOD 2016-03-20

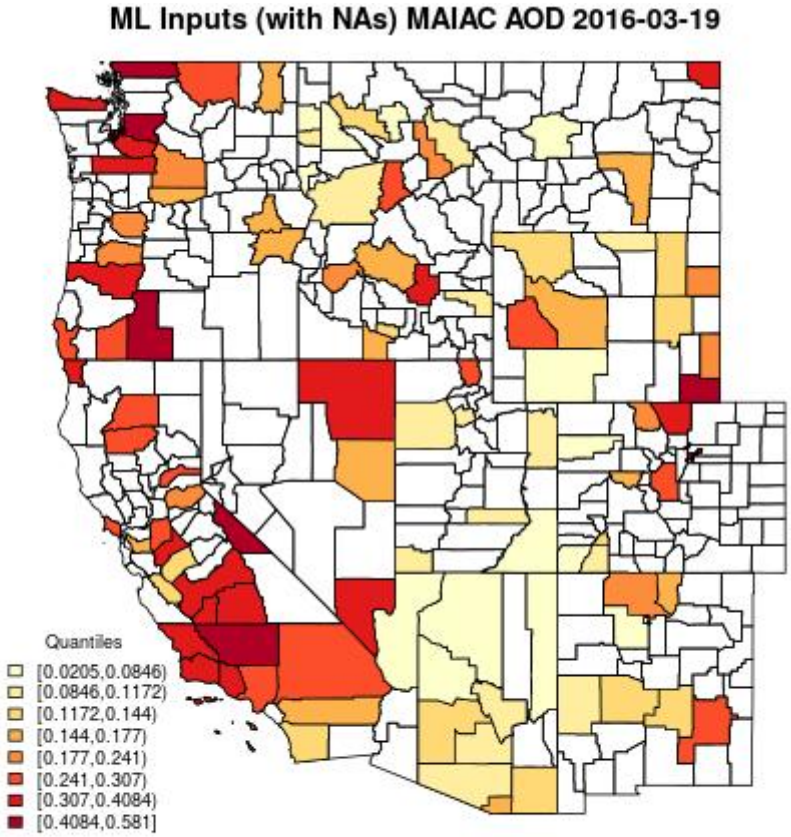

Figure 59: ML Inputs (with NAs) MAIAC AOD 2016-03-19

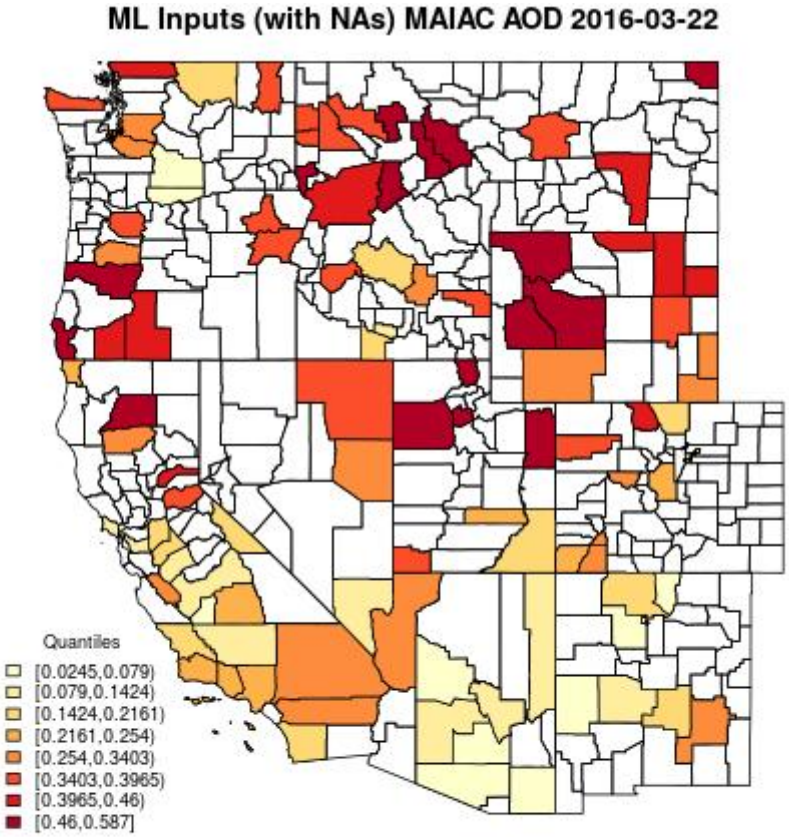

Figure 60: ML Inputs (with NAs) MAIAC AOD 2016-03-22

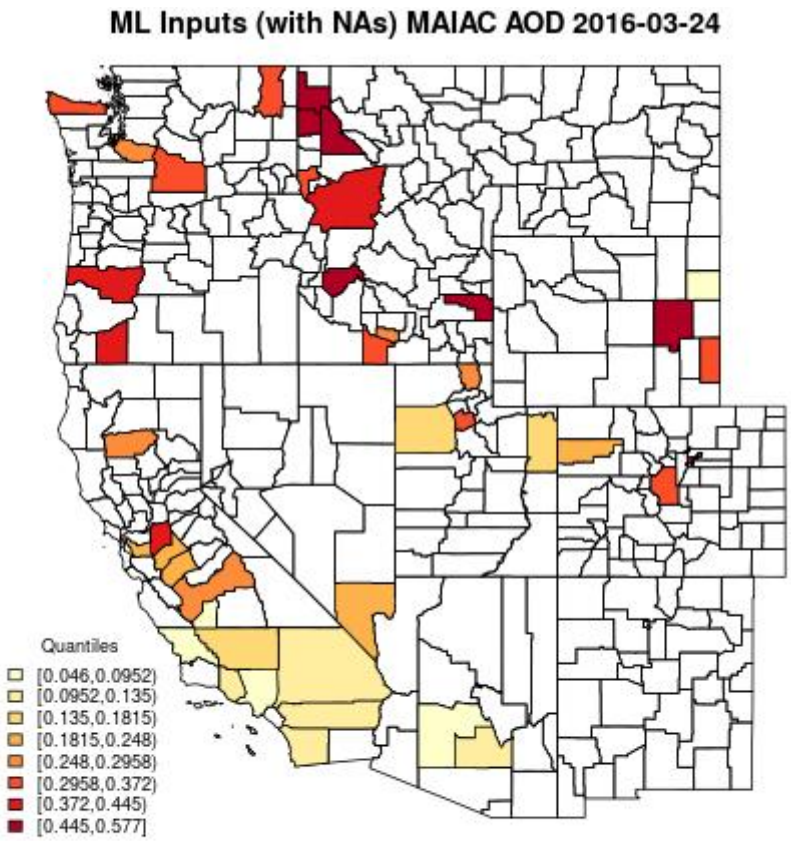

Figure 61: ML Inputs (with NAs) MAIAC AOD 2016-03-24

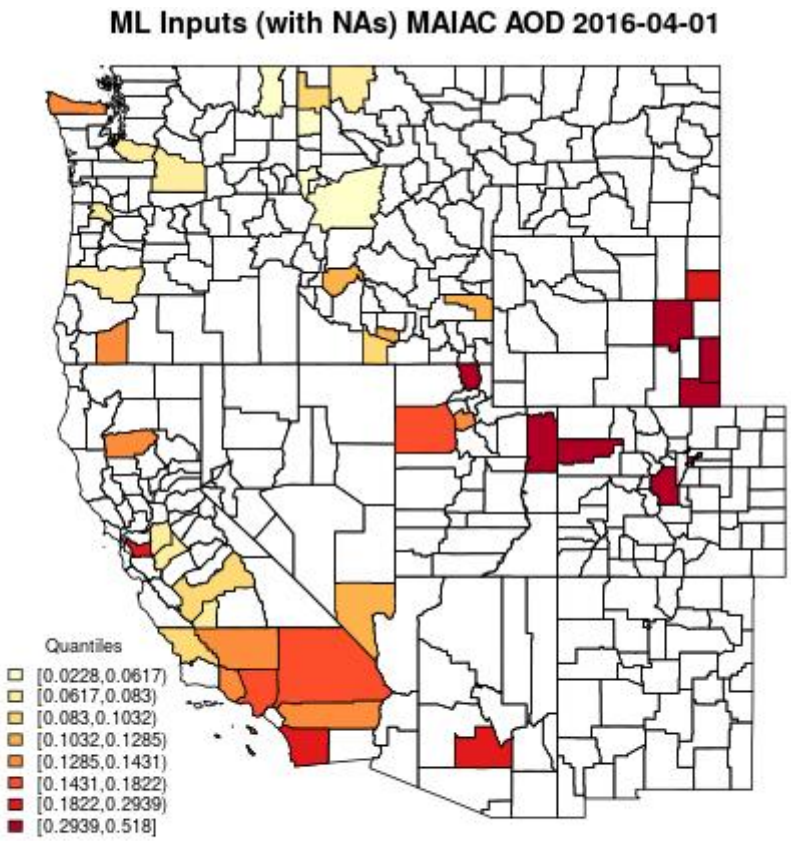

Figure 62: ML Inputs (with NAs) MAIAC AOD 2016-04-01

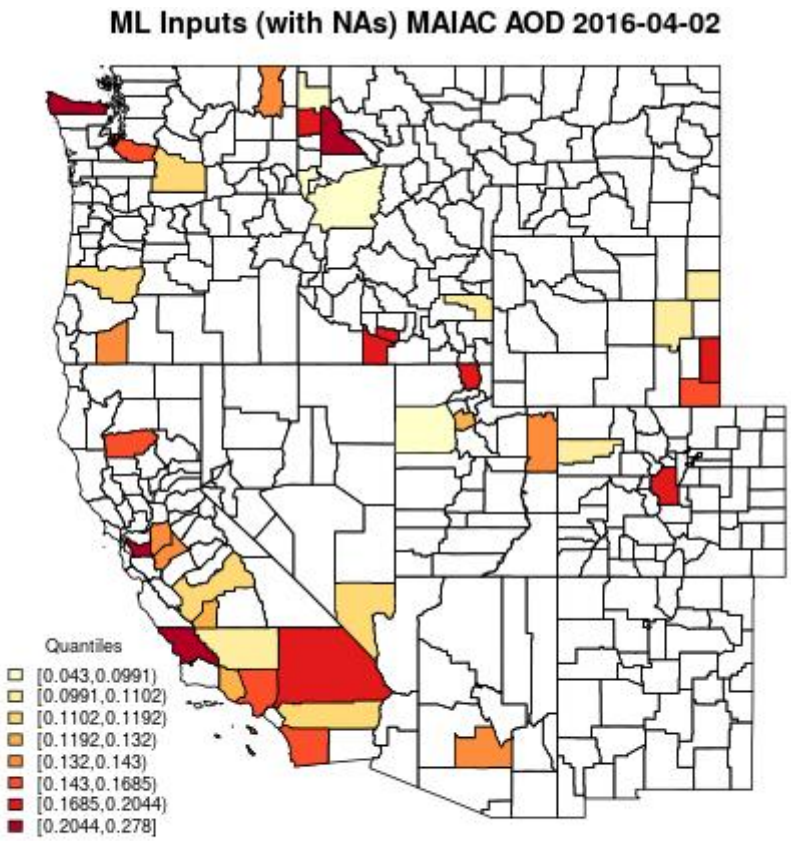

Figure 63: ML Inputs (with NAs) MAIAC AOD 2016-04-02

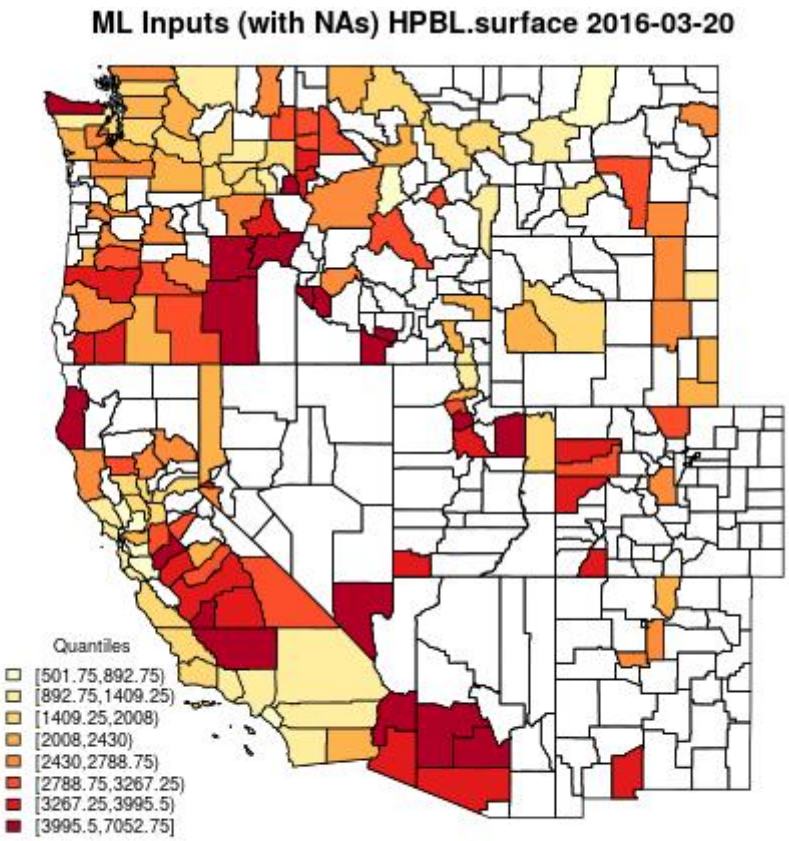

Figure 64: ML Inputs (with NAs) HPBL.surface 2016-03-20

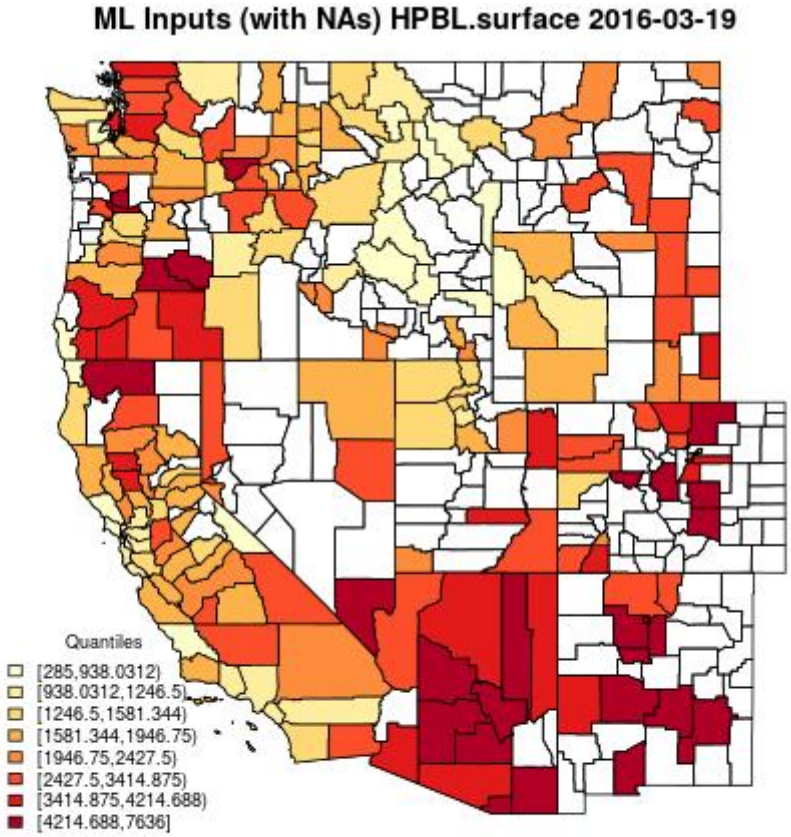

Figure 65: ML Inputs (with NAs) HPBL.surface 2016-03-19

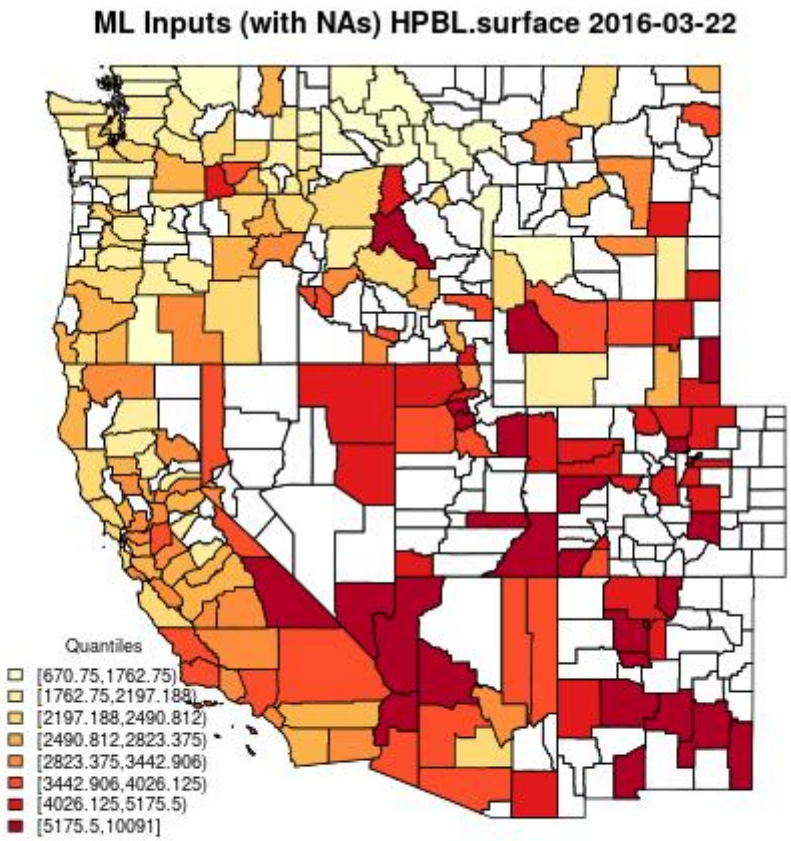

Figure 66: ML Inputs (with NAs) HPBL.surface 2016-03-22

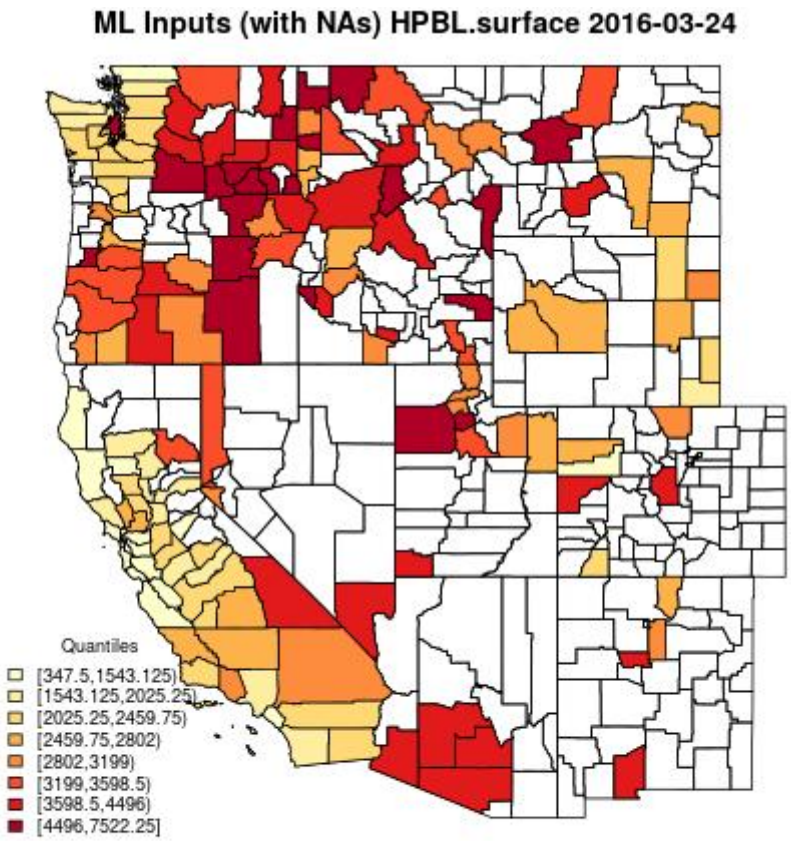

Figure 67: ML Inputs (with NAs) HPBL.surface 2016-03-24

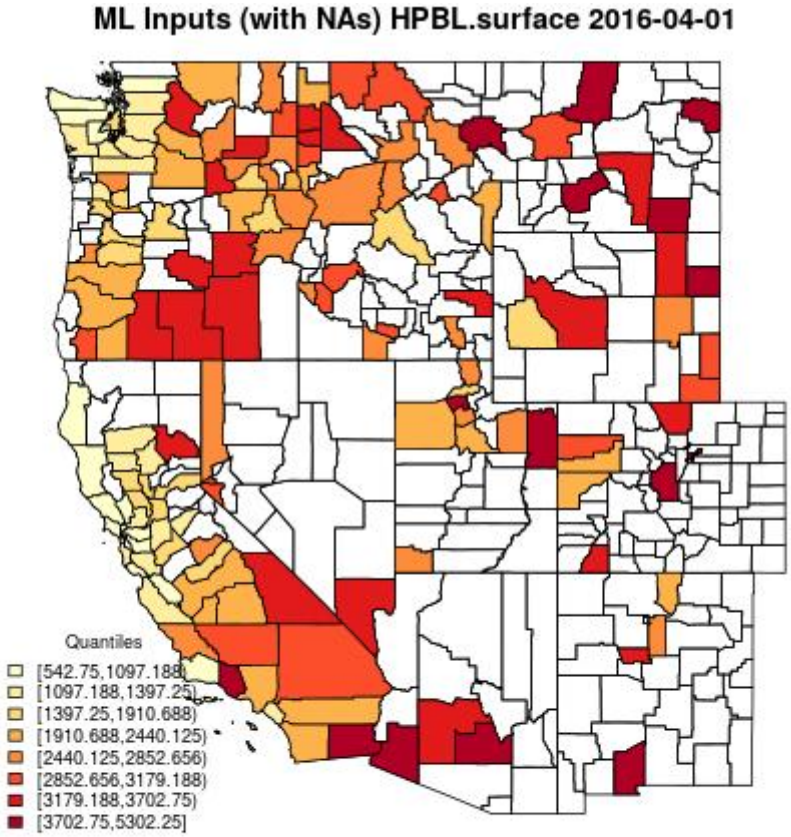

Figure 68: ML Inputs (with NAs) HPBL.surface 2016-04-01

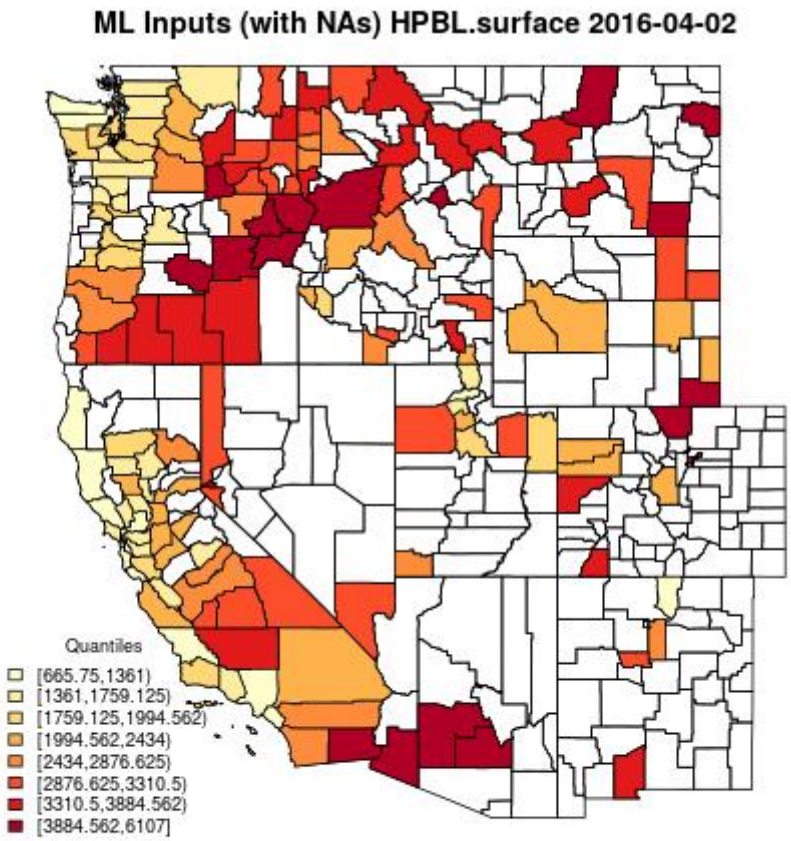

Figure 69: ML Inputs (with NAs) HPBL.surface 2016-04-02

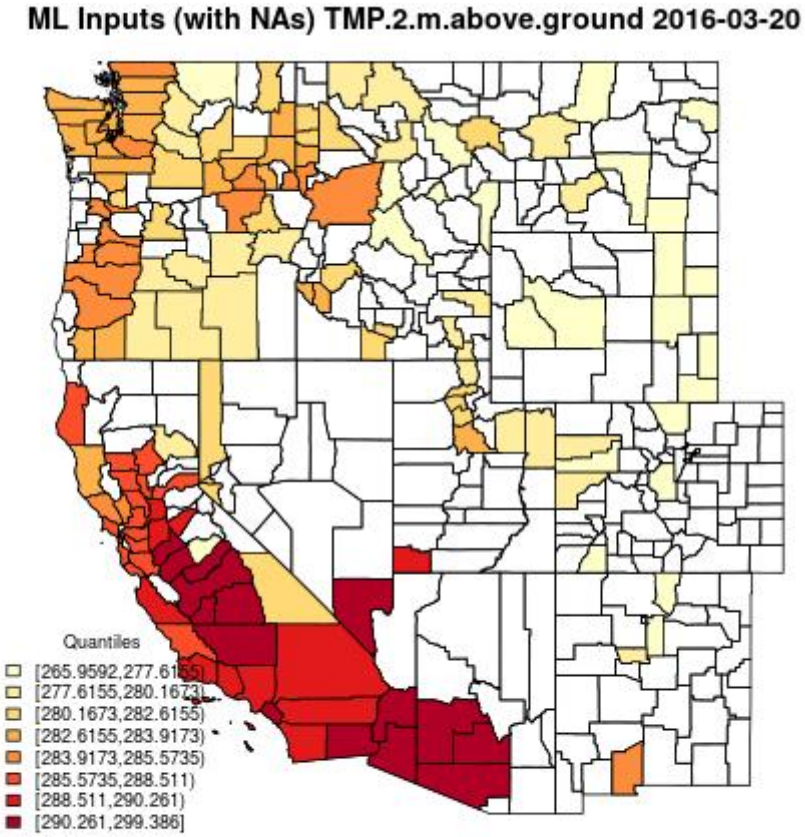

Figure 70: ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-20

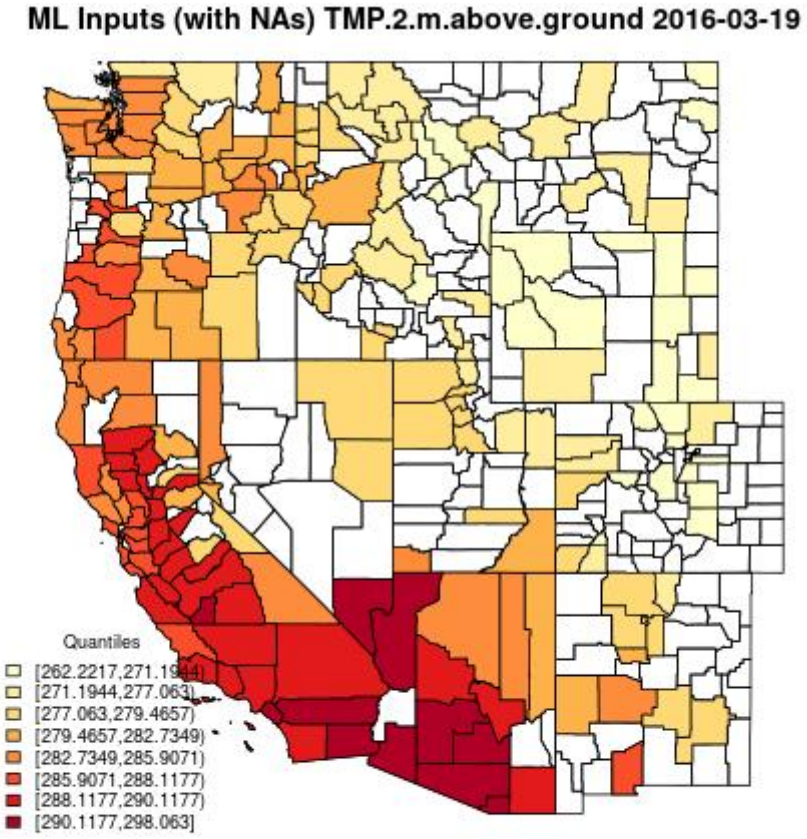

Figure 71: ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-19

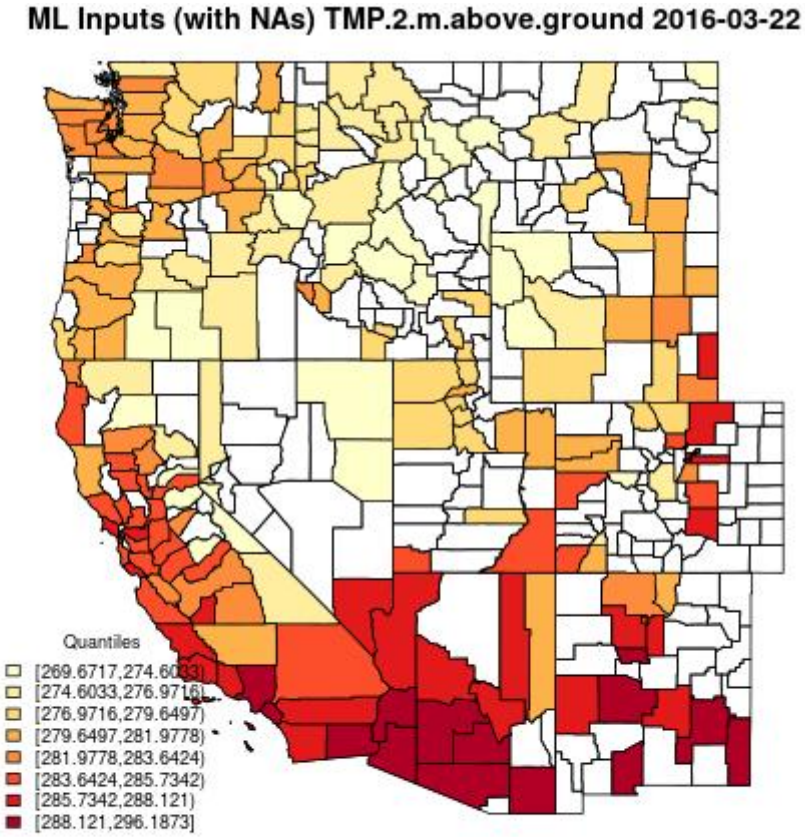

Figure 72: ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-22

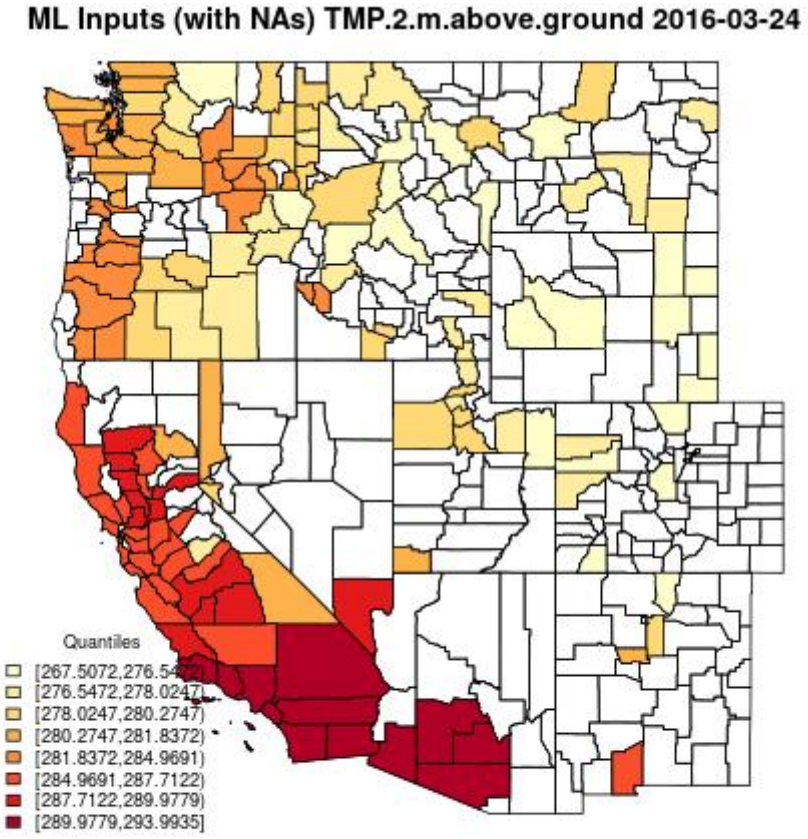

Figure 73: ML Inputs (with NAs) TMP.2.m.above.ground 2016-03-24

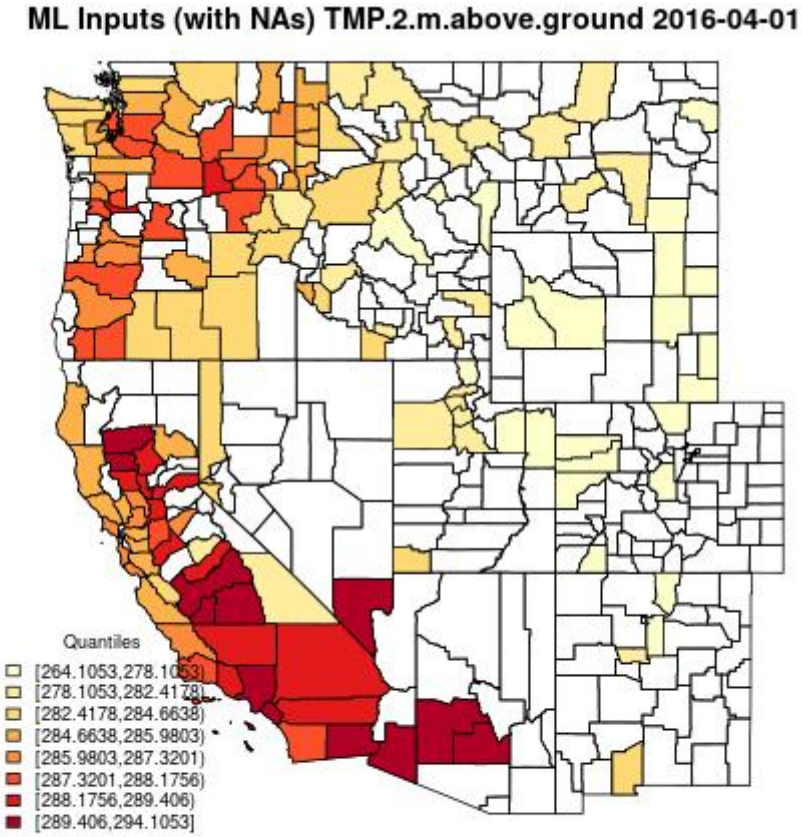

Figure 74: ML Inputs (with NAs) TMP.2.m.above.ground 2016-04-01

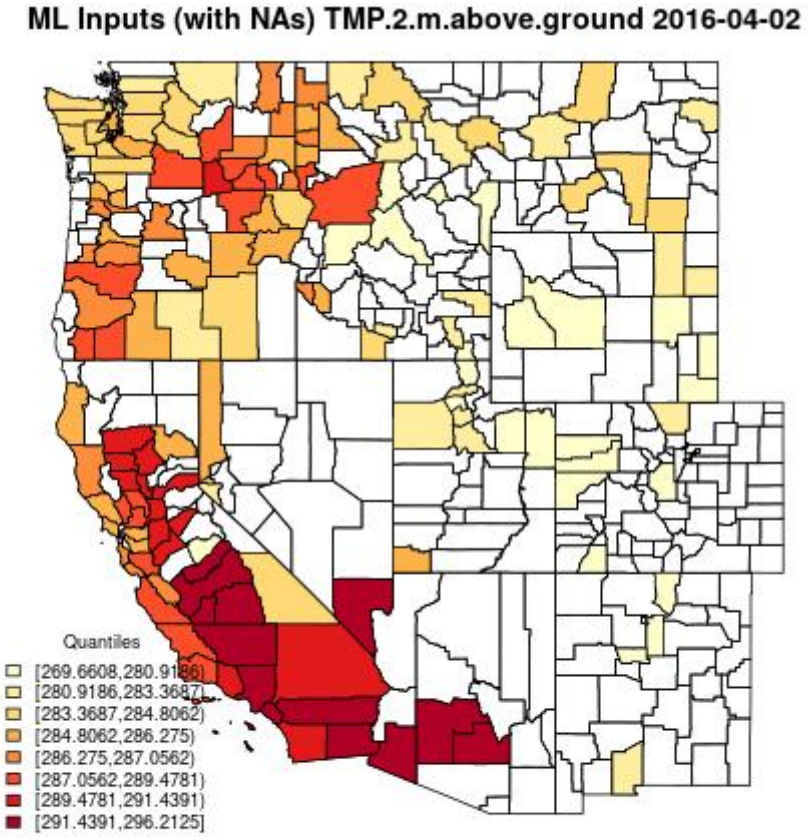

Figure 75: ML Inputs (with NAs) TMP.2.m.above.ground 2016-04-02

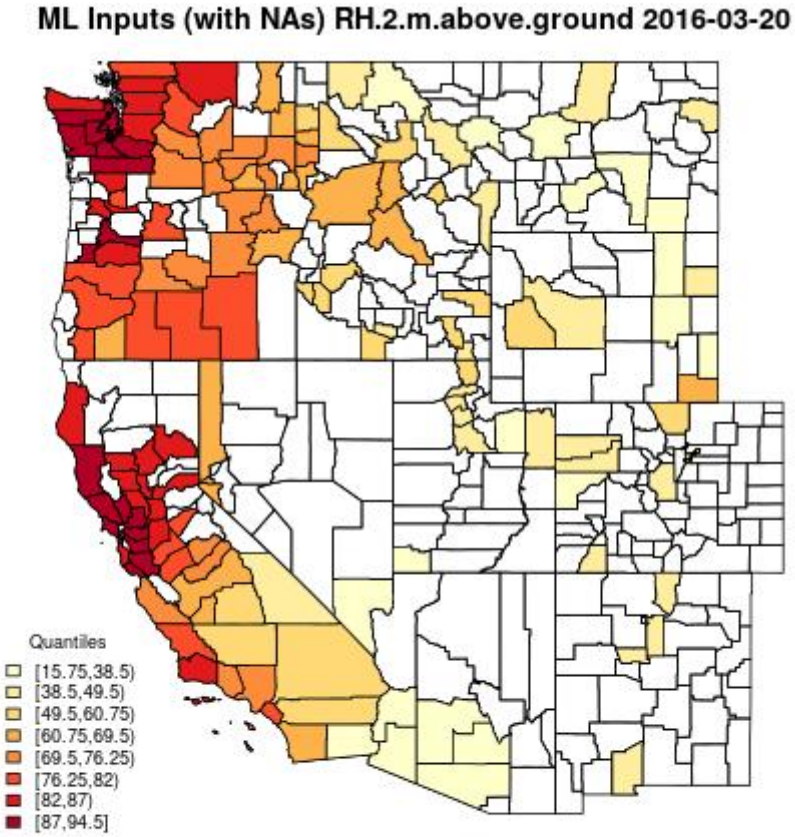

Figure 76: ML Inputs (with NAs) RH.2.m.above.ground 2016-03-20

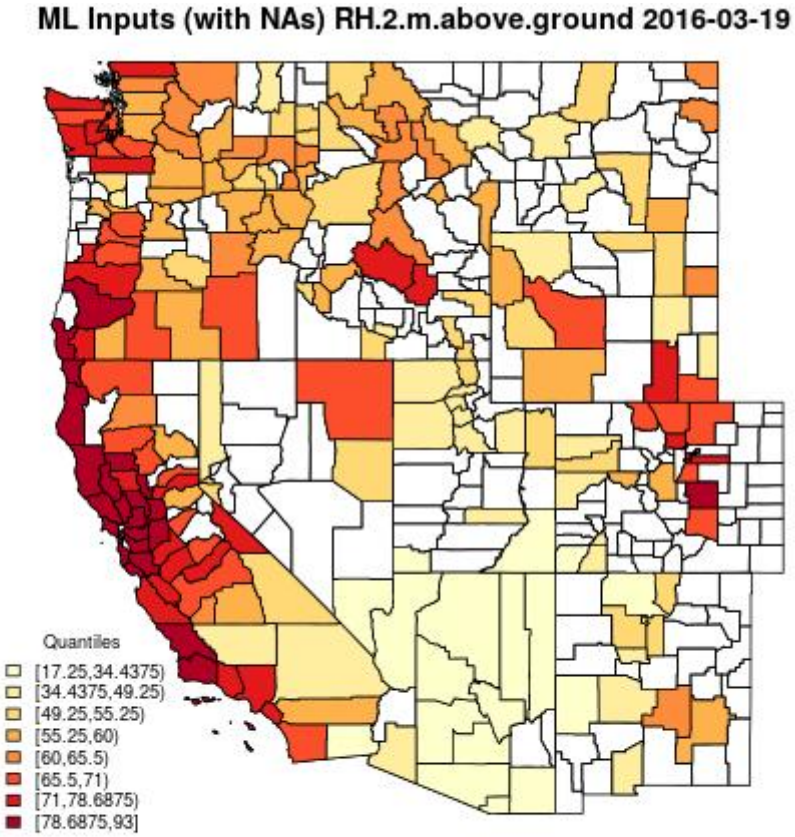

Figure 77: ML Inputs (with NAs) RH.2.m.above.ground 2016-03-19

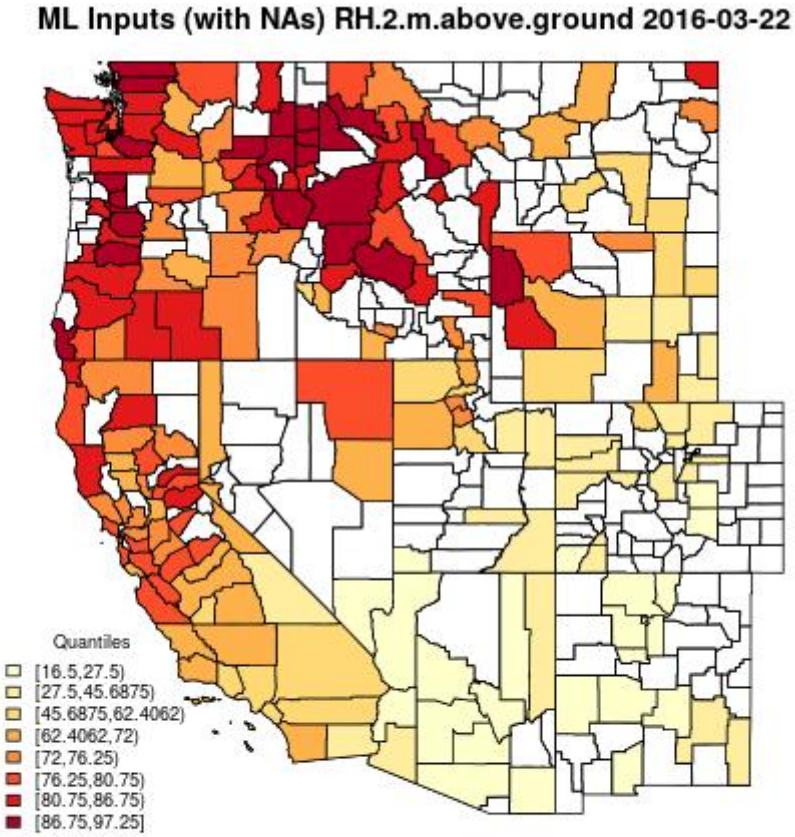

Figure 78: ML Inputs (with NAs) RH.2.m.above.ground 2016-03-22

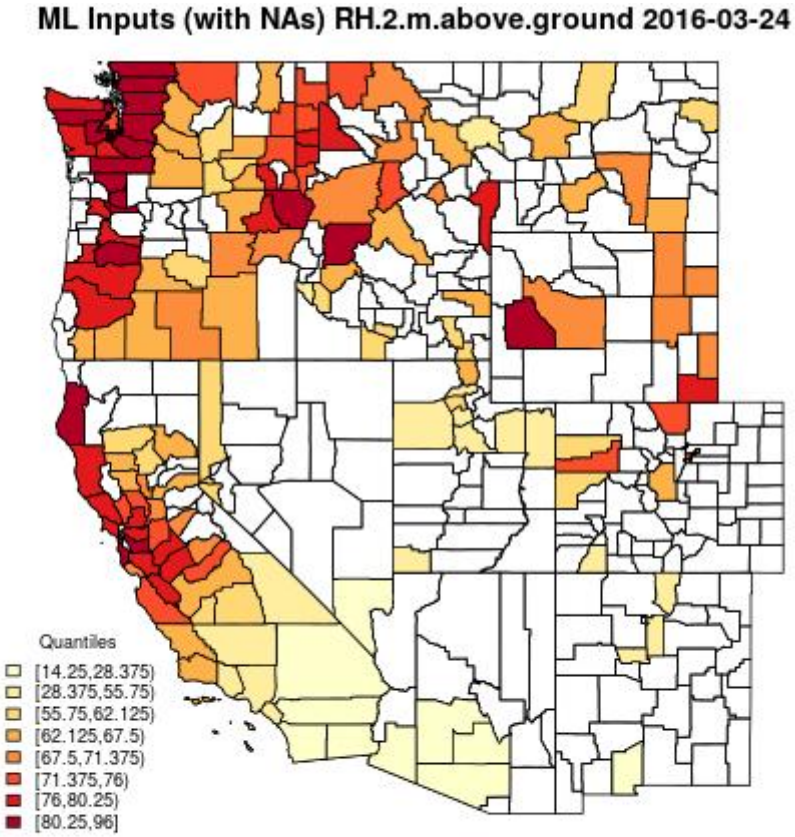

Figure 79: ML Inputs (with NAs) RH.2.m.above.ground 2016-03-24

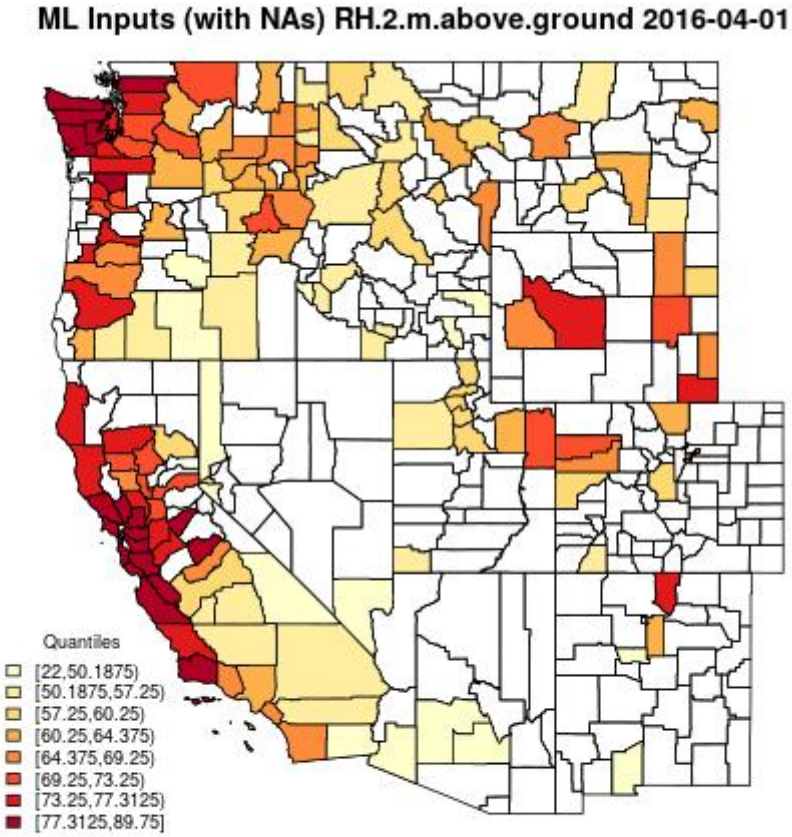

Figure 80: ML Inputs (with NAs) RH.2.m.above.ground 2016-04-01

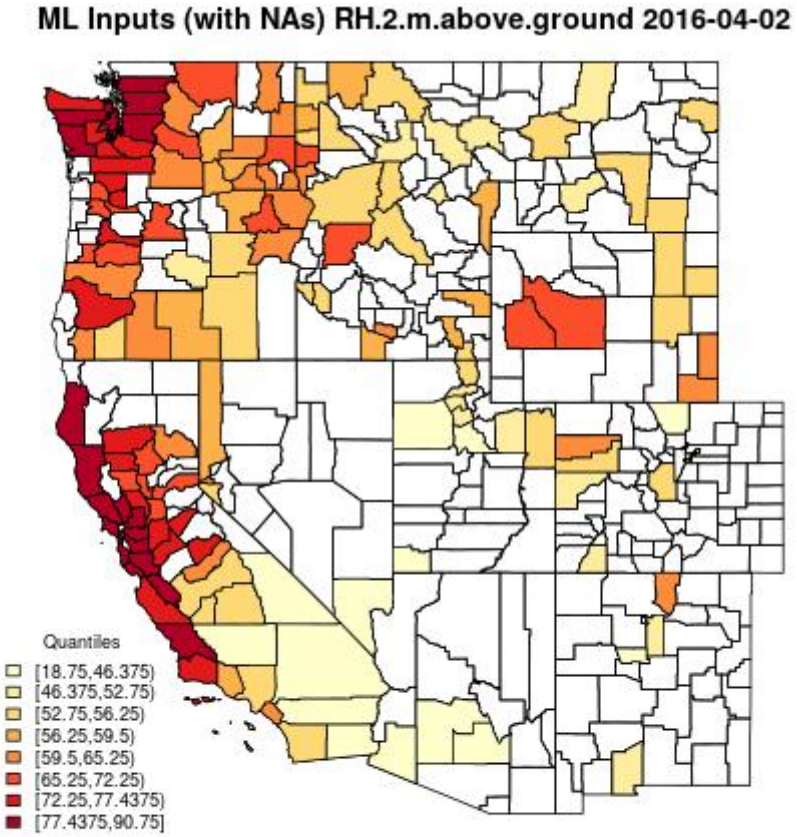

Figure 81: ML Inputs (with NAs) RH.2.m.above.ground 2016-04-02

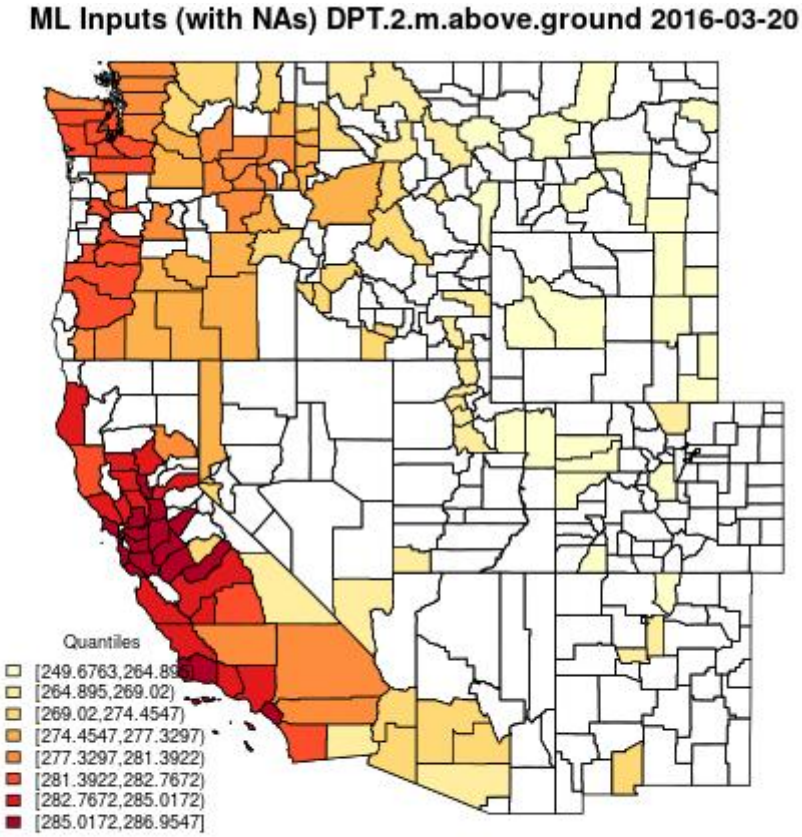

Figure 82: ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-20

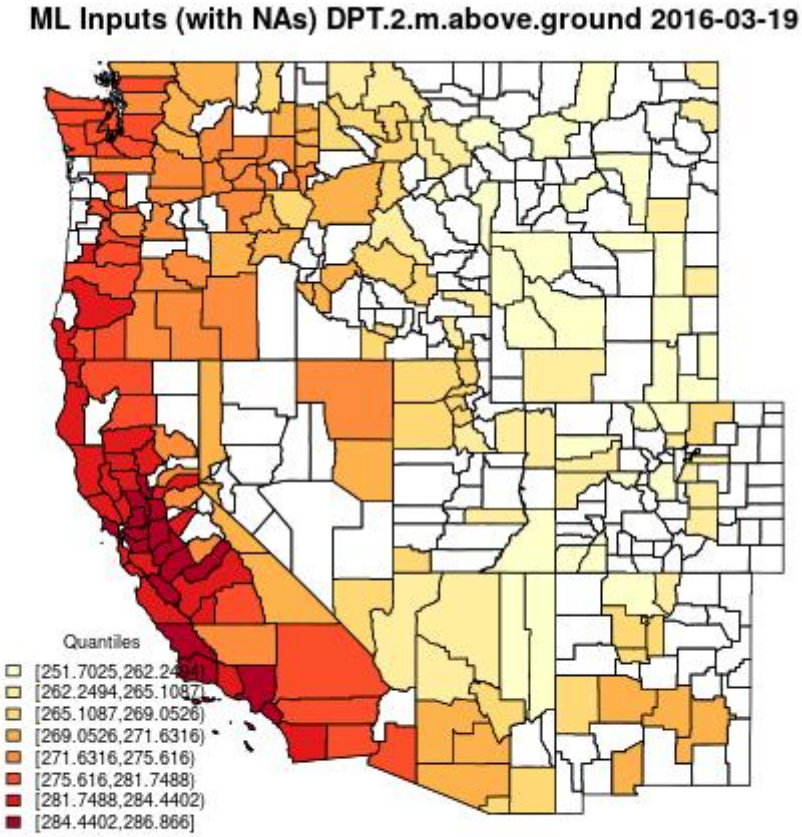

Figure 83: ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-19

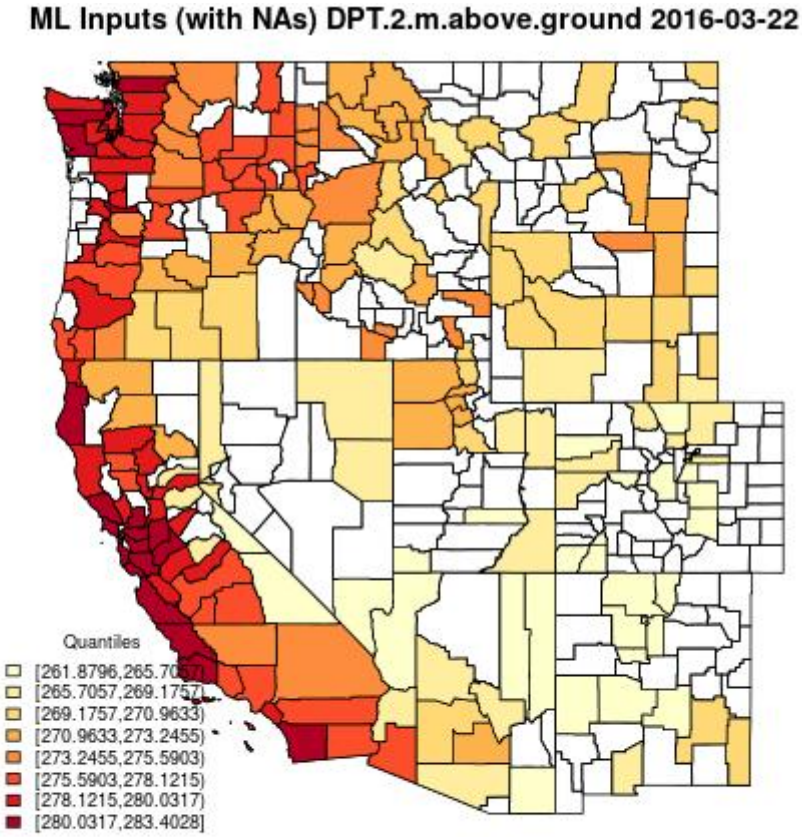

Figure 84: ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-22

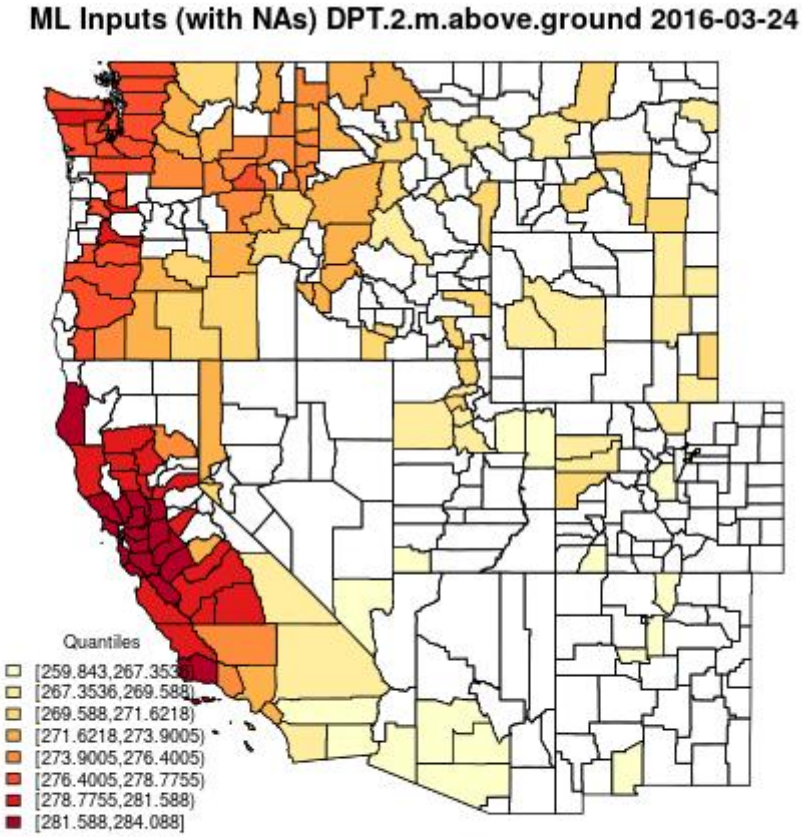

Figure 85: ML Inputs (with NAs) DPT.2.m.above.ground 2016-03-24

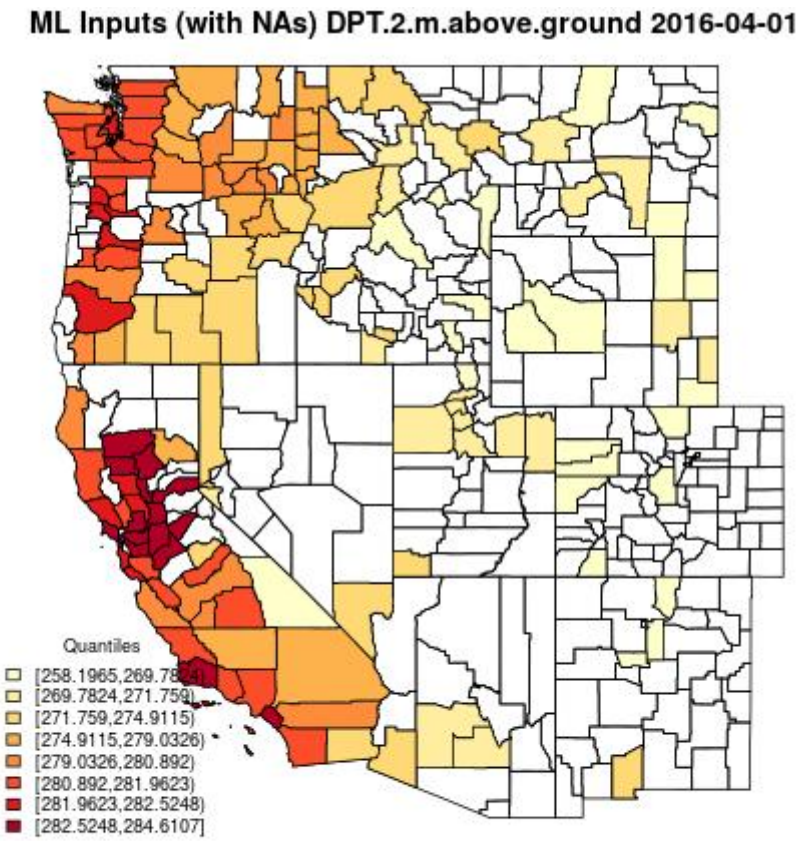

Figure 86: ML Inputs (with NAs) DPT.2.m.above.ground 2016-04-01

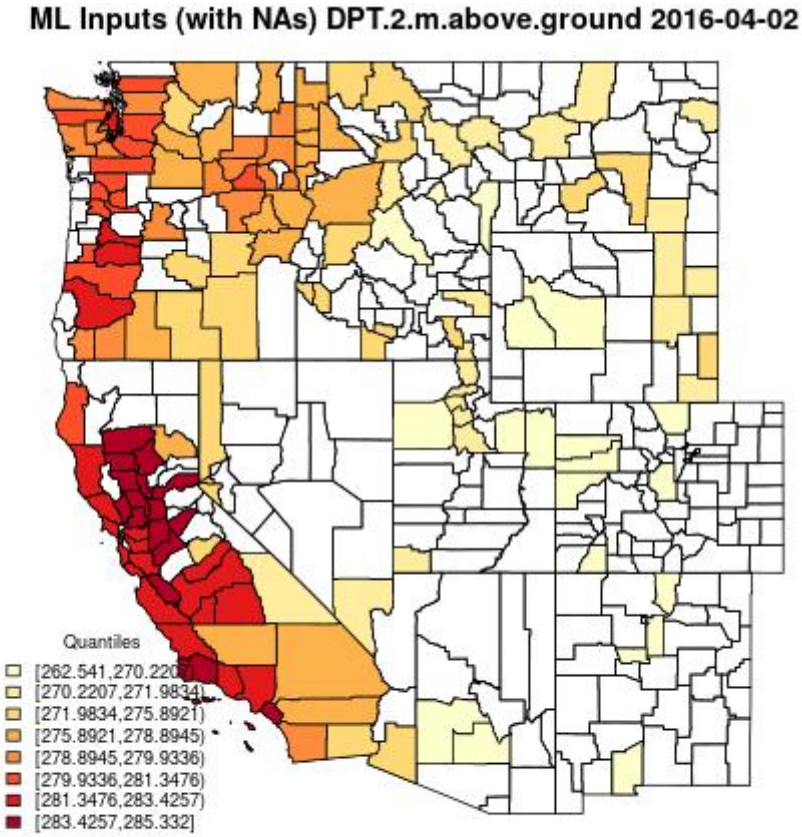

Figure 87: ML Inputs (with NAs) DPT.2.m.above.ground 2016-04-02

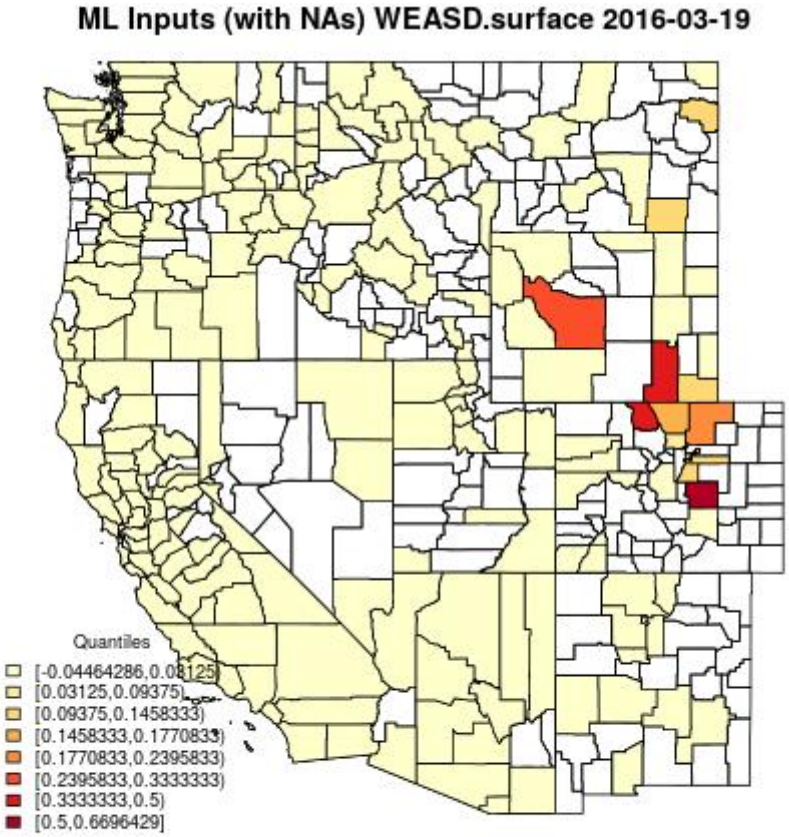

Figure 88: ML Inputs (with NAs) WEASD.surface 2016-03-19

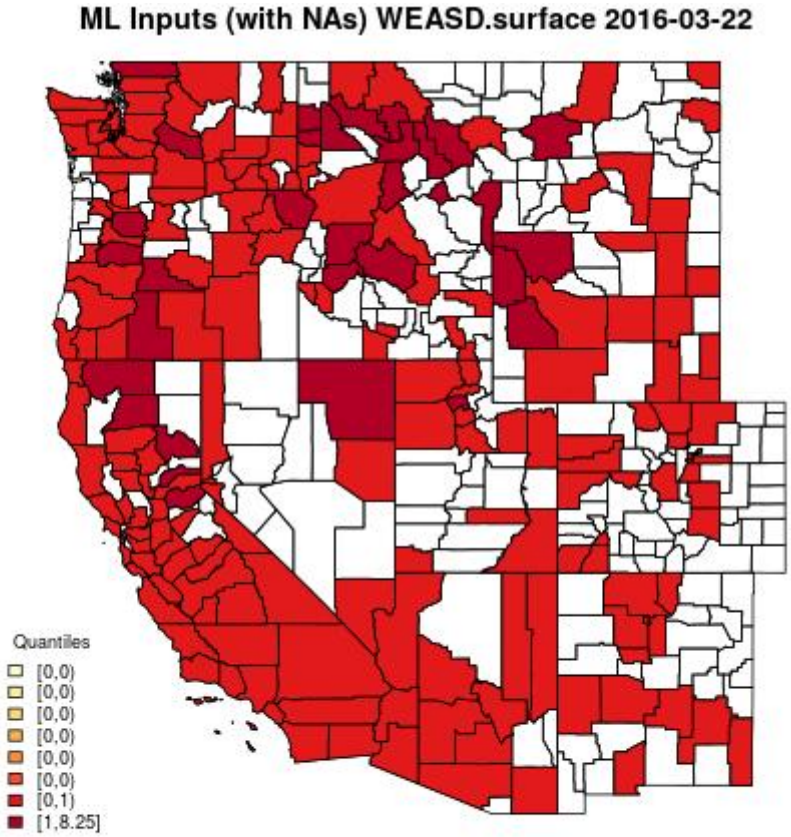

Figure 89: ML Inputs (with NAs) WEASD.surface 2016-03-22

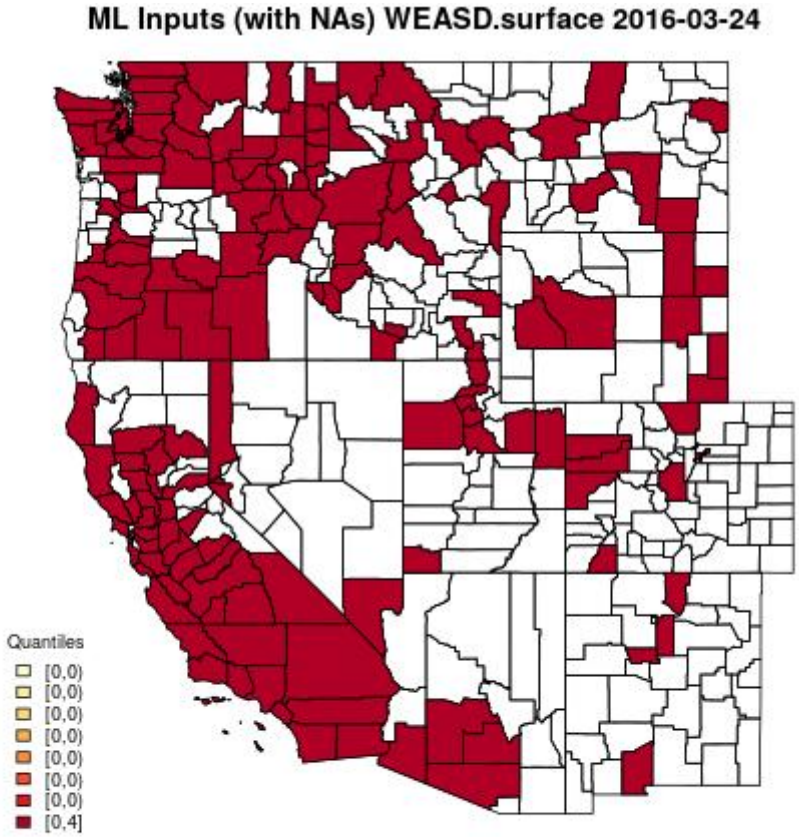

Figure 90: ML Inputs (with NAs) WEASD.surface 2016-03-24

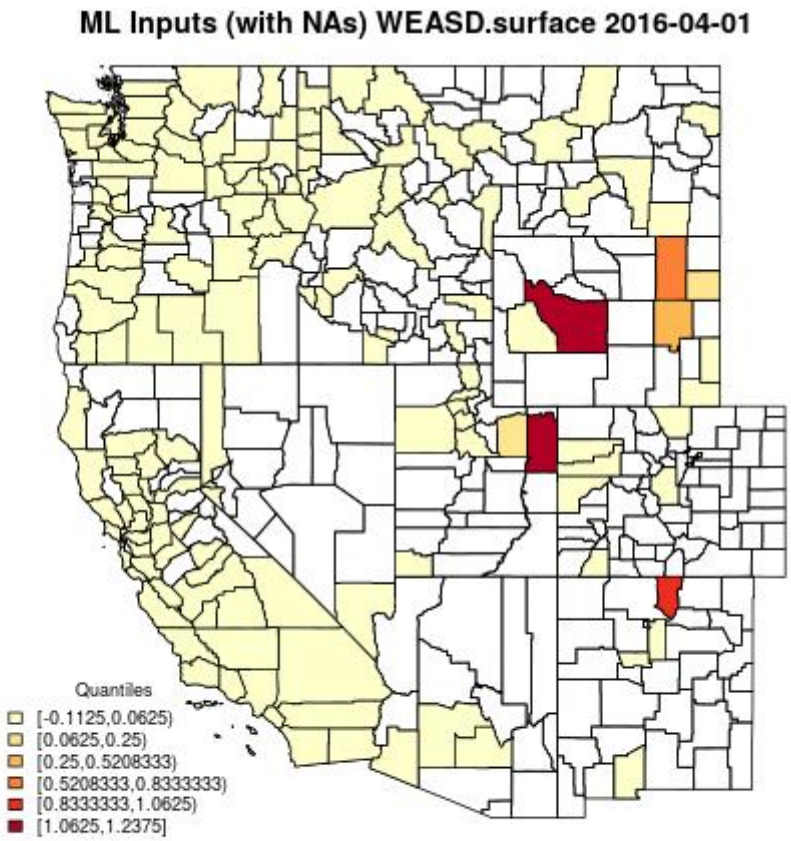

Figure 91: ML Inputs (with NAs) WEASD.surface 2016-04-01

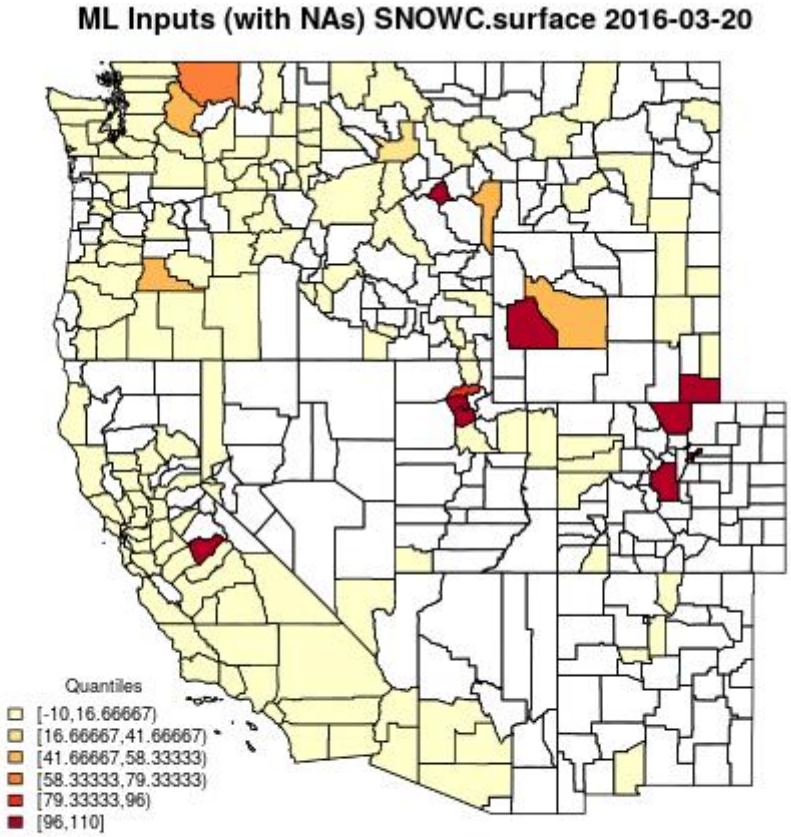

Figure 92: ML Inputs (with NAs) SNOWC.surface 2016-03-20

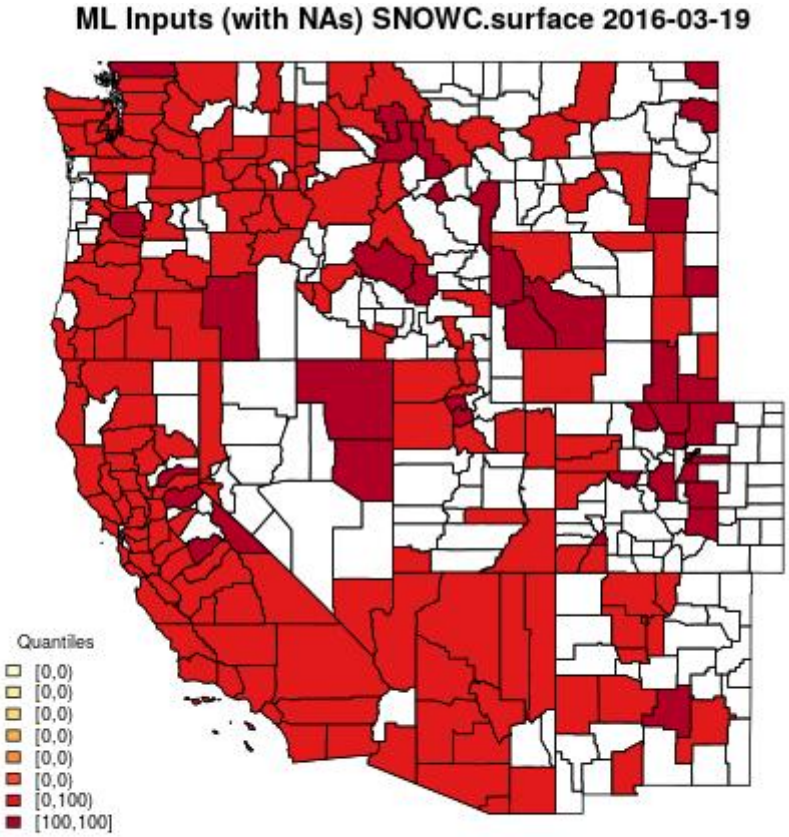

Figure 93: ML Inputs (with NAs) SNOWC.surface 2016-03-19

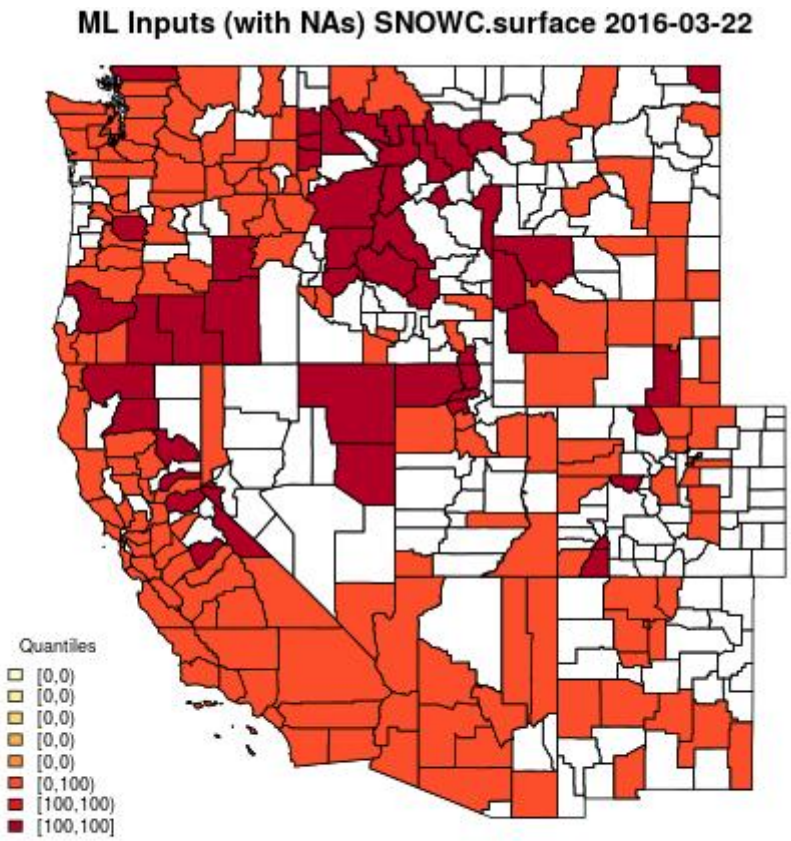

Figure 94: ML Inputs (with NAs) SNOWC.surface 2016-03-22

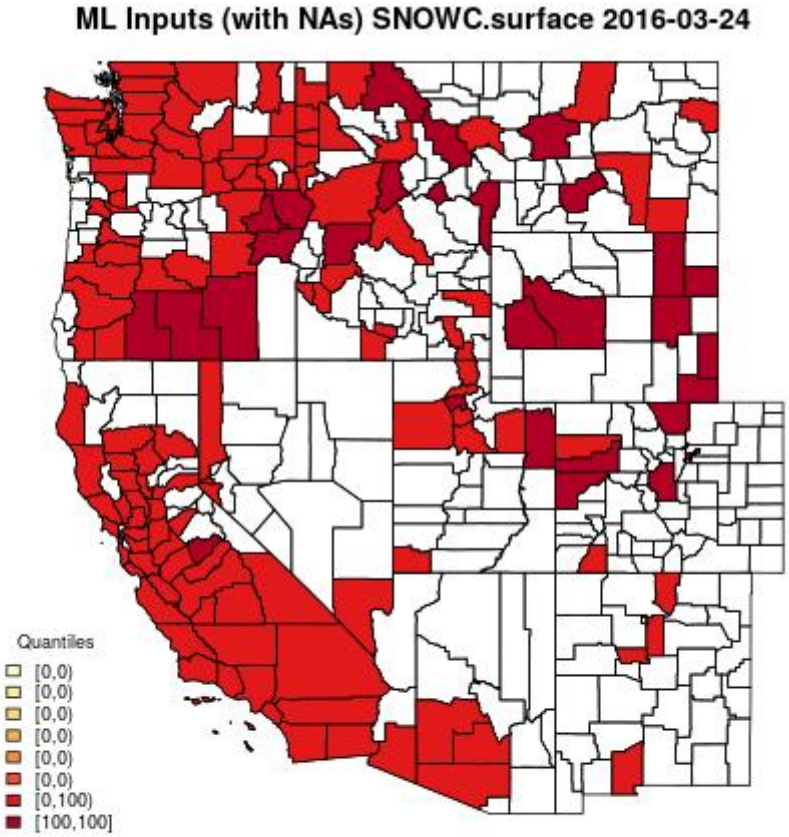

Figure 95: ML Inputs (with NAs) SNOWC.surface 2016-03-24

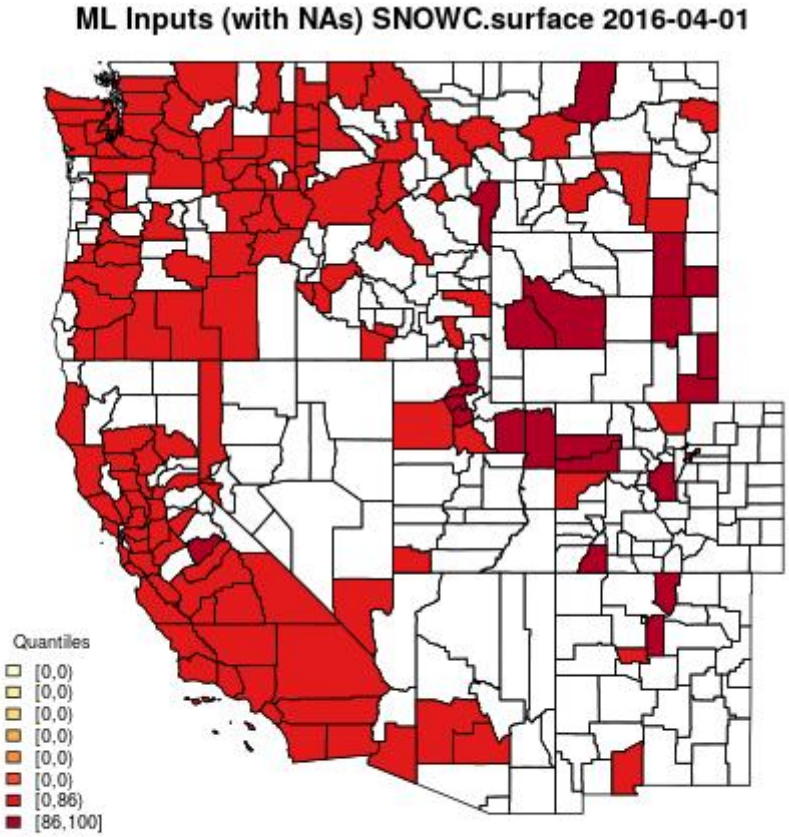

Figure 96: ML Inputs (with NAs) SNOWC.surface 2016-04-01

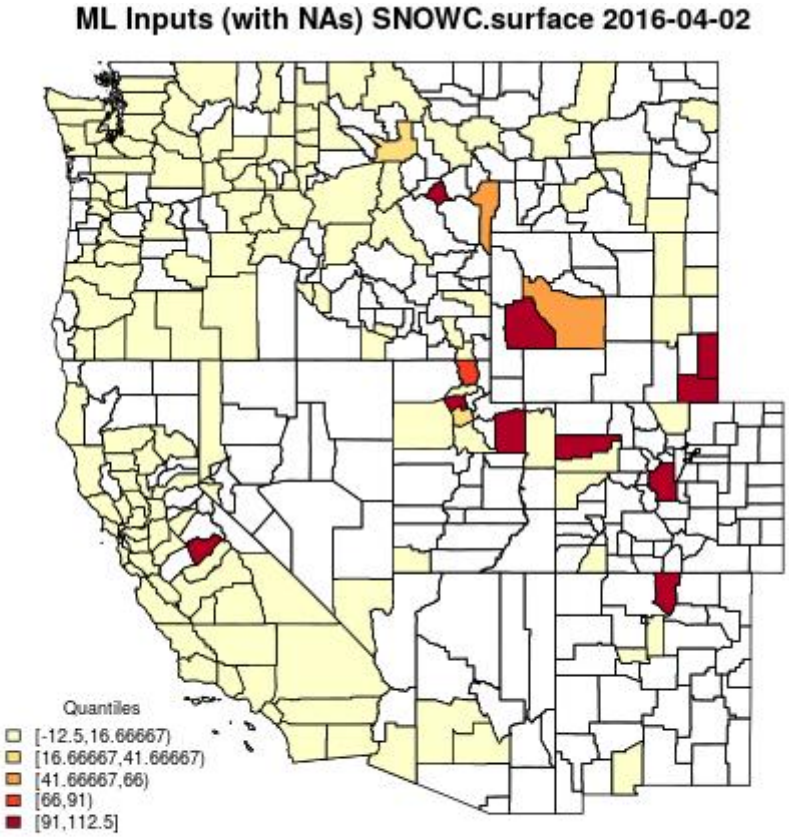

Figure 97: ML Inputs (with NAs) SNOWC.surface 2016-04-02

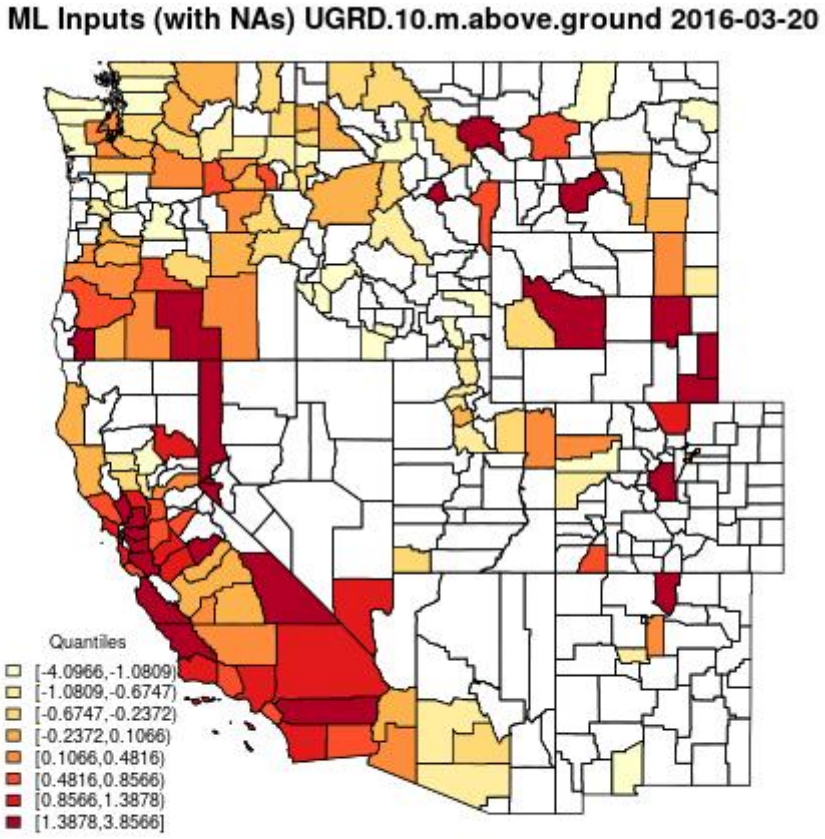

Figure 98: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-20

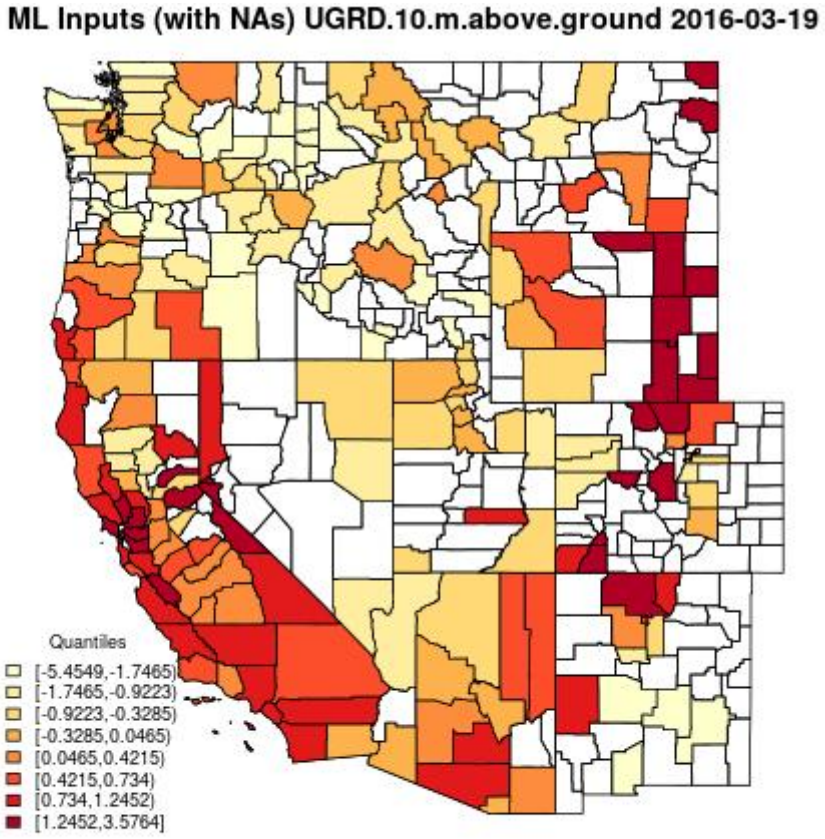

Figure 99: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-19

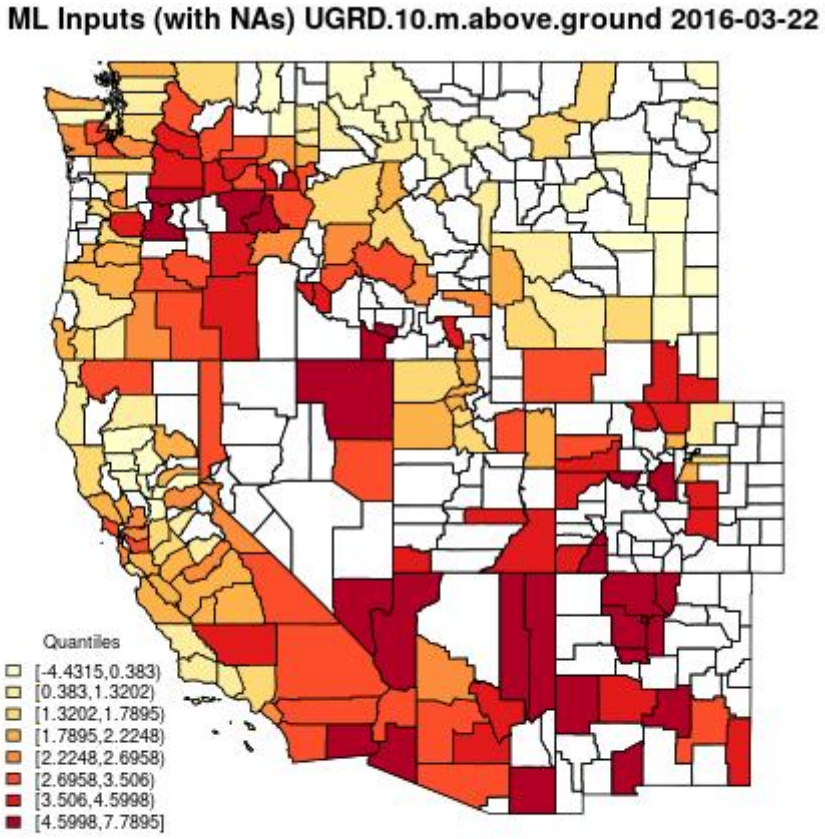

Figure 100: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-22

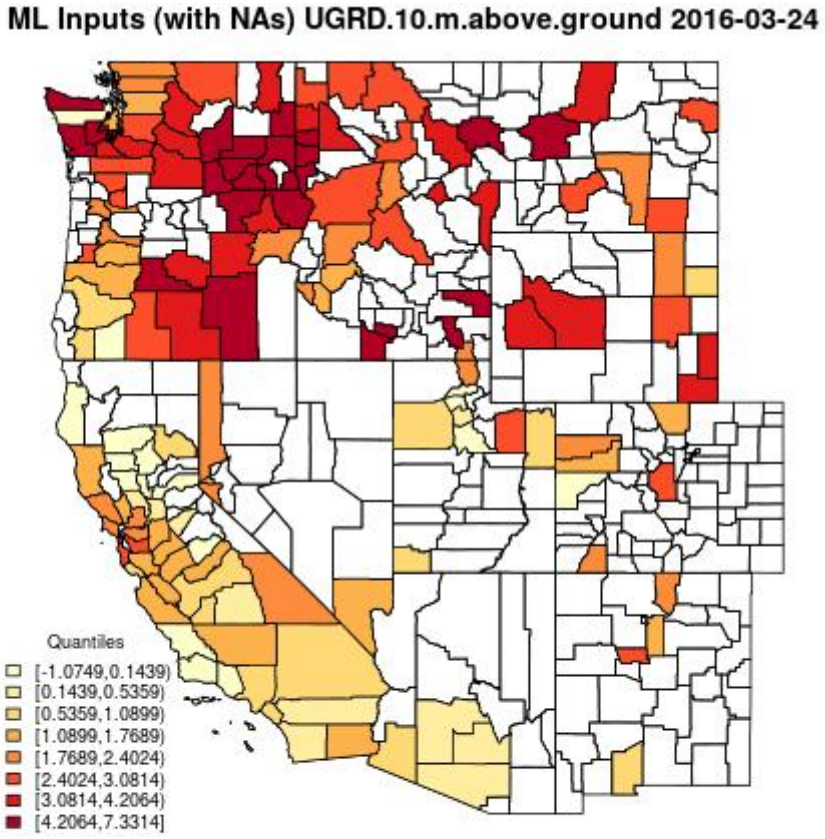

Figure 101: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-03-24

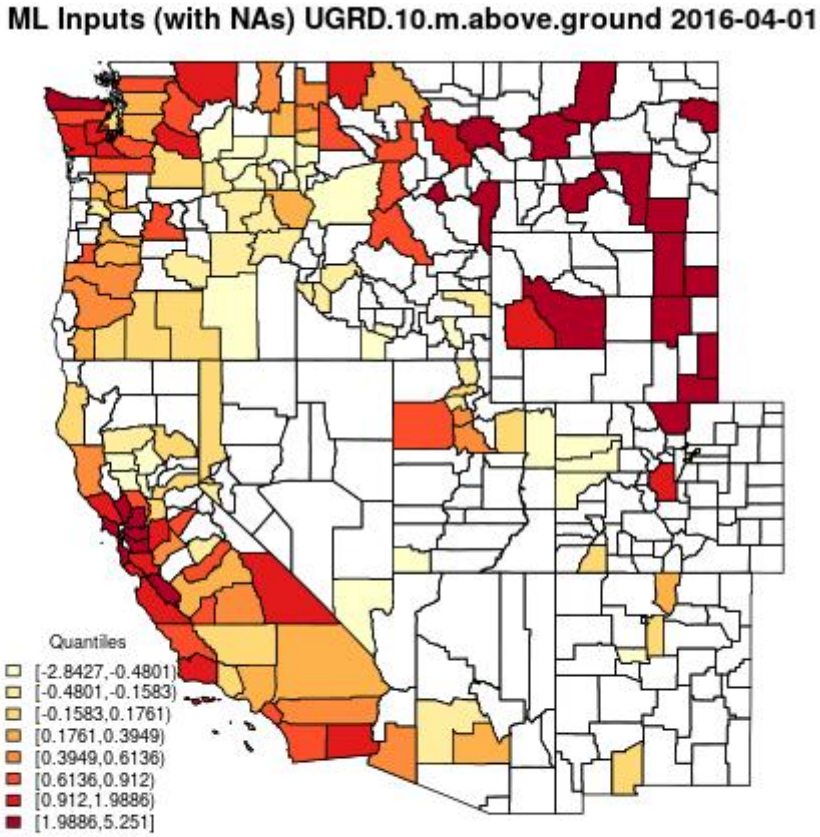

Figure 102: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-04-01

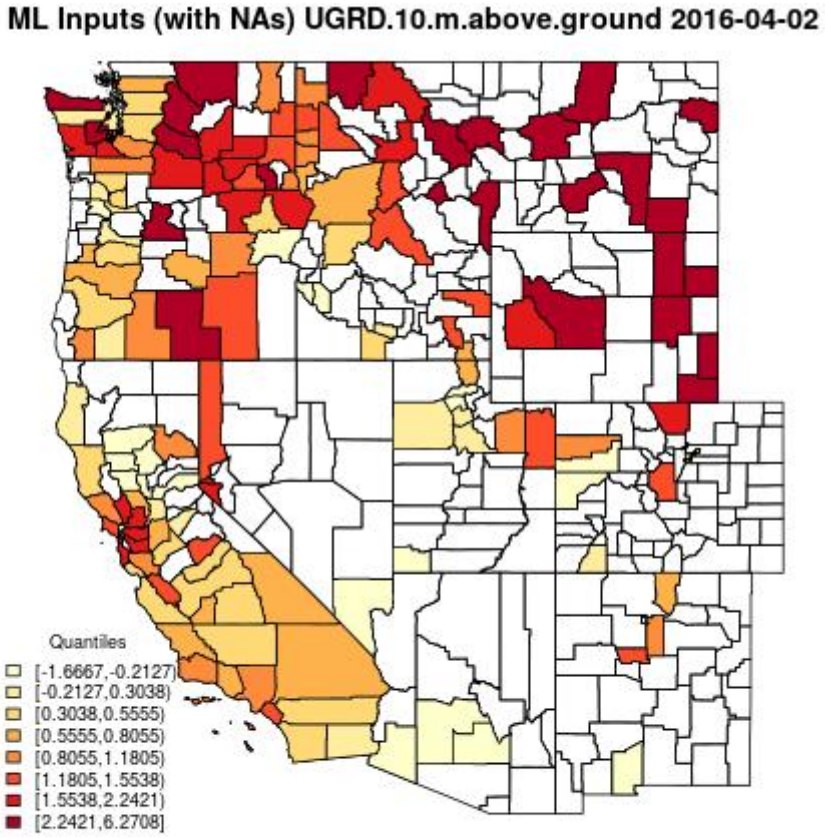

Figure 103: ML Inputs (with NAs) UGRD.10.m.above.ground 2016-04-02

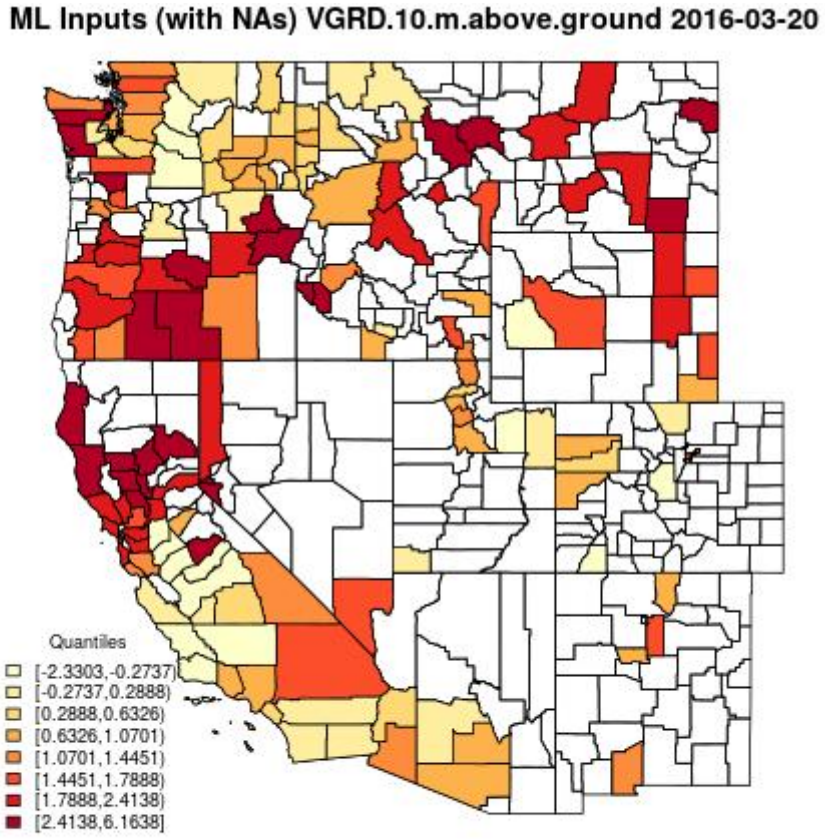

Figure 104: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-20

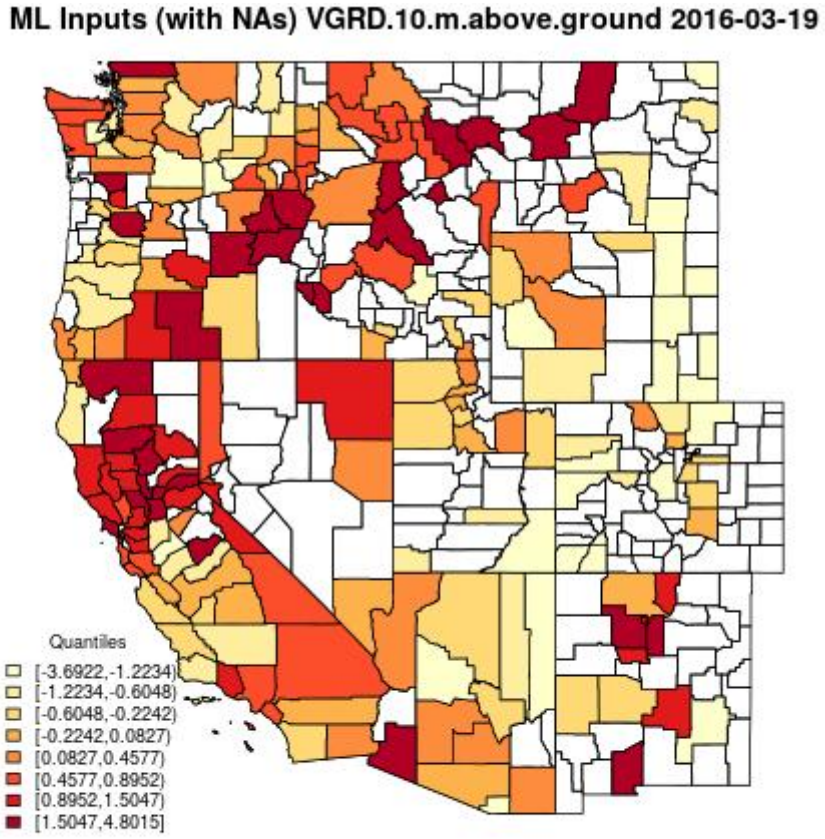

Figure 105: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-19

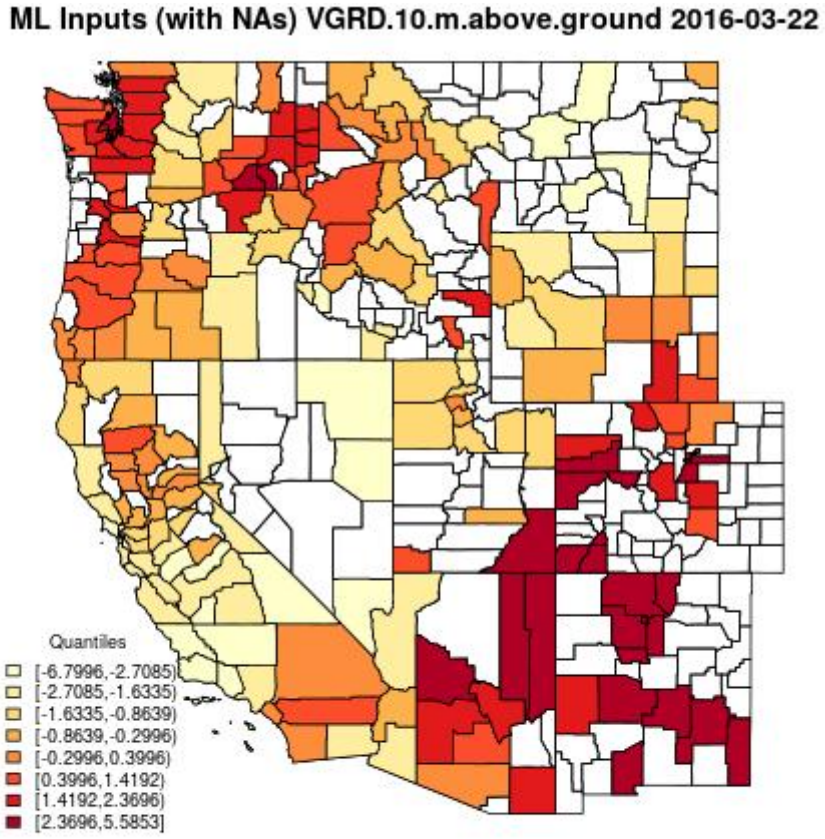

Figure 106: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-22

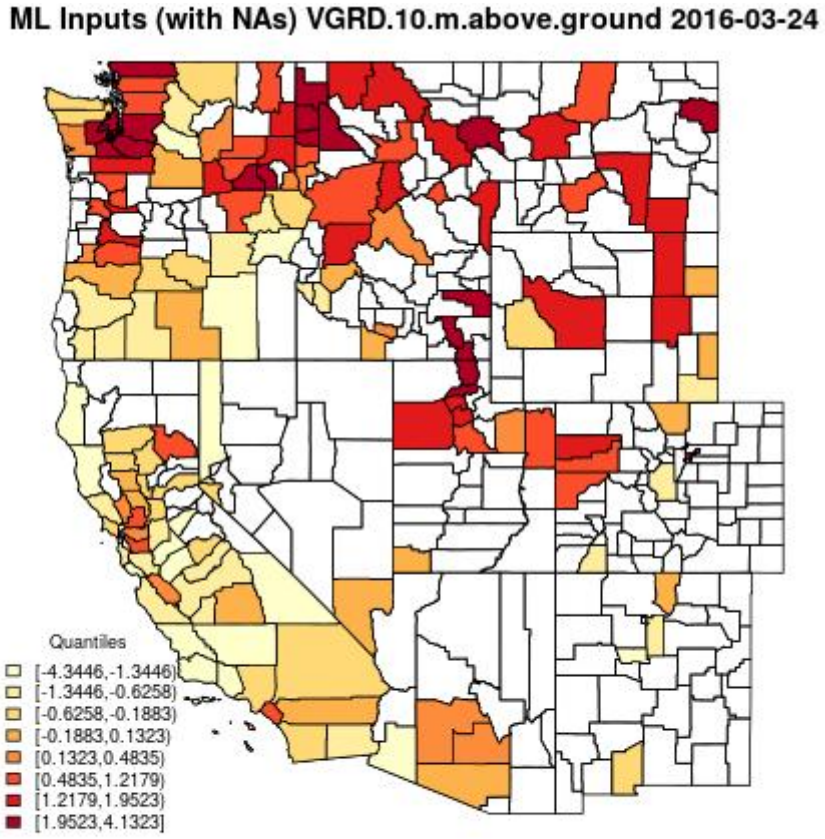

Figure 107: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-03-24

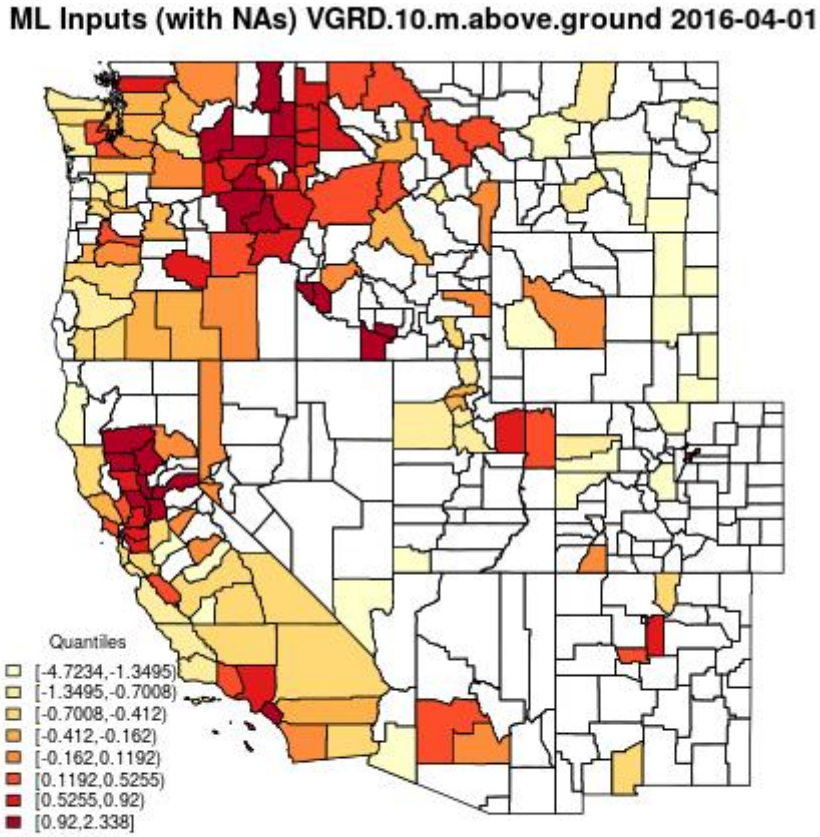

Figure 108: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-04-01

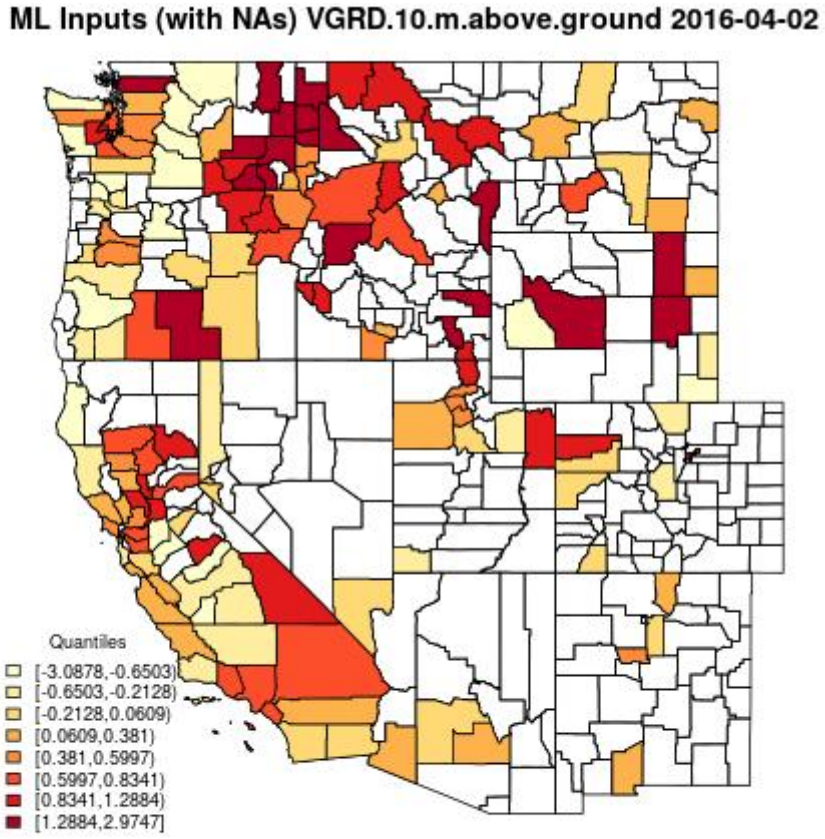

Figure 109: ML Inputs (with NAs) VGRD.10.m.above.ground 2016-04-02

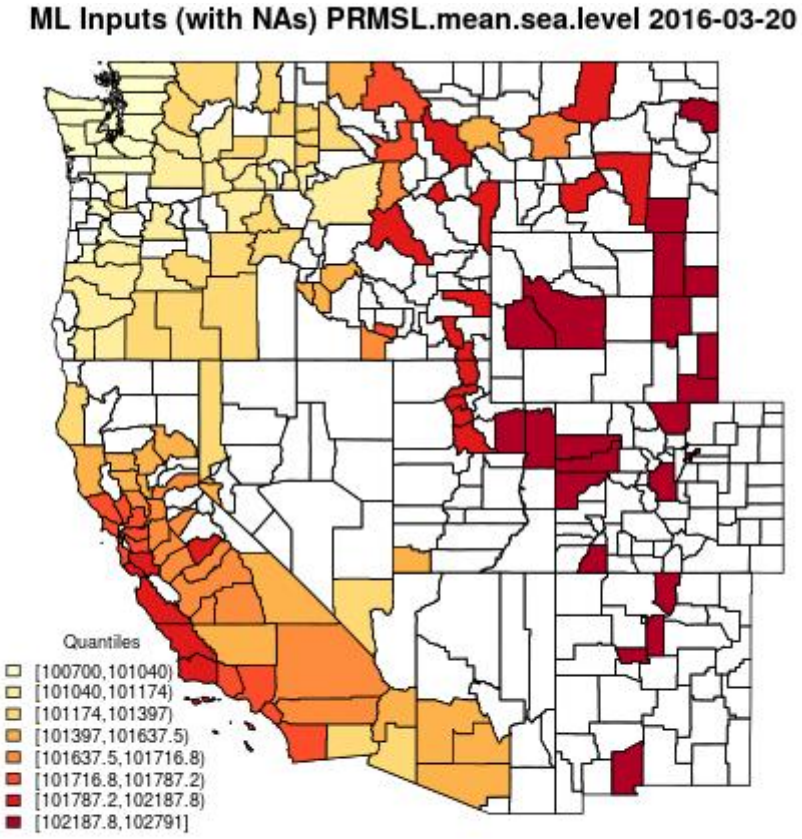

Figure 110: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-20

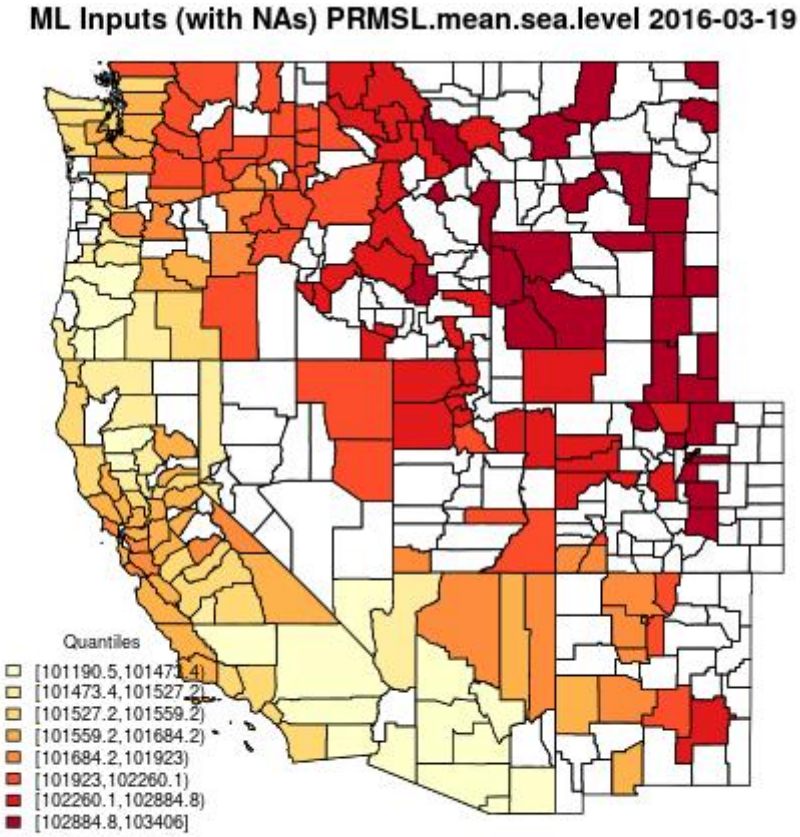

Figure 111: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-19

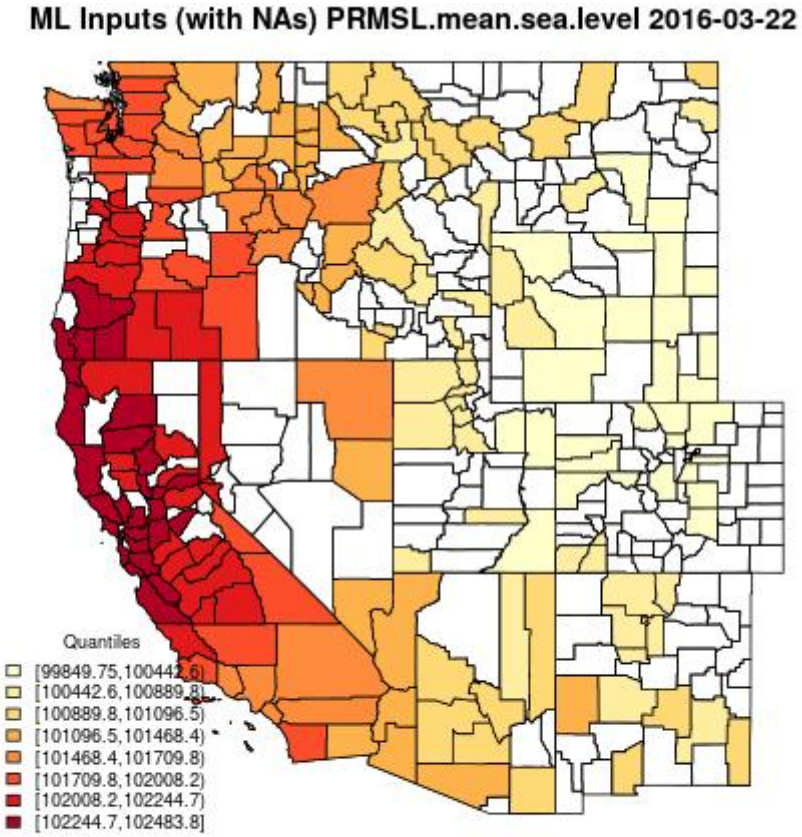

Figure 112: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-22

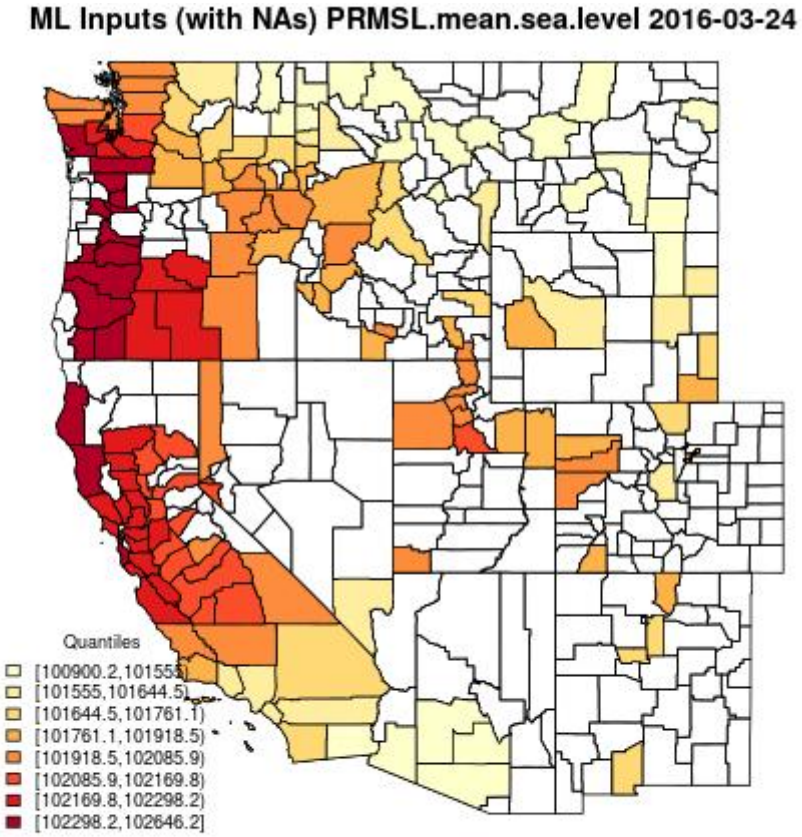

Figure 113: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-03-24

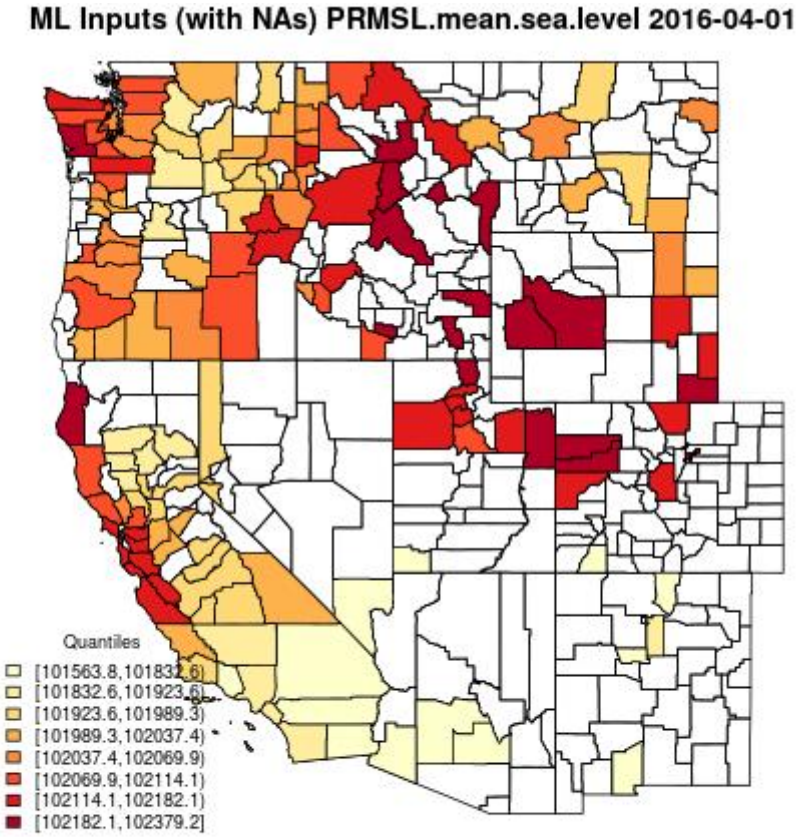

Figure 114: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-04-01

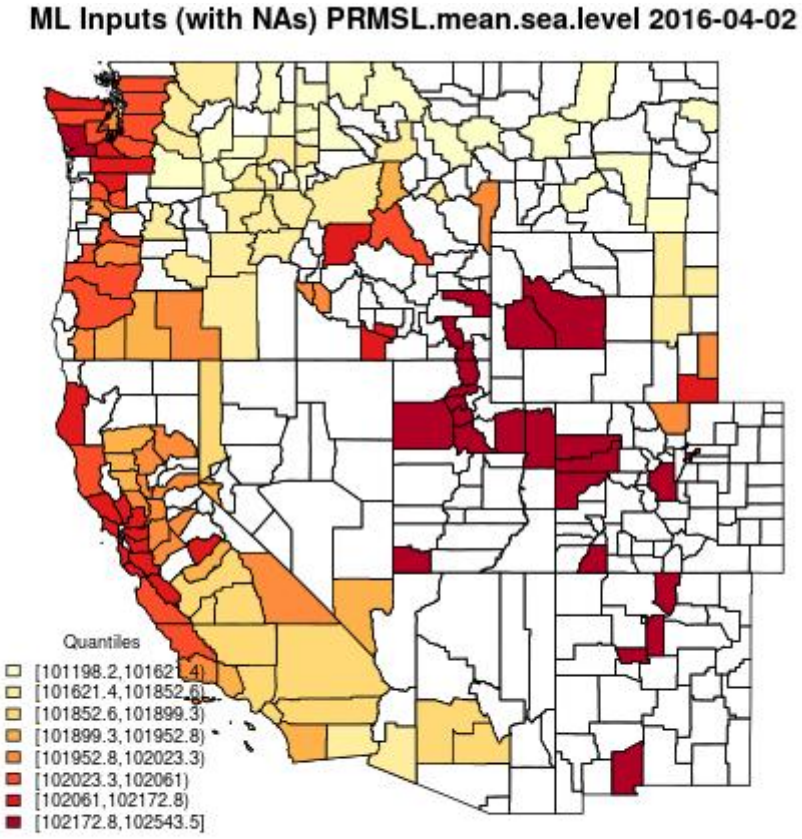

Figure 115: ML Inputs (with NAs) PRMSL.mean.sea.level 2016-04-02

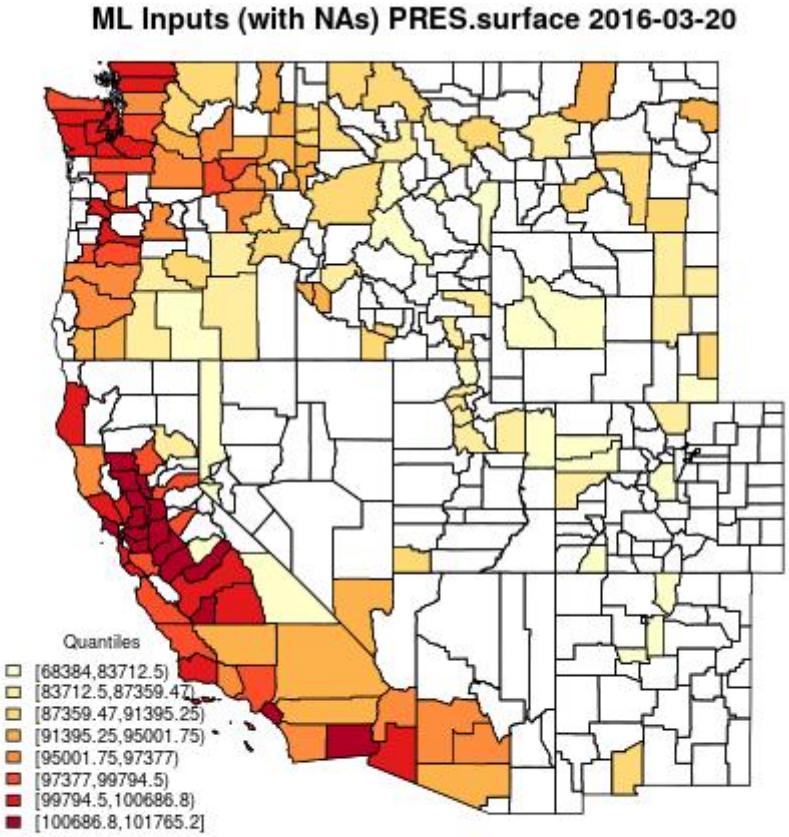

Figure 116: ML Inputs (with NAs) PRES.surface 2016-03-20

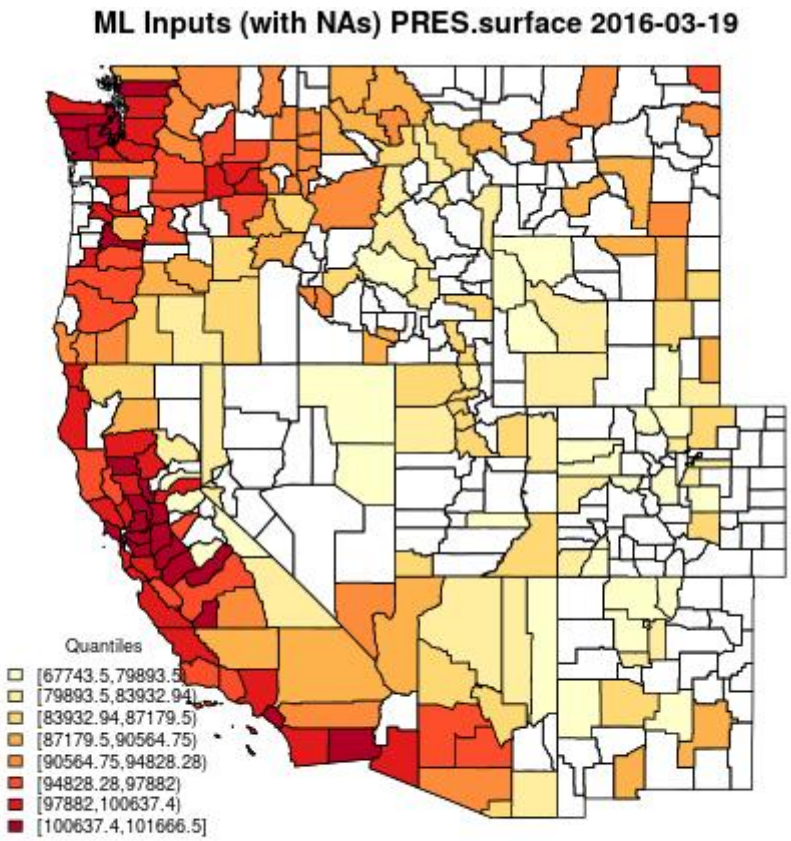

Figure 117: ML Inputs (with NAs) PRES.surface 2016-03-19

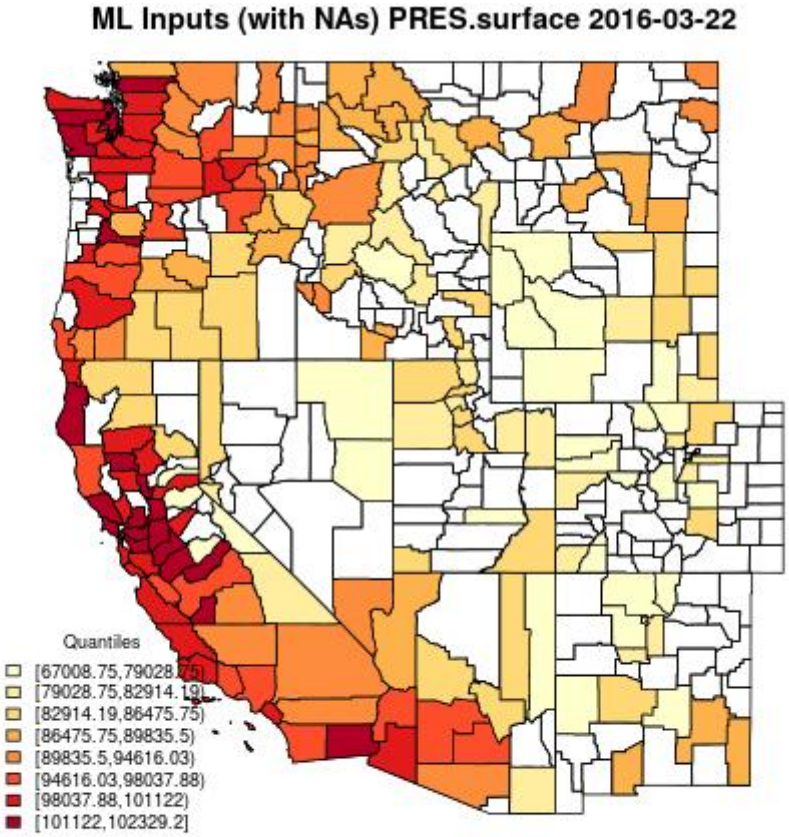

Figure 118: ML Inputs (with NAs) PRES.surface 2016-03-22

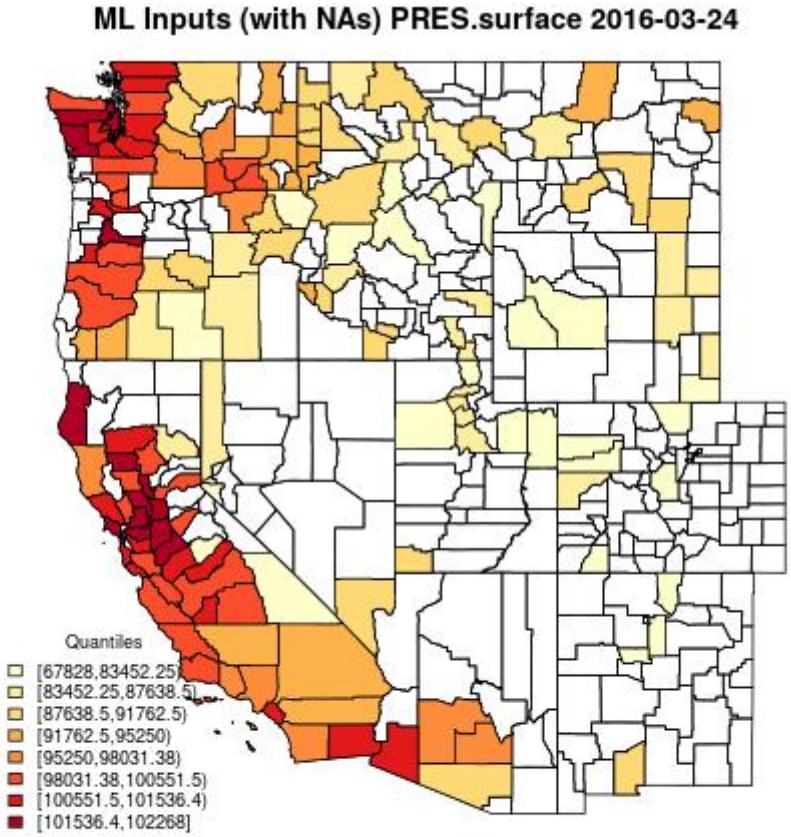

Figure 119: ML Inputs (with NAs) PRES.surface 2016-03-24

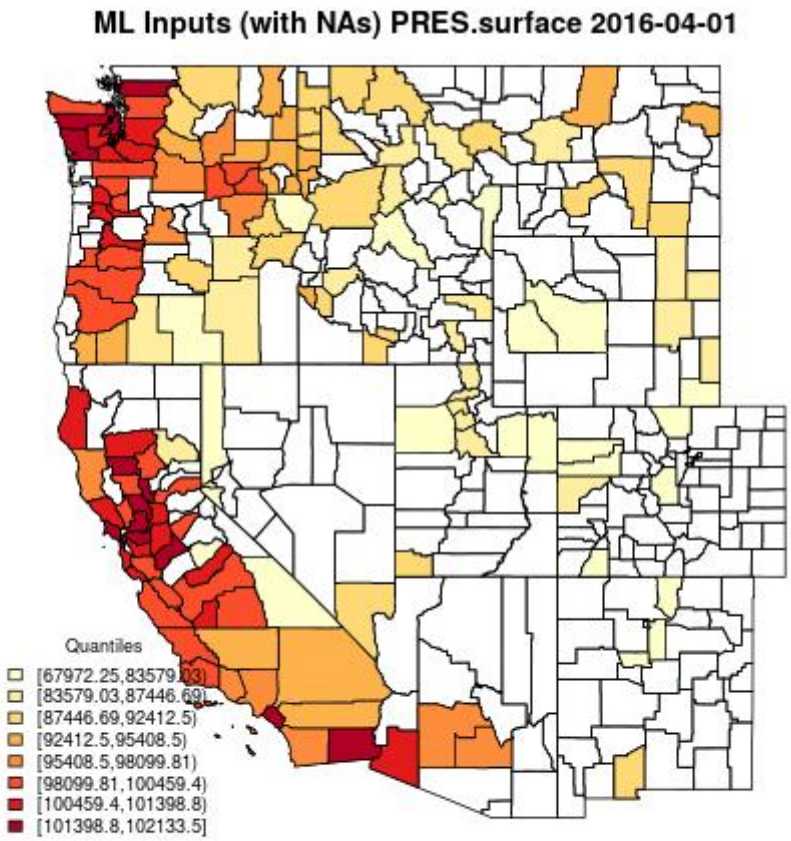

Figure 120: ML Inputs (with NAs) PRES.surface 2016-04-01

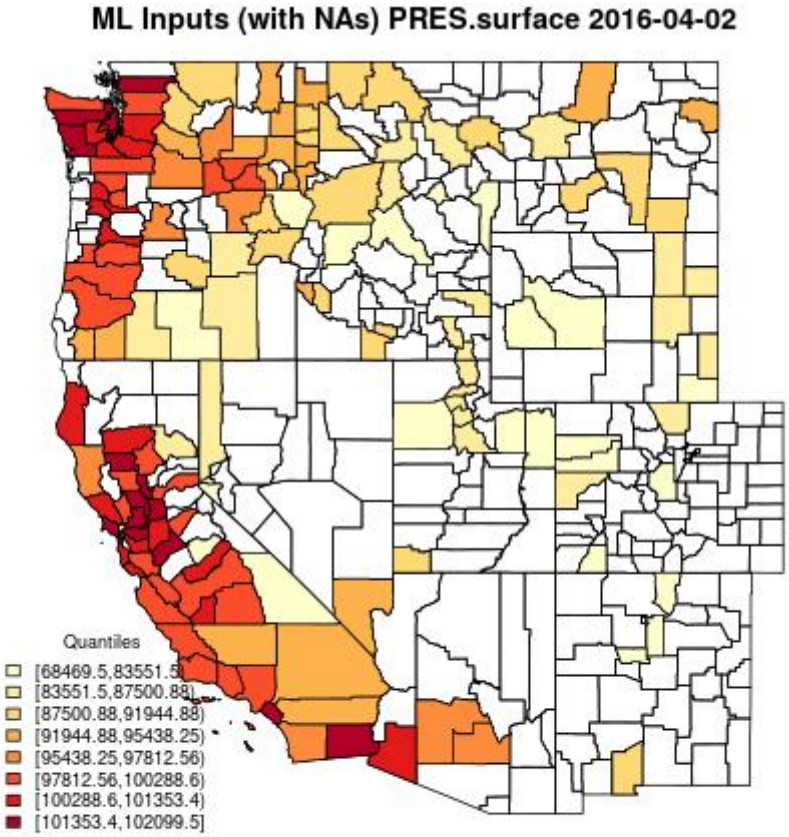

Figure 121: ML Inputs (with NAs) PRES.surface 2016-04-02

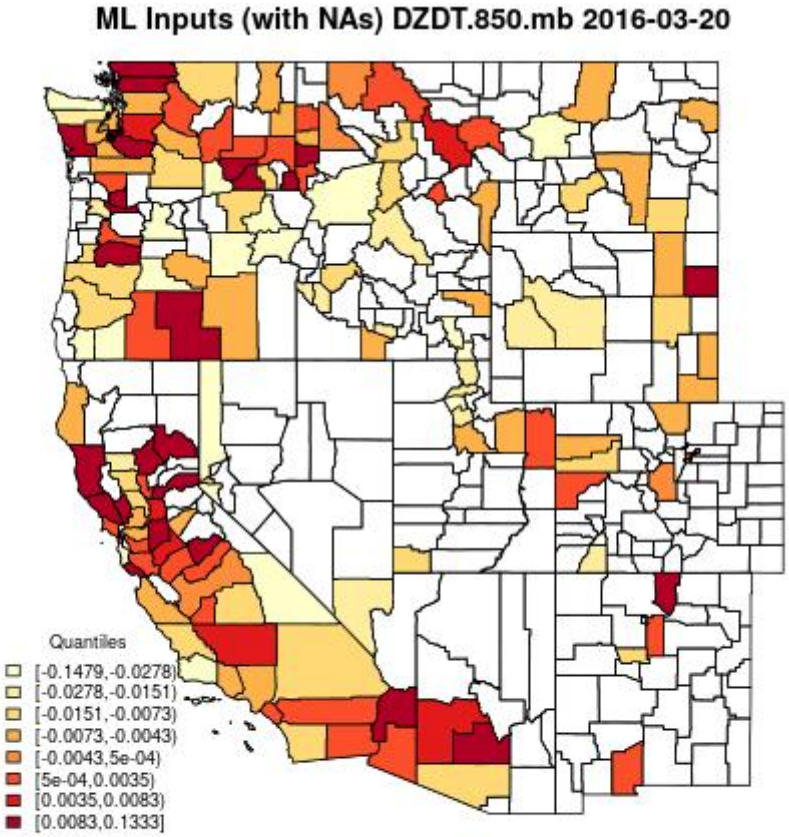

Figure 122: ML Inputs (with NAs) DZDT.850.mb 2016-03-20

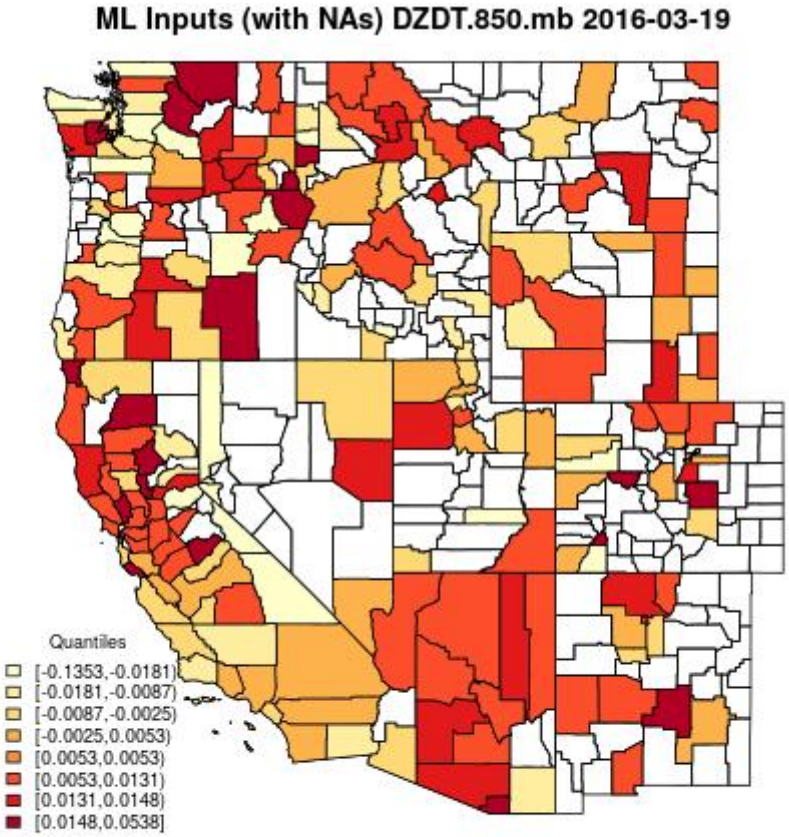

Figure 123: ML Inputs (with NAs) DZDT.850.mb 2016-03-19

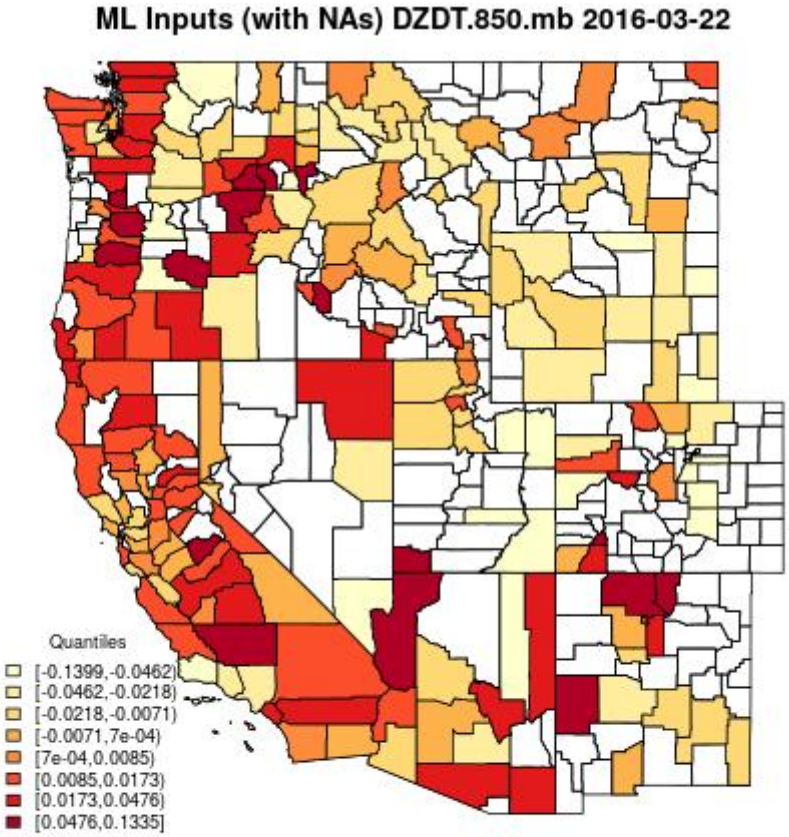

Figure 124: ML Inputs (with NAs) DZDT.850.mb 2016-03-22

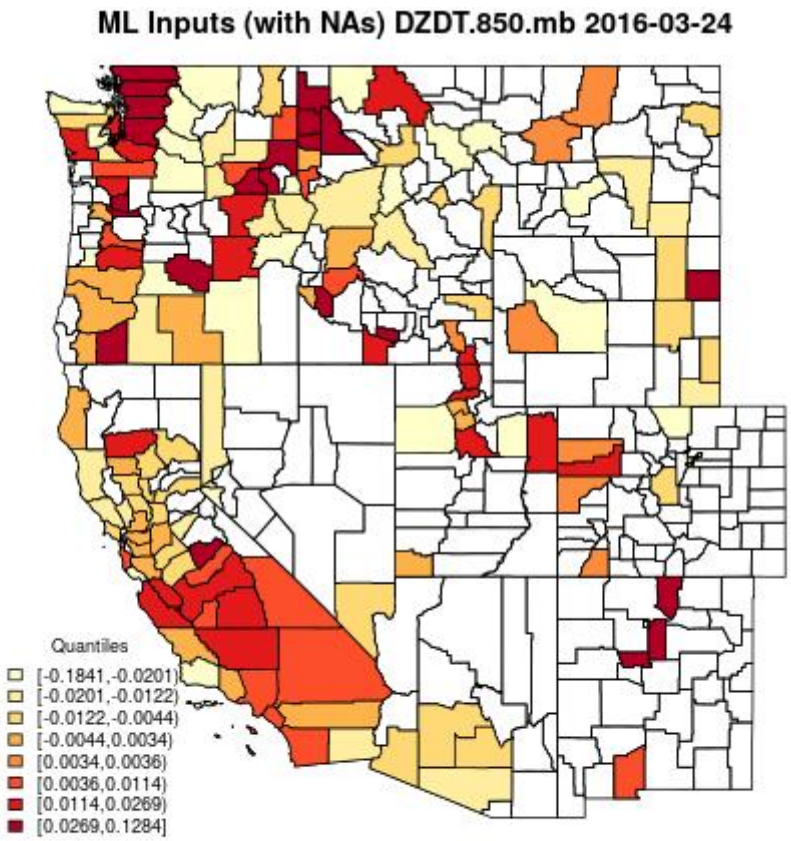

Figure 125: ML Inputs (with NAs) DZDT.850.mb 2016-03-24

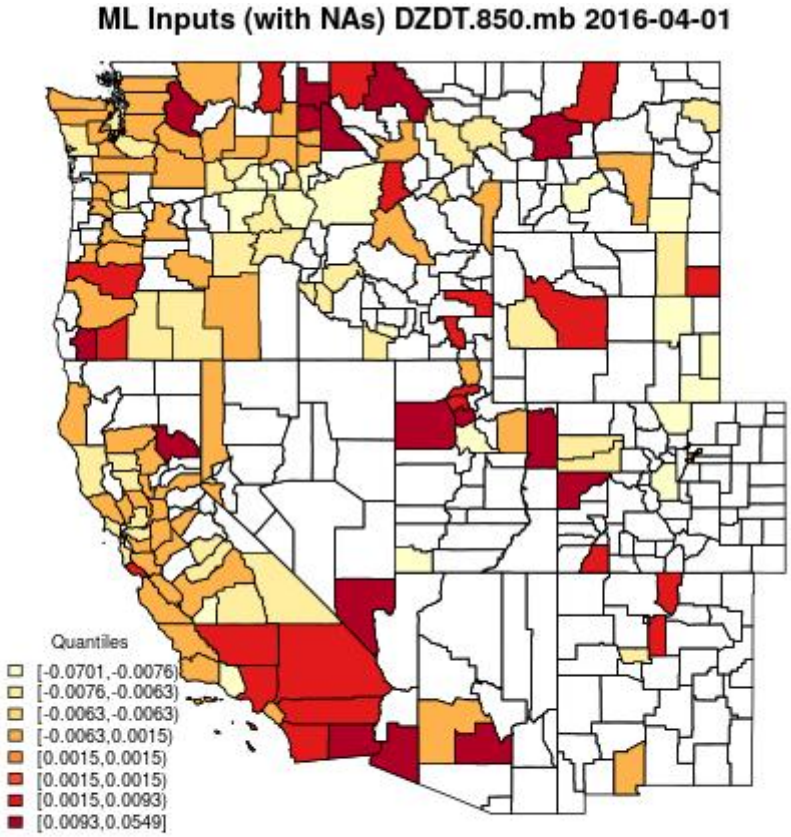

Figure 126: ML Inputs (with NAs) DZDT.850.mb 2016-04-01

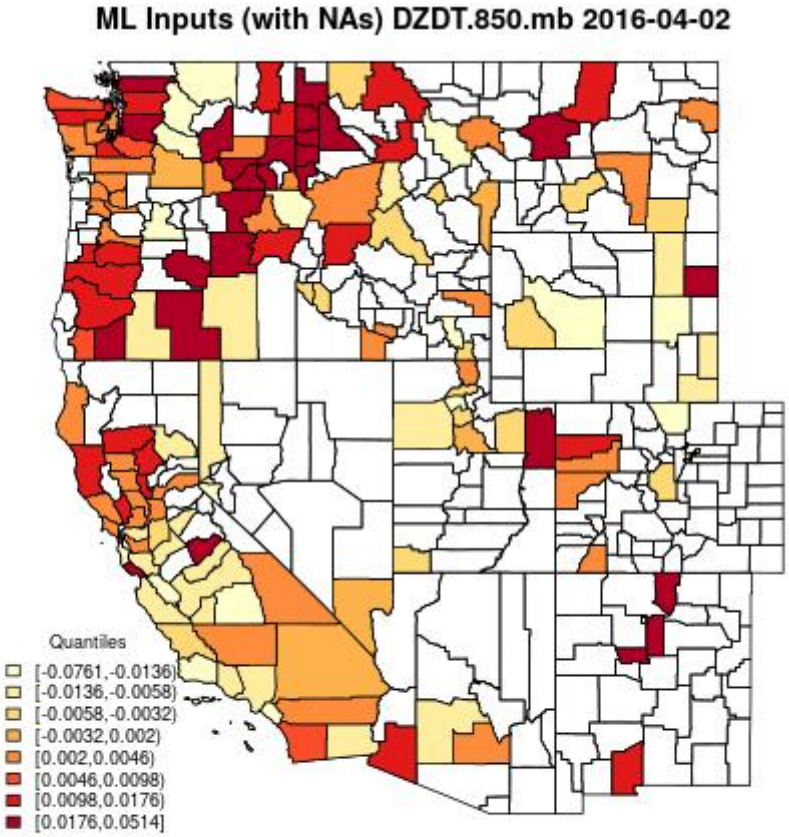

Figure 127: ML Inputs (with NAs) DZDT.850.mb 2016-04-02

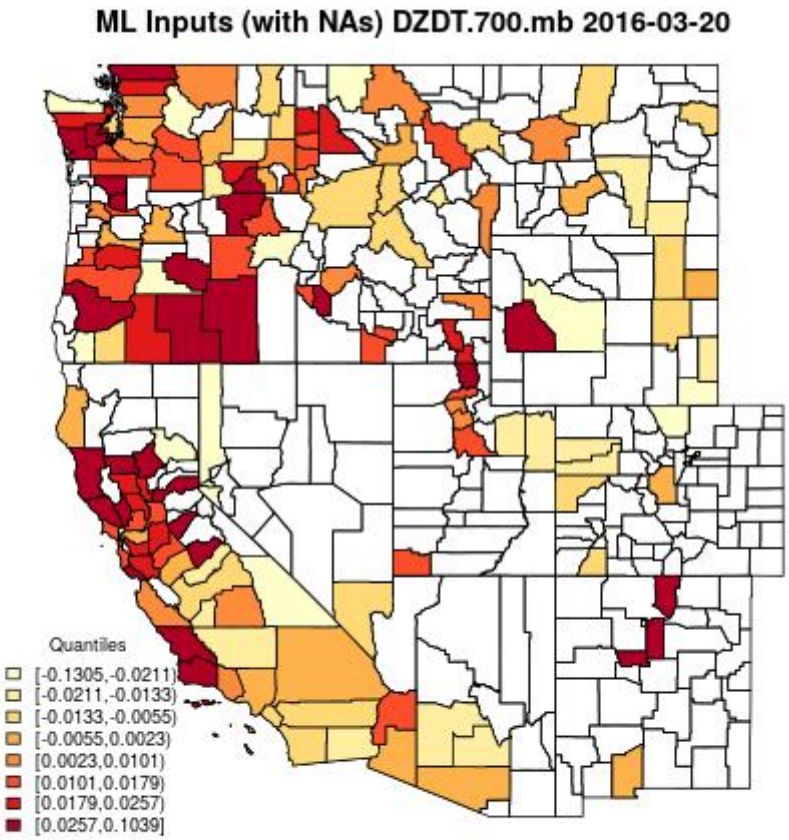

Figure 128: ML Inputs (with NAs) DZDT.700.mb 2016-03-20

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

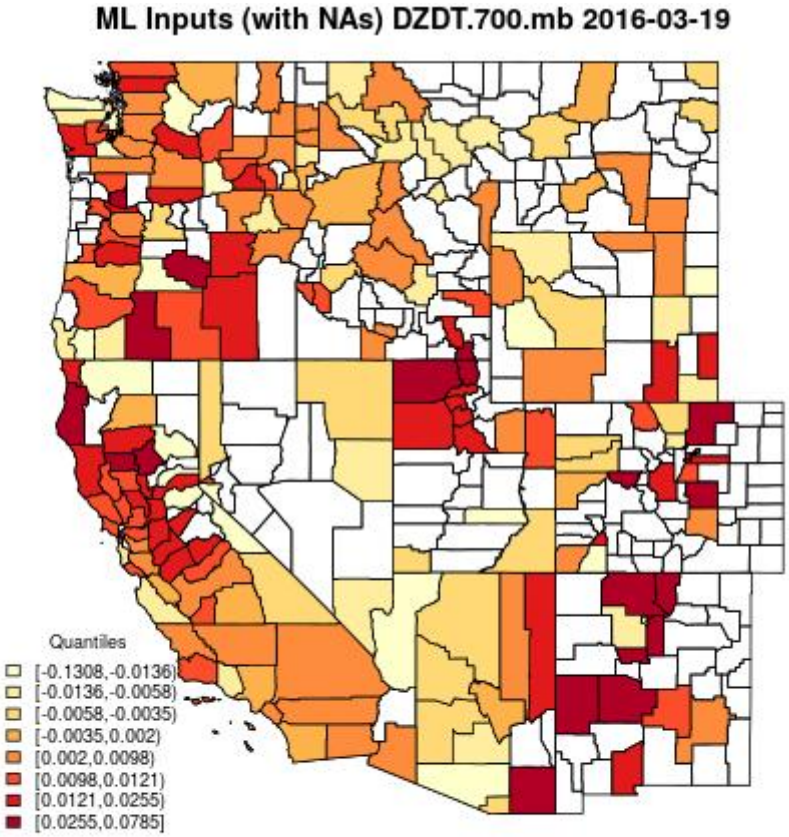

Figure 129: ML Inputs (with NAs) DZDT.700.mb 2016-03-19

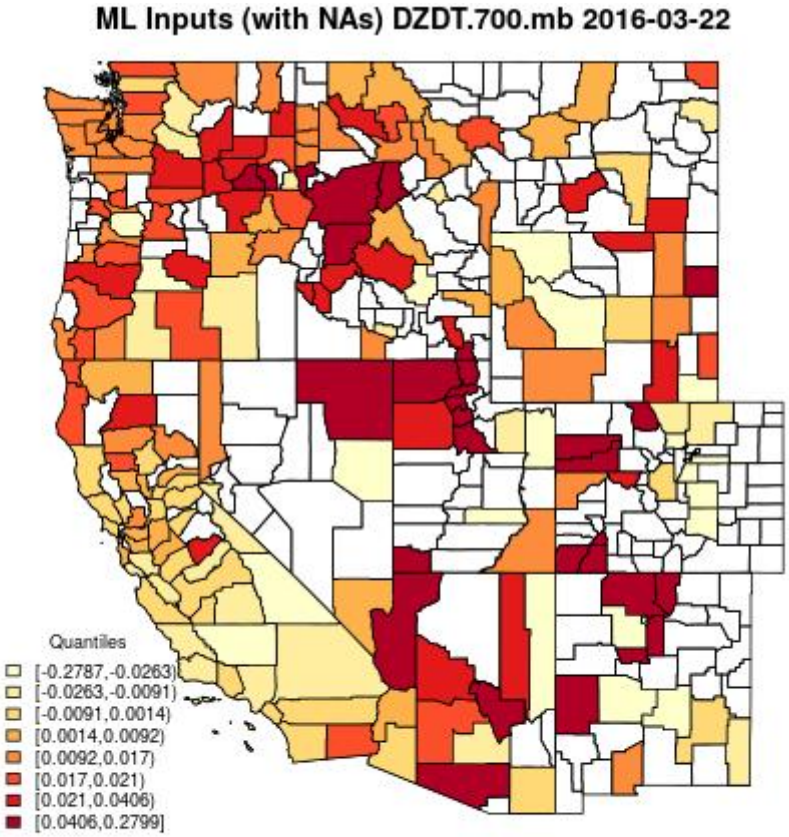

Figure 130: ML Inputs (with NAs) DZDT.700.mb 2016-03-22

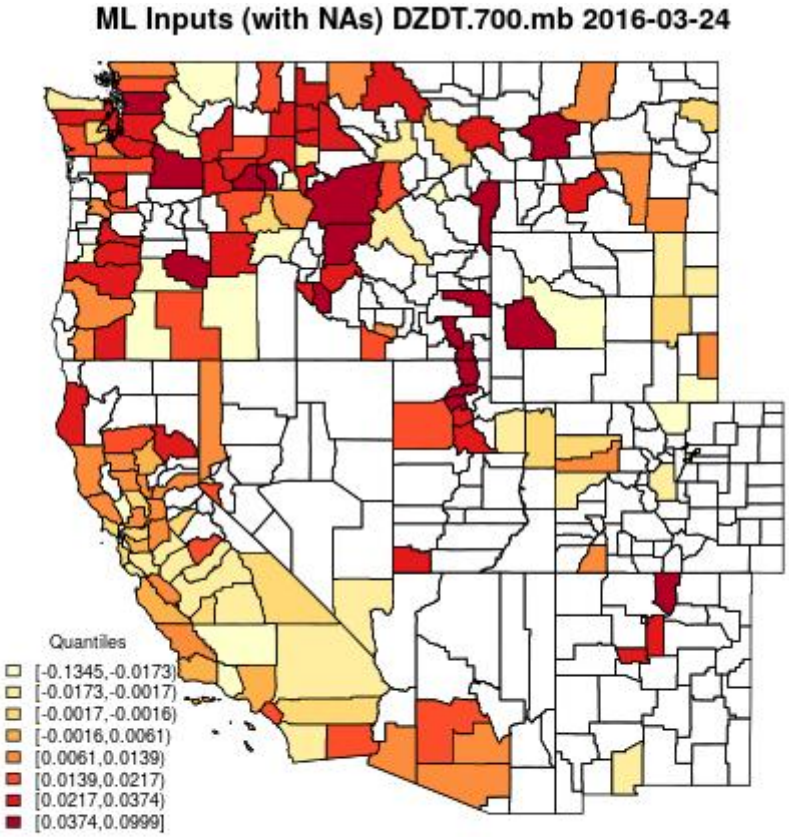

Figure 131: ML Inputs (with NAs) DZDT.700.mb 2016-03-24

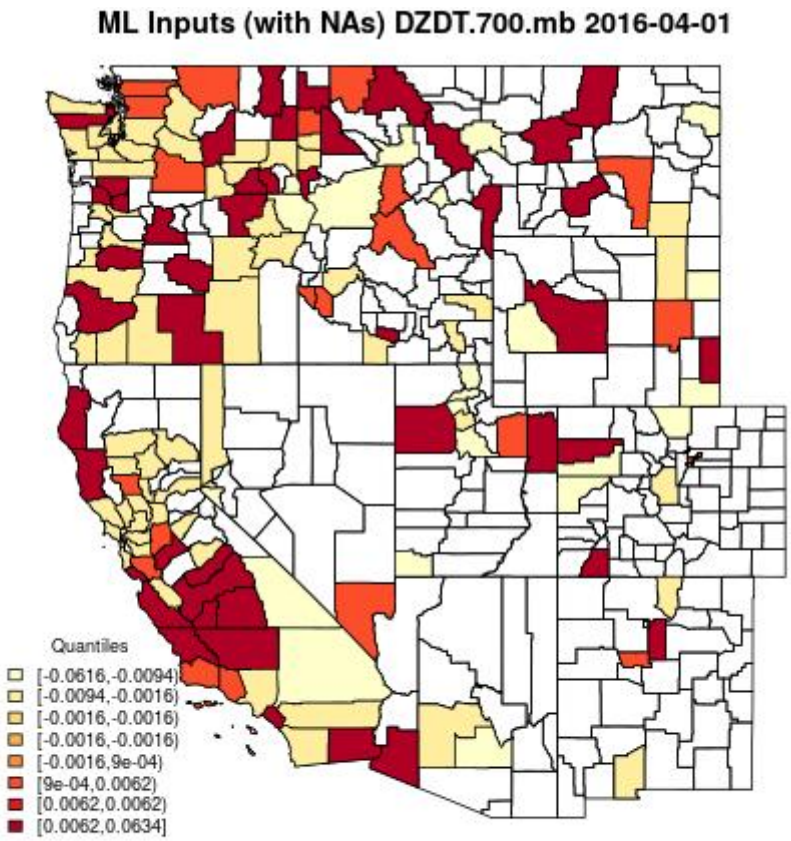

Figure 132: ML Inputs (with NAs) DZDT.700.mb 2016-04-01

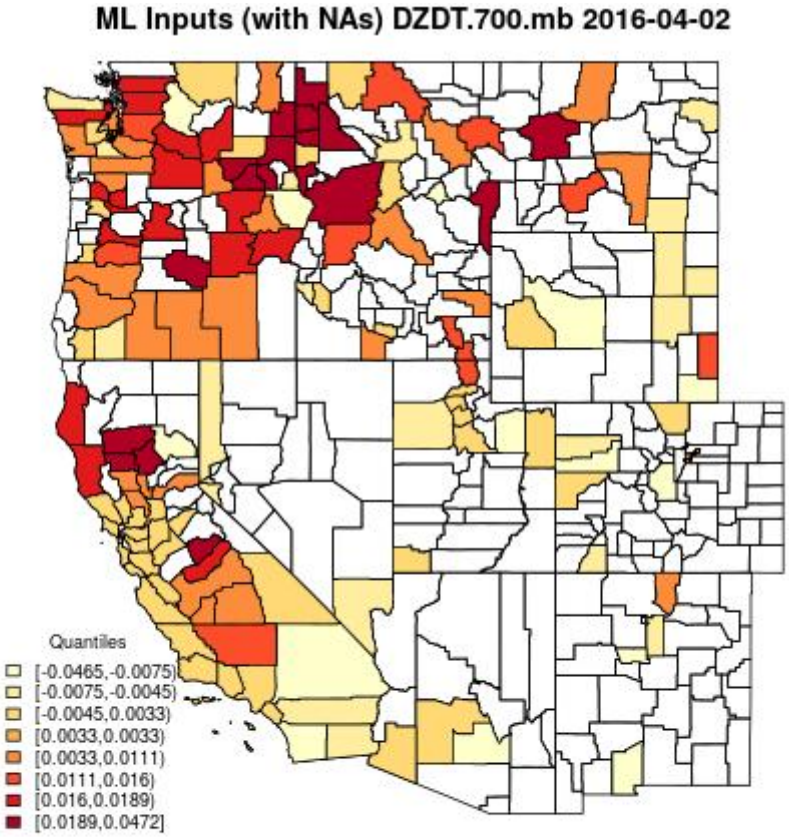

Figure 133: ML Inputs (with NAs) DZDT.700.mb 2016-04-02

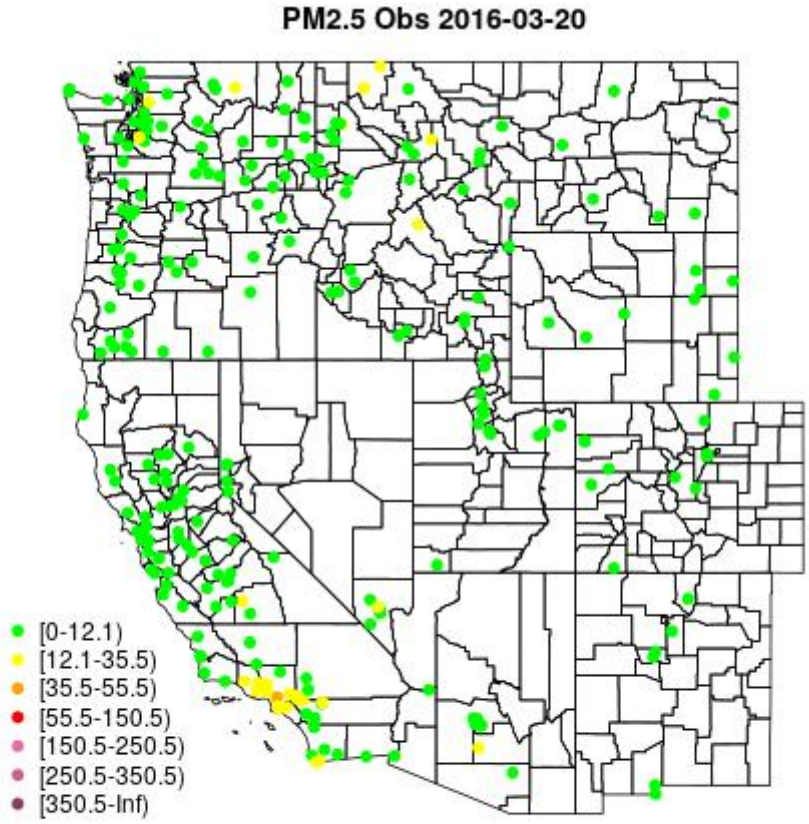

Figure 134: PM2.5 Obs 2016-03-20

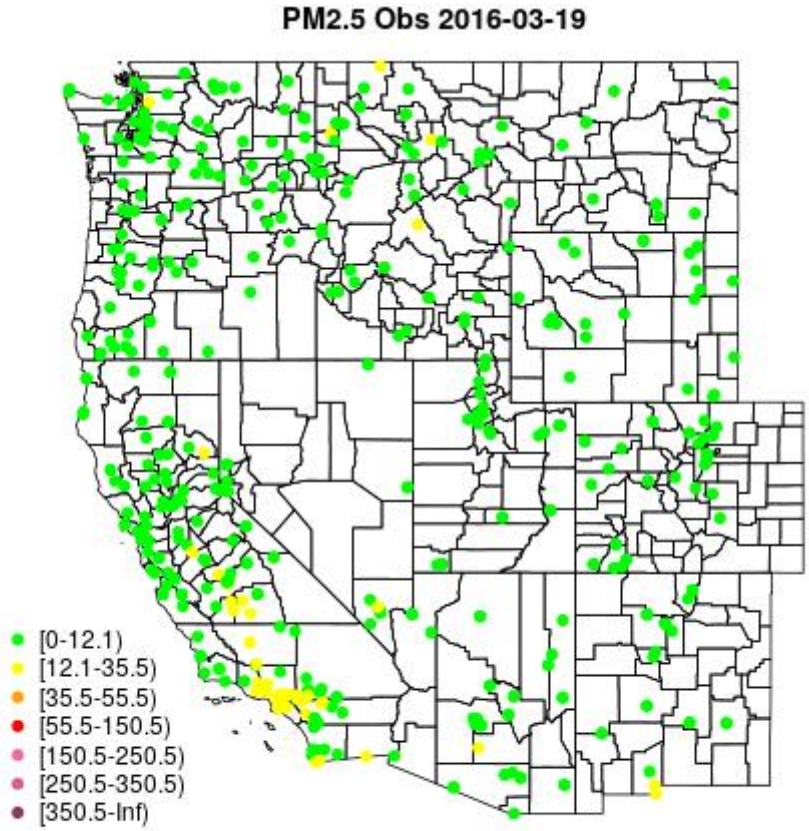

Figure 135: PM2.5 Obs 2016-03-19

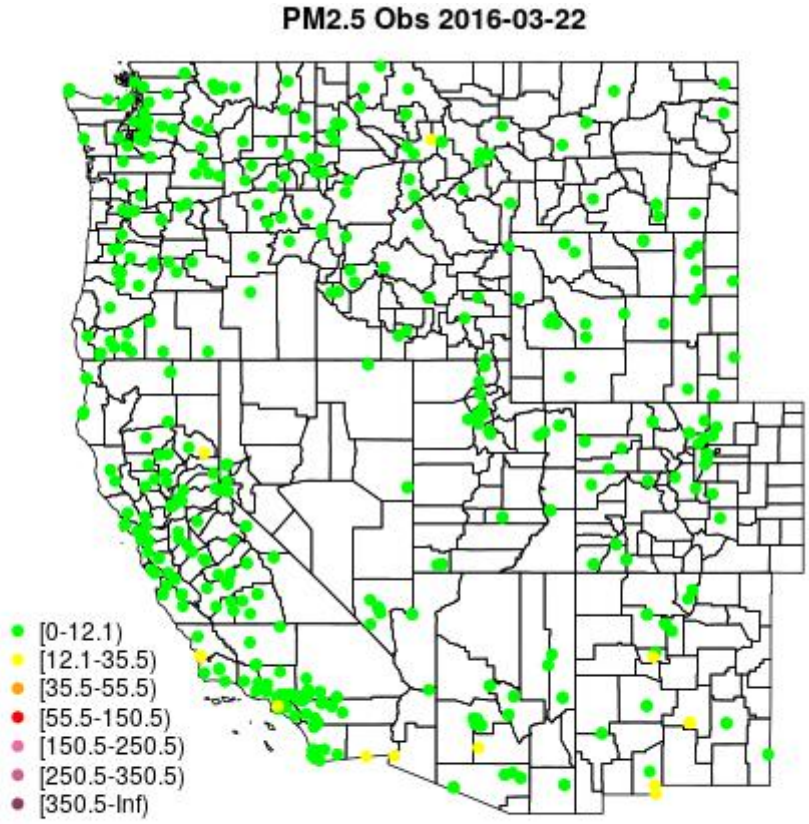

Figure 136: PM2.5 Obs 2016-03-22

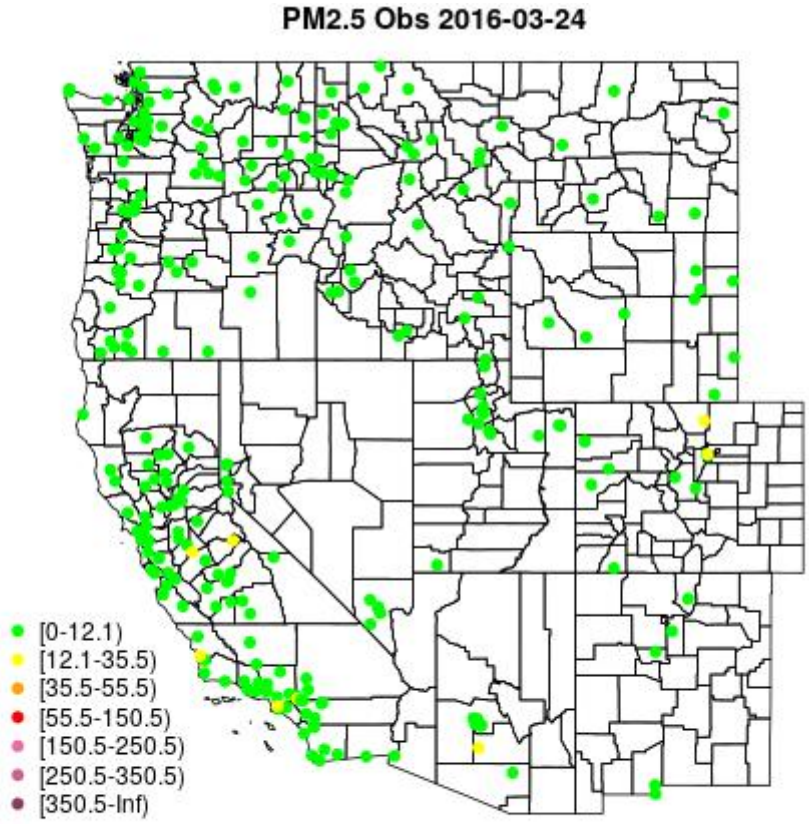

Figure 137: PM2.5 Obs 2016-03-24

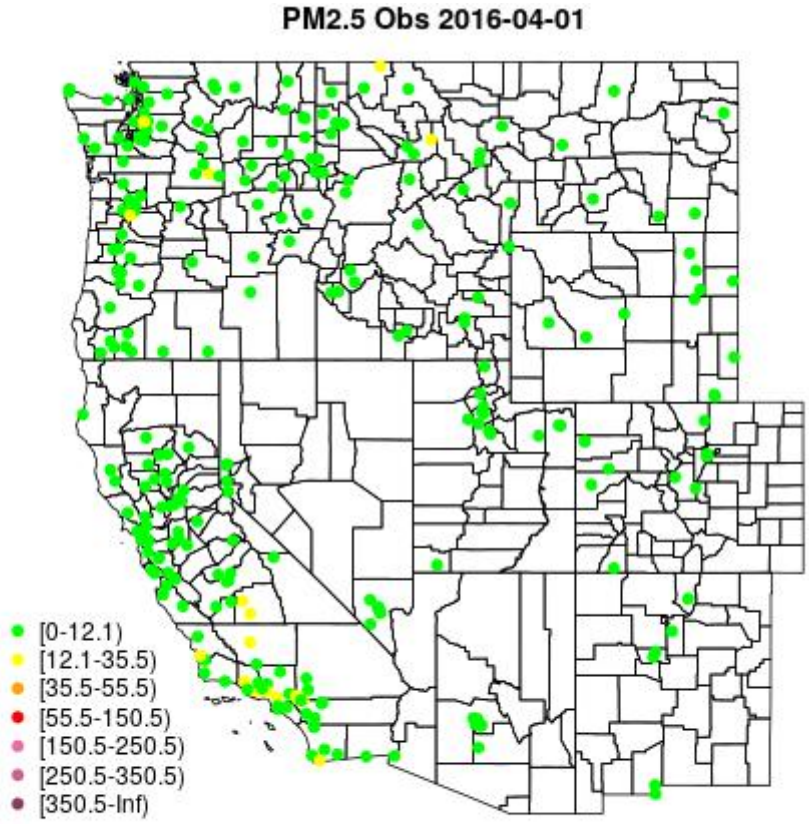

Figure 138: PM2.5 Obs 2016-04-01

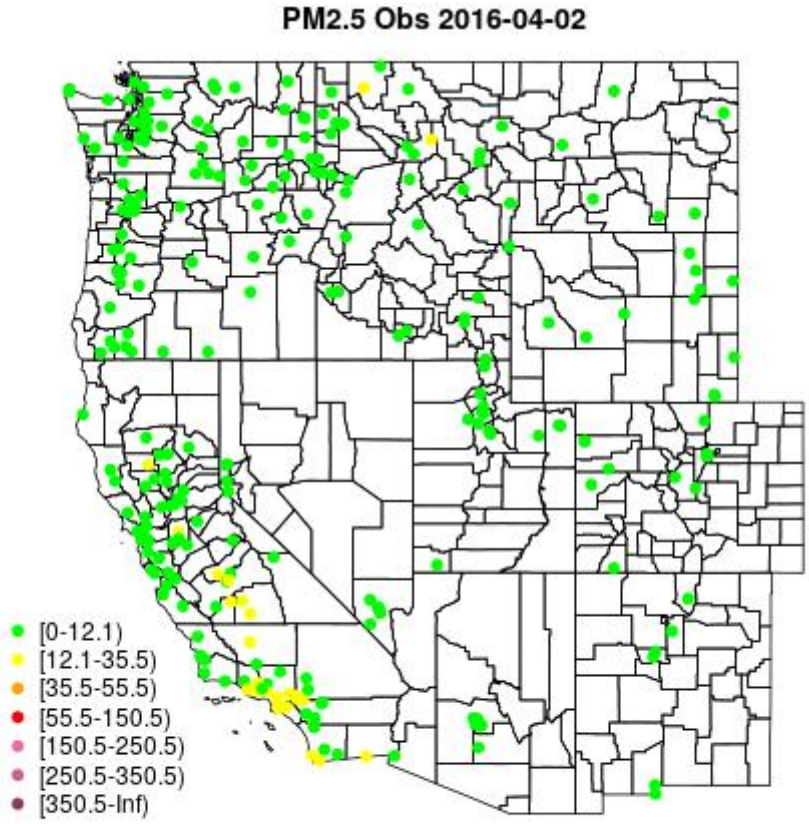

Figure 139: PM2.5 Obs 2016-04-02

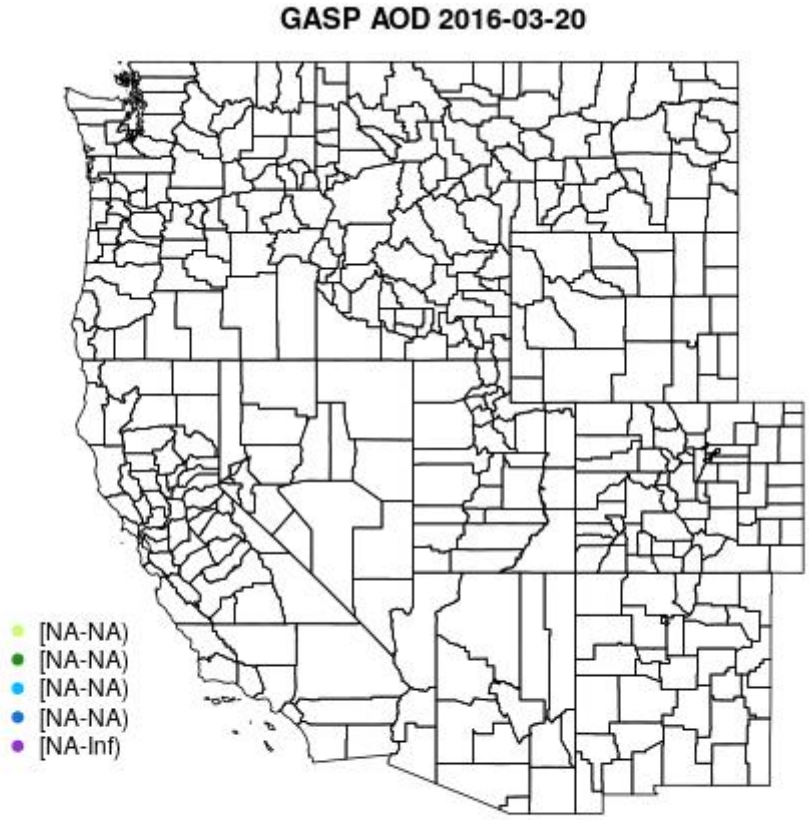

Figure 140: GASP AOD 2016-03-20

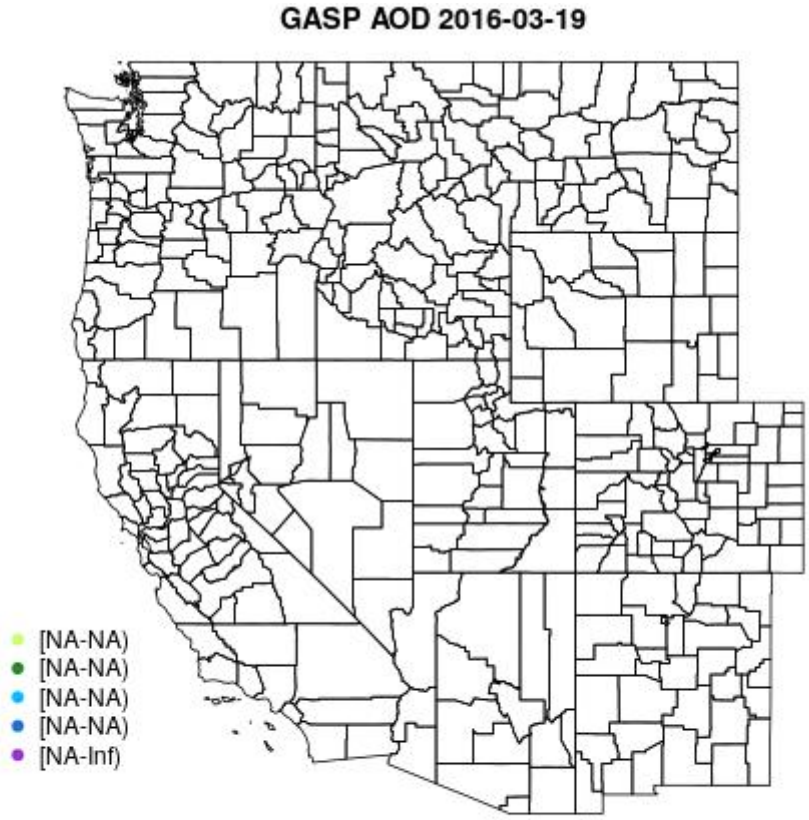

Figure 141: GASP AOD 2016-03-19

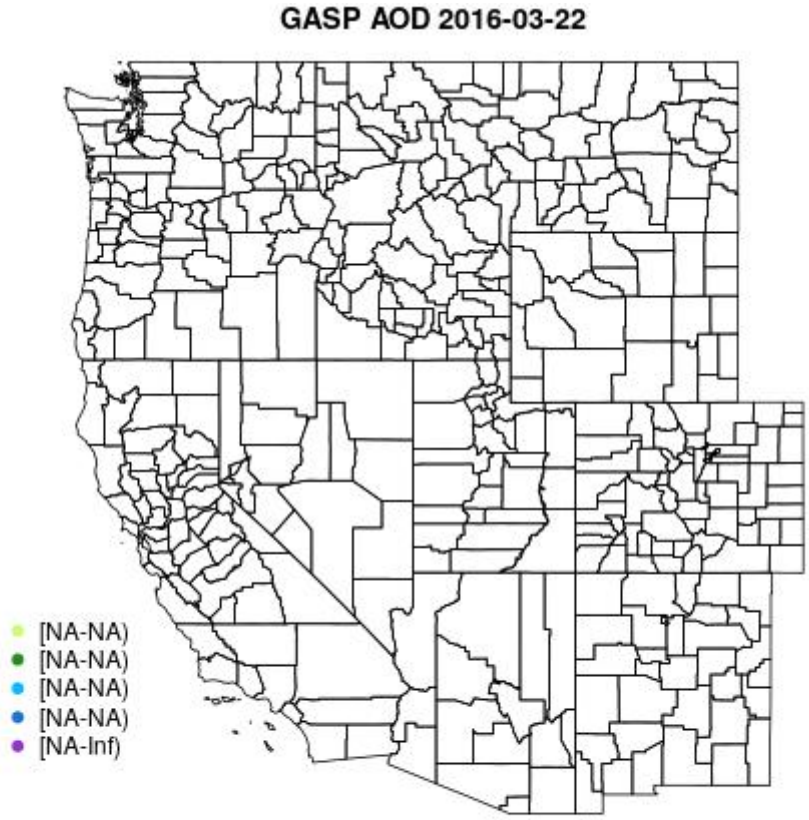

Figure 142: GASP AOD 2016-03-22

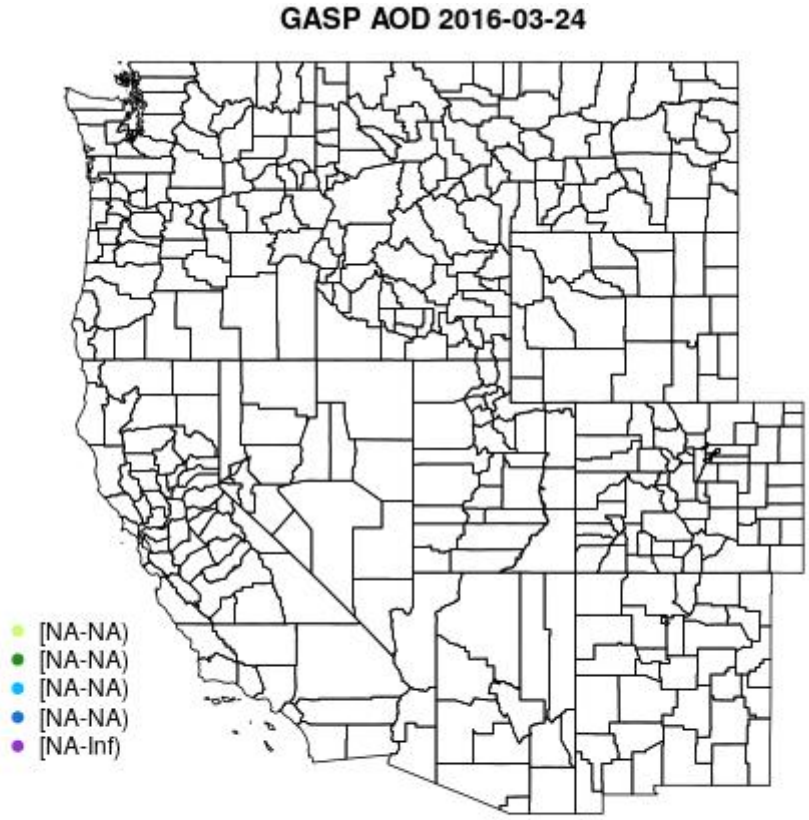

Figure 143: GASP AOD 2016-03-24

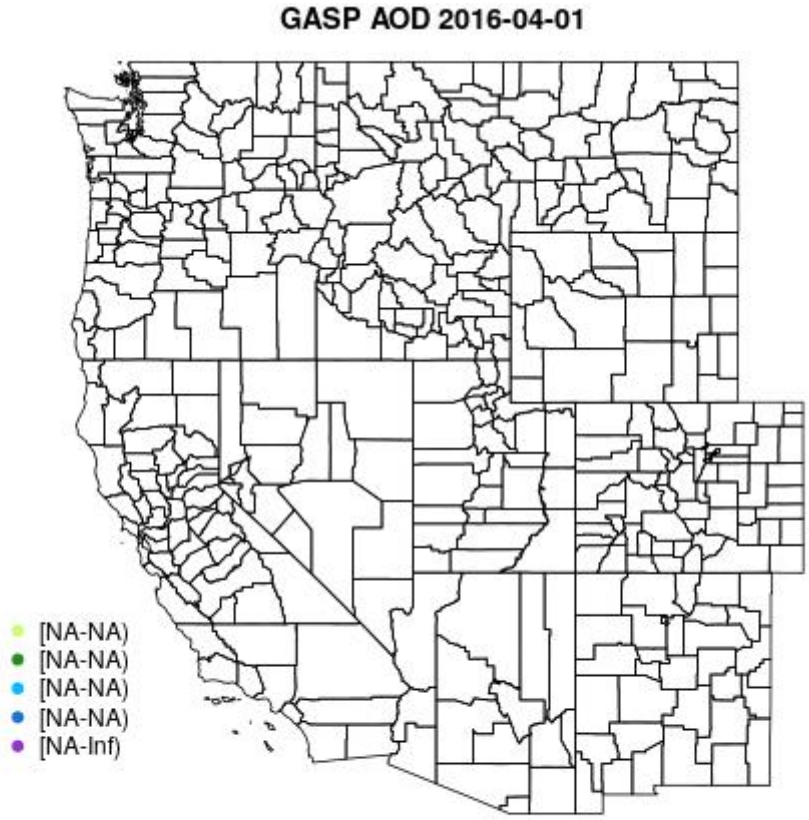

Figure 144: GASP AOD 2016-04-01

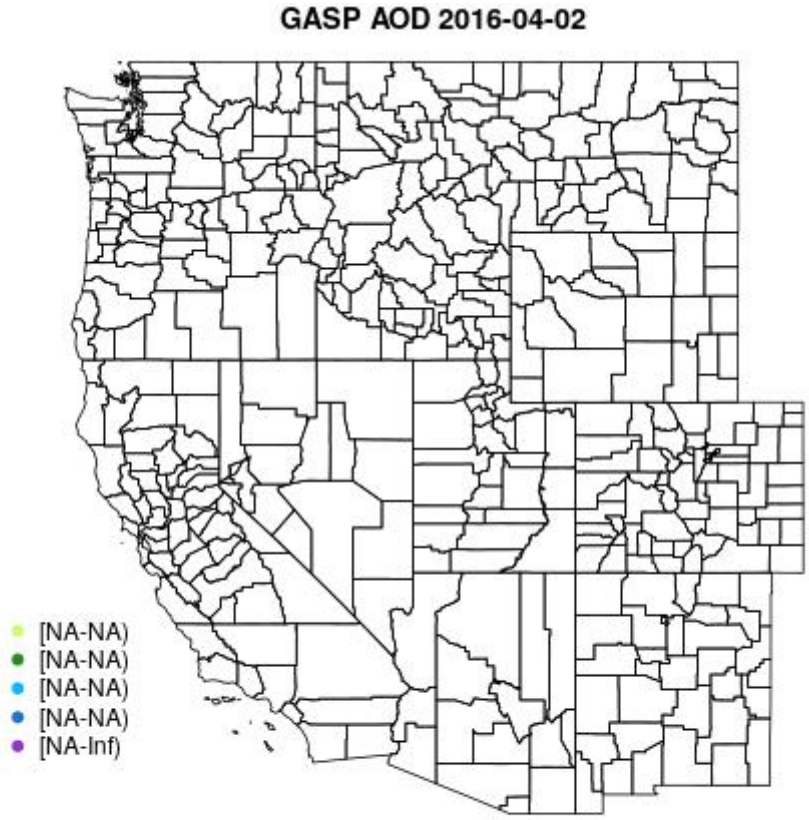

Figure 145: GASP AOD 2016-04-02

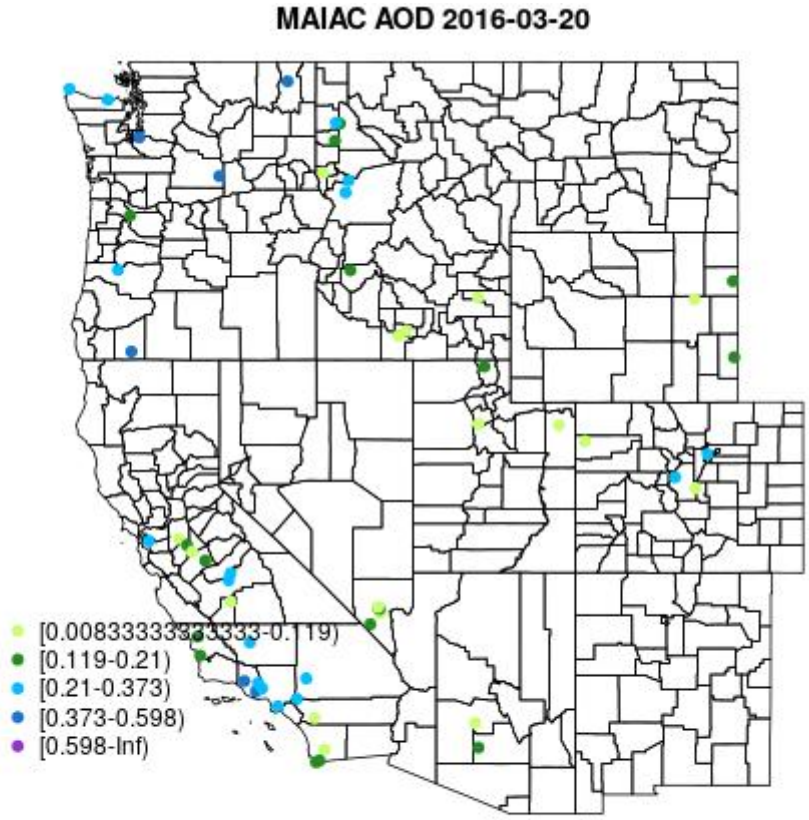

Figure 146: MAIAC AOD 2016-03-20

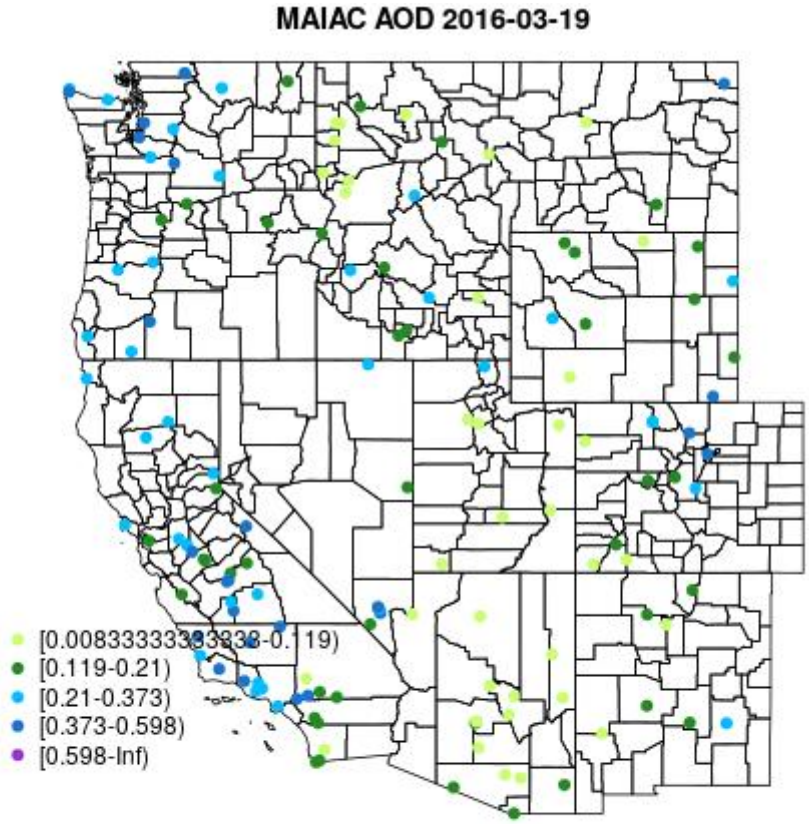

Figure 147: MAIAC AOD 2016-03-19

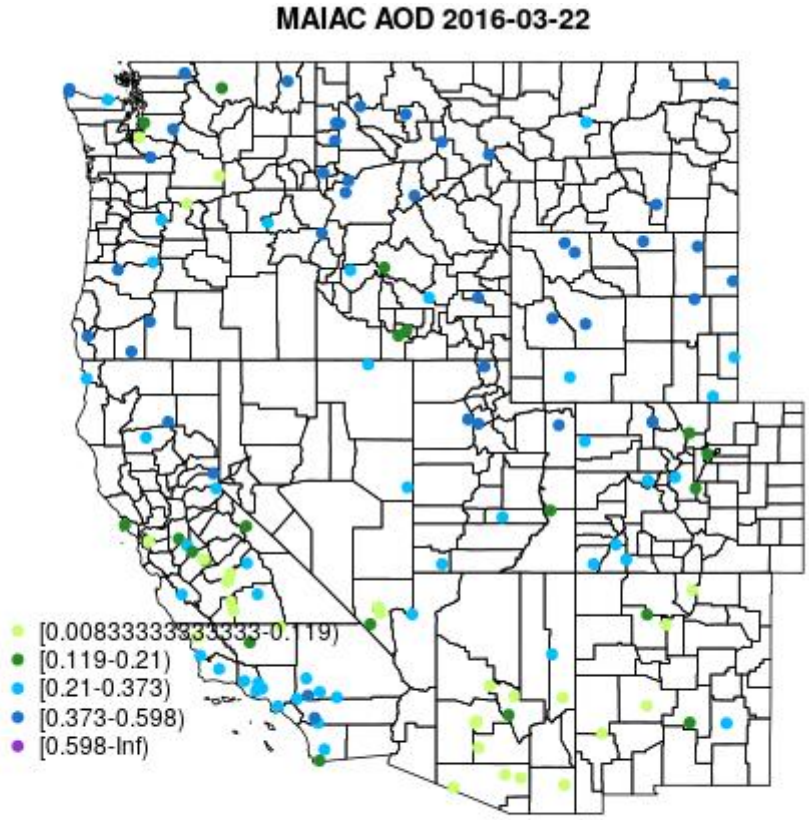

Figure 148: MAIAC AOD 2016-03-22

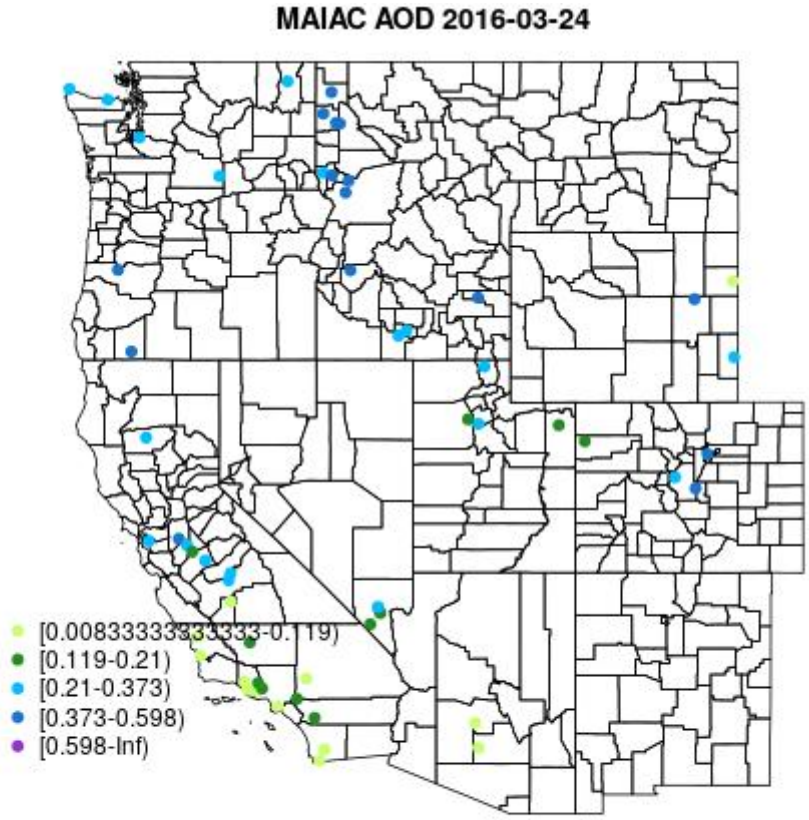

Figure 149: MAIAC AOD 2016-03-24

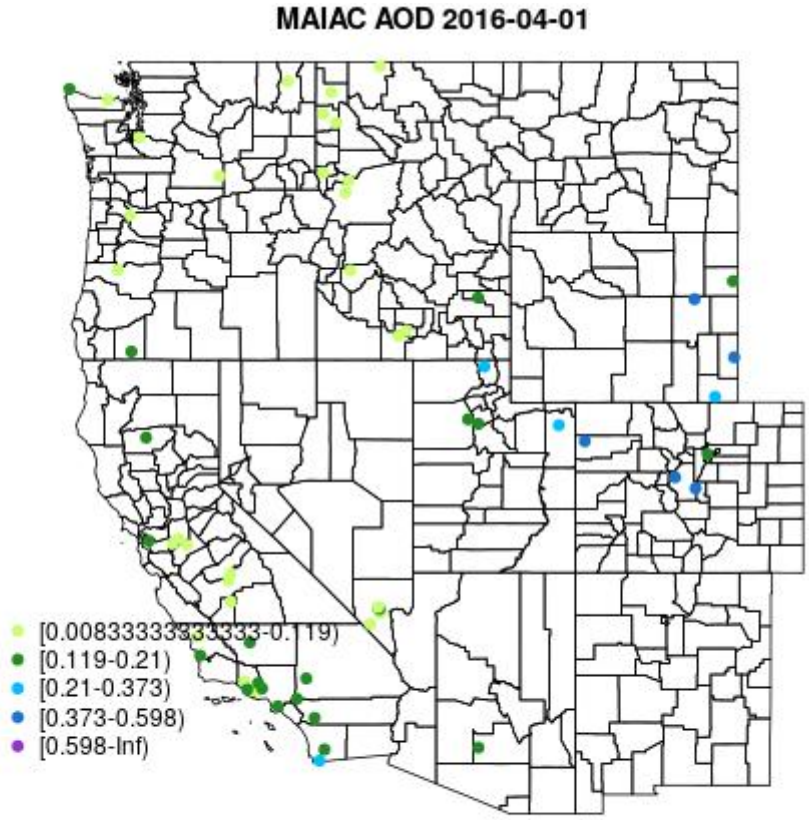

Figure 150: MAIAC AOD 2016-04-01

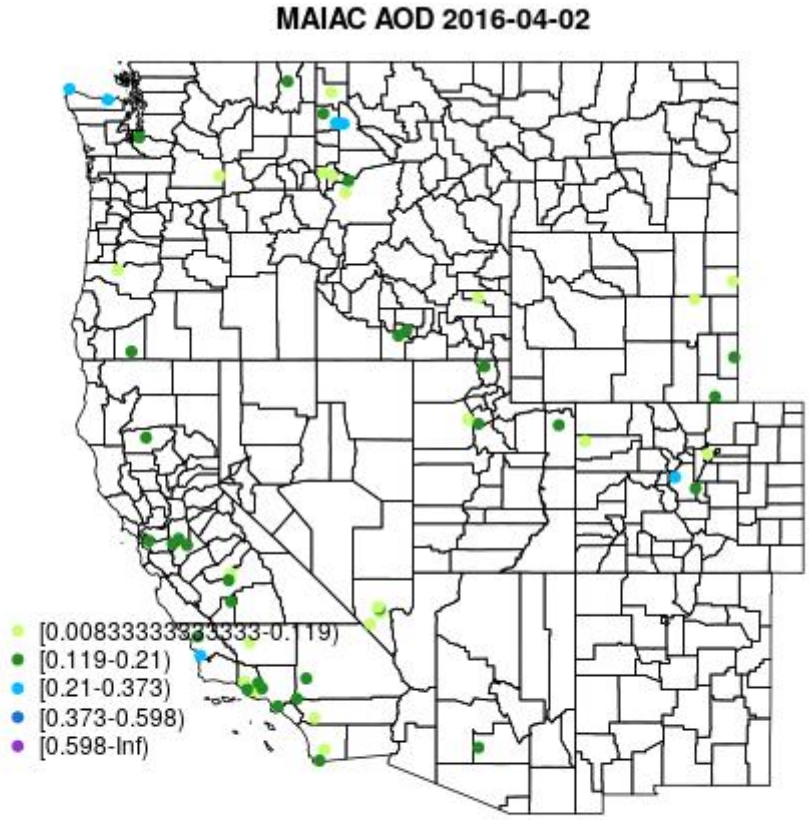

Figure 151: MAIAC AOD 2016-04-02

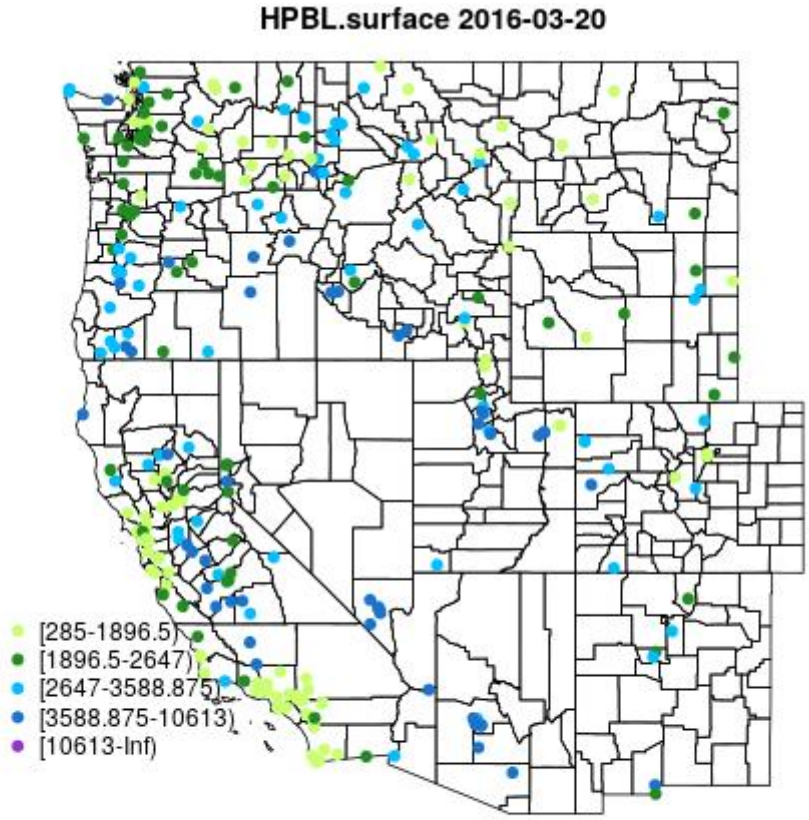

Figure 152: HPBL.surface 2016-03-20

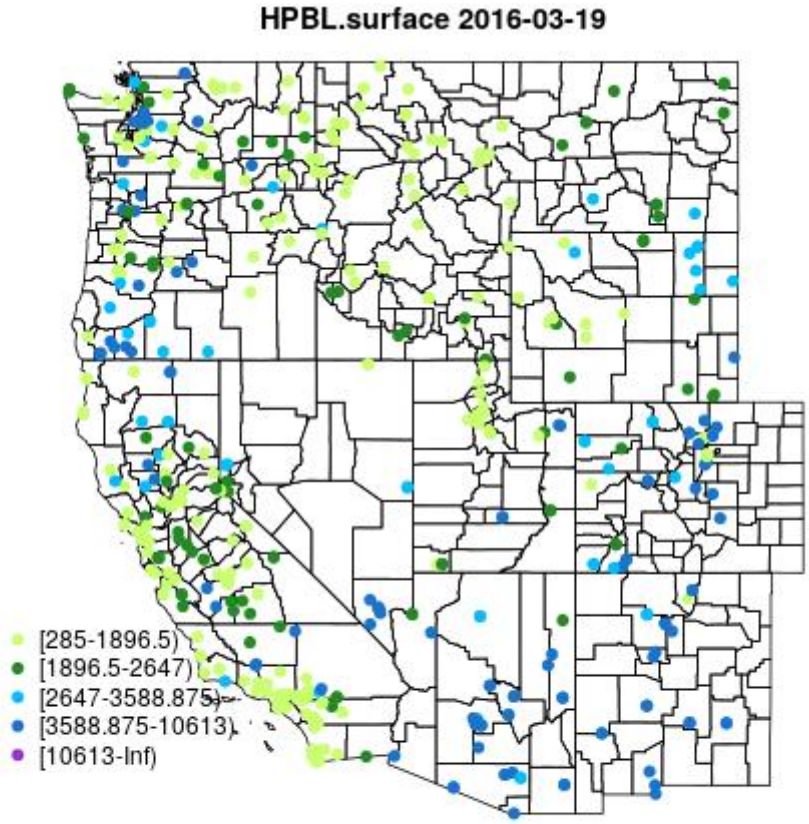

Figure 153: HPBL.surface 2016-03-19

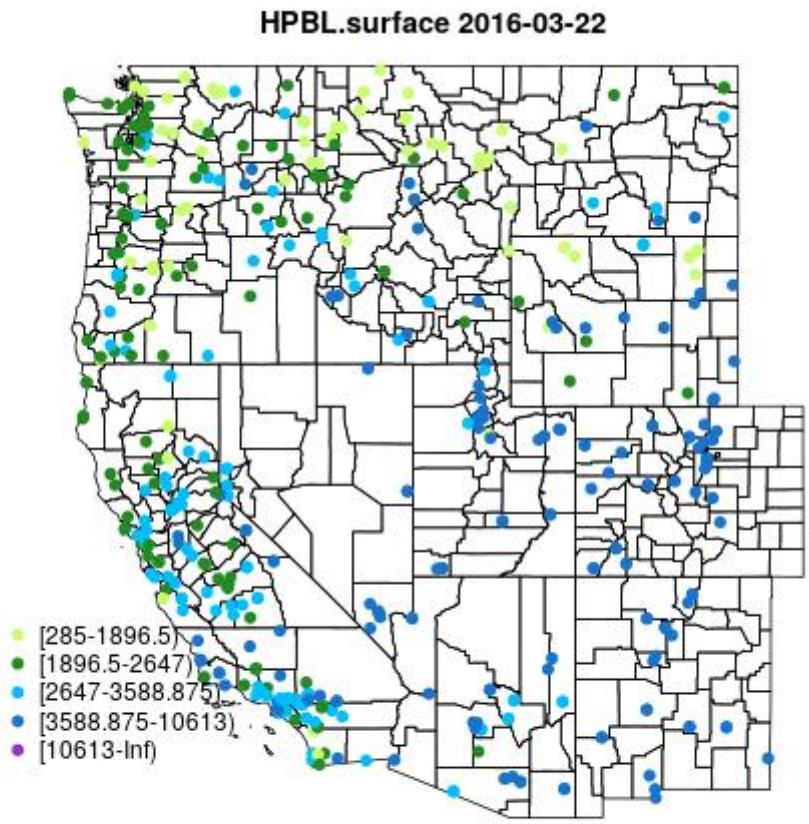

Figure 154: HPBL.surface 2016-03-22

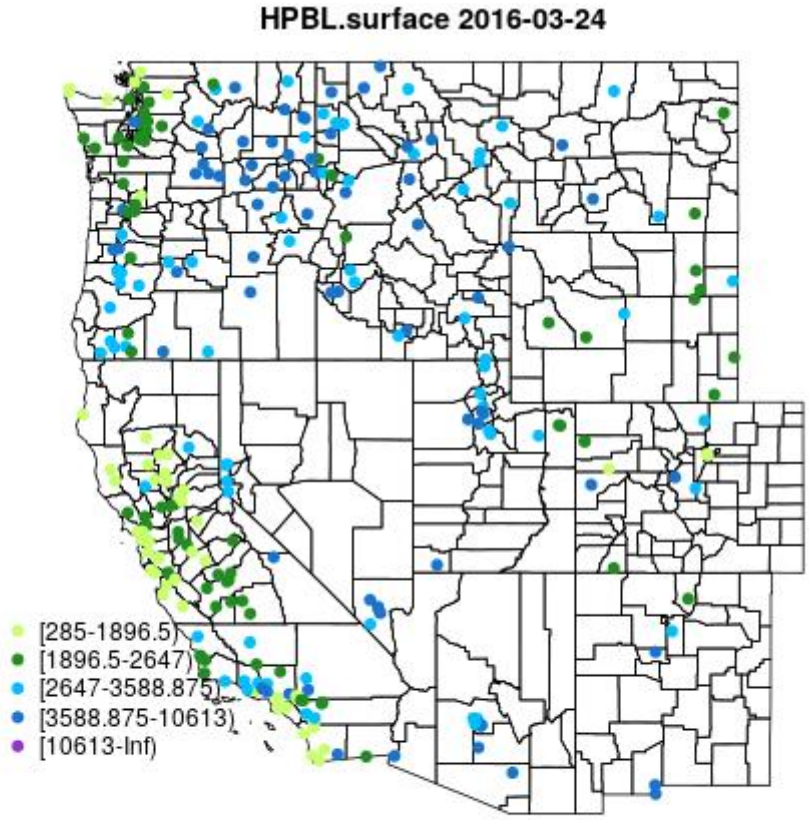

Figure 155: HPBL.surface 2016-03-24

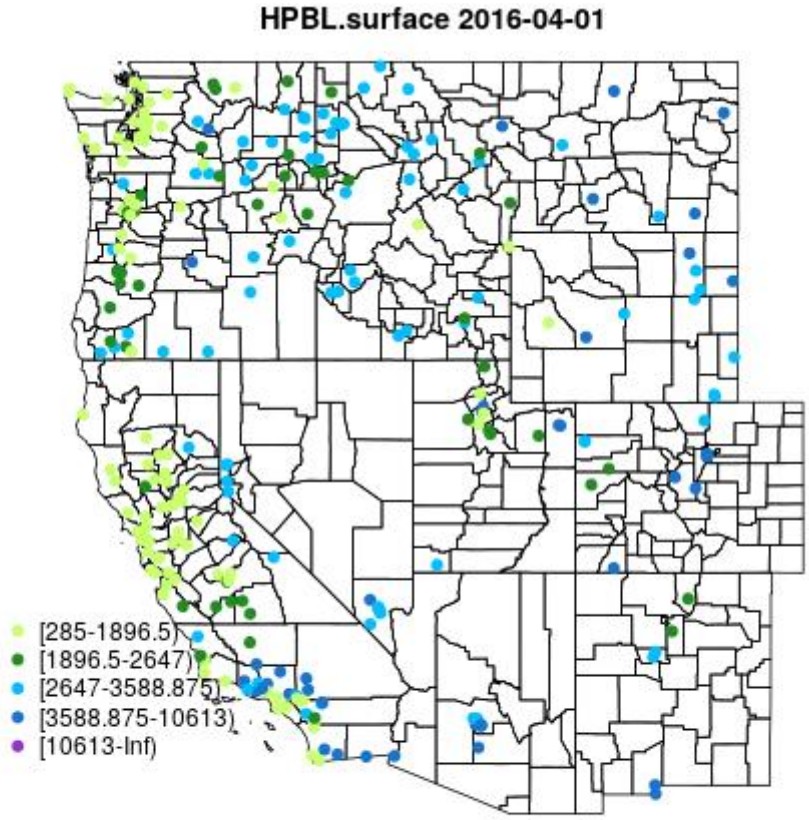

Figure 156: HPBL.surface 2016-04-01

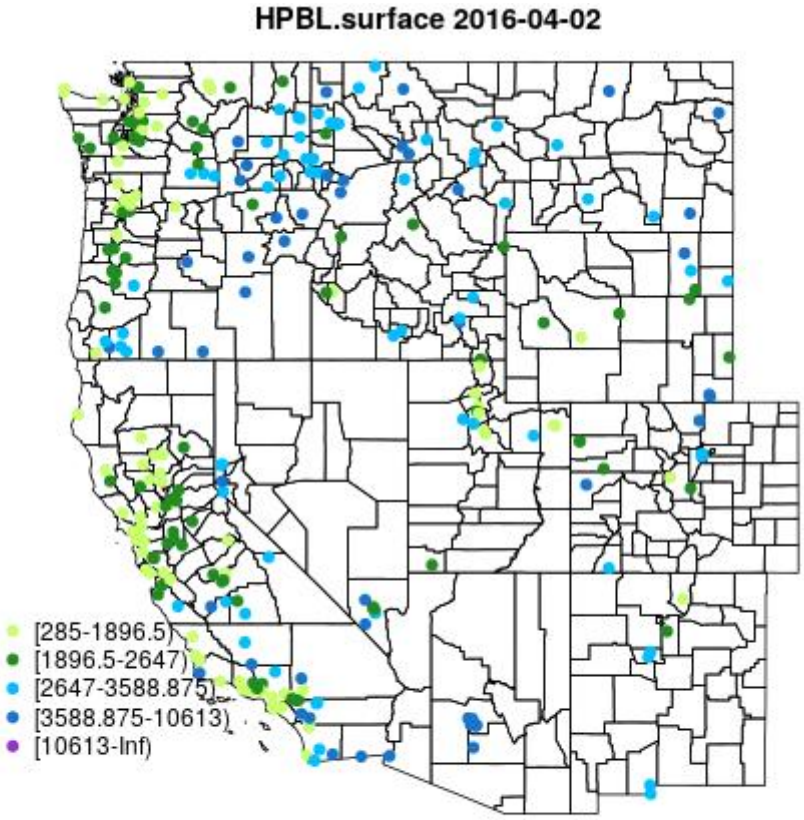

Figure 157: HPBL.surface 2016-04-02

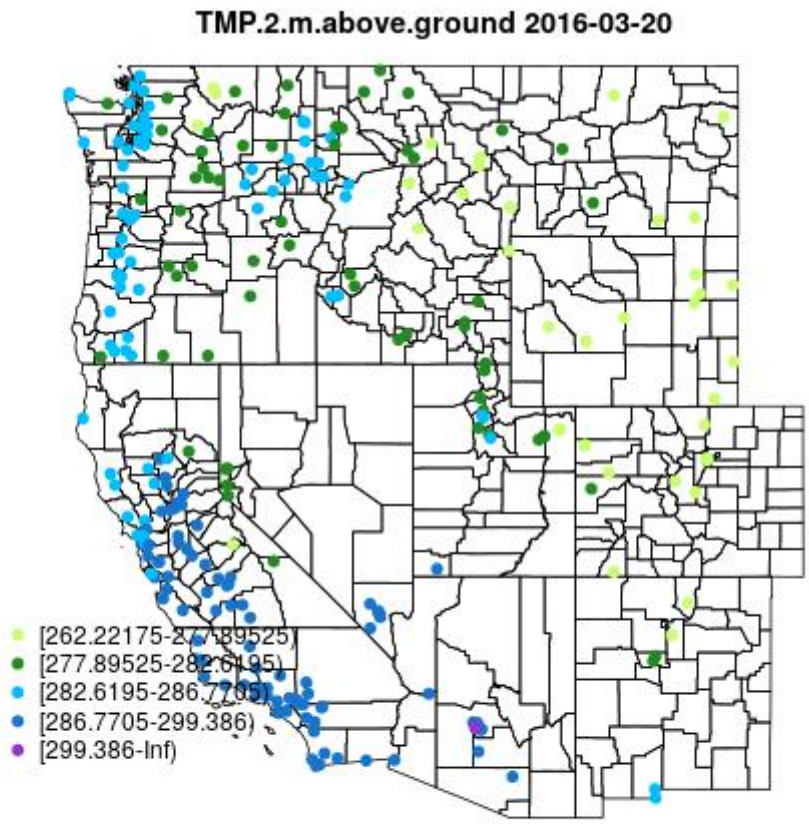

Figure 158: TMP.2.m.above.ground 2016-03-20

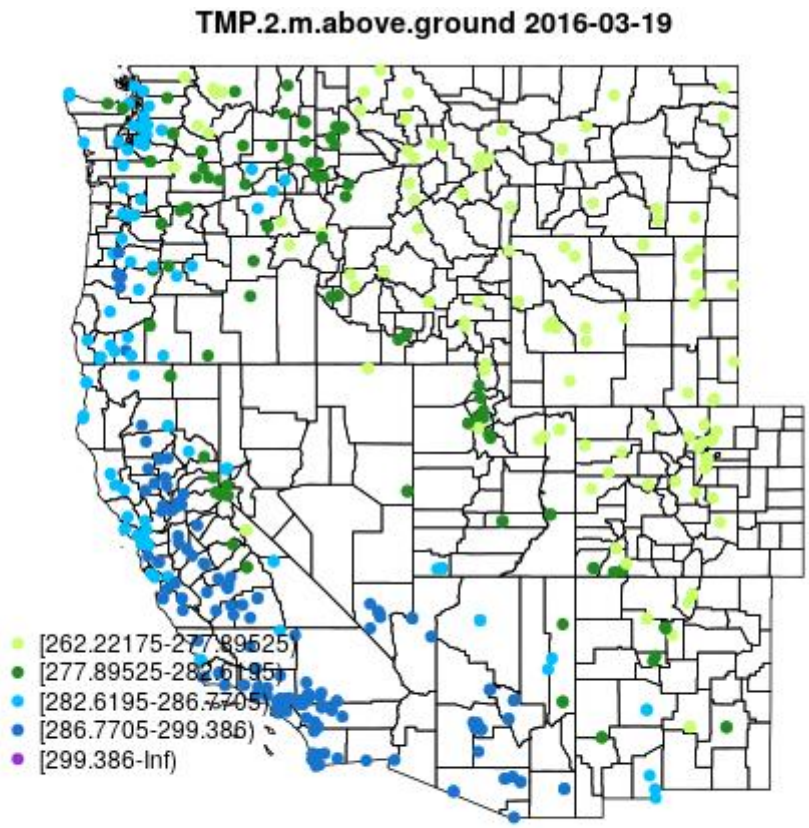

Figure 159: TMP.2.m.above.ground 2016-03-19

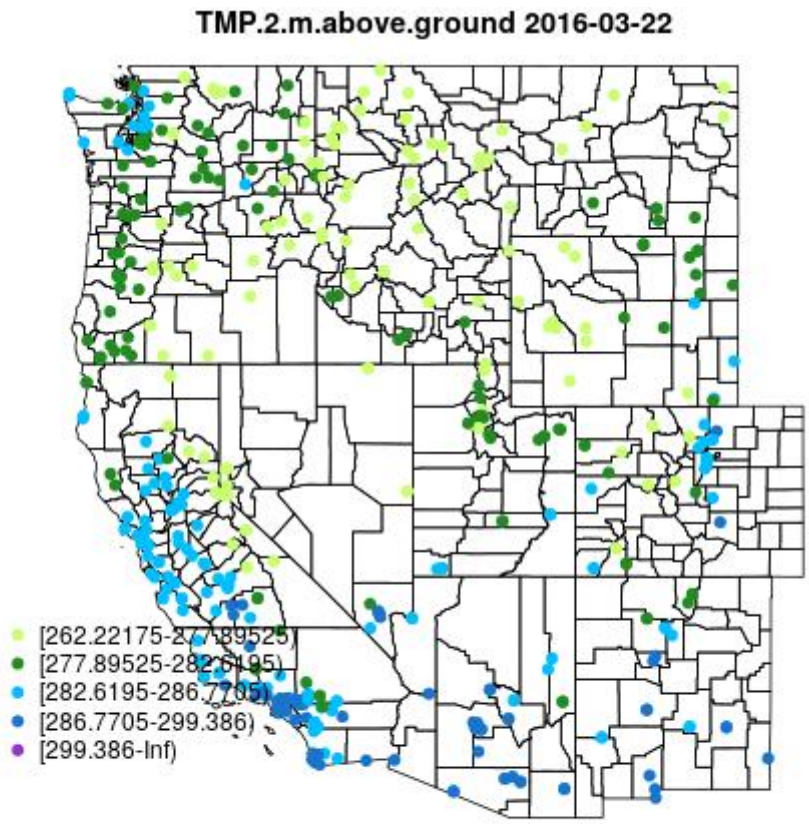

Figure 160: TMP.2.m.above.ground 2016-03-22

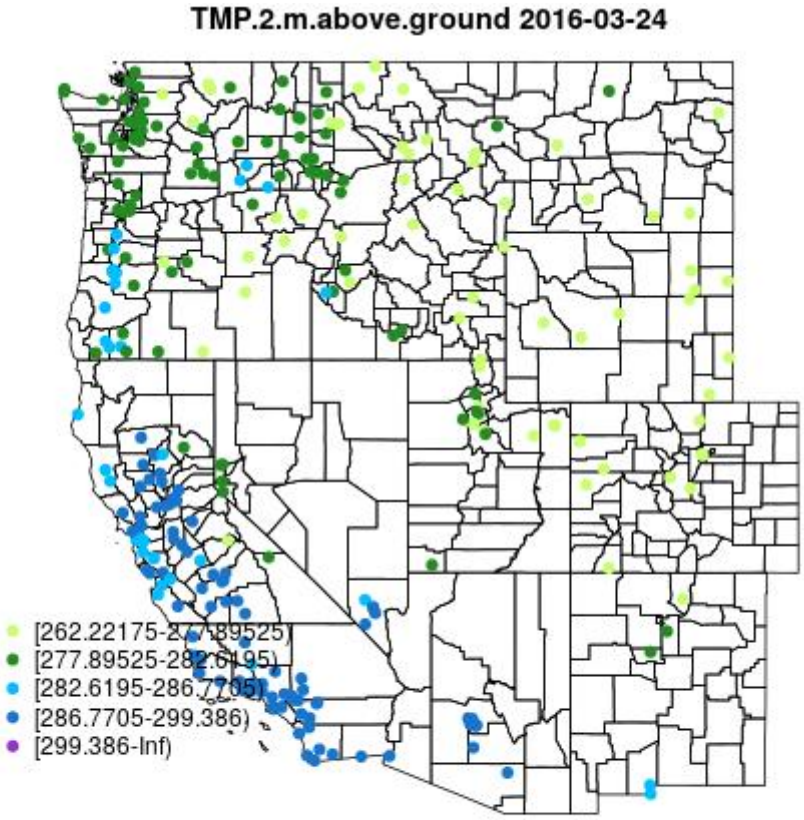

Figure 161: TMP.2.m.above.ground 2016-03-24

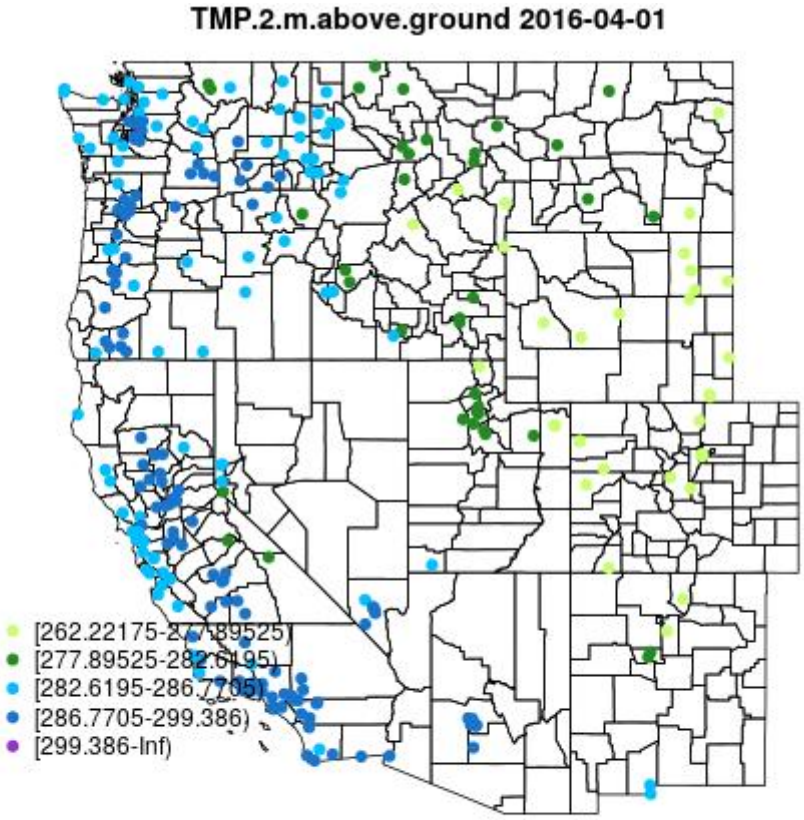

Figure 162: TMP.2.m.above.ground 2016-04-01

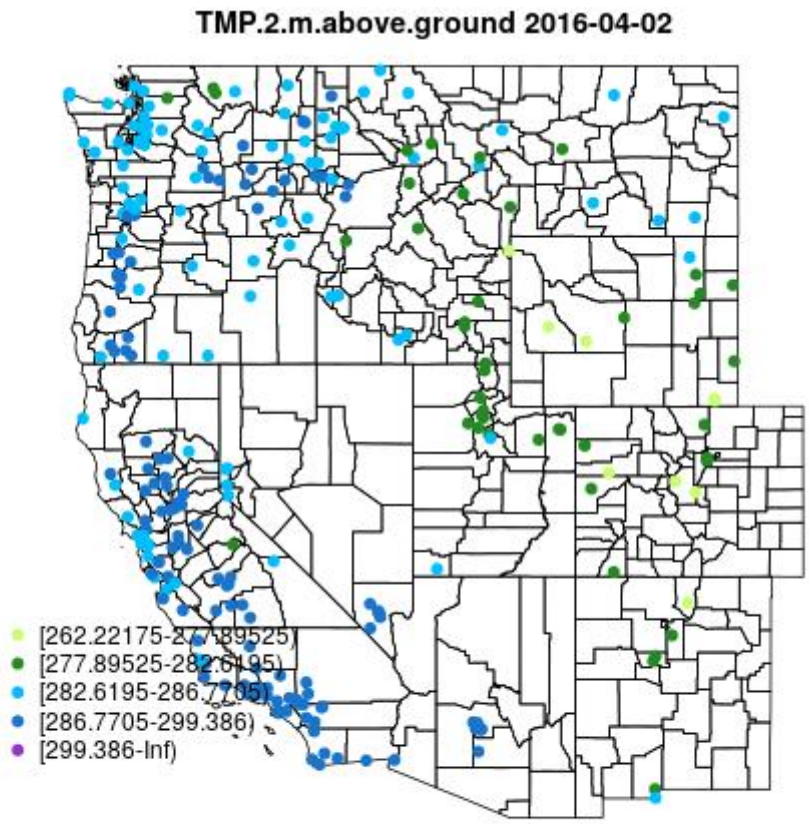

Figure 163: TMP.2.m.above.ground 2016-04-02

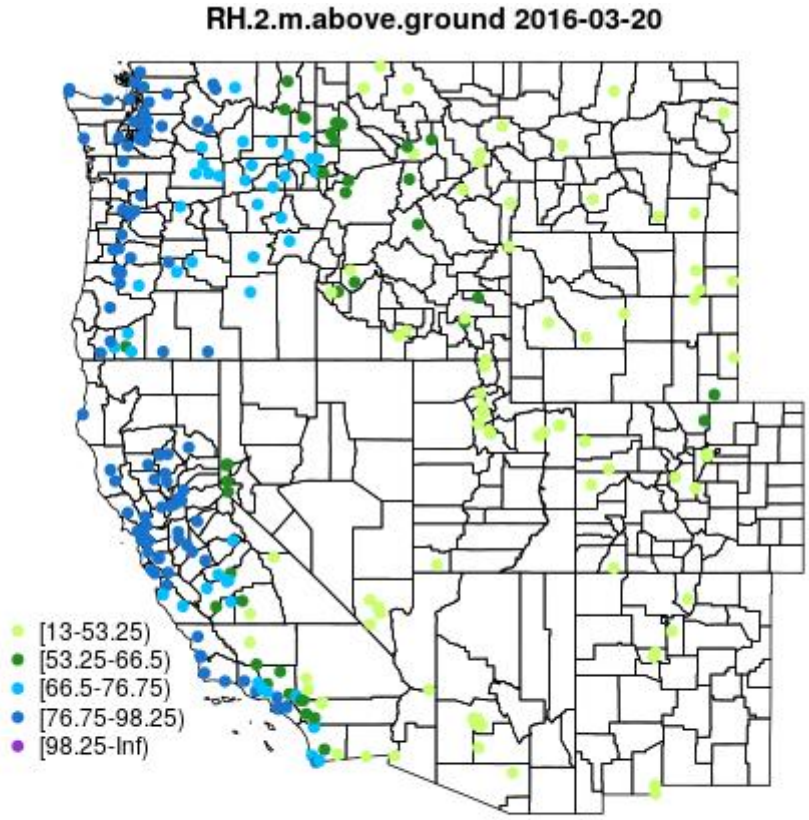

Figure 164: RH.2.m.above.ground 2016-03-20

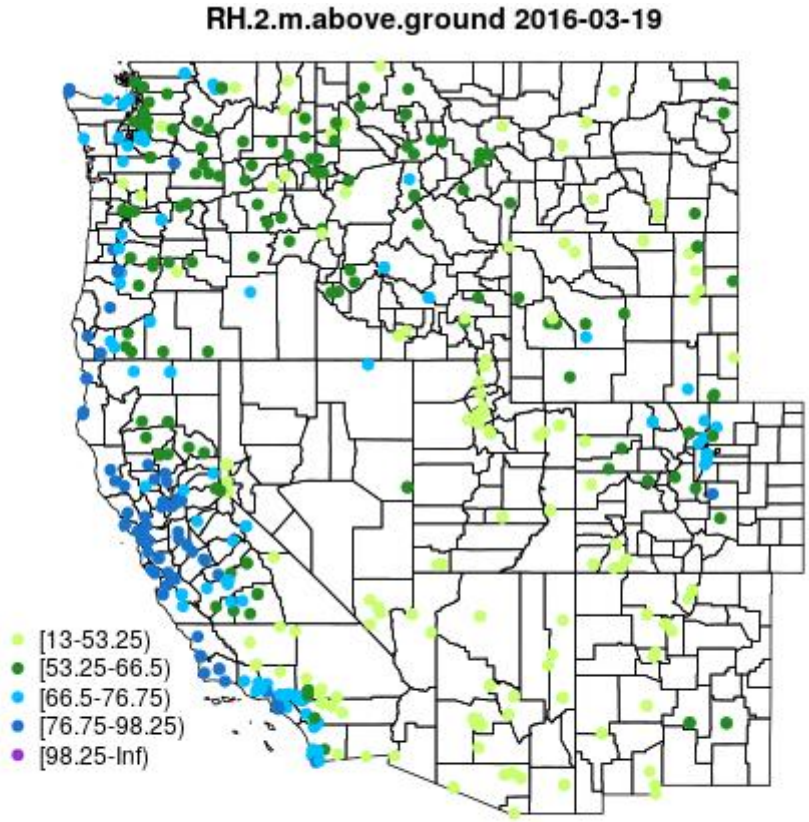

Figure 165: RH.2.m.above.ground 2016-03-19

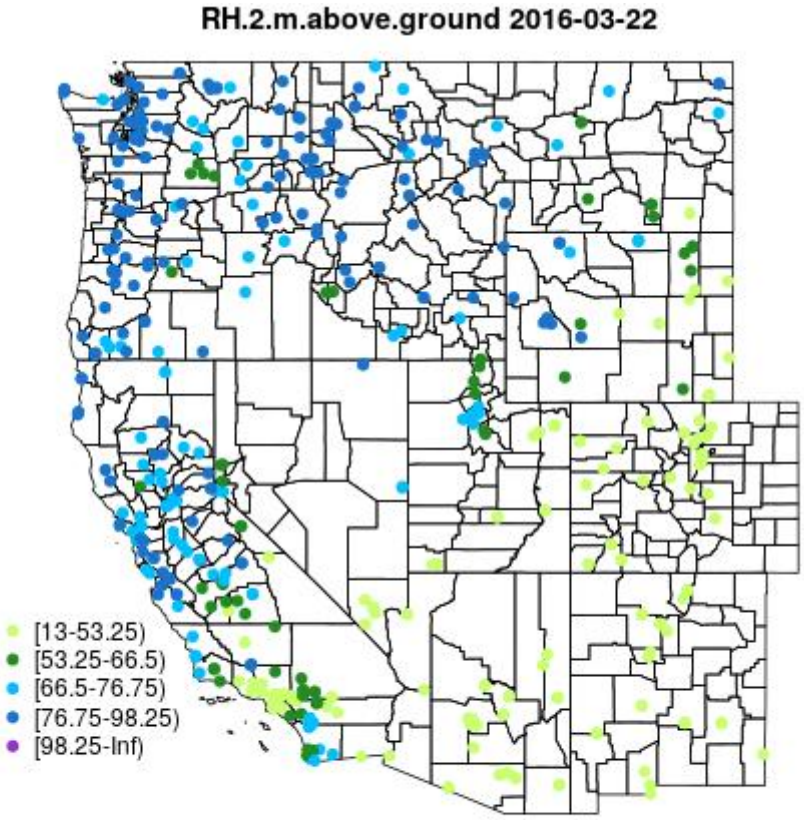

Figure 166: RH.2.m.above.ground 2016-03-22

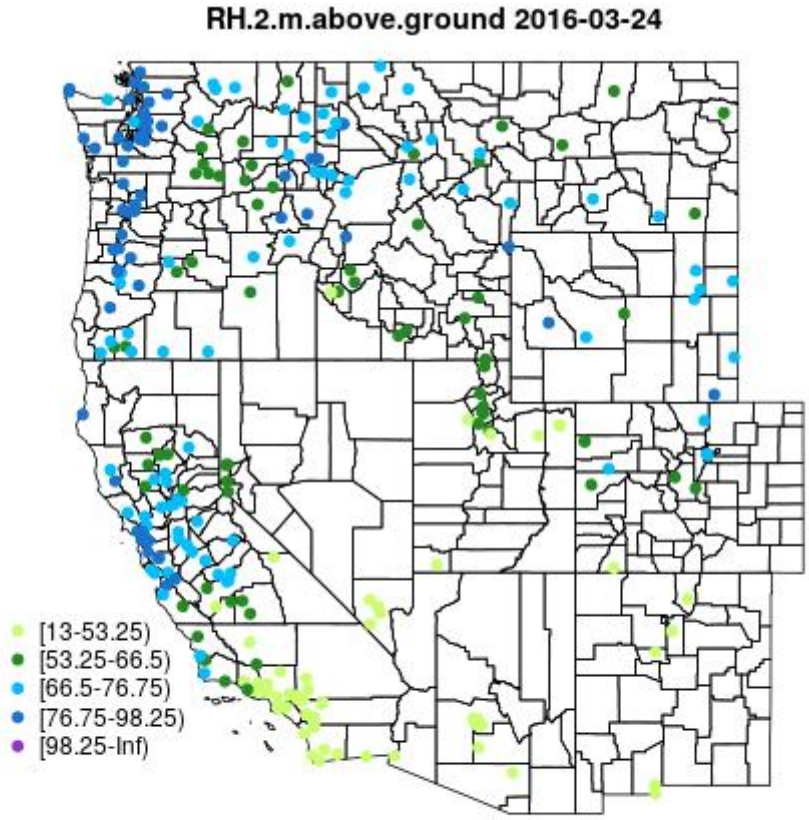

Figure 167: RH.2.m.above.ground 2016-03-24

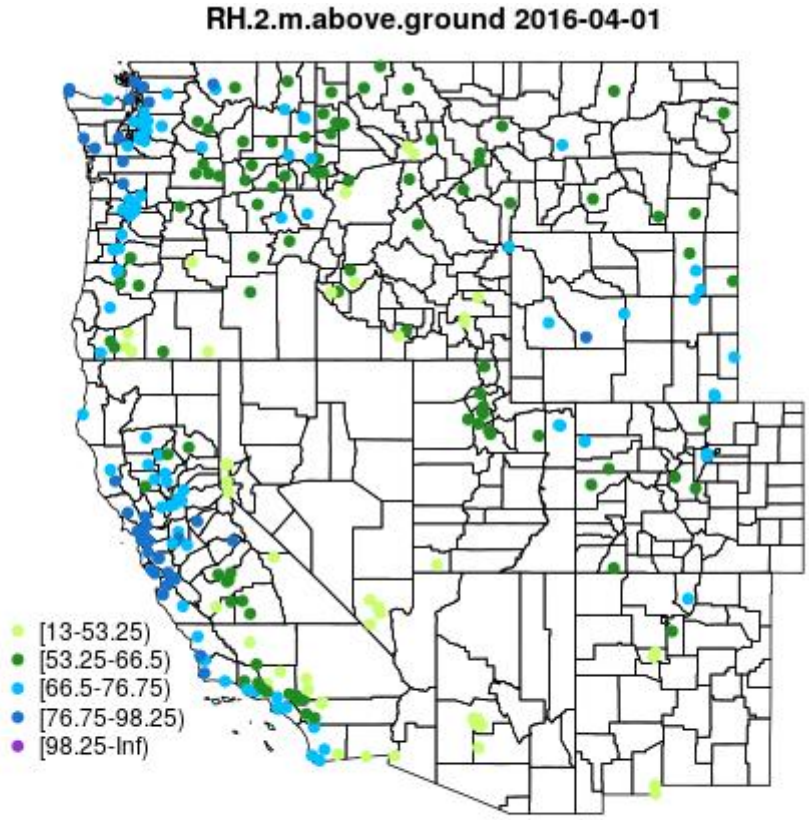

Figure 168: RH.2.m.above.ground 2016-04-01

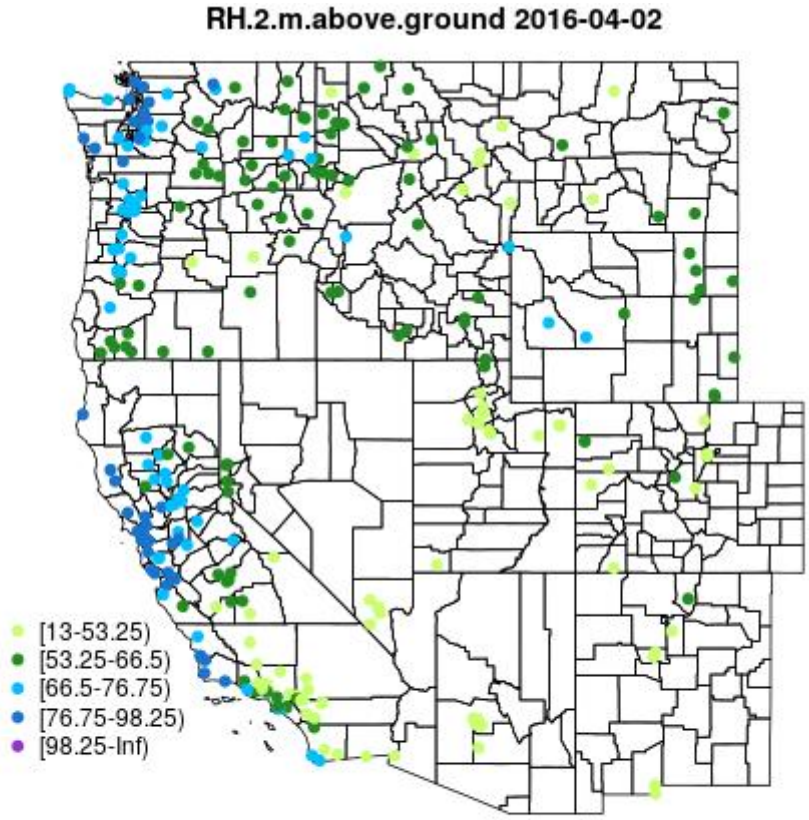

Figure 169: RH.2.m.above.ground 2016-04-02

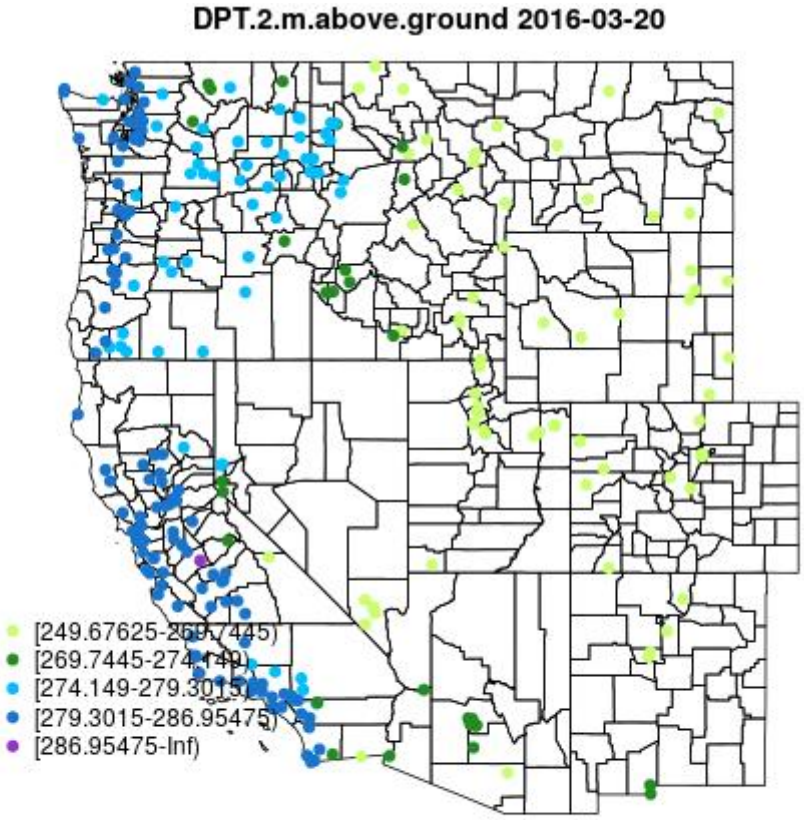

Figure 170: DPT.2.m.above.ground 2016-03-20

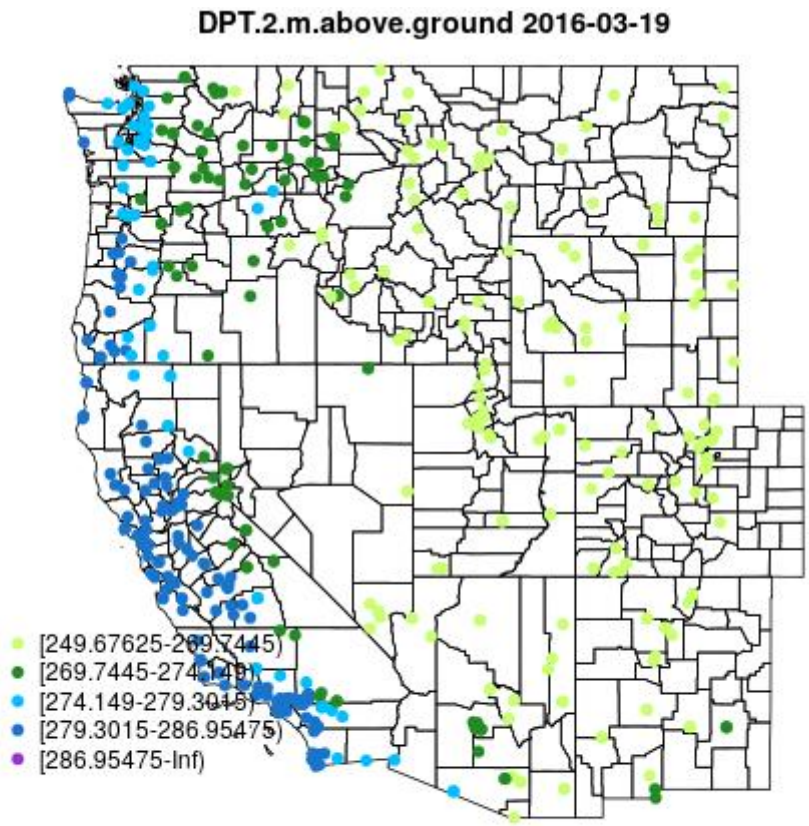

Figure 171: DPT.2.m.above.ground 2016-03-19

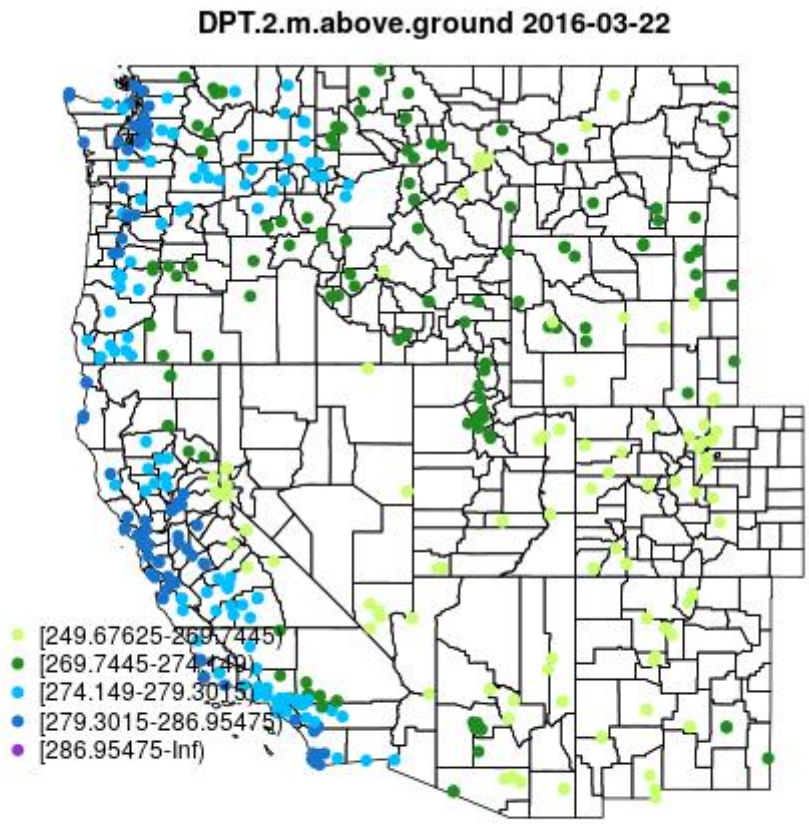

Figure 172: DPT.2.m.above.ground 2016-03-22

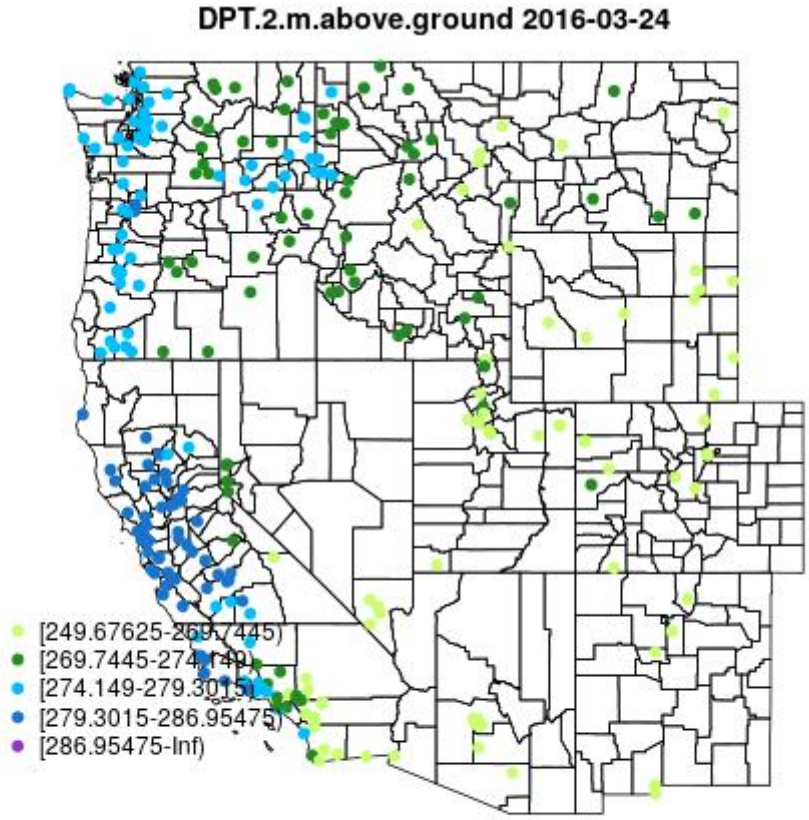

Figure 173: DPT.2.m.above.ground 2016-03-24

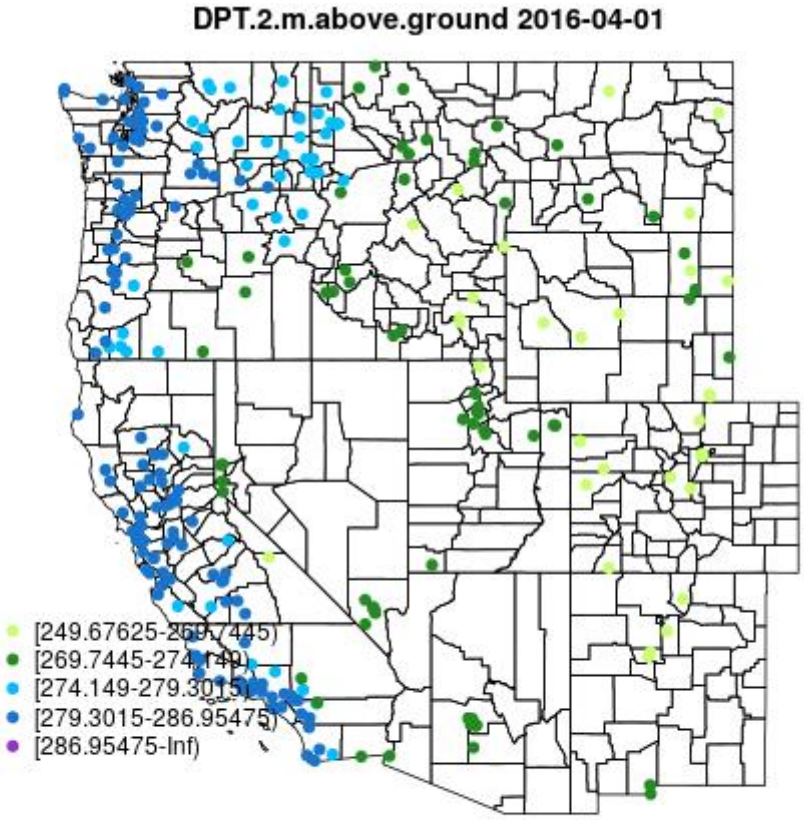

Figure 174: DPT.2.m.above.ground 2016-04-01

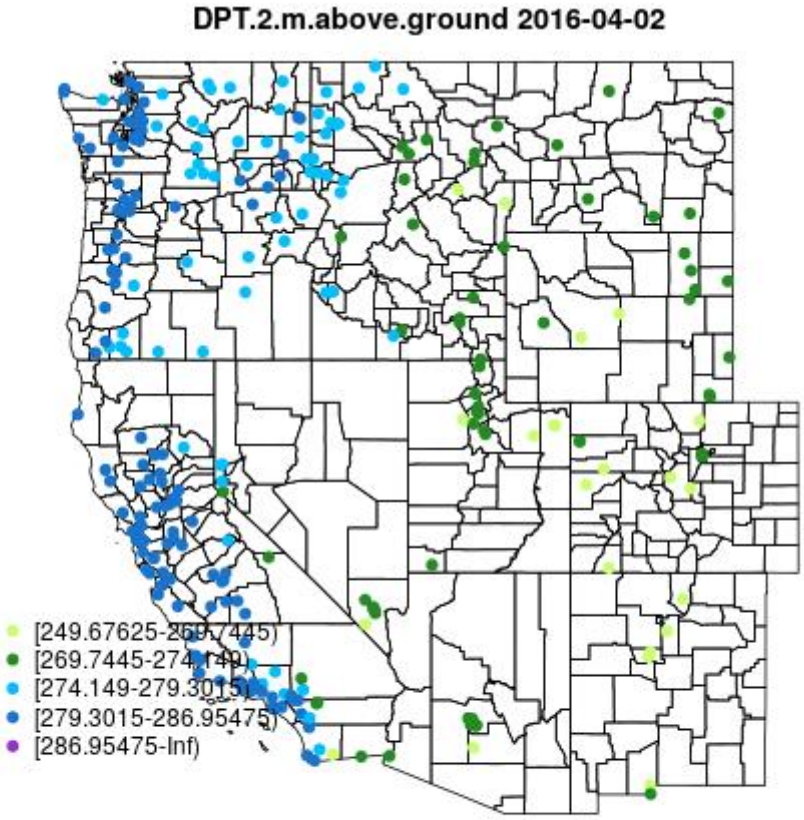

Figure 175: DPT.2.m.above.ground 2016-04-02

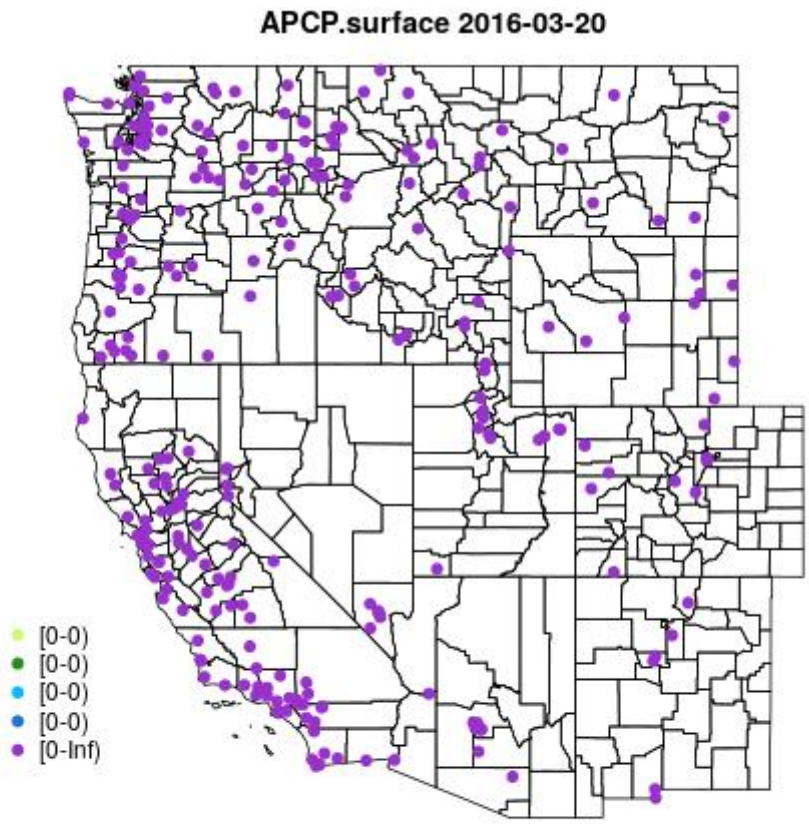

Figure 176: APCP.surface 2016-03-20

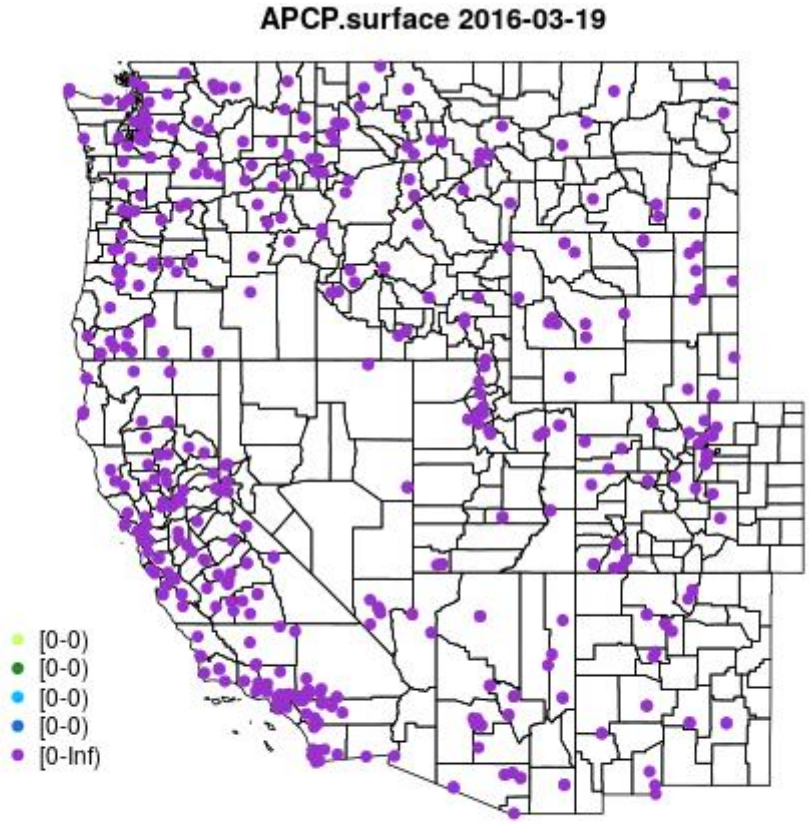

Figure 177: APCP.surface 2016-03-19

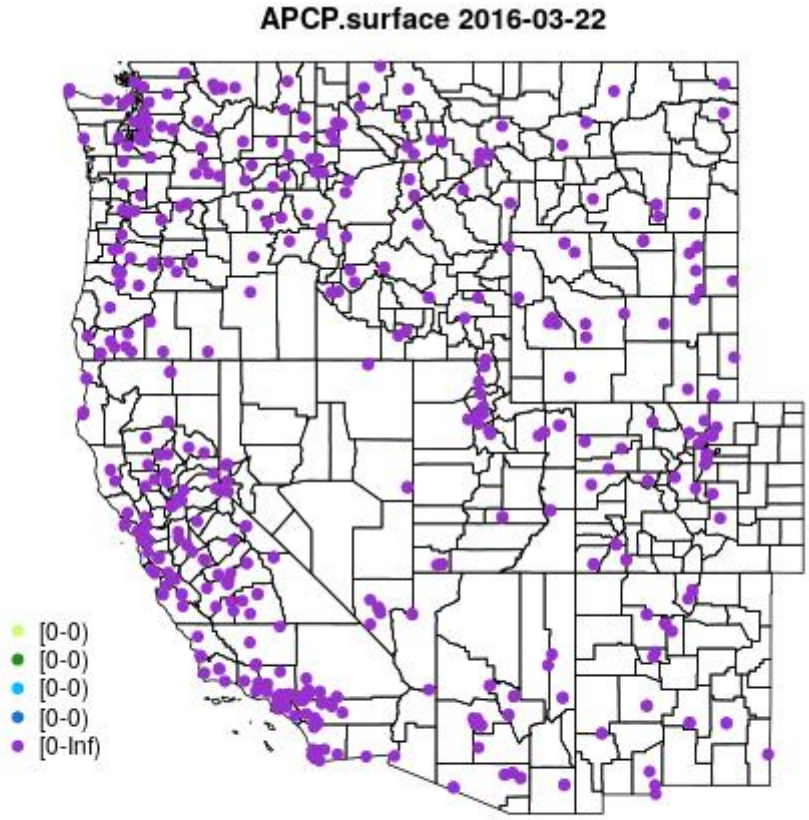

Figure 178: APCP.surface 2016-03-22

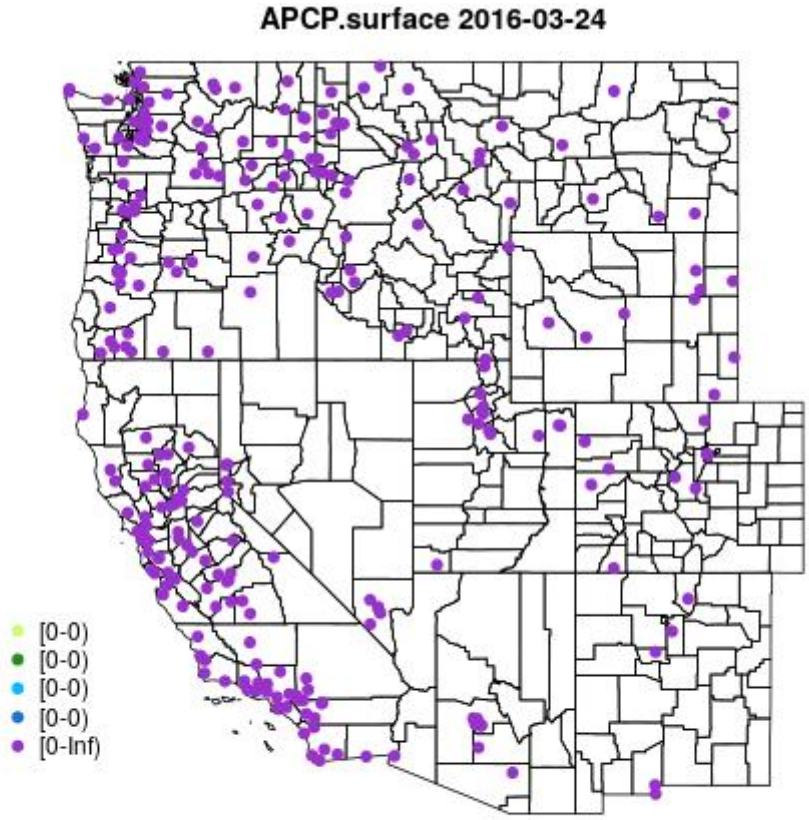

Figure 179: APCP.surface 2016-03-24

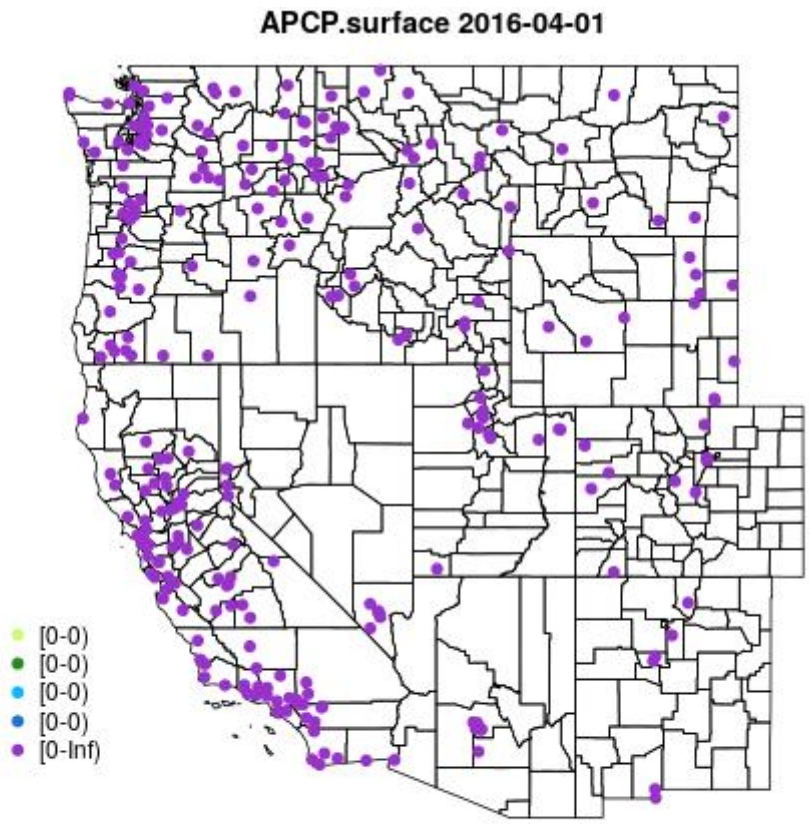

Figure 180: APCP.surface 2016-04-01

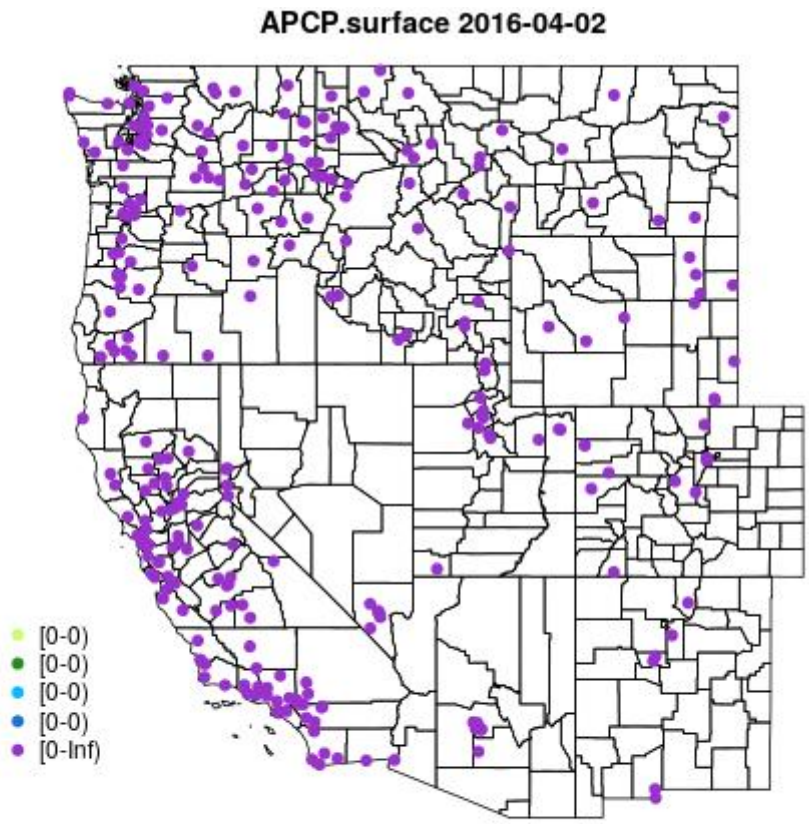

Figure 181: APCP.surface 2016-04-02

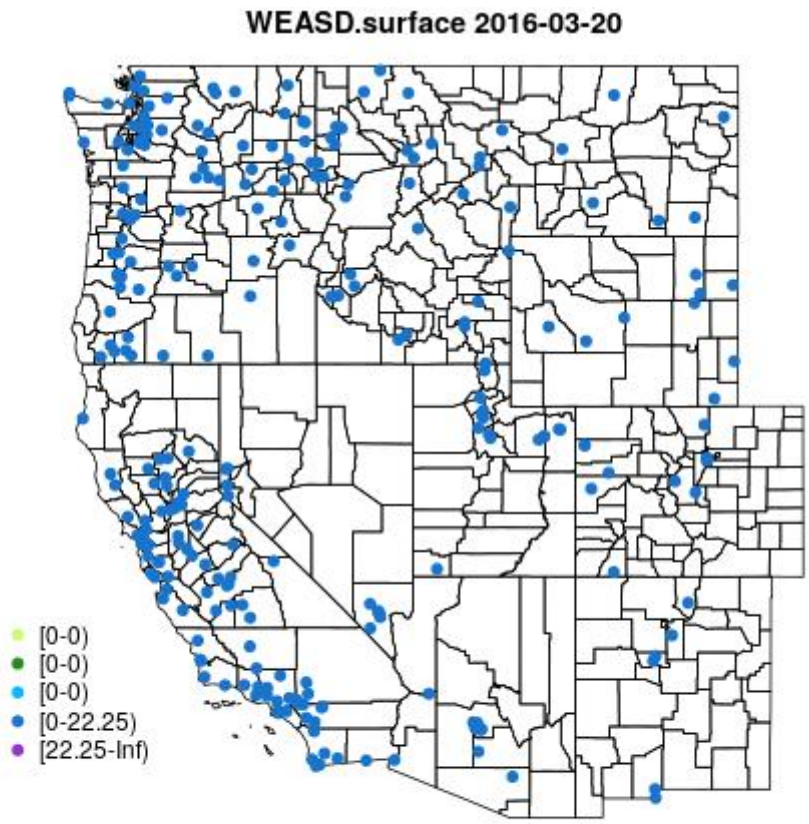

Figure 182: WEASD.surface 2016-03-20

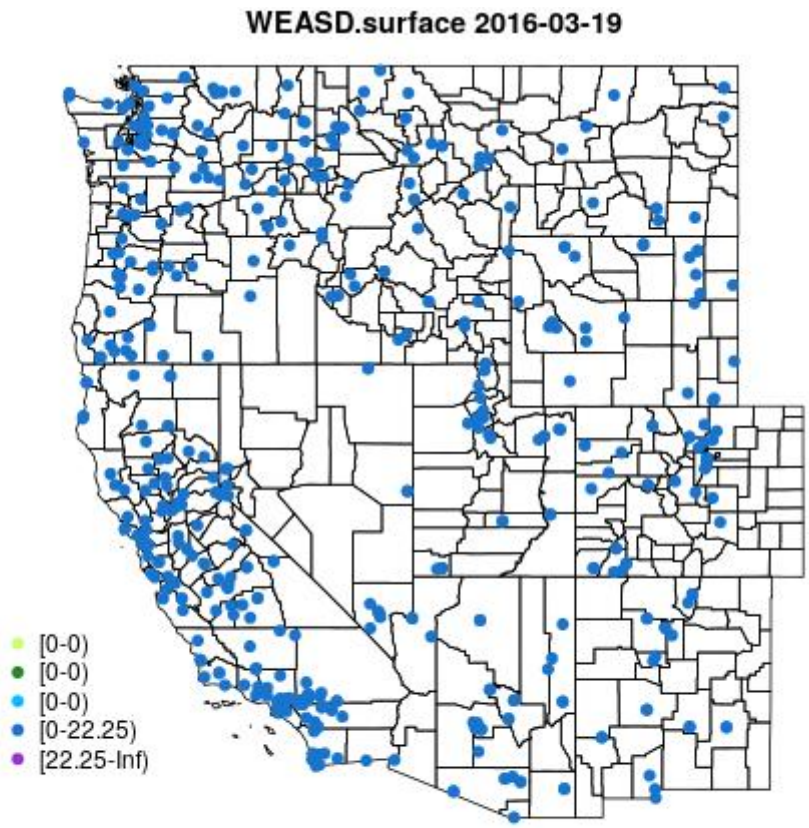

Figure 183: WEASD.surface 2016-03-19

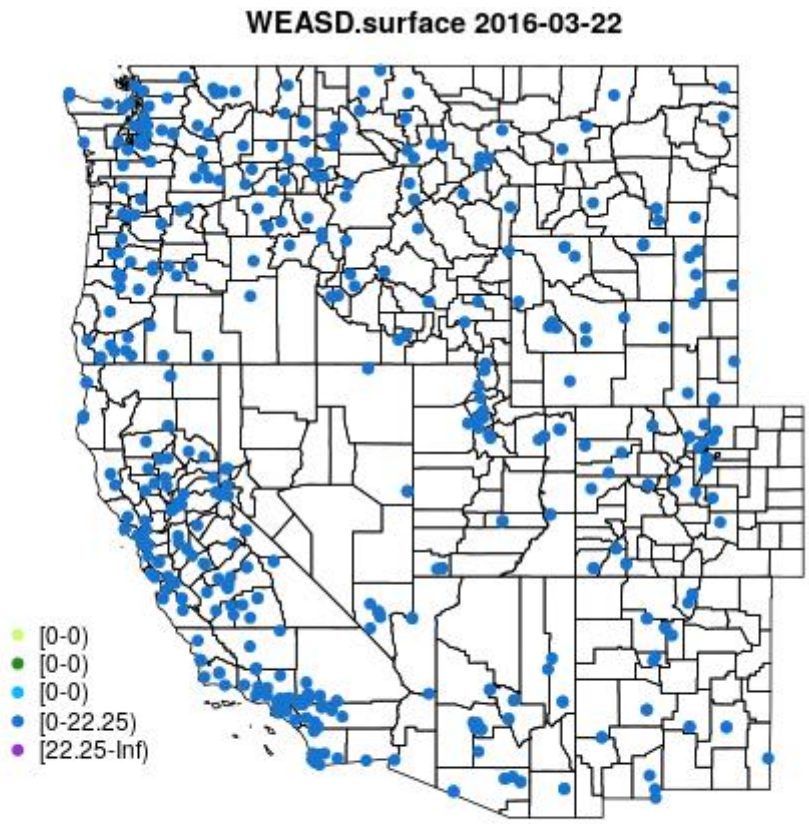

Figure 184: WEASD.surface 2016-03-22

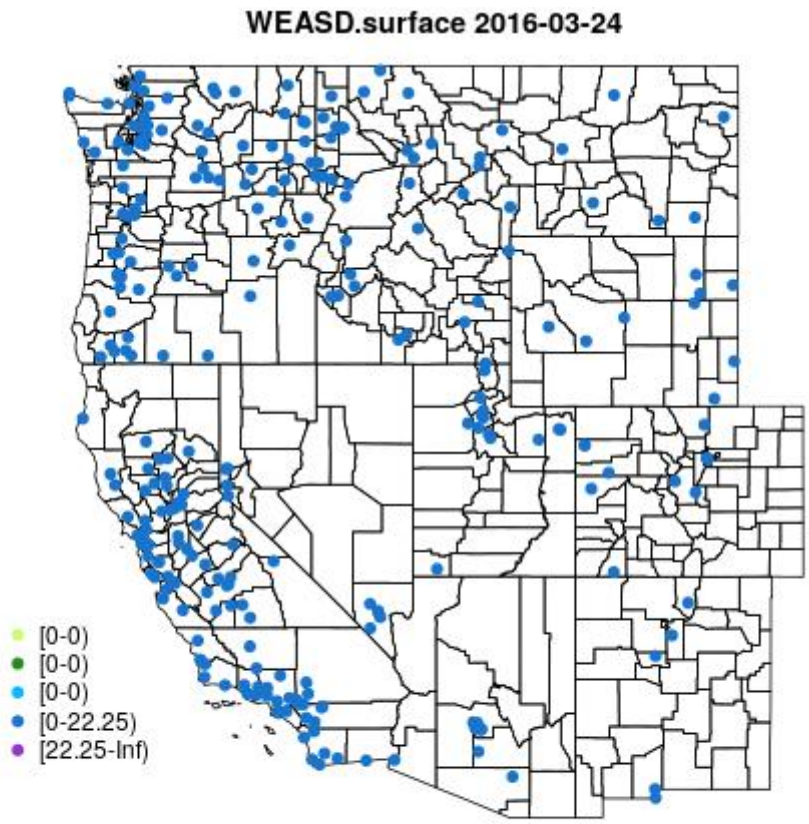

Figure 185: WEASD.surface 2016-03-24

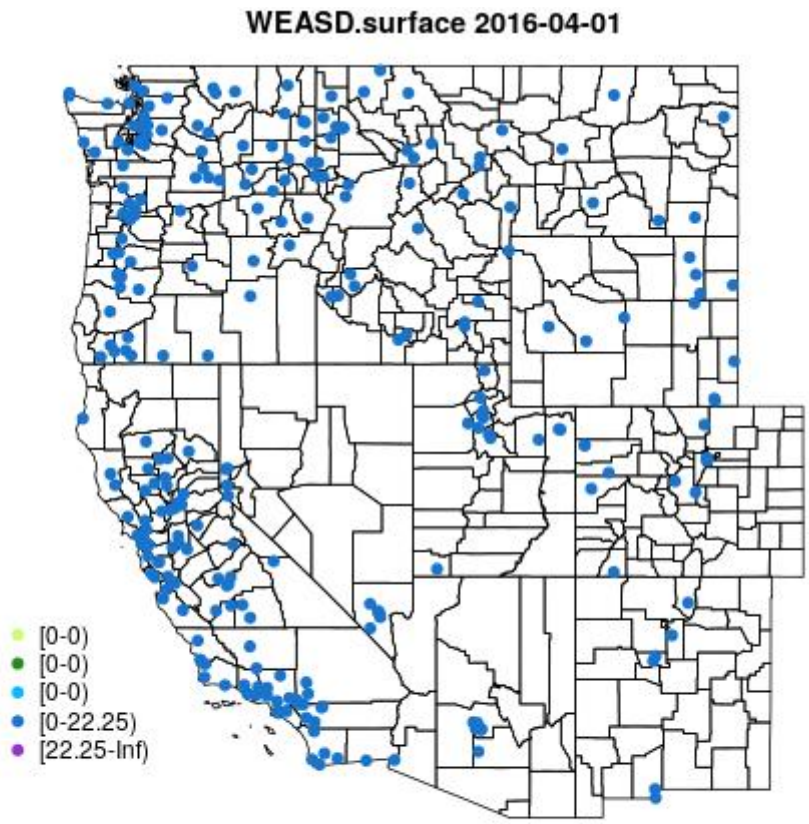

Figure 186: WEASD.surface 2016-04-01

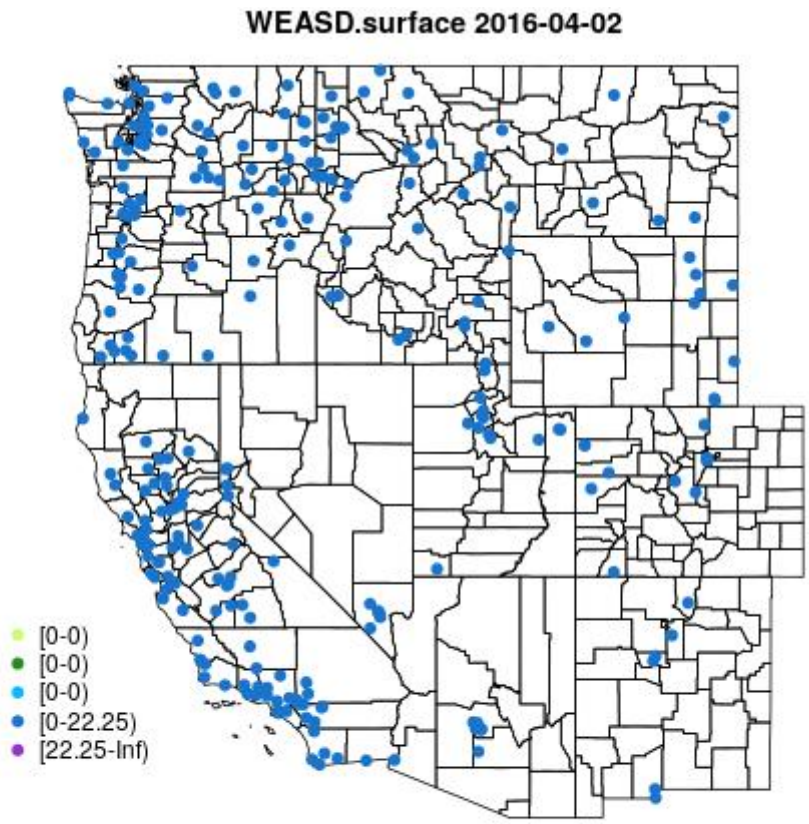

Figure 187: WEASD.surface 2016-04-02

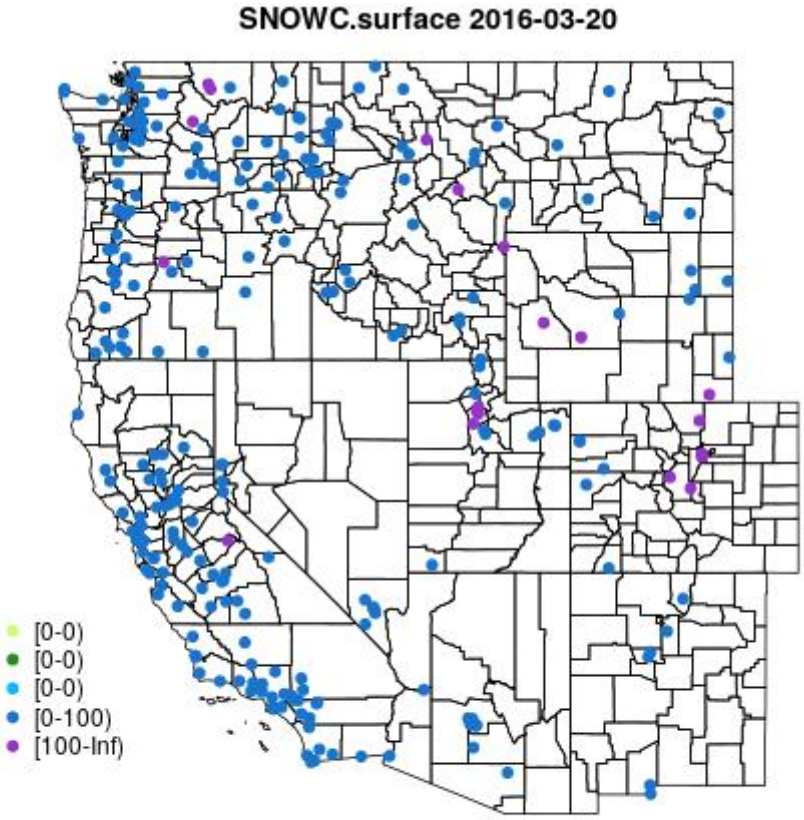

Figure 188: SNOWC.surface 2016-03-20

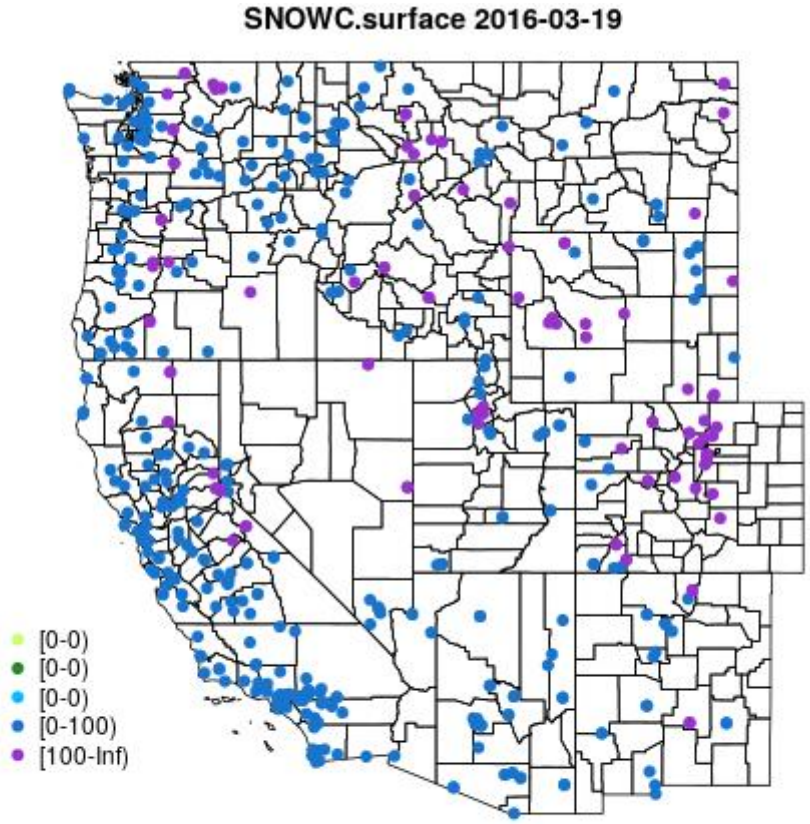

Figure 189: SNOWC.surface 2016-03-19

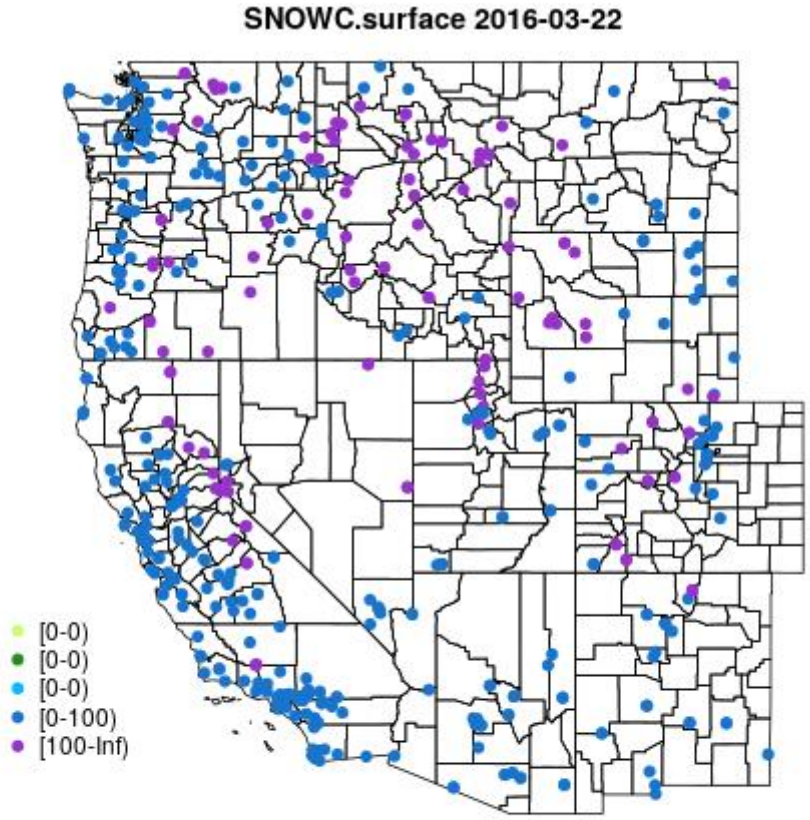

Figure 190: SNOWC.surface 2016-03-22

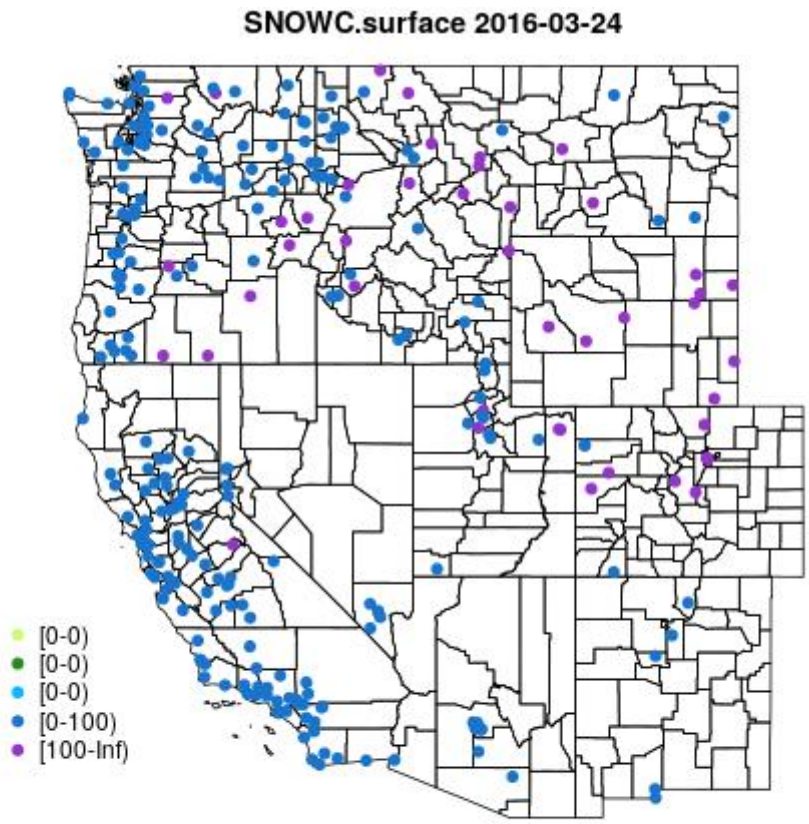

Figure 191: SNOWC.surface 2016-03-24

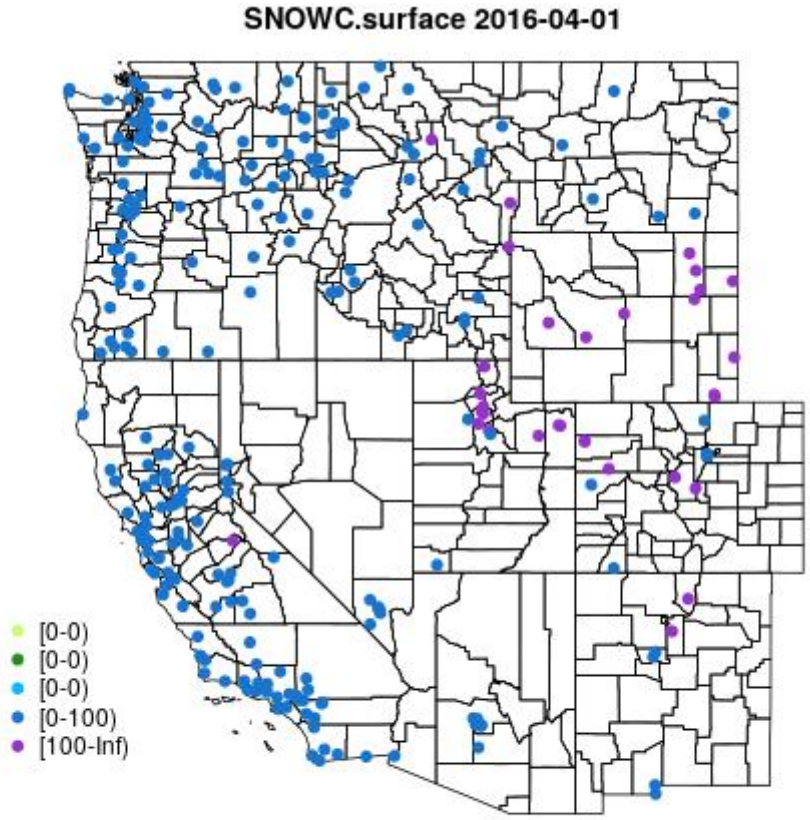

Figure 192: SNOWC.surface 2016-04-01

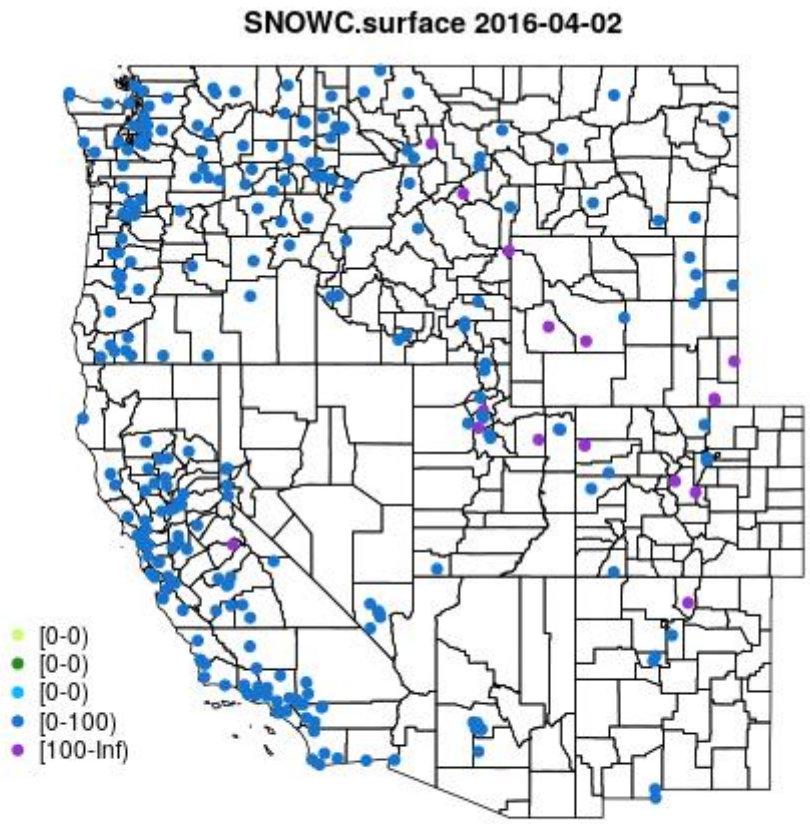

Figure 193: SNOWC.surface 2016-04-02

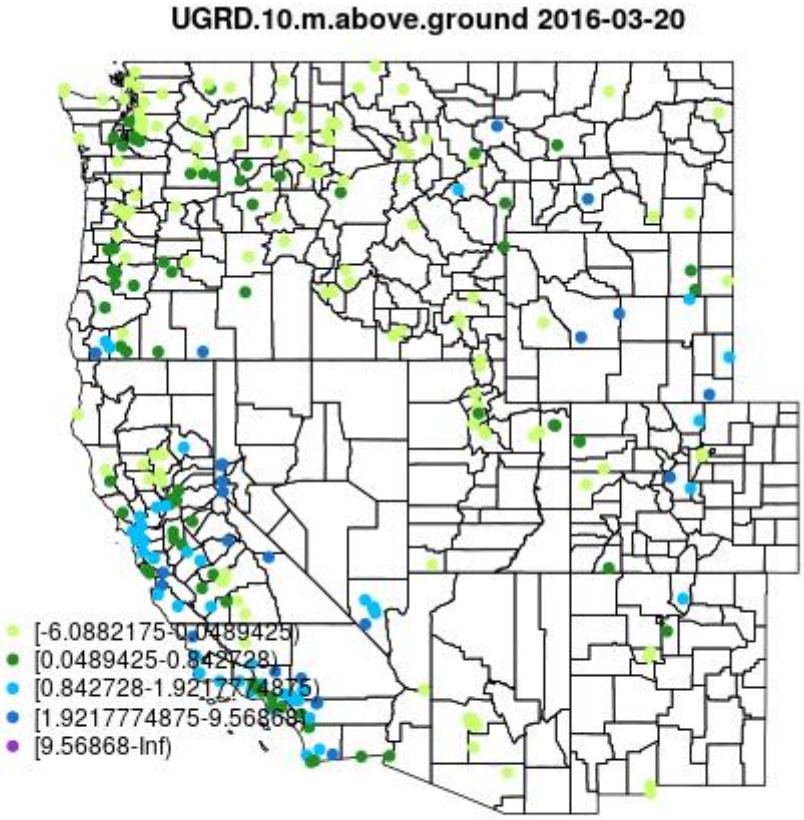

Figure 194: UGRD.10.m.above.ground 2016-03-20

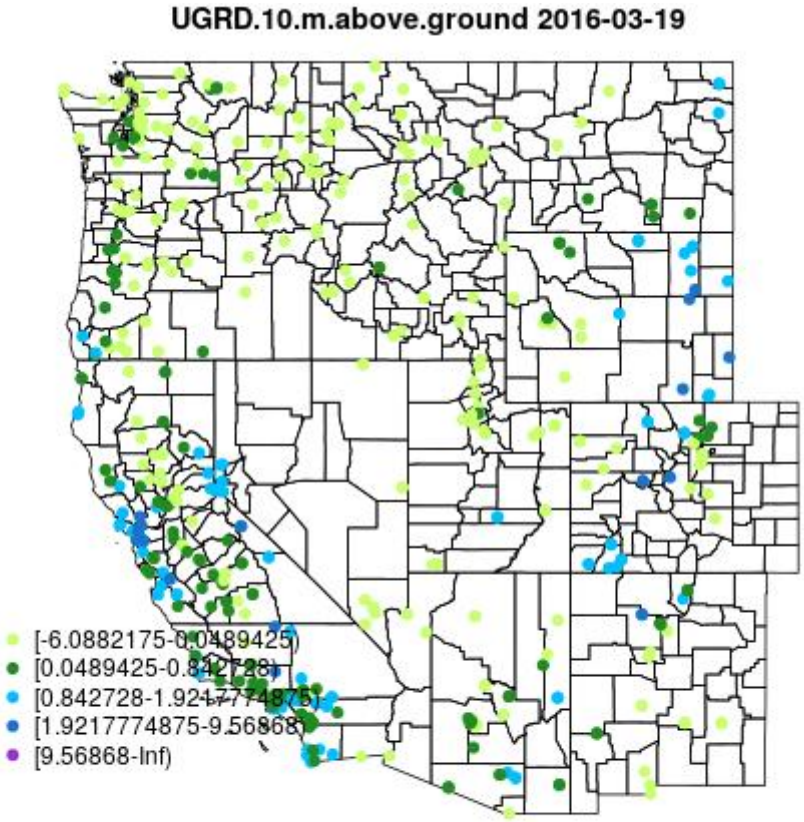

Figure 195: UGRD.10.m.above.ground 2016-03-19

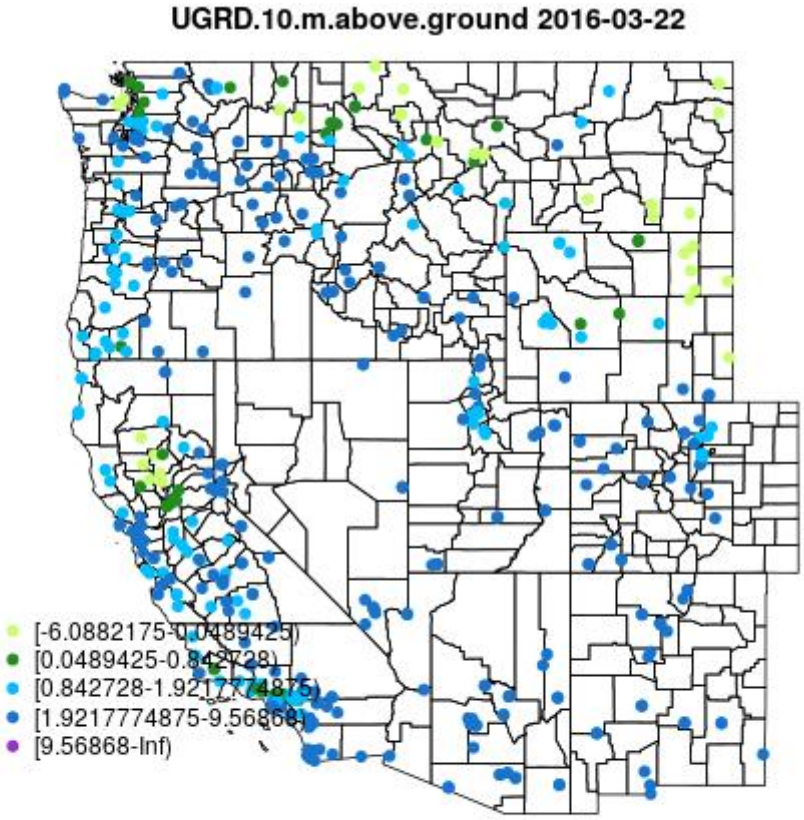

Figure 196: UGRD.10.m.above.ground 2016-03-22

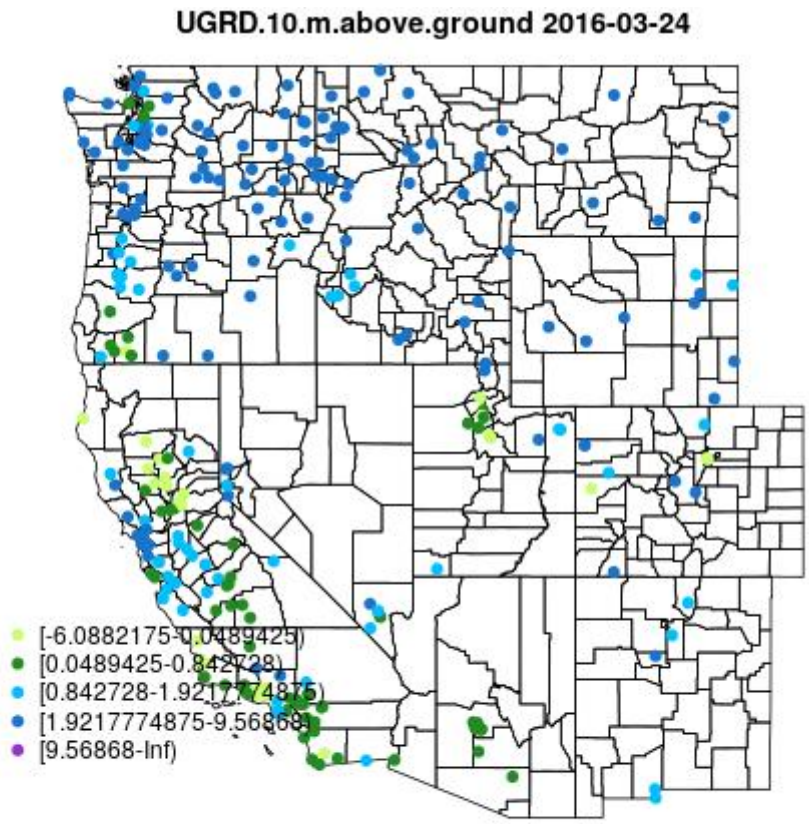

Figure 197: UGRD.10.m.above.ground 2016-03-24

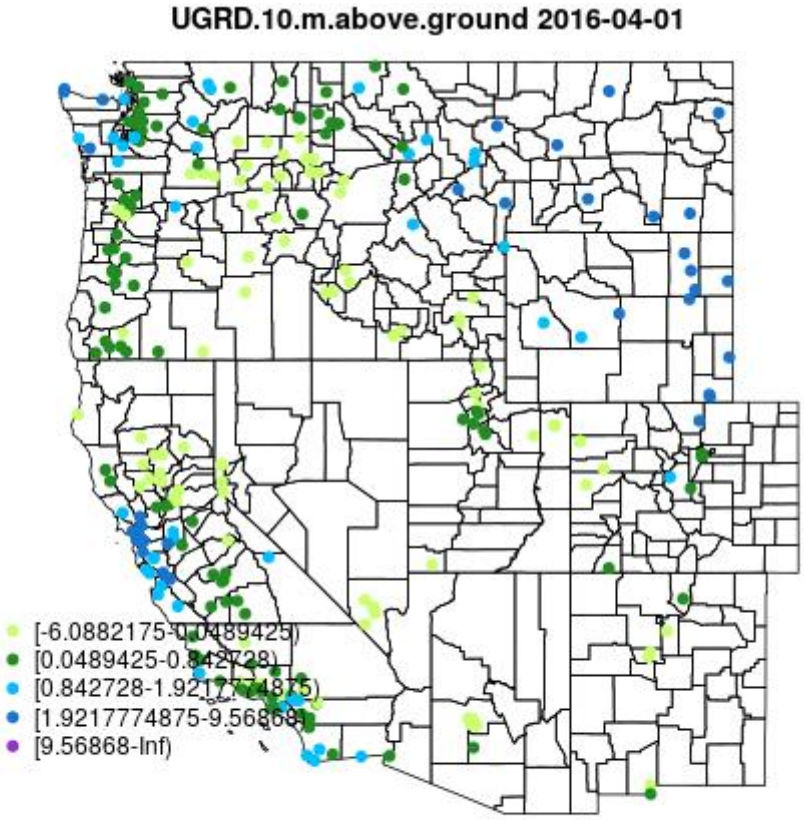

Figure 198: UGRD.10.m.above.ground 2016-04-01

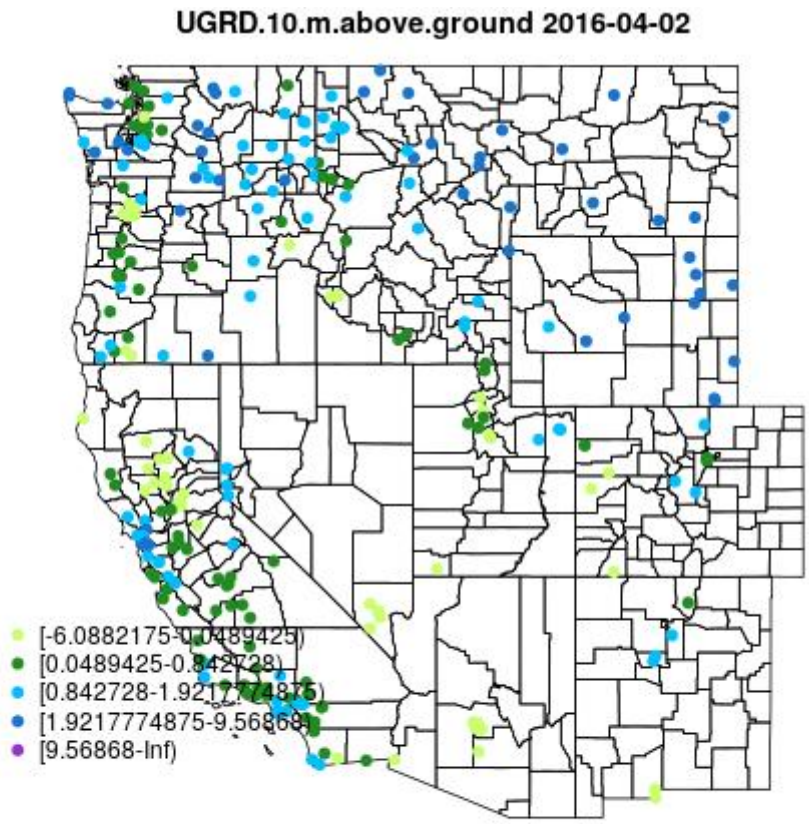

Figure 199: UGRD.10.m.above.ground 2016-04-02

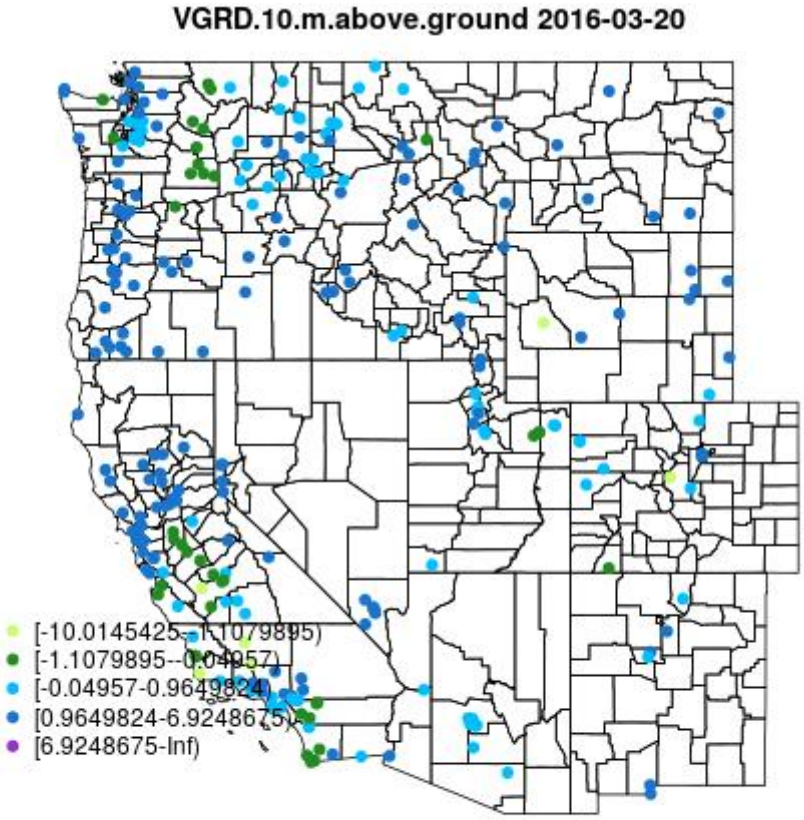

Figure 200: VGRD.10.m.above.ground 2016-03-20

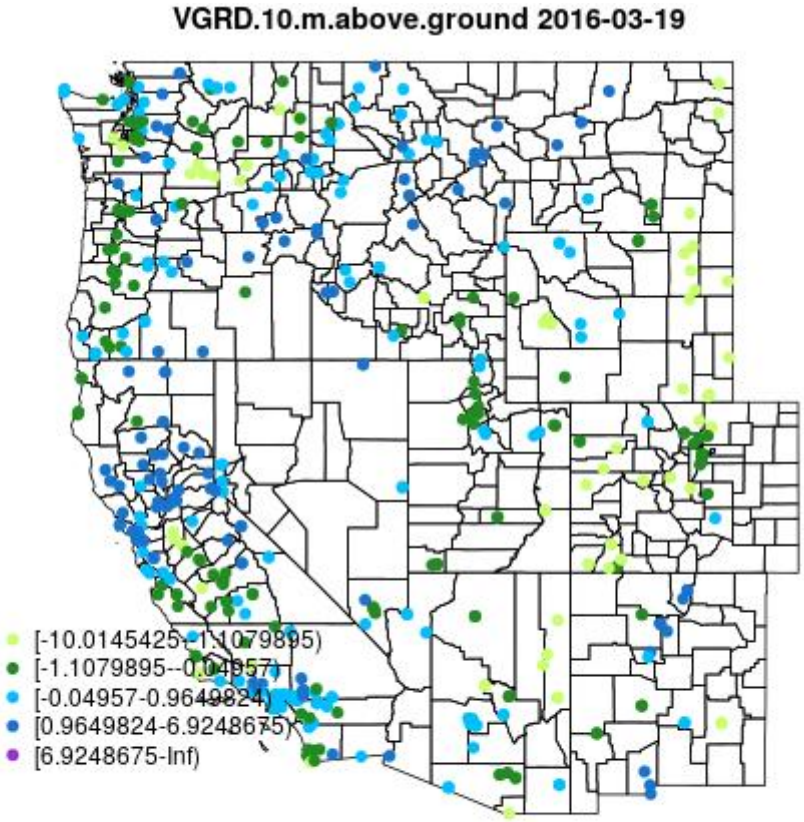

Figure 201: VGRD.10.m.above.ground 2016-03-19

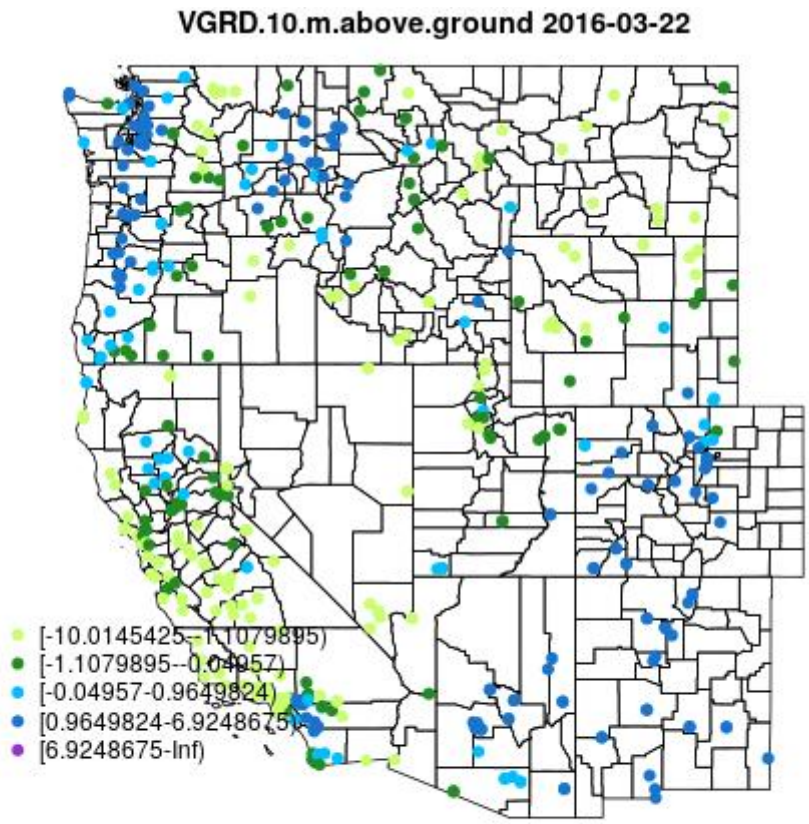

Figure 202: VGRD.10.m.above.ground 2016-03-22

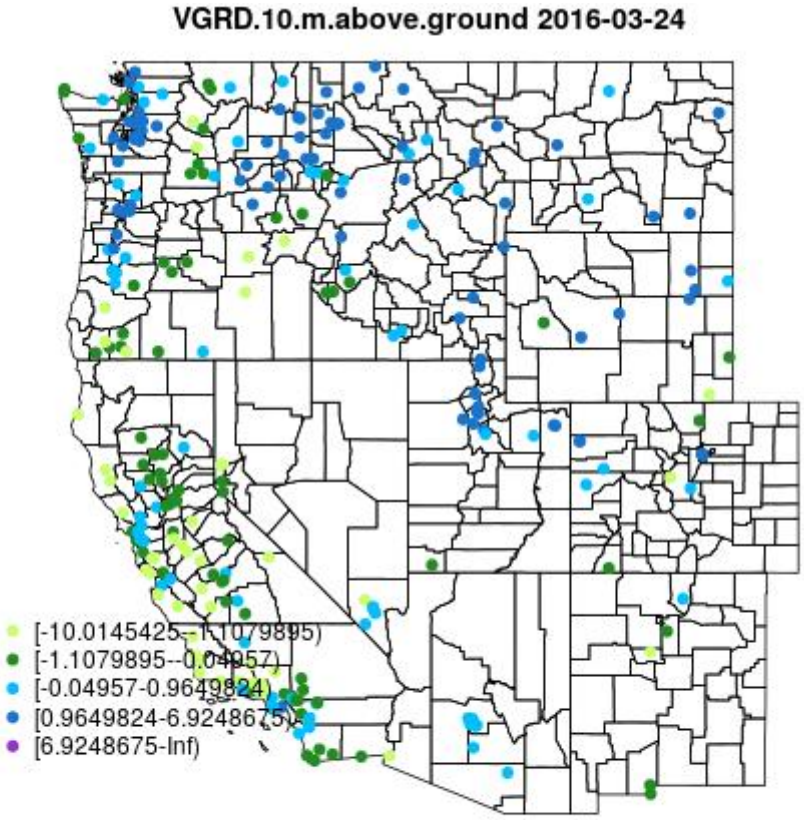

Figure 203: VGRD.10.m.above.ground 2016-03-24

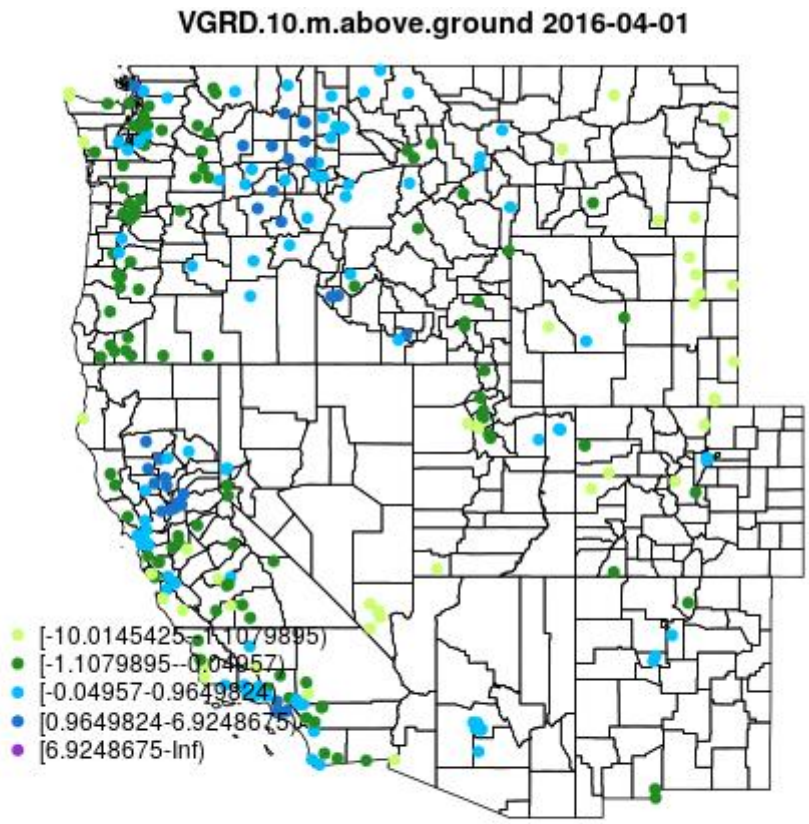

Figure 204: VGRD.10.m.above.ground 2016-04-01

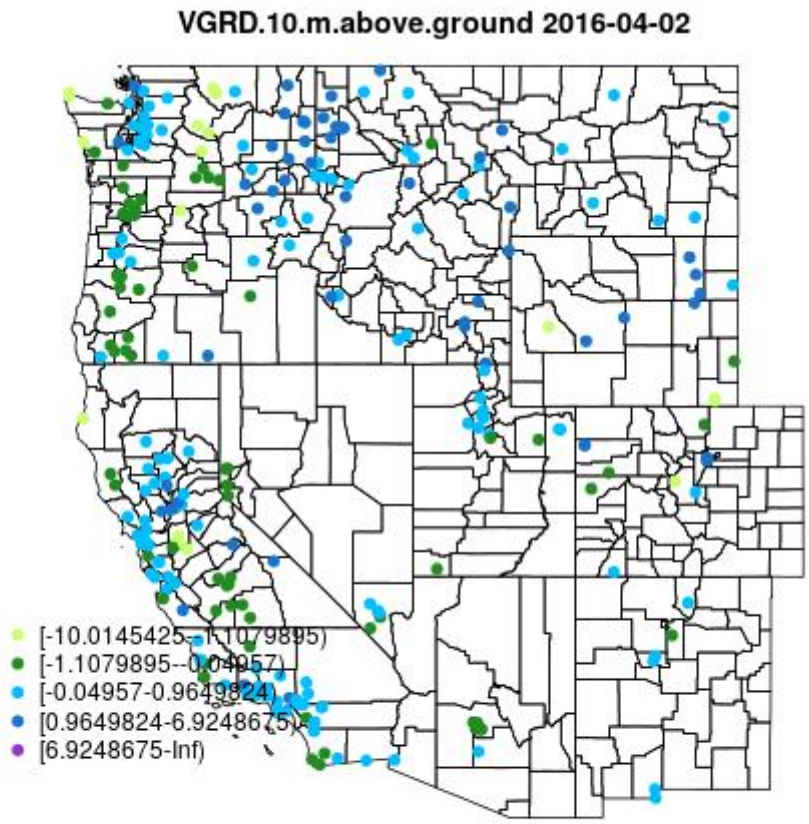

Figure 205: VGRD.10.m.above.ground 2016-04-02

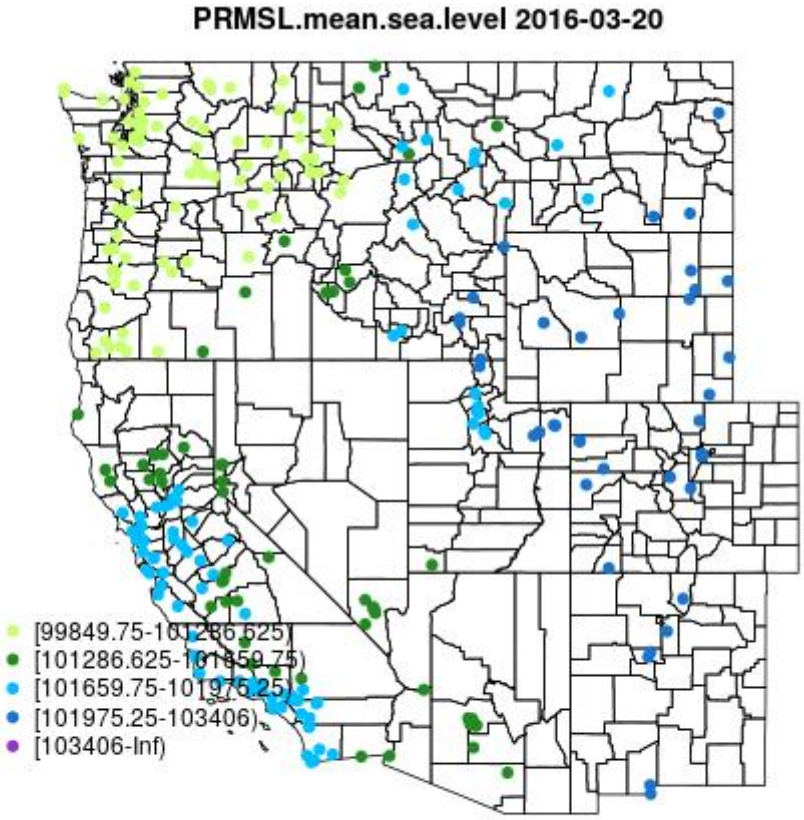

Figure 206: PRMSL.mean.sea.level 2016-03-20

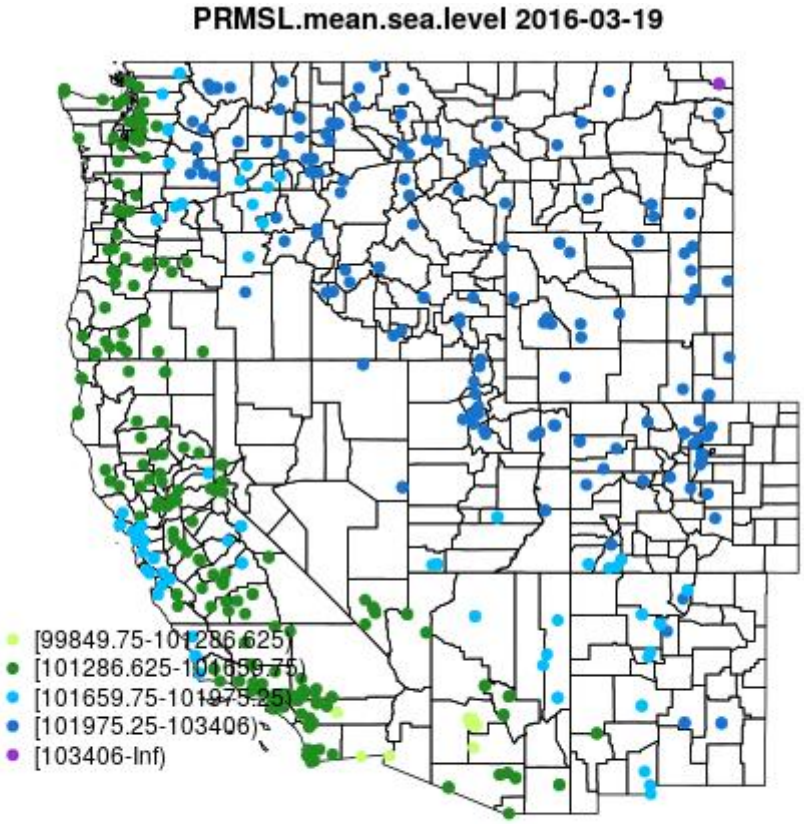

Figure 207: PRMSL.mean.sea.level 2016-03-19

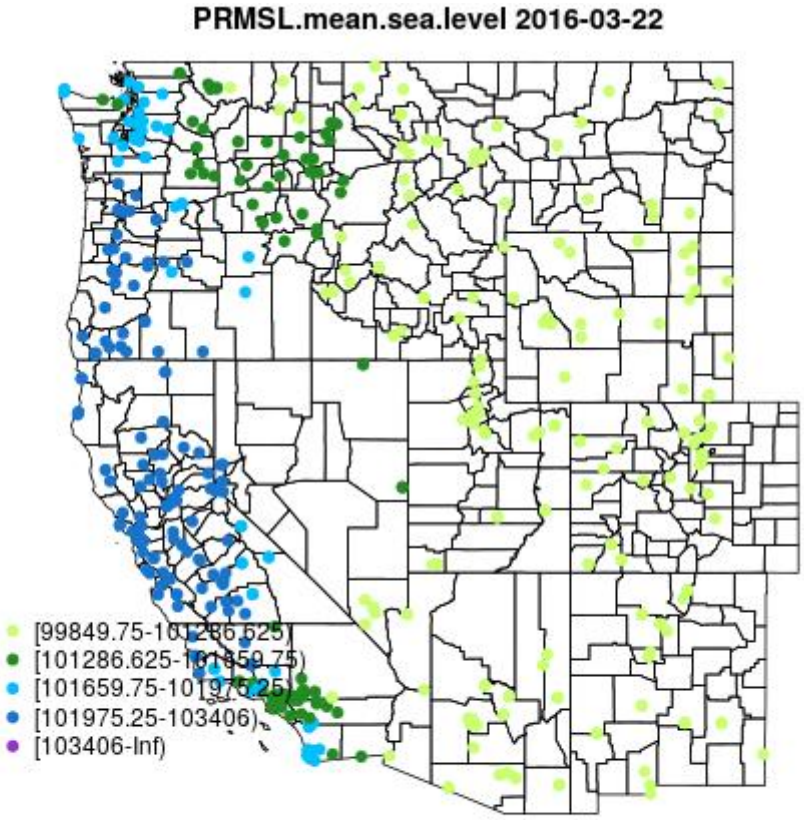

Figure 208: PRMSL.mean.sea.level 2016-03-22

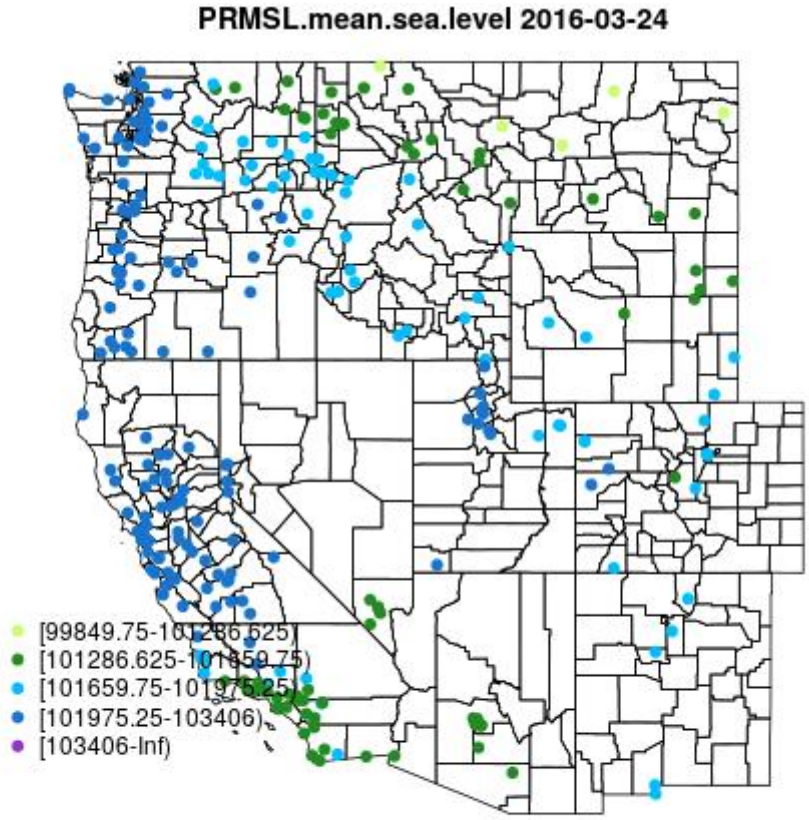

Figure 209: PRMSL.mean.sea.level 2016-03-24

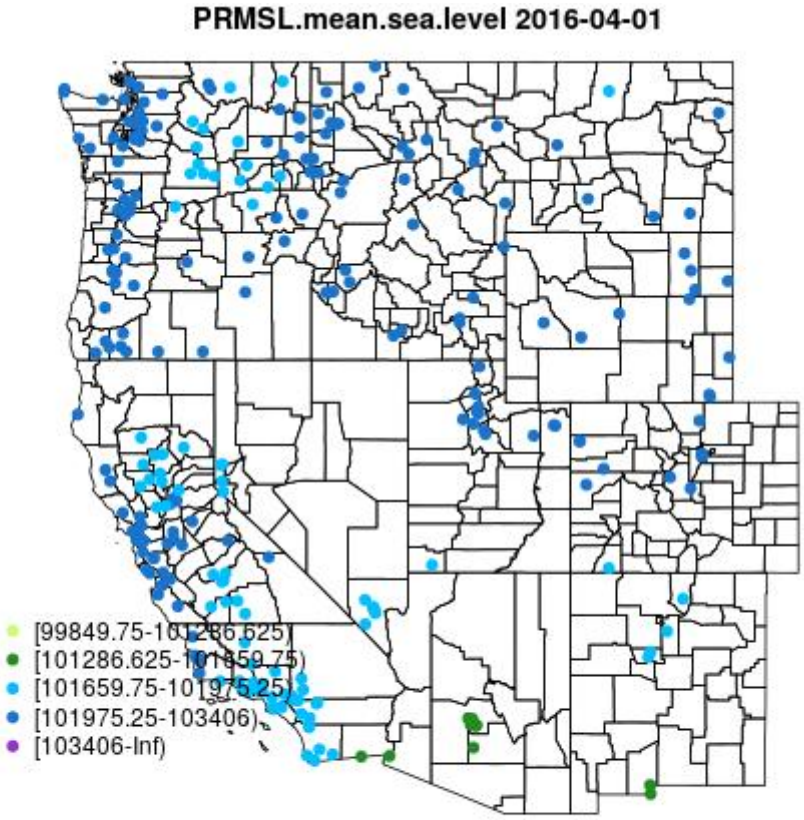

Figure 210: PRMSL.mean.sea.level 2016-04-01

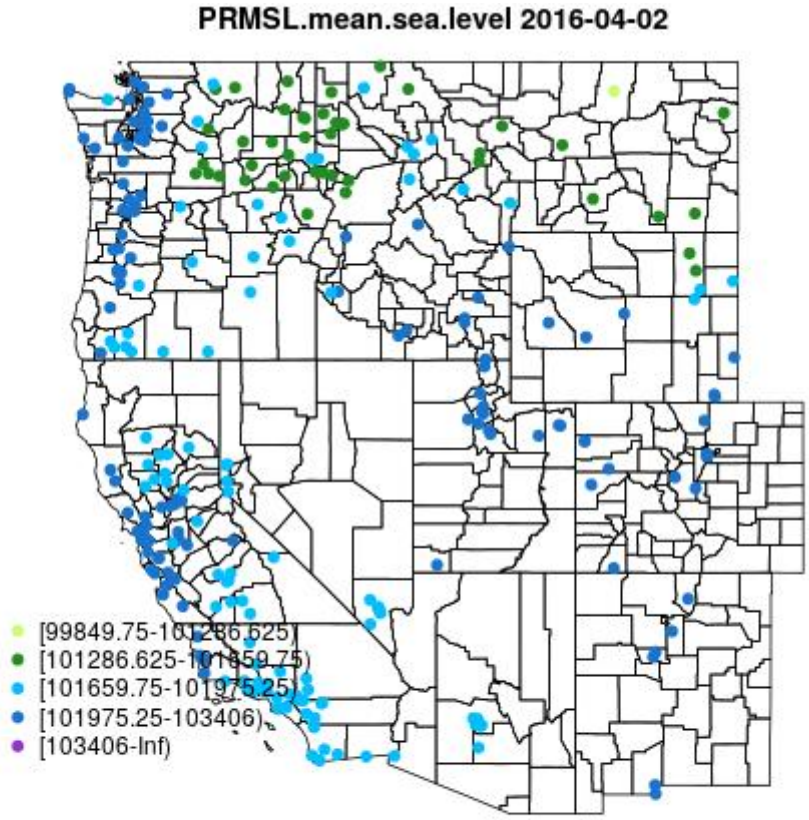

Figure 211: PRMSL.mean.sea.level 2016-04-02

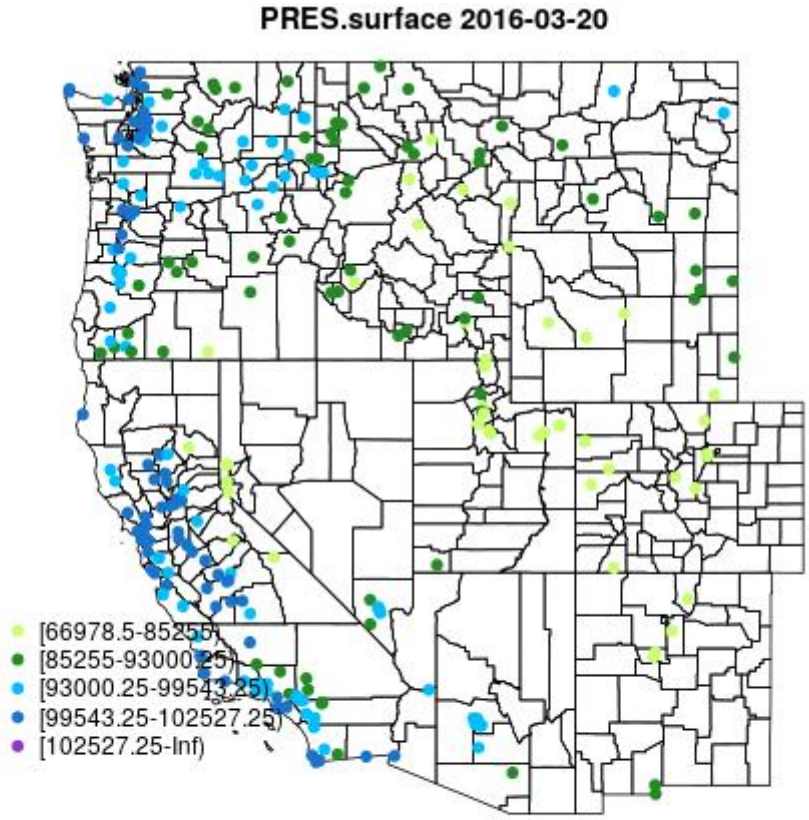

Figure 212: PRES.surface 2016-03-20

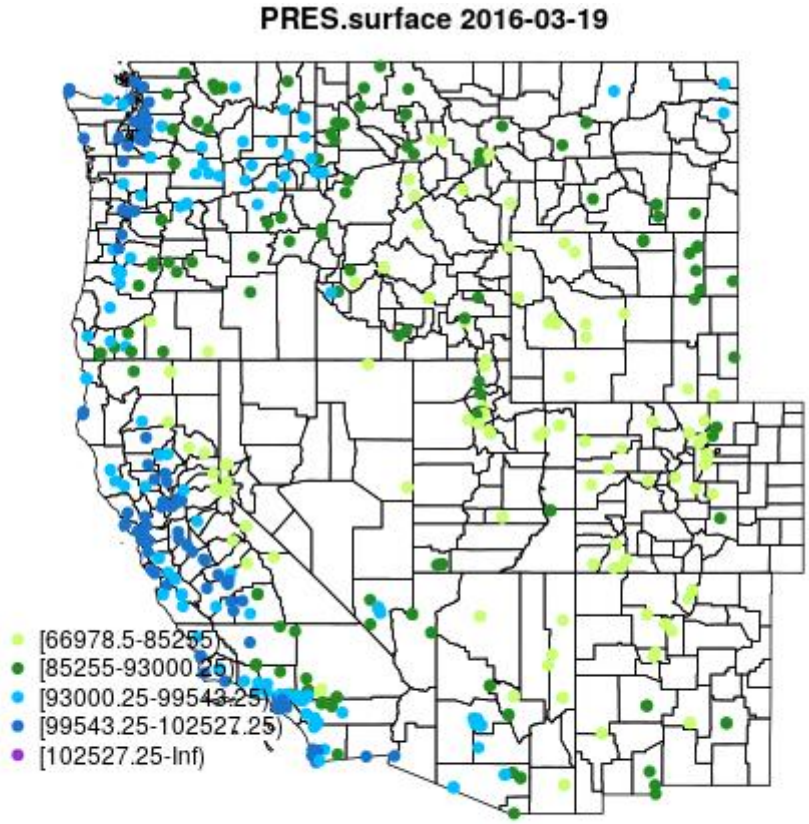

Figure 213: PRES.surface 2016-03-19

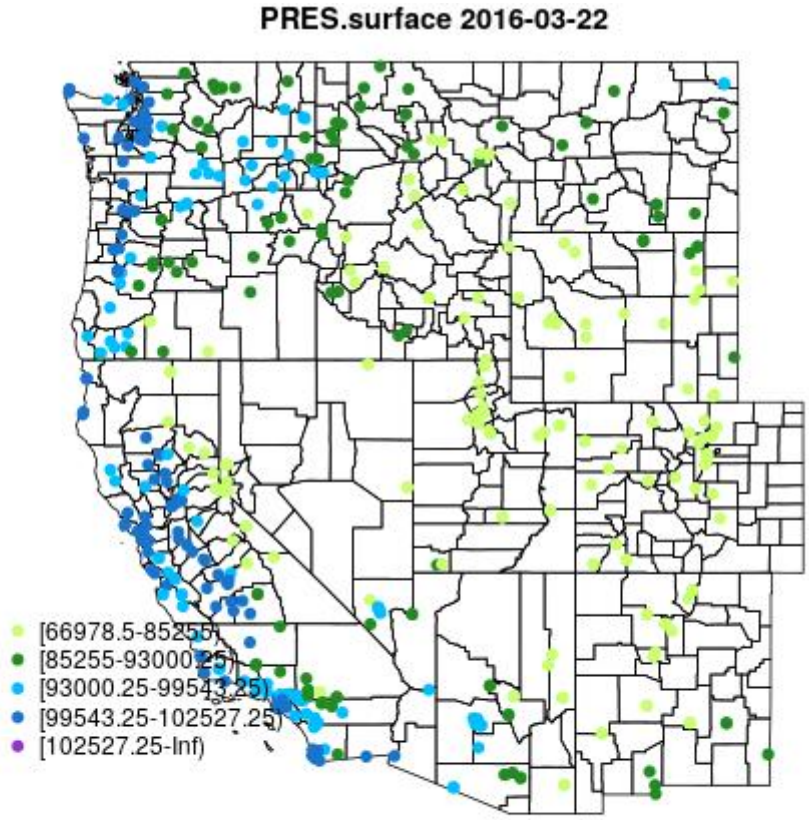

Figure 214: PRES.surface 2016-03-22

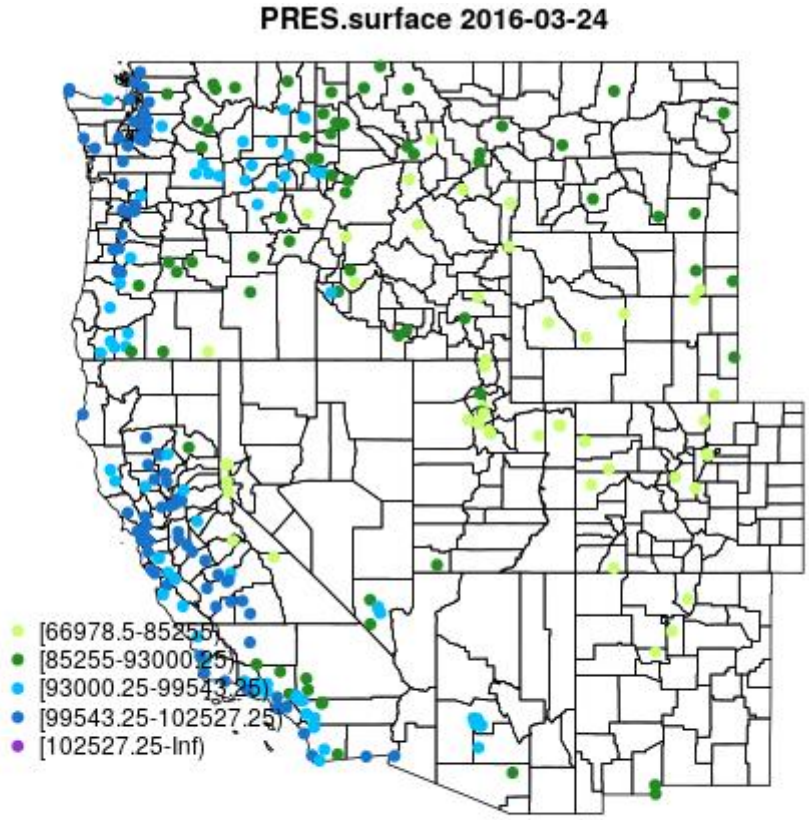

Figure 215: PRES.surface 2016-03-24

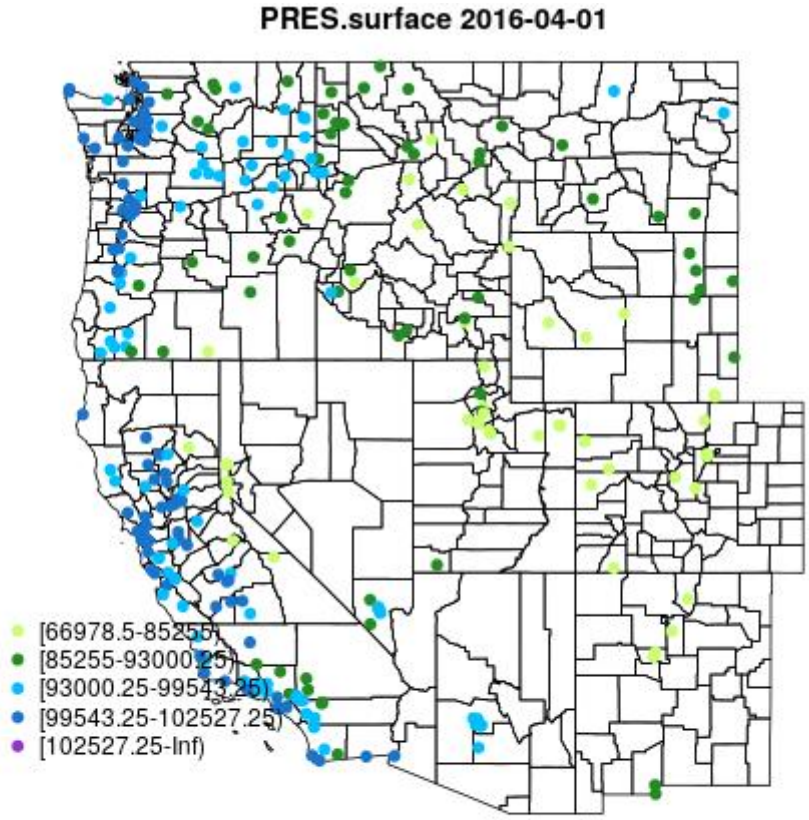

Figure 216: PRES.surface 2016-04-01

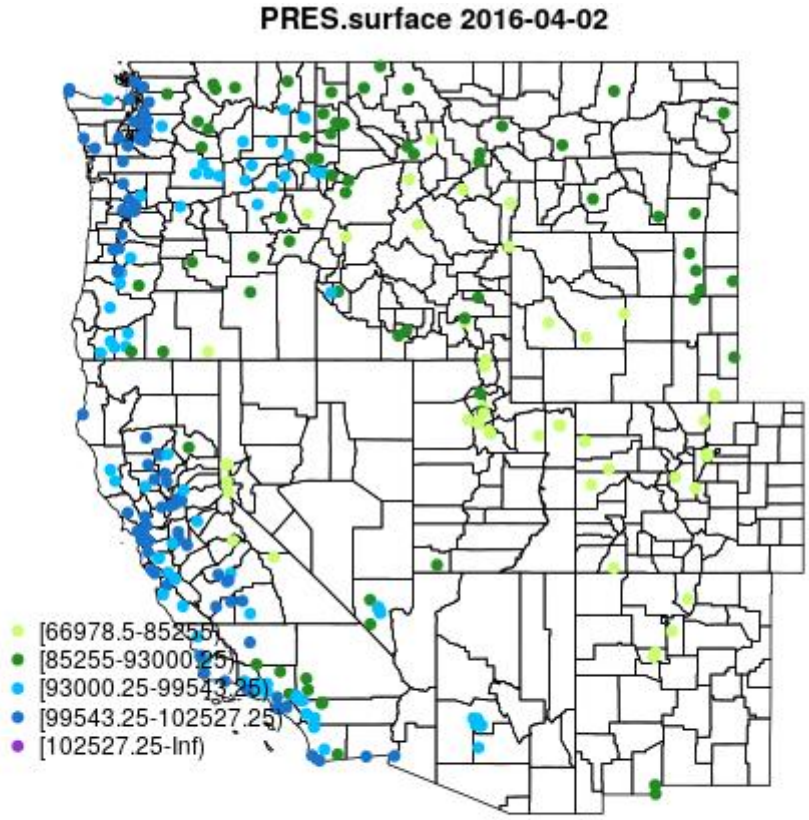

Figure 217: PRES.surface 2016-04-02

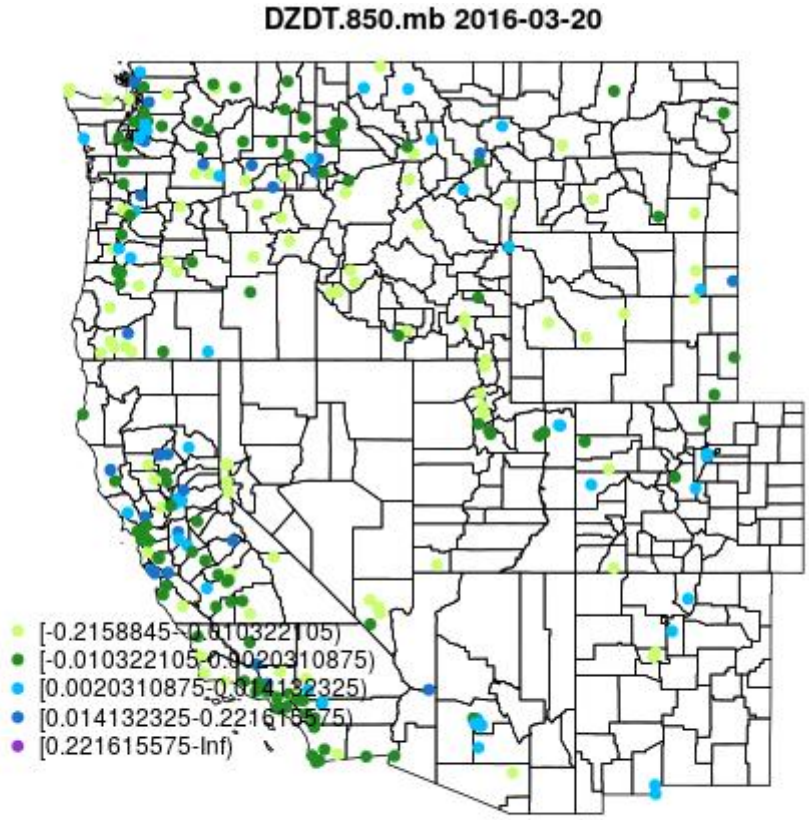

Figure 218: DZDT.850.mb 2016-03-20

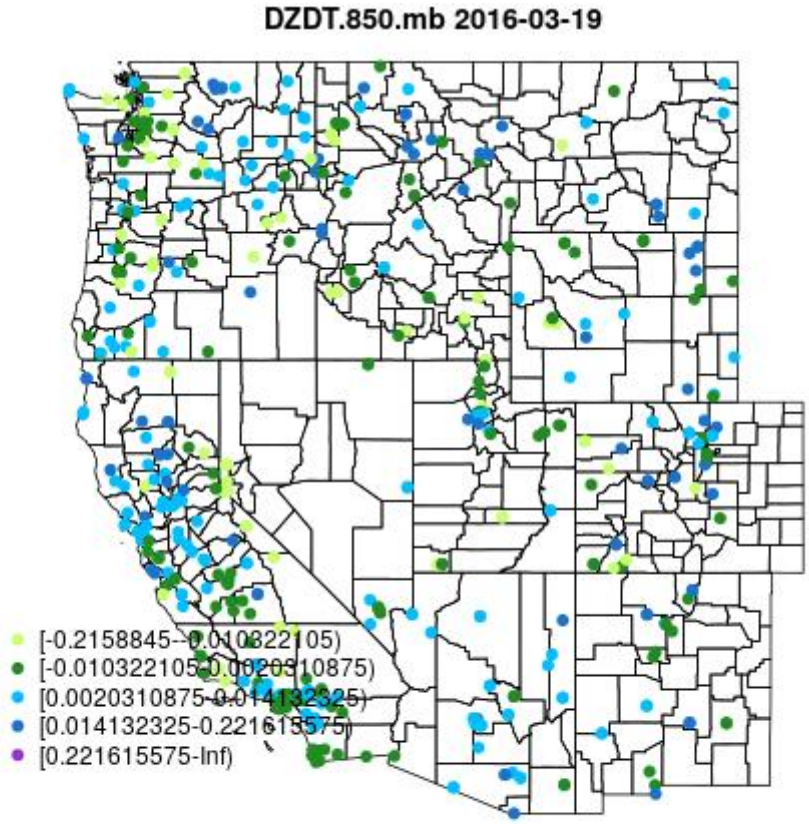

Figure 219: DZDT.850.mb 2016-03-19

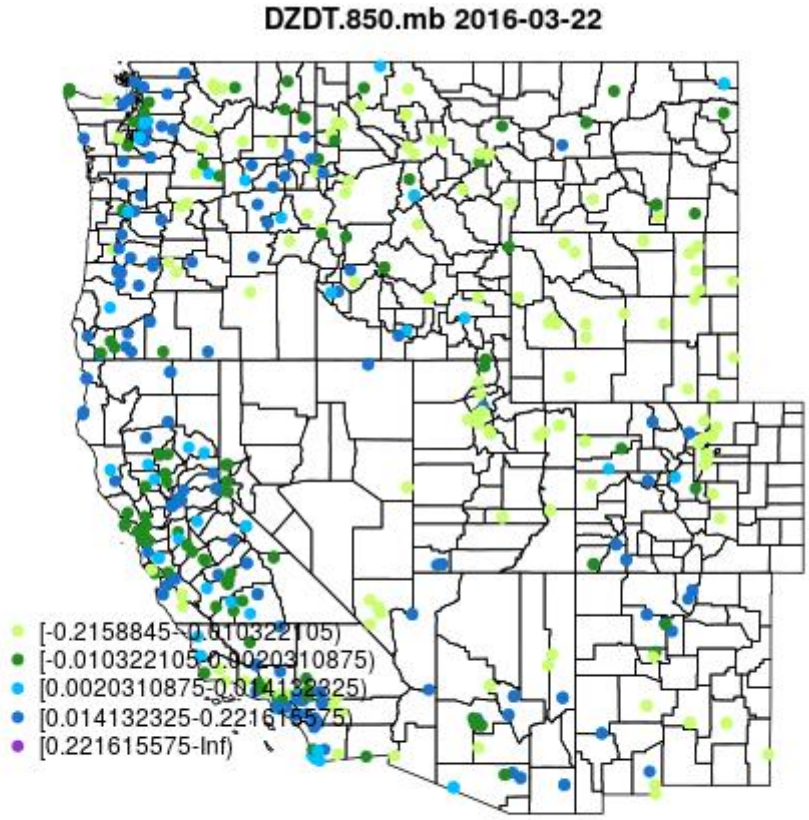

Figure 220: DZDT.850.mb 2016-03-22

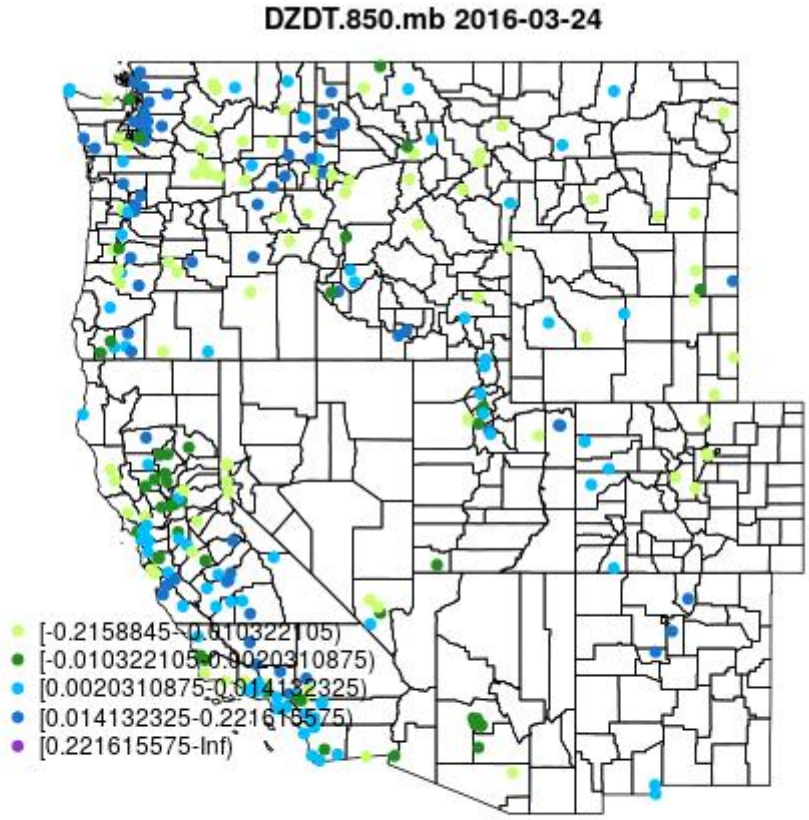

Figure 221: DZDT.850.mb 2016-03-24

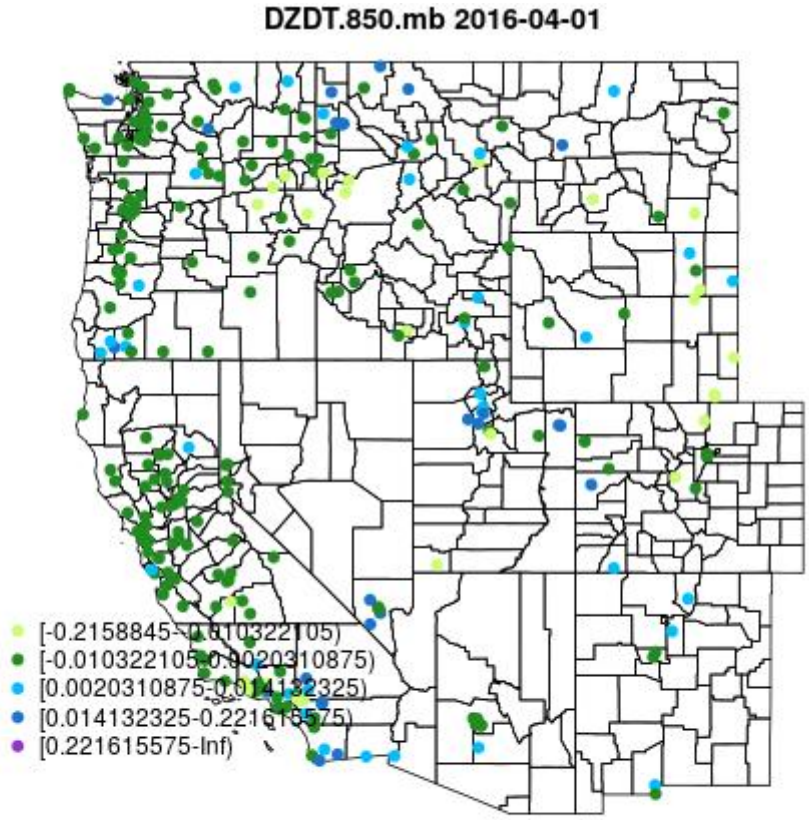

Figure 222: DZDT.850.mb 2016-04-01

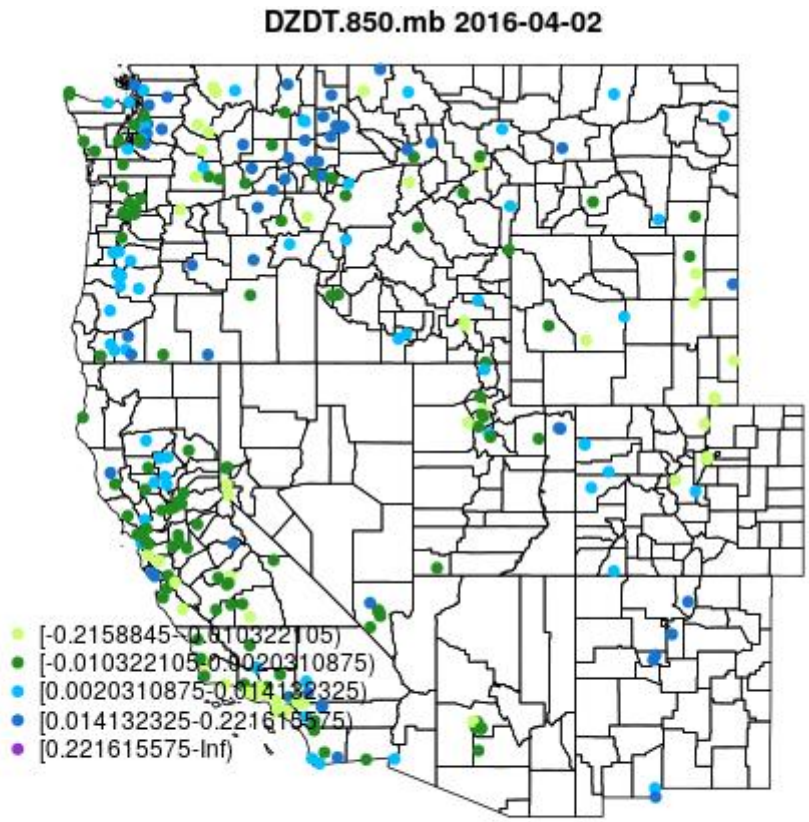

Figure 223: DZDT.850.mb 2016-04-02

0.4 ML Inputs (with NAs) Map monthly medians Images

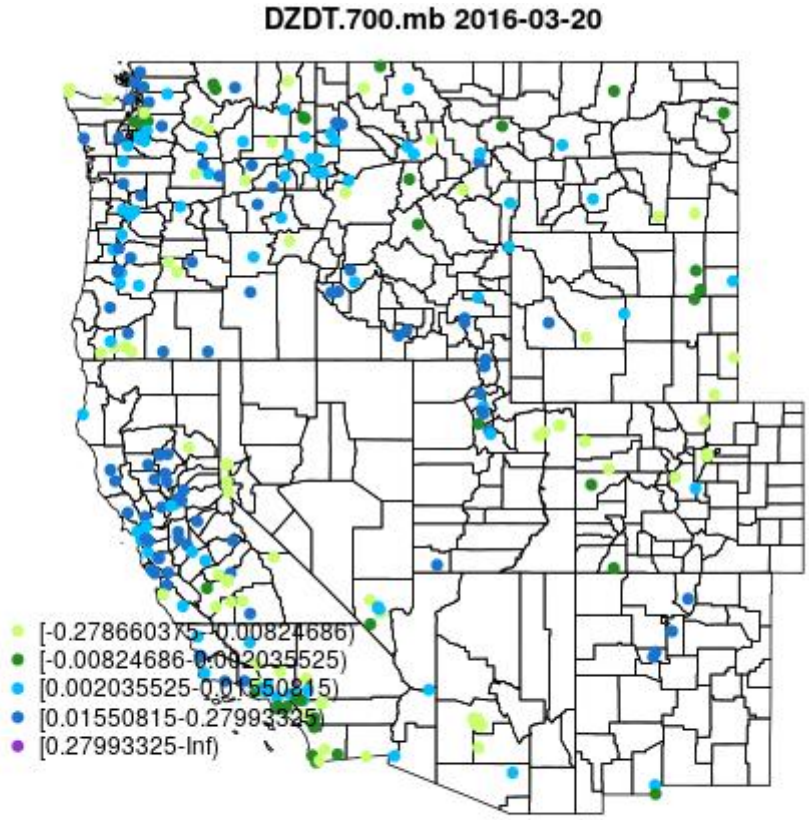

Figure 224: DZDT.700.mb 2016-03-20

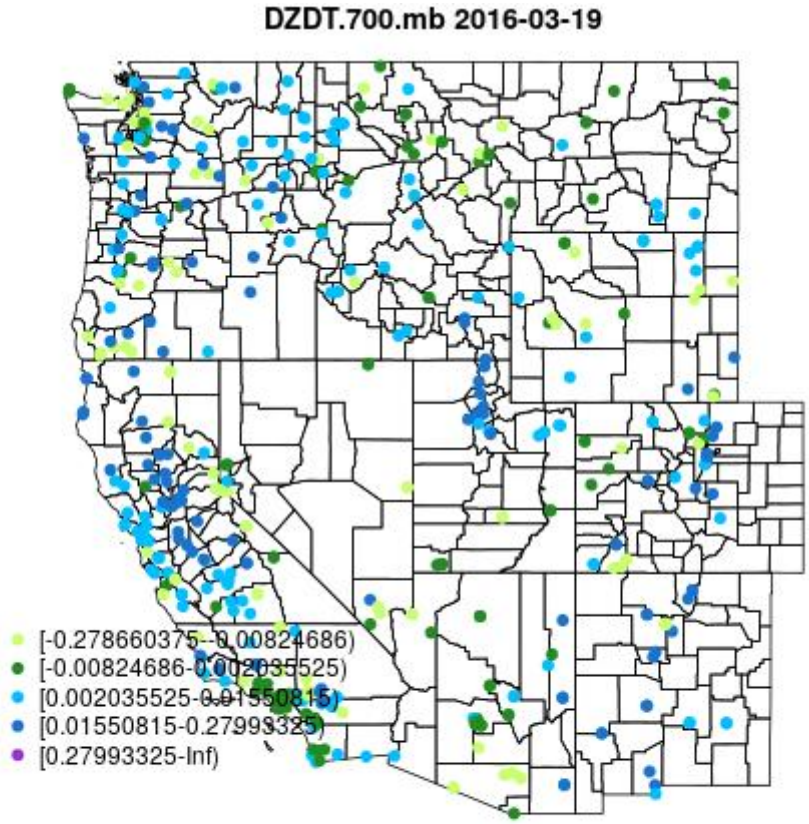

Figure 225: DZDT.700.mb 2016-03-19

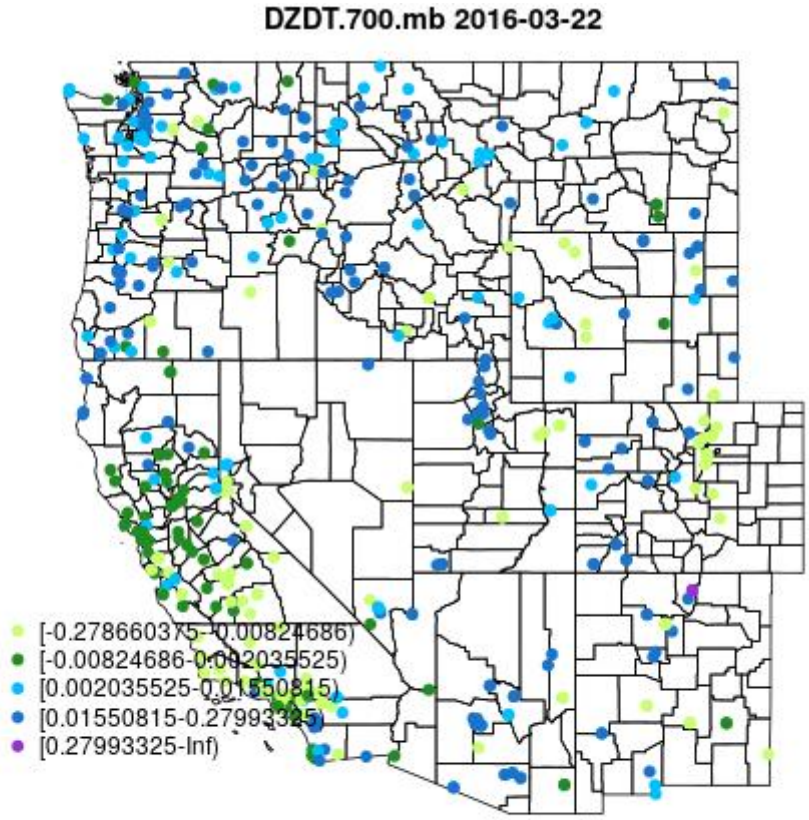

Figure 226: DZDT.700.mb 2016-03-22

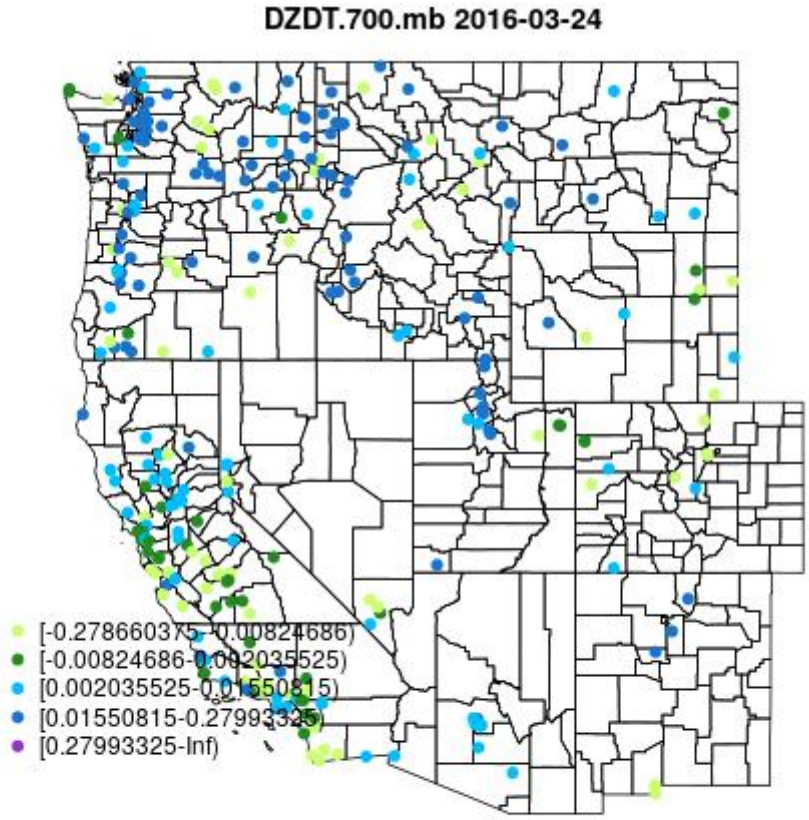

Figure 227: DZDT.700.mb 2016-03-24

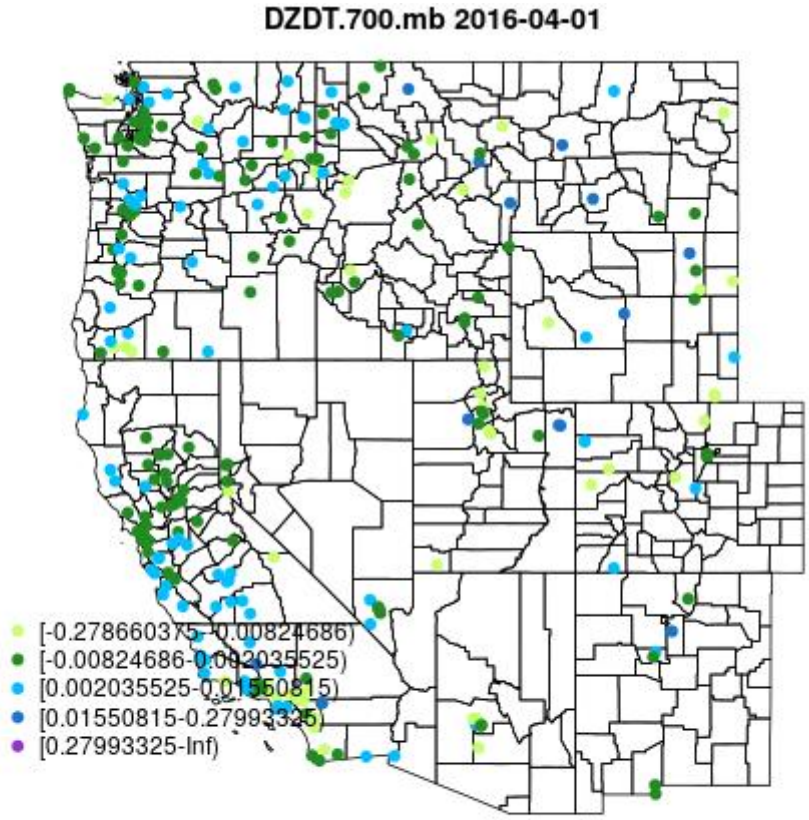

Figure 228: DZDT.700.mb 2016-04-01

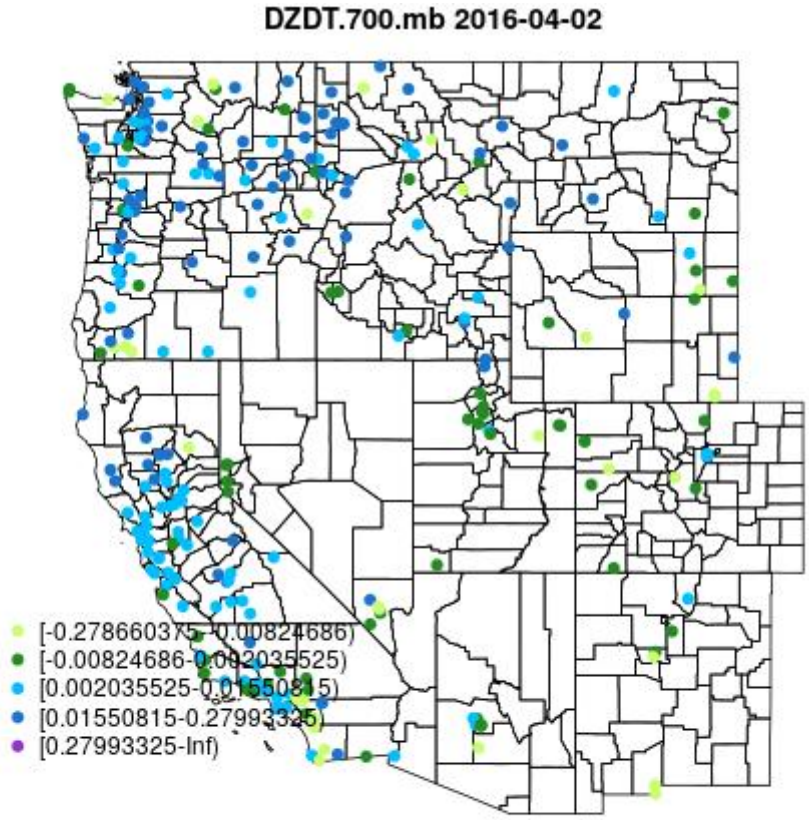

Figure 229: DZDT.700.mb 2016-04-02

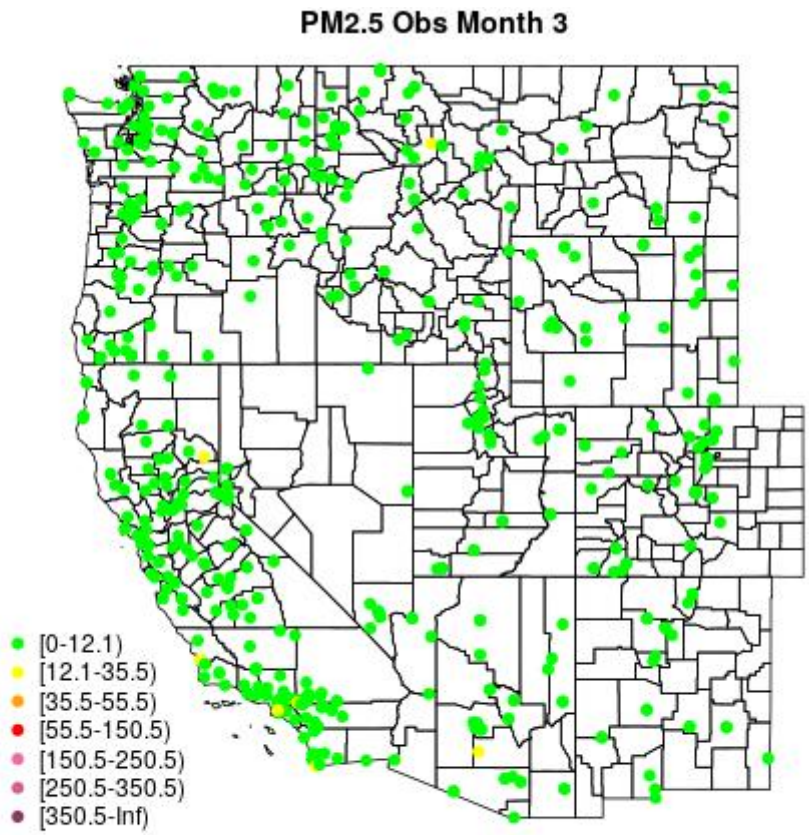

Figure 230: PM2.5 Obs Month 3

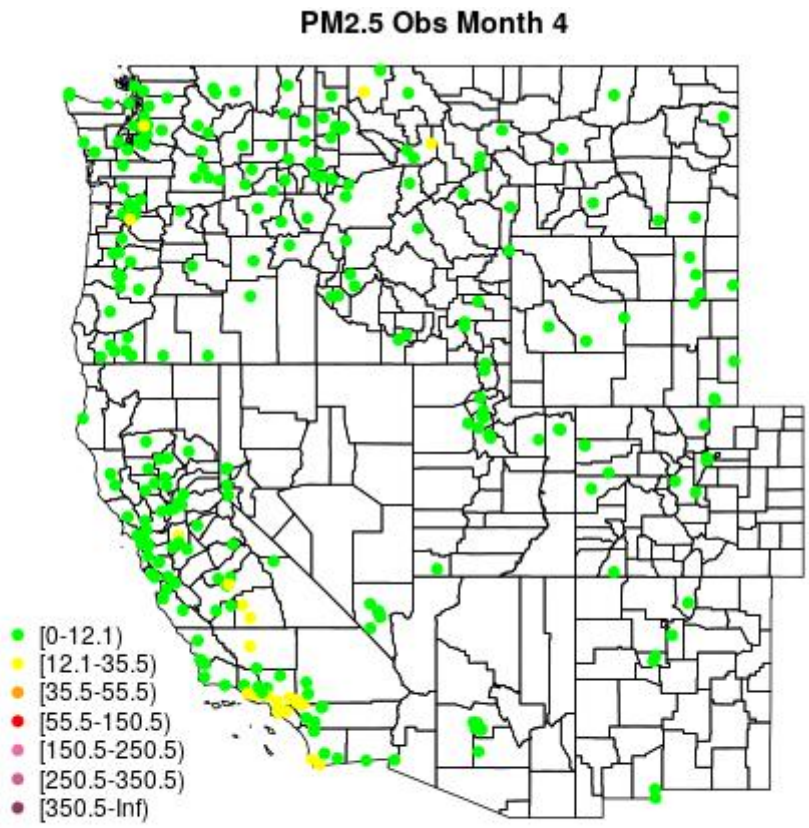

Figure 231: PM2.5 Obs Month 4

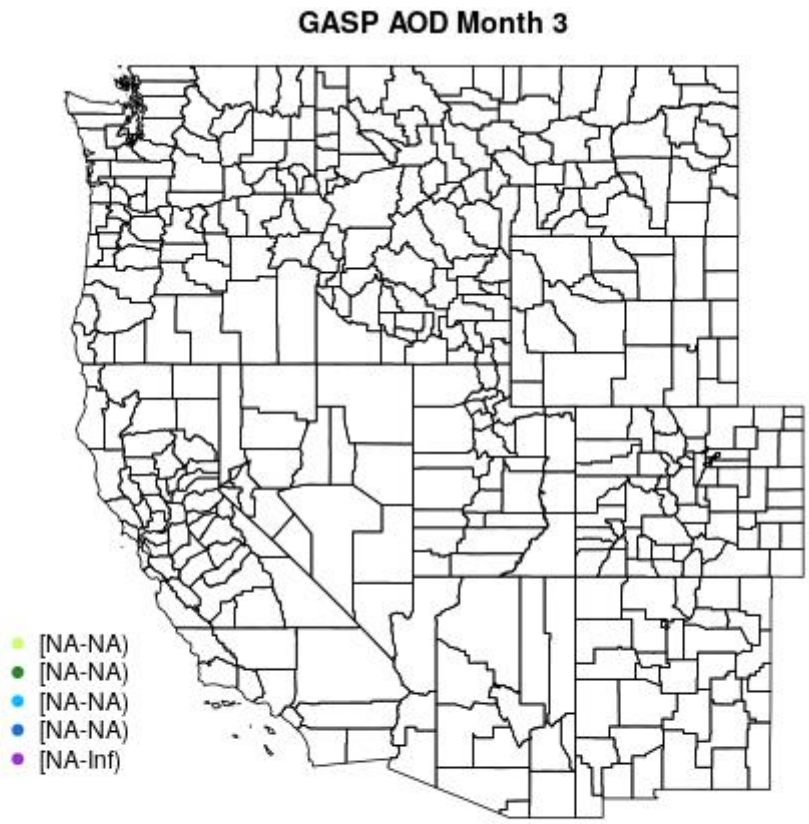

Figure 232: GASP AOD Month 3

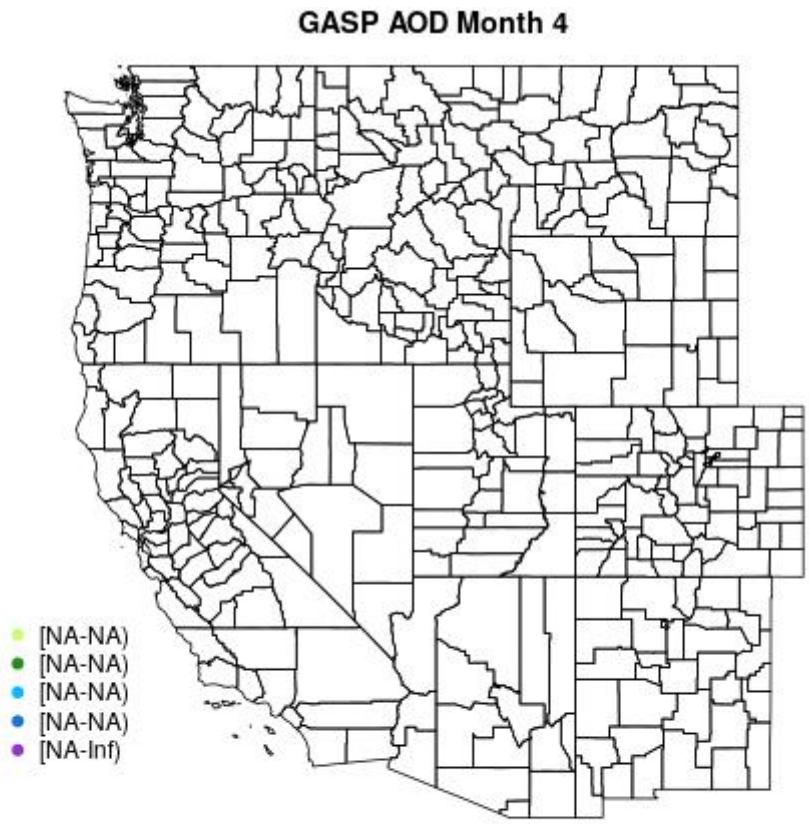

Figure 233: GASP AOD Month 4

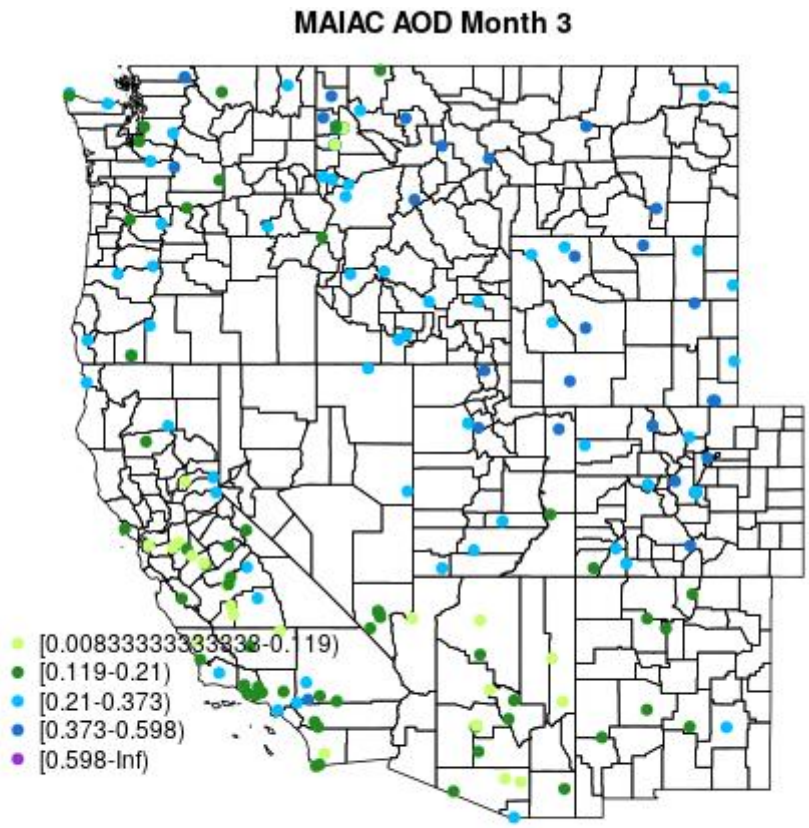

Figure 234: MAIAC AOD Month 3

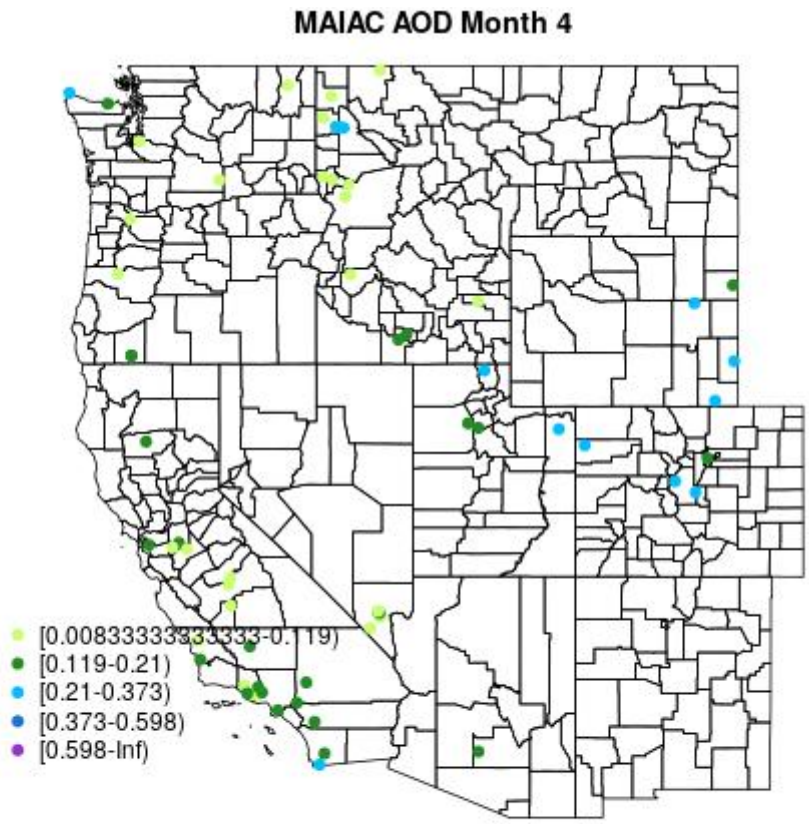

Figure 235: MAIAC AOD Month 4

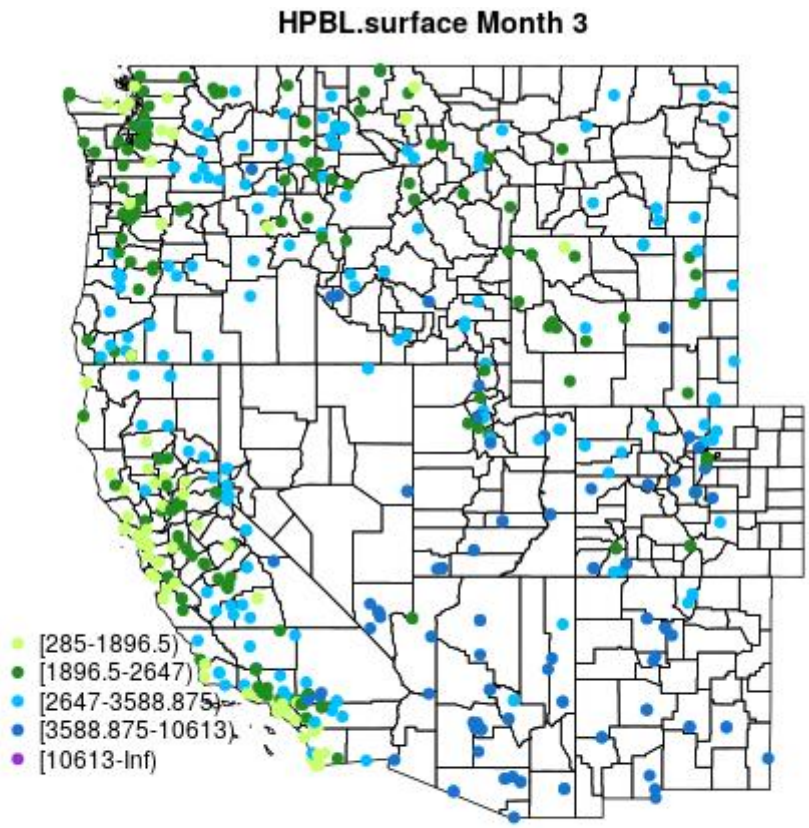

Figure 236: HPBL.surface Month 3

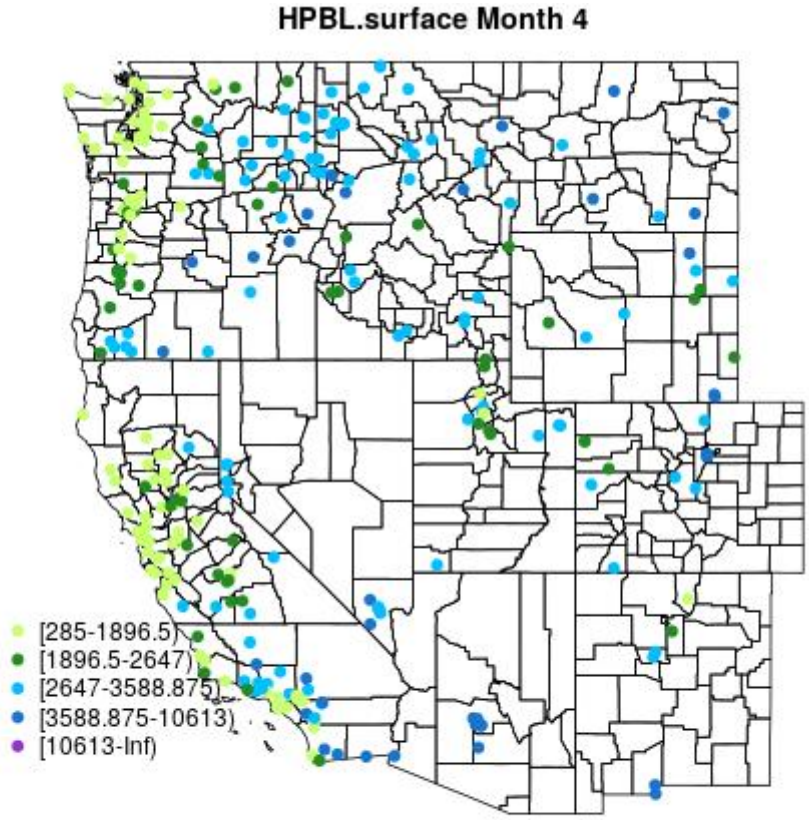

Figure 237: HPBL.surface Month 4

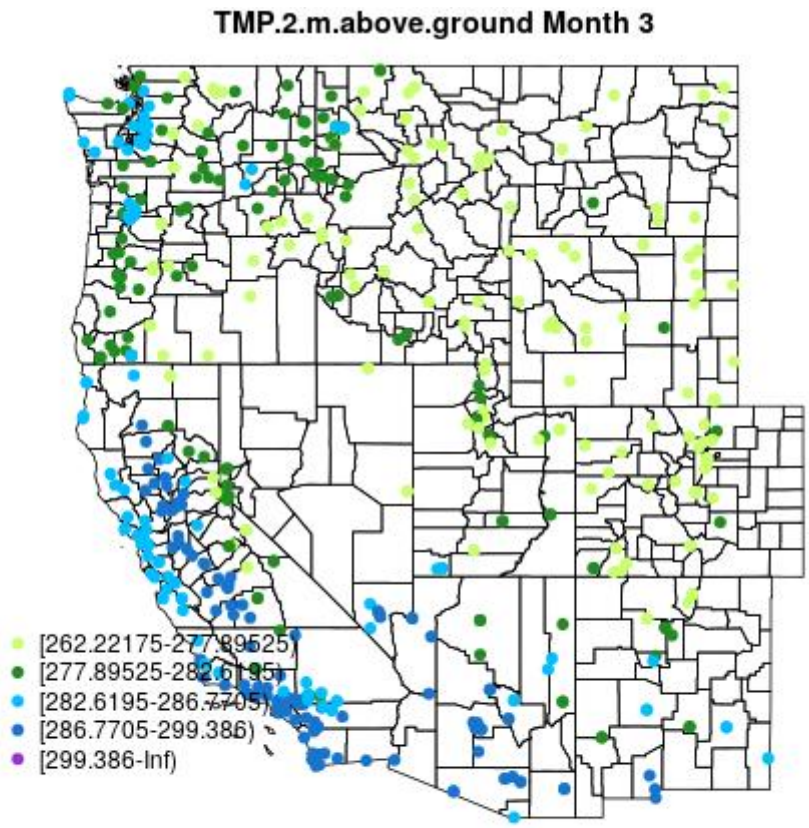

Figure 238: TMP.2.m.above.ground Month 3

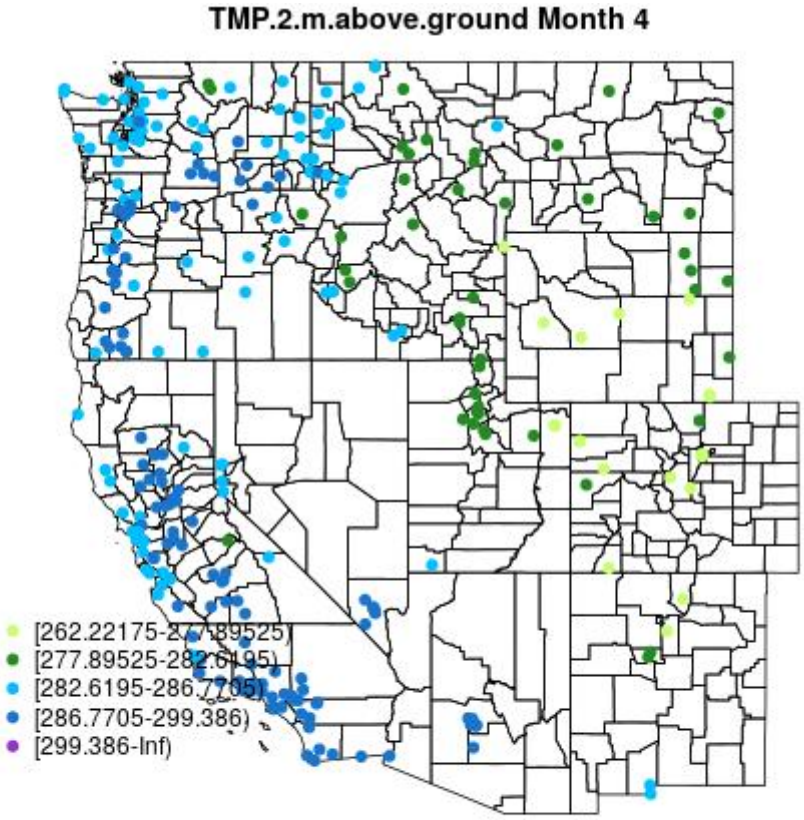

Figure 239: TMP.2.m.above.ground Month 4

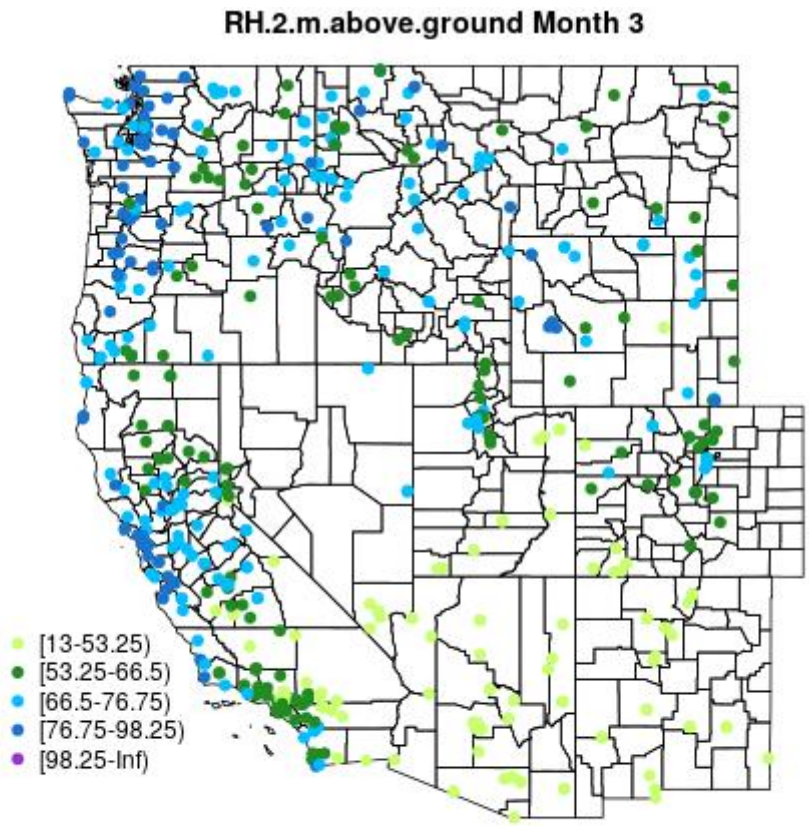

Figure 240: RH.2.m.above.ground Month 3

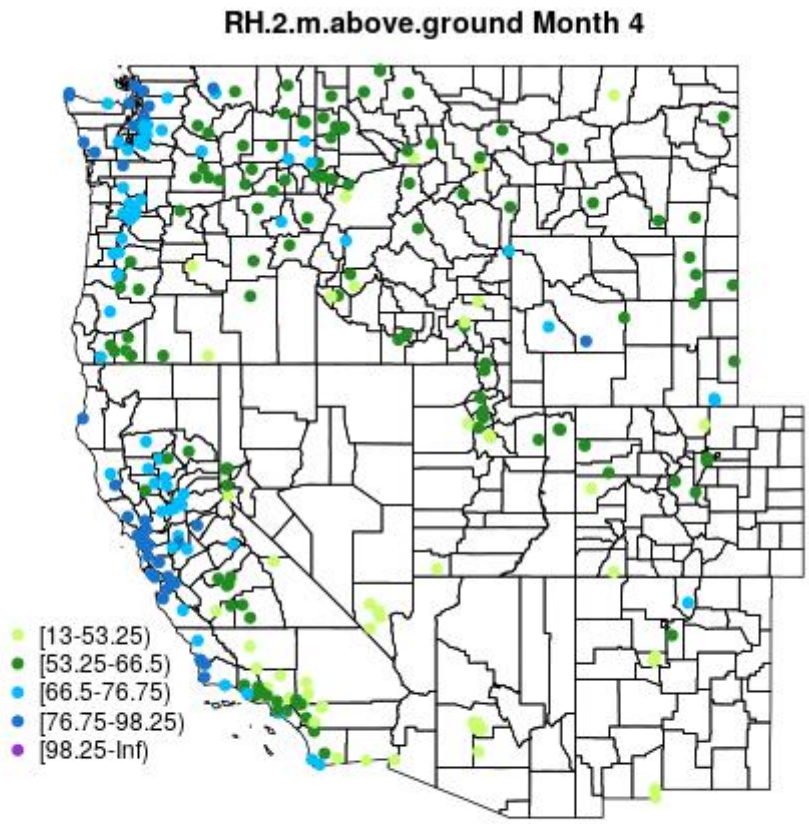

Figure 241: RH.2.m.above.ground Month 4

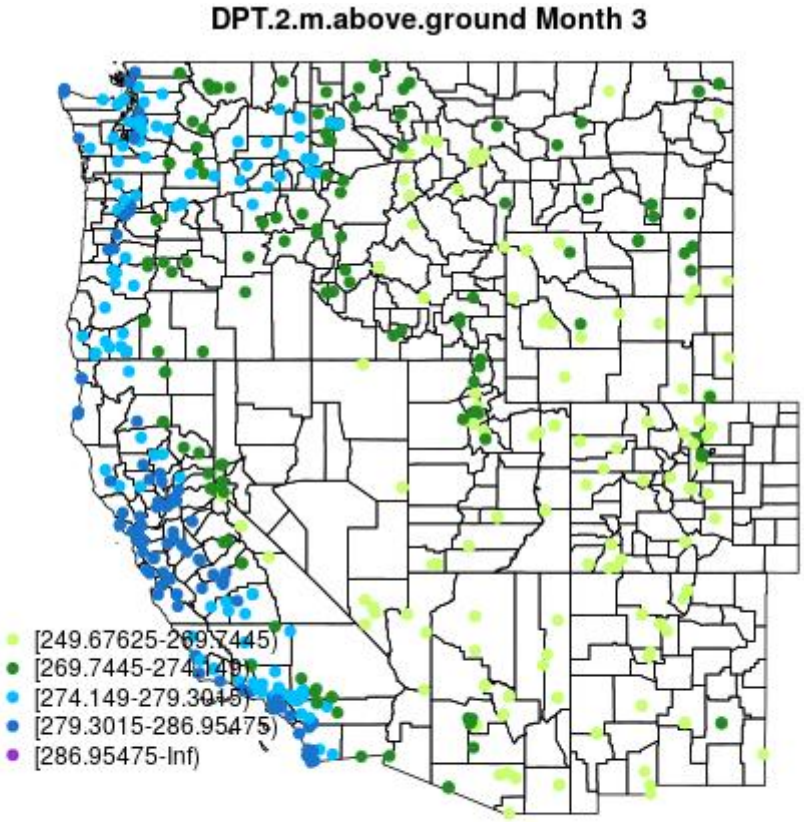

Figure 242: DPT.2.m.above.ground Month 3

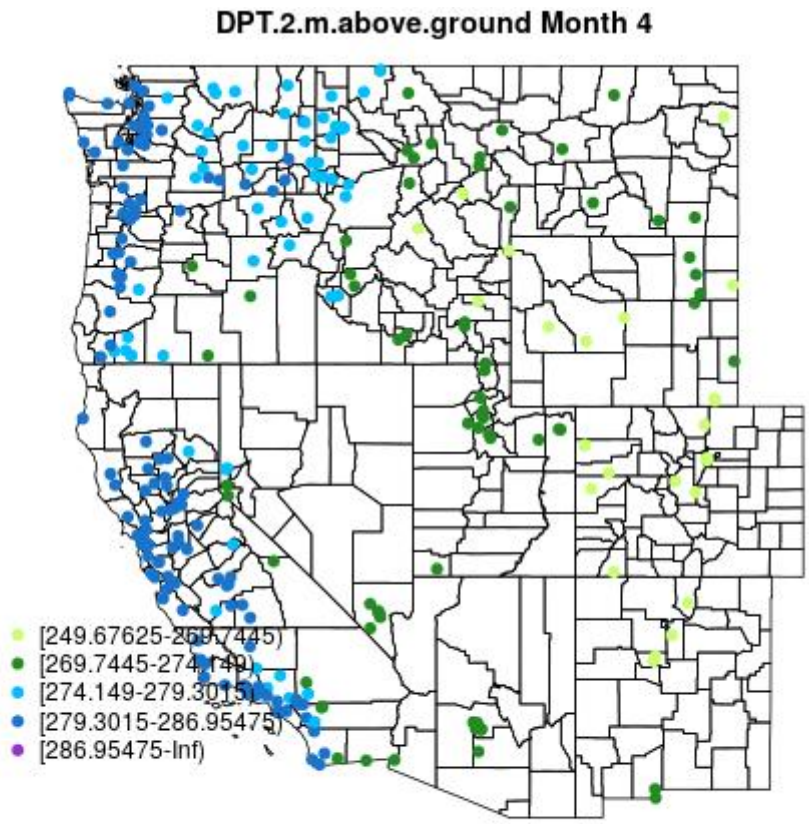

Figure 243: DPT.2.m.above.ground Month 4

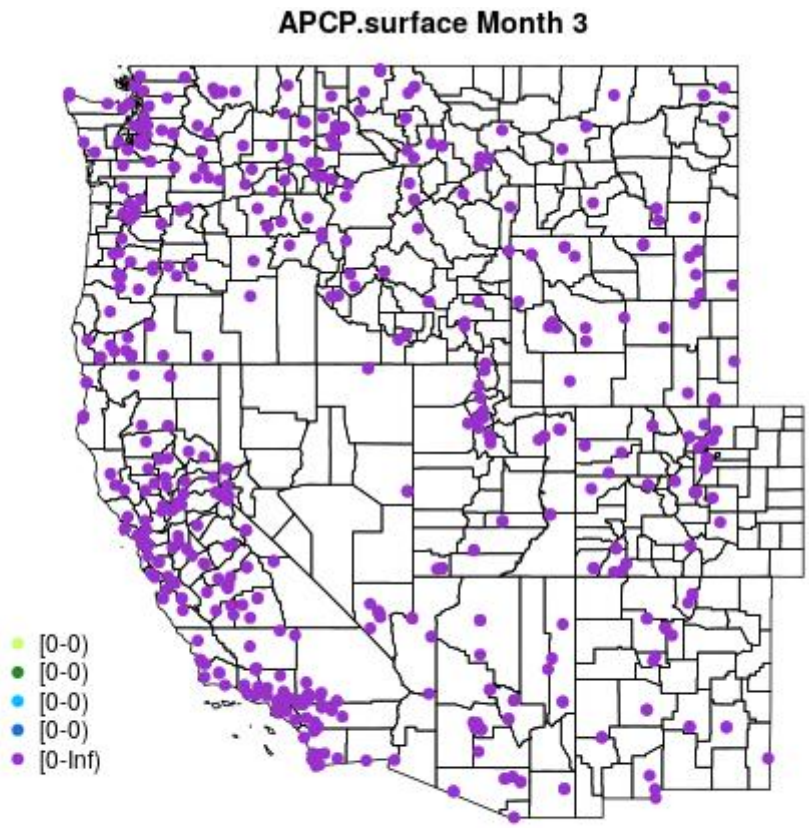

Figure 244: APCP.surface Month 3

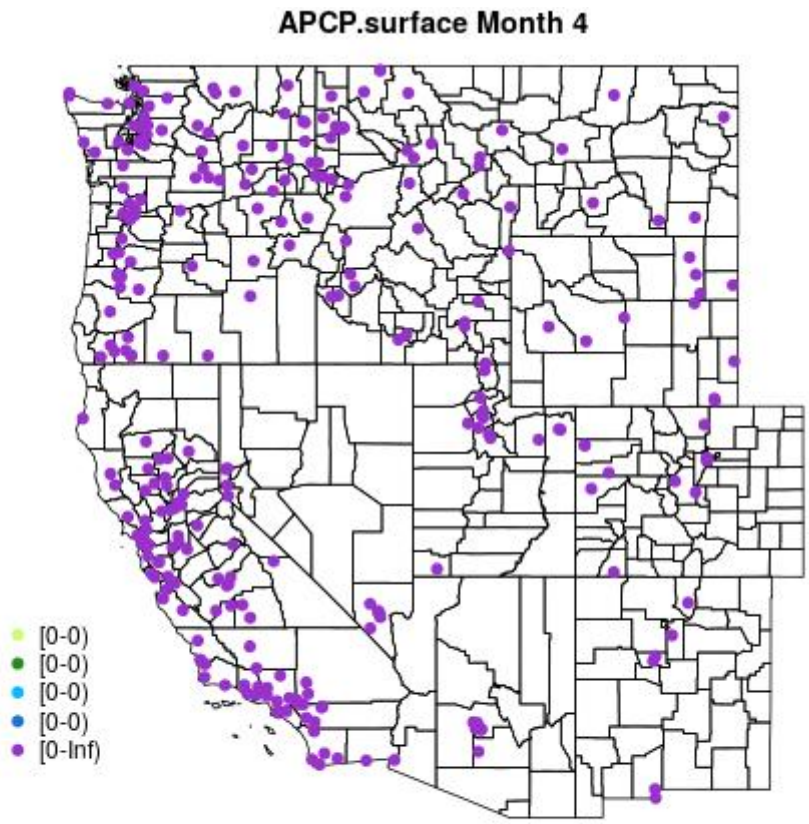

Figure 245: APCP.surface Month 4

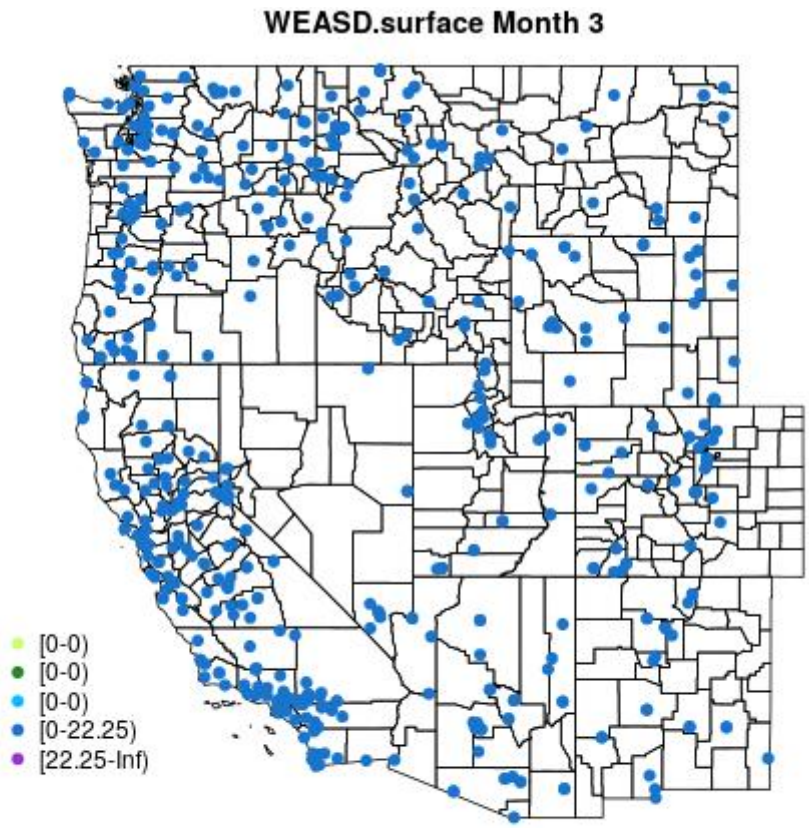

Figure 246: WEASD.surface Month 3

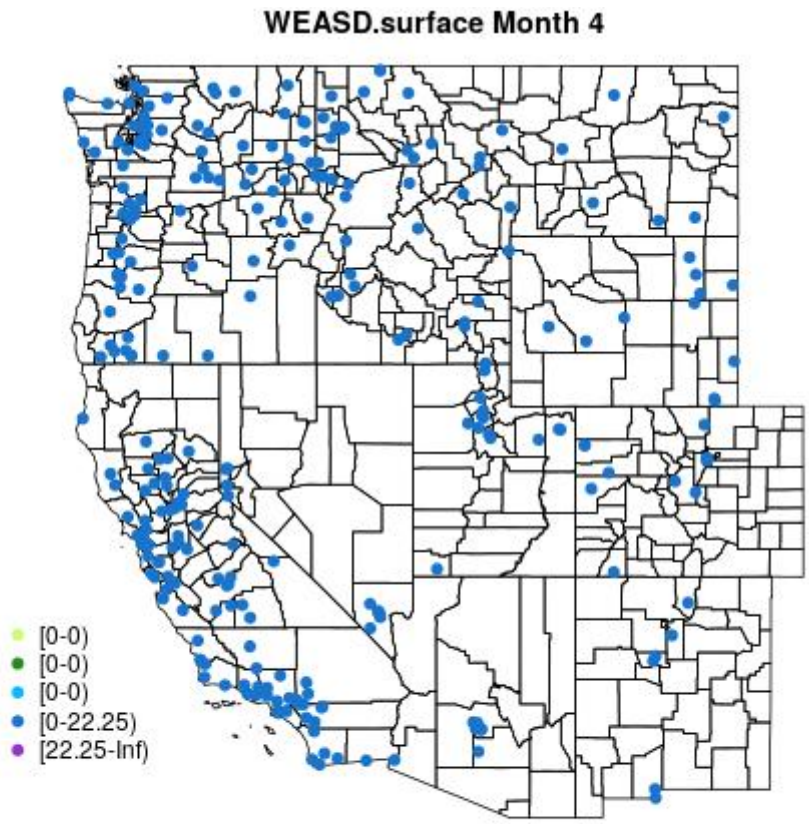

Figure 247: WEASD.surface Month 4

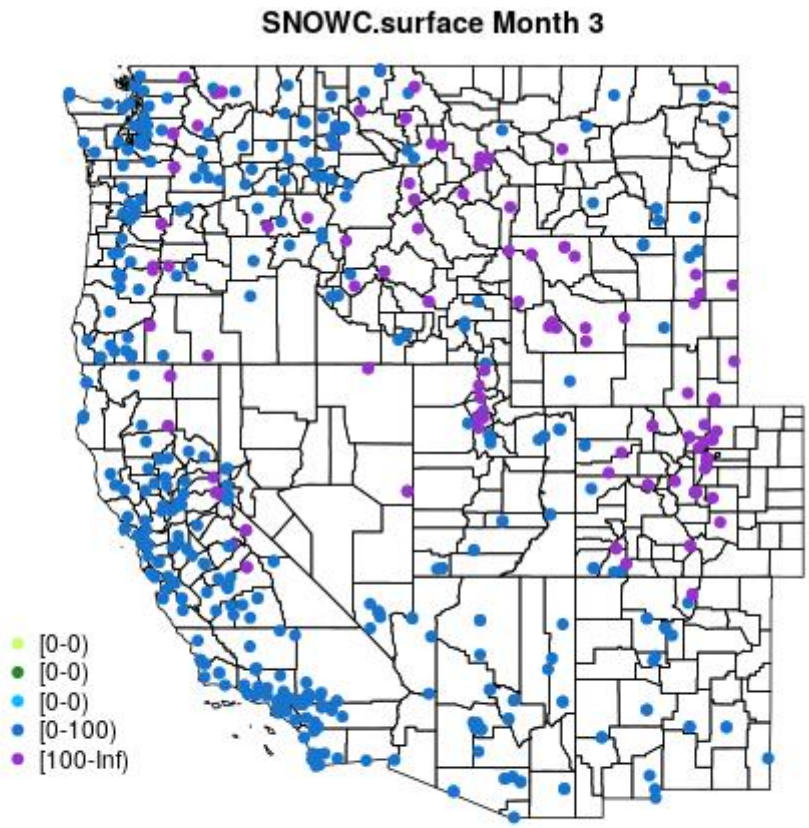

Figure 248: SNOWC.surface Month 3

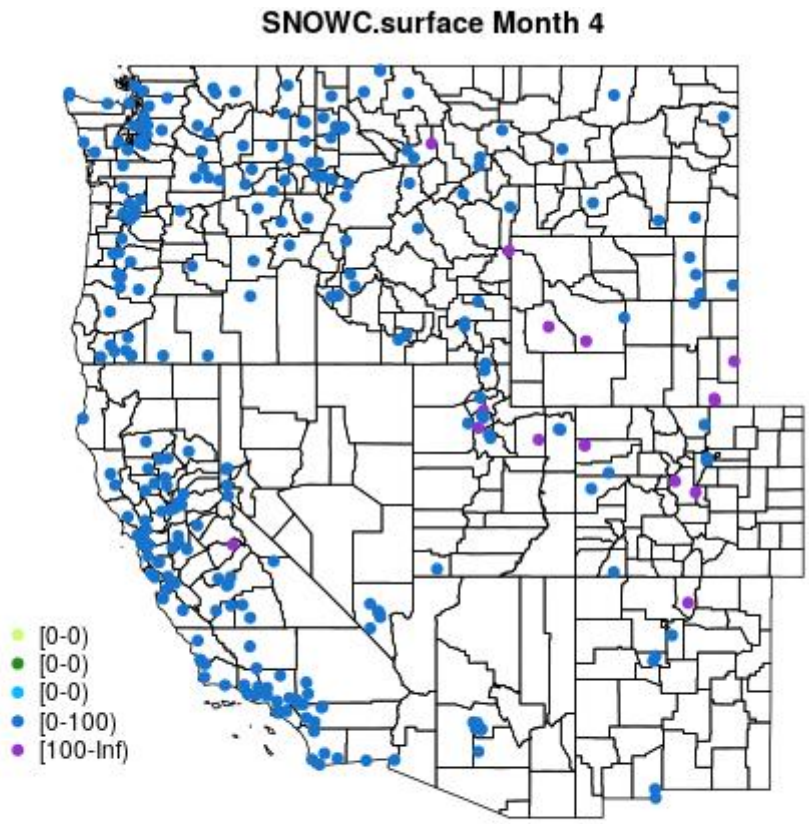

Figure 249: SNOWC.surface Month 4

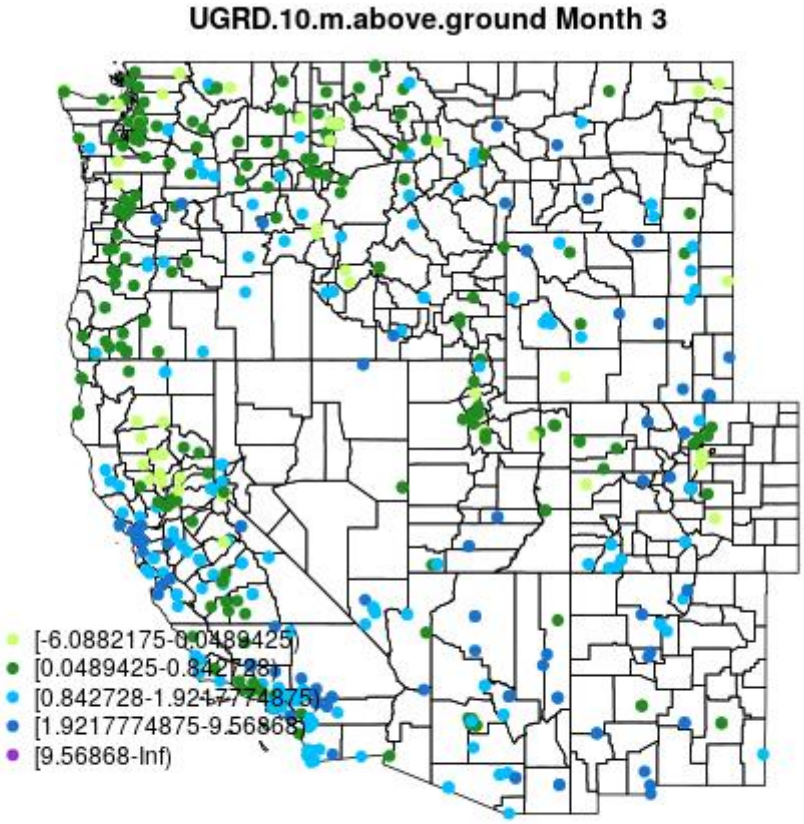

Figure 250: UGRD.10.m.above.ground Month 3

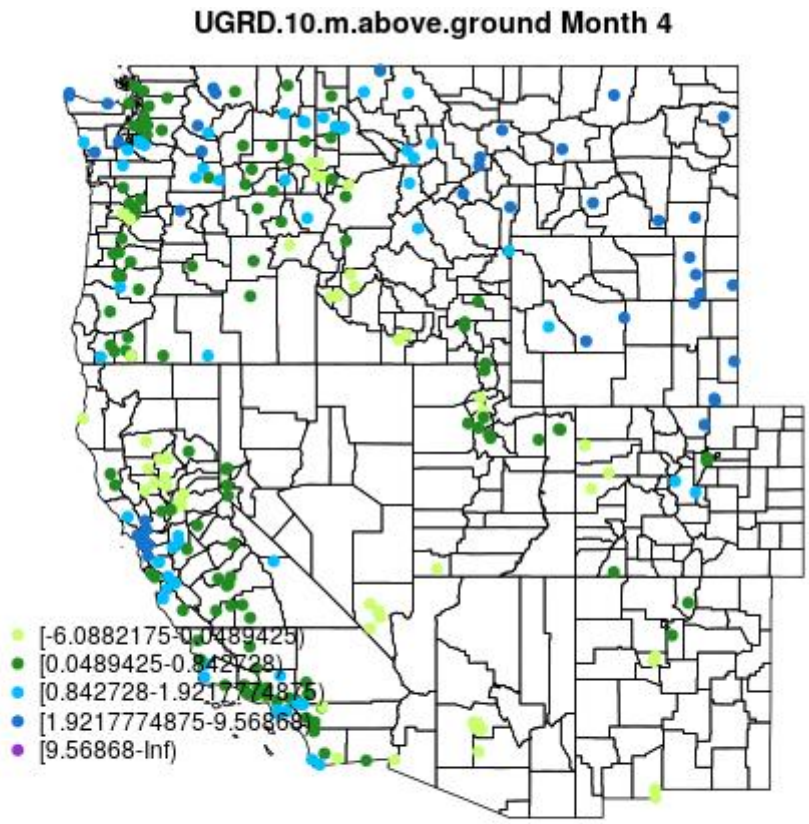

Figure 251: UGRD.10.m.above.ground Month 4

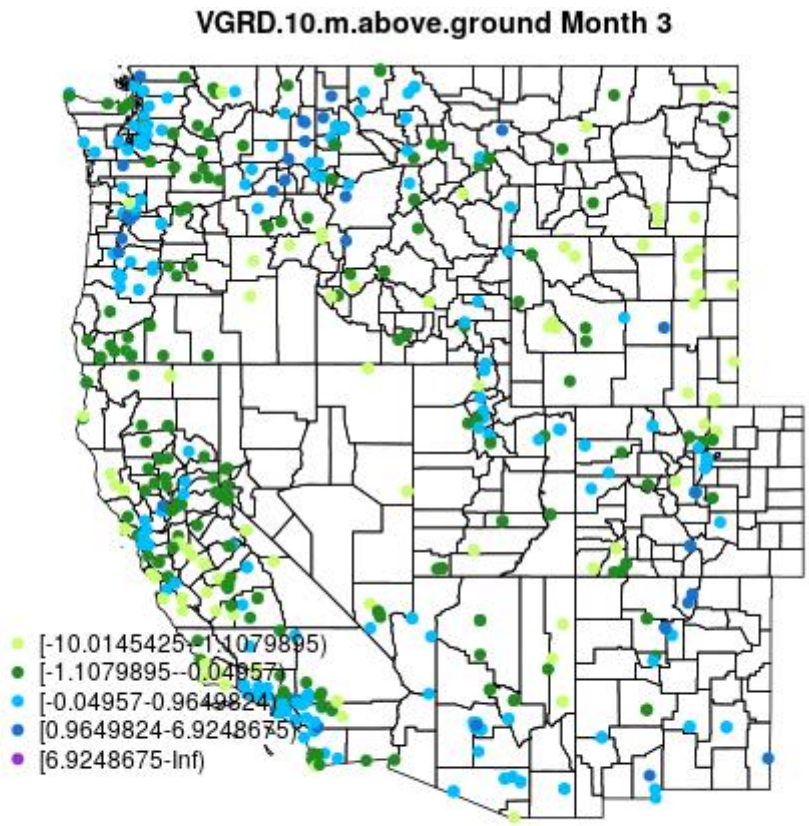

Figure 252: VGRD.10.m.above.ground Month 3

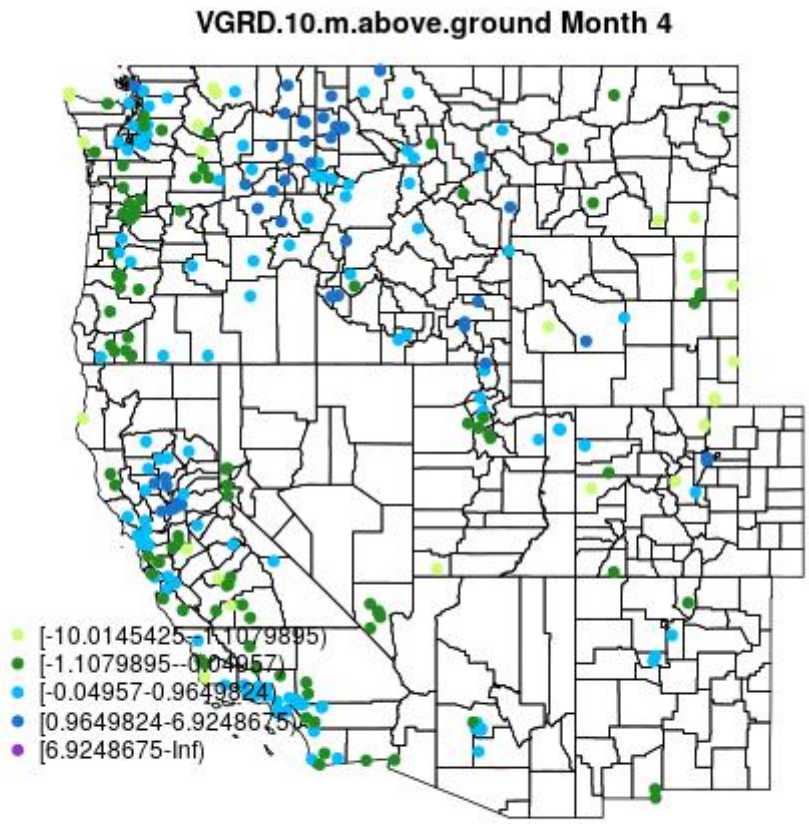

Figure 253: VGRD.10.m.above.ground Month 4

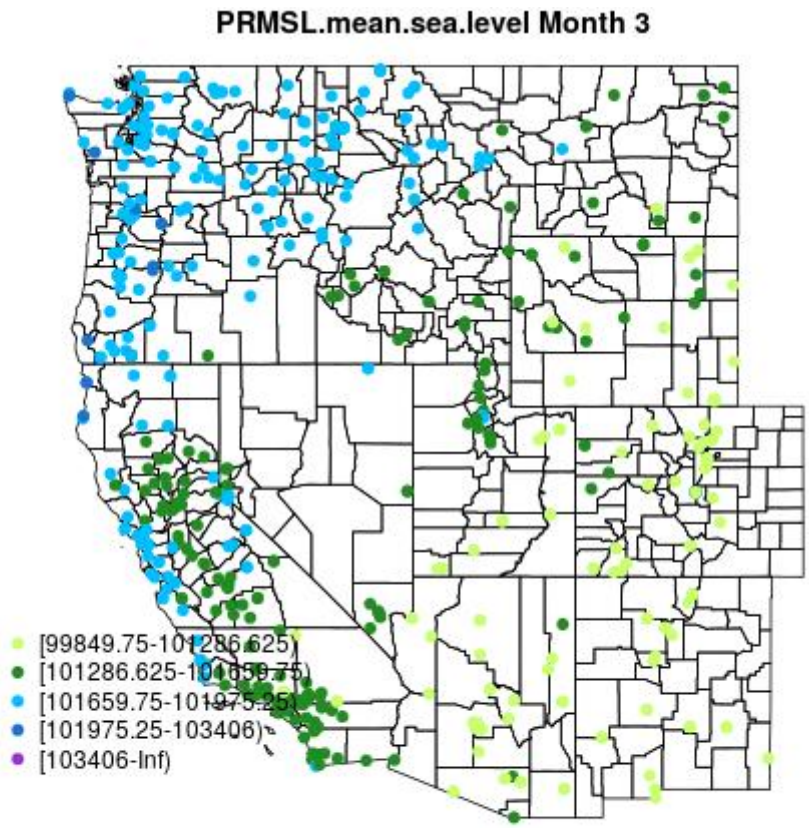

Figure 254: PRMSL.mean.sea.level Month 3

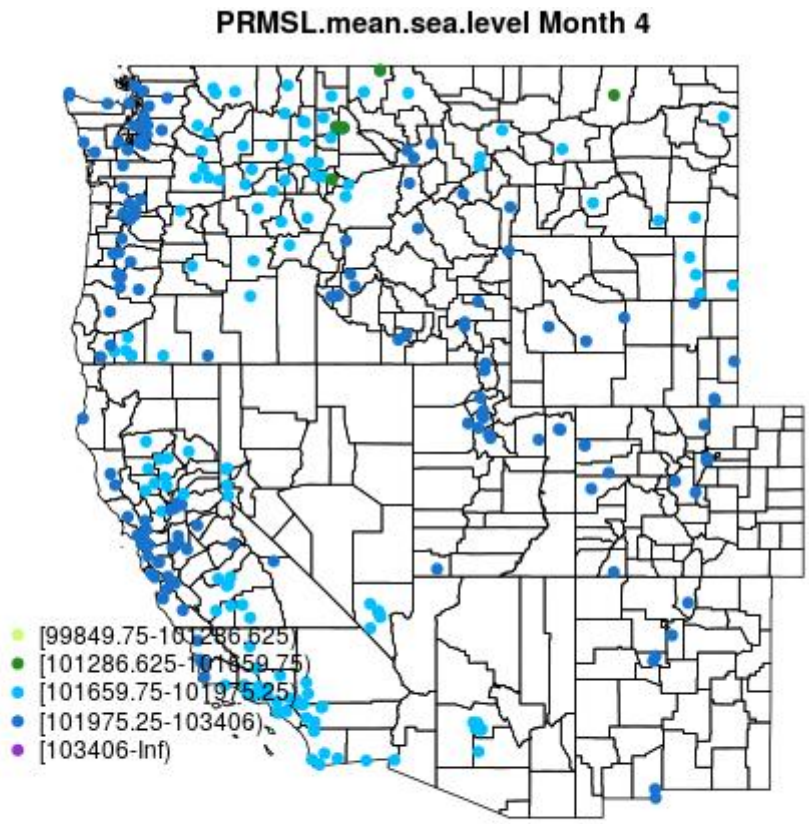

Figure 255: PRMSL.mean.sea.level Month 4

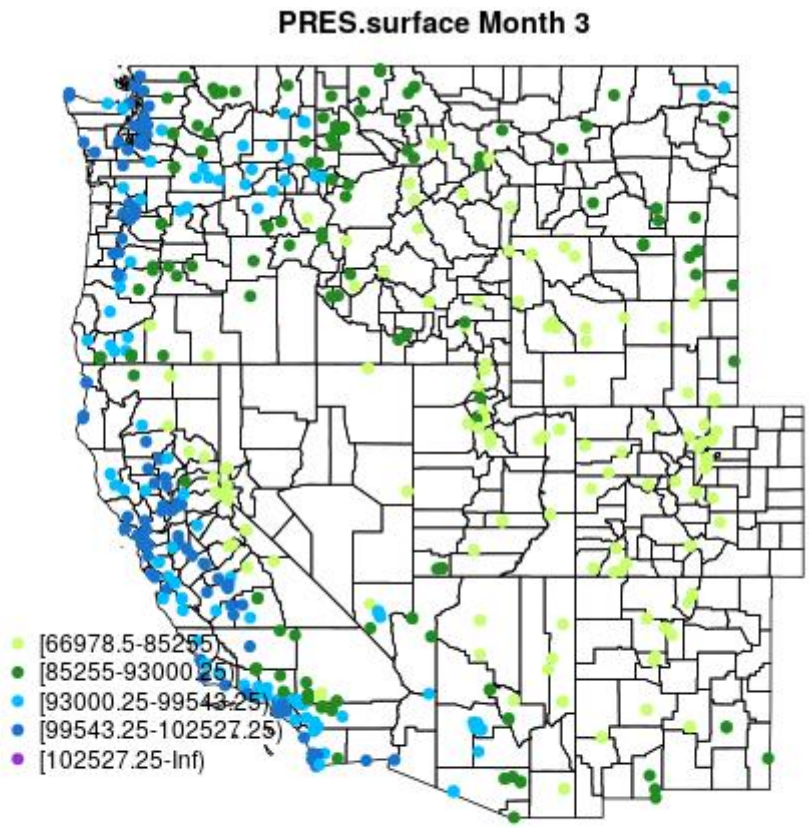

Figure 256: PRES.surface Month 3

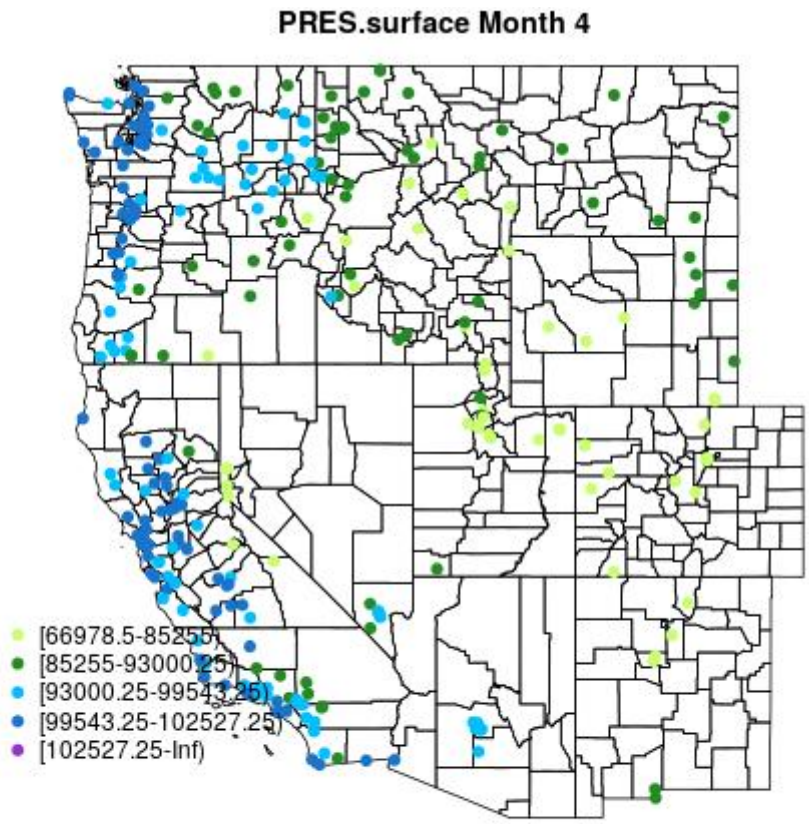

Figure 257: PRES.surface Month 4

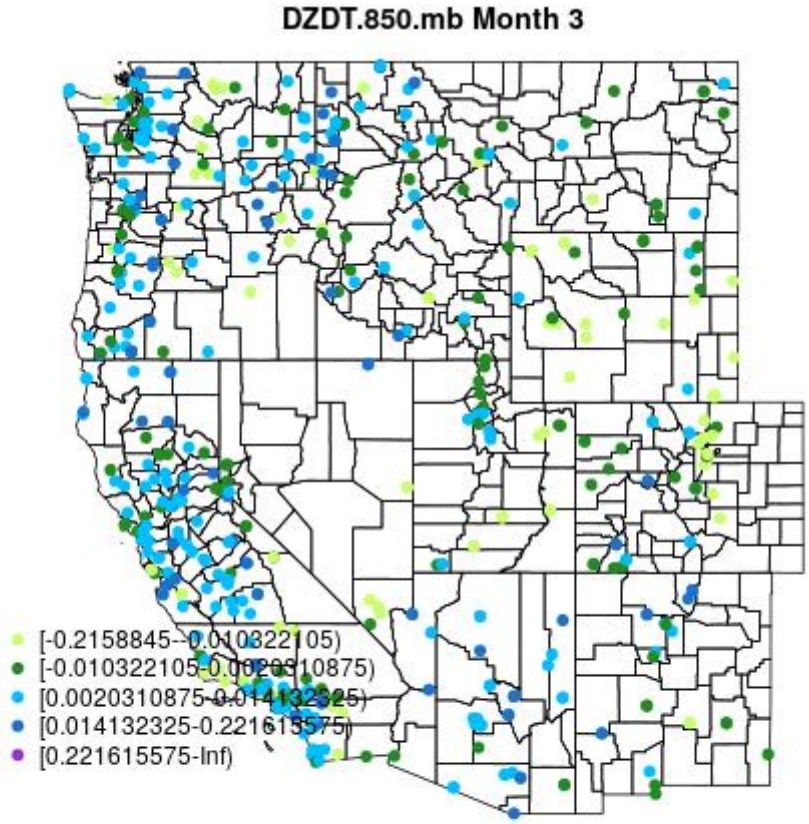

Figure 258: DZDT.850.mb Month 3

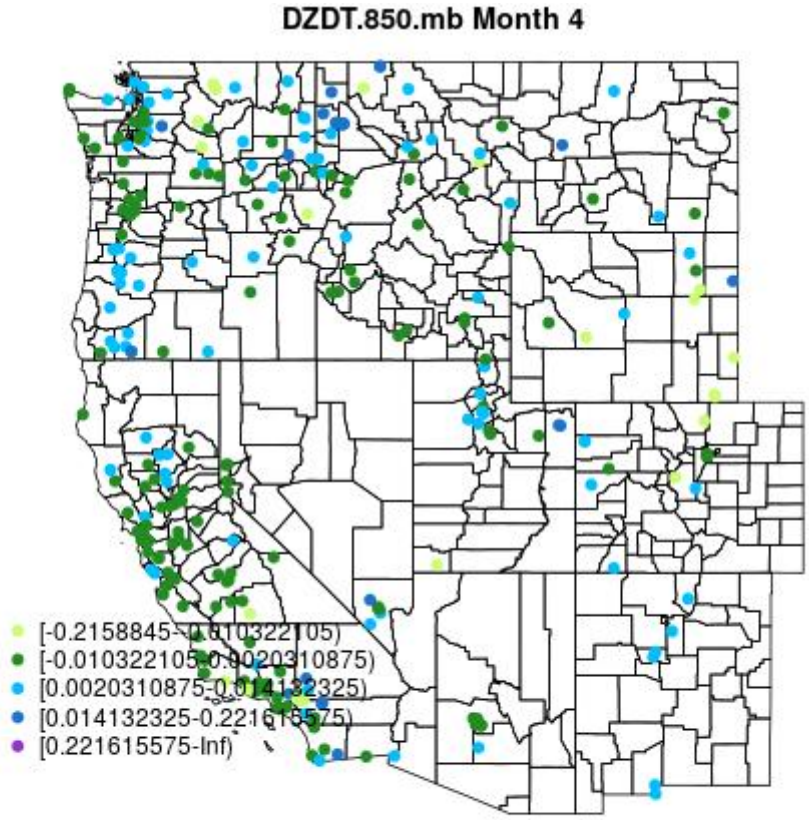

Figure 259: DZDT.850.mb Month 4

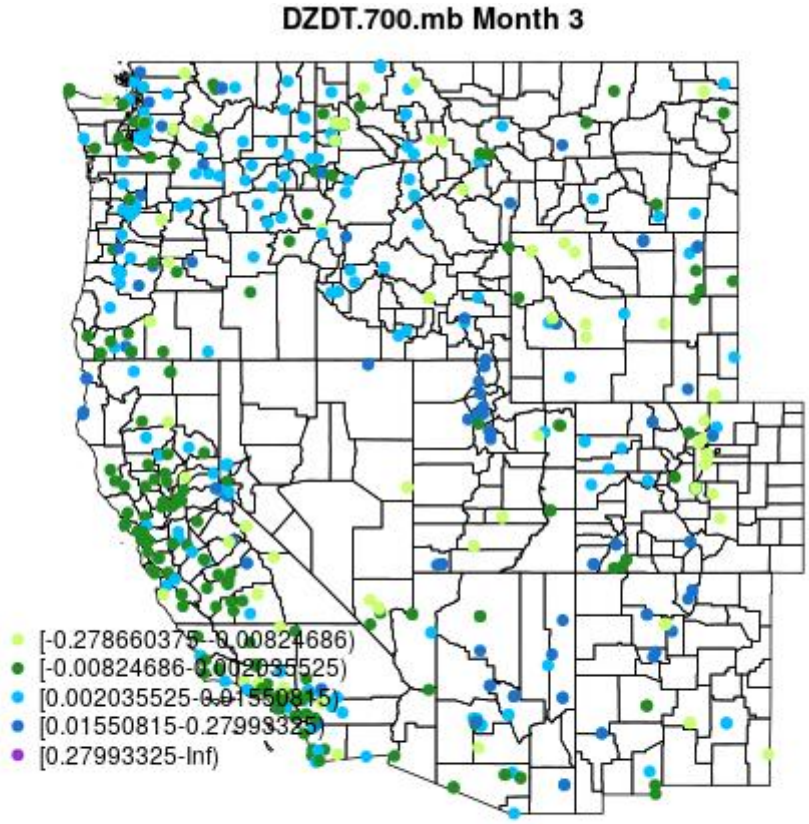

Figure 260: DZDT.700.mb Month 3

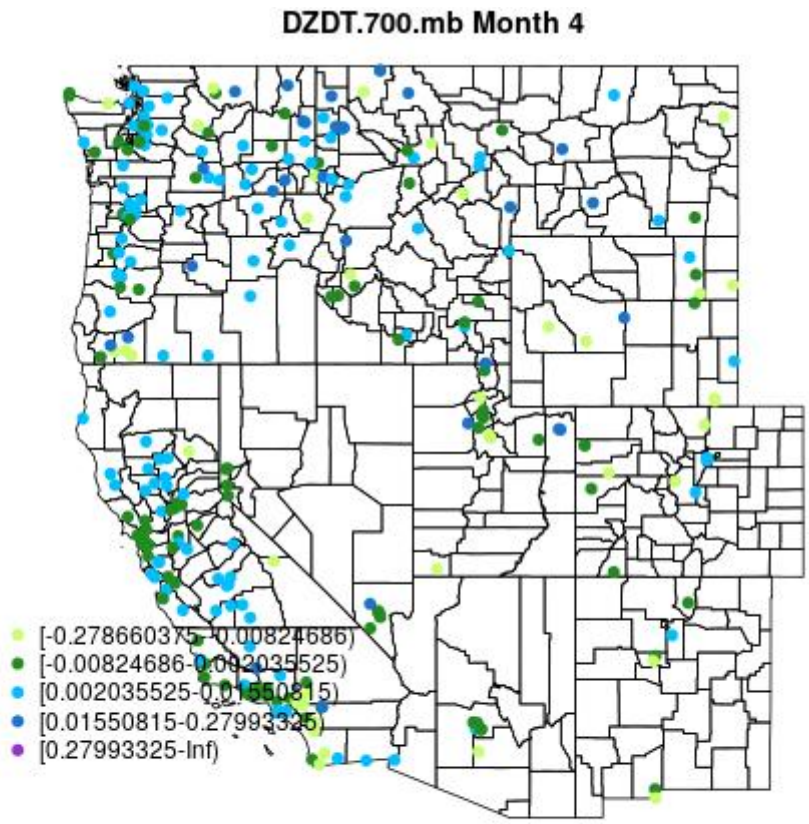

Figure 261: DZDT.700.mb Month 4