

Your project title

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Invalid Date

```
Rows: 55,367
Columns: 43
$ ...1      <dbl> 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, ~
$ `Unnamed: 0` <dbl> 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, ~
$ fire_name    <chr> NA, NA, NA, "WNA 1", NA, NA, NA, NA, NA, "CRAZY", NA-
$ fire_size     <dbl> 10.0, 3.0, 60.0, 1.0, 2.0, 1.0, 5.2, 1.0, 1.0, 1.0, 8-
$ fire_size_class <chr> "C", "B", "C", "B", "B", "B", "B", "B", "B", "B"-
$ stat_cause_descr <chr> "Missing/Undefined", "Arson", "Arson", "Debris Burnin-
$ latitude       <dbl> 18.10507, 35.03833, 34.94780, 39.64140, 30.70060, 32.-
$ longitude      <dbl> -66.75304, -87.61000, -88.72250, -119.30830, -90.5914-
$ state          <chr> "PR", "TN", "MS", "NV", "LA", "GA", "GA", "TX", "AR", ~
$ disc_clean_date <chr> "2/11/2007", "12/11/2006", "2/29/2004", "6/6/2005", "-
$ cont_clean_date <chr> NA, NA, NA, "6/6/2005", NA, NA, NA, NA, "4/19/200-
$ discovery_month <chr> "Feb", "Dec", "Feb", "Jun", "Sep", "Mar", "Jan", "Nov-
$ disc_date_final <chr> NA, NA, NA, "6/6/2005 2:14", NA, NA, NA, NA, "4/1-
$ cont_date_final <chr> NA, NA, NA, "6/6/2005 18:00", NA, NA, NA, NA, "4/-
$ putout_time     <chr> NA, NA, NA, "0 days 00:00:00.000000000", NA, NA, NA, ~
$ disc_date_pre   <chr> "1/12/2007", "11/11/2006", "1/30/2004", "5/7/2005", "-
$ disc_pre_year   <dbl> 2007, 2006, 2004, 2005, 1999, 1999, 2008, 2005, 2007, ~
$ disc_pre_month  <chr> "Jan", "Nov", "Jan", "May", "Aug", "Feb", "Dec", "Oct-
$ wstation_usaf   <chr> "785140", "723235", "723235", "724880", "722312", "72-
$ dstation_m      <dbl> 58917.70, 32665.34, 105122.15, 43433.33, 25940.57, 53-
$ wstation_wban   <dbl> 11603, 13896, 13896, 23185, 3908, 366, 99999, 99999, ~
$ wstation_byear  <dbl> 1945, 1978, 1978, 1942, 1987, 1942, 2006, 1984, 1973, ~
$ wstation_eyear  <dbl> 2018, 2020, 2020, 2020, 2016, 2020, 2020, 2020, 2020, ~
$ Vegetation      <dbl> 12, 15, 16, 0, 12, 12, 12, 15, 15, 12, 12, 16, 12-
$ fire_mag         <dbl> 1.0, 0.1, 1.0, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1-
$ weather_file    <chr> "785140-11603-2007.gz", "723235-13896-2006.gz", "7232-
$ Temp_pre_30     <dbl> 24.480974, 7.553433, 4.971930, 16.275967, -1.000000, ~
$ Temp_pre_15     <dbl> 24.716923, 7.010000, 5.782766, 18.996181, -1.000000, ~
$ Temp_pre_7      <dbl> 24.9025974, 0.3435294, 5.5587500, 18.1425641, -1.0000-
```

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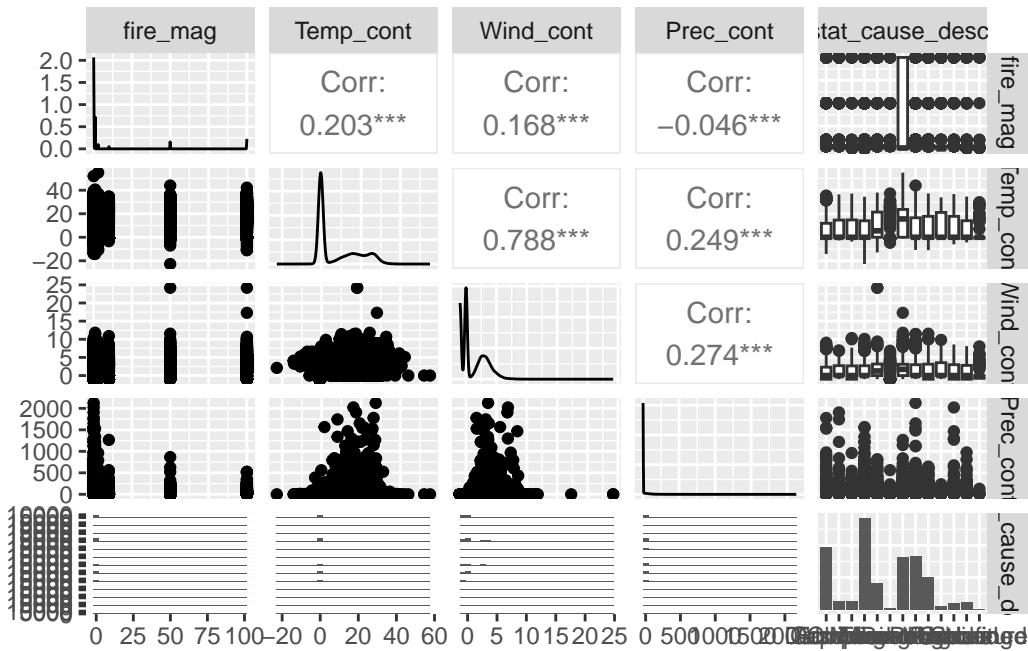
$ Temp_cont <dbl> 24.527961, 10.448298, 13.696600, 0.000000, -1.000000, ~
$ Wind_pre_30 <dbl> 4.341807, 2.709764, 3.364499, 4.054982, -1.000000, -1~
$ Wind_pre_15 <dbl> 3.492857, 2.881707, 2.923830, 3.398329, -1.000000, -1~
$ Wind_pre_7 <dbl> 3.262092, 1.976471, 2.695833, 3.671282, -1.000000, -1~
$ Wind_cont <dbl> 3.250413, 2.122320, 3.369050, 0.000000, -1.000000, -1~
$ Hum_pre_30 <dbl> 78.21659, 70.84000, 75.53163, 44.77843, -1.000000, -1.~
$ Hum_pre_15 <dbl> 76.79375, 65.85891, 75.86861, 37.14081, -1.000000, -1.~
$ Hum_pre_7 <dbl> 76.38158, 55.50588, 76.81283, 35.35385, -1.000000, -1.~
$ Hum_cont <dbl> 78.72437, 81.68268, 65.06380, 0.000000, -1.000000, -1.0~
$ Prec_pre_30 <dbl> 0.0, 59.8, 168.8, 10.4, -1.0, -1.0, 26.0, 28.4, 6.6, ~
$ Prec_pre_15 <dbl> 0.0, 8.4, 42.2, 7.2, -1.0, -1.0, 0.0, 27.5, 3.3, 1.8, ~
$ Prec_pre_7 <dbl> 0.0, 0.0, 18.1, 0.0, -1.0, -1.0, 0.0, 1.2, 0.0, 0.0, ~
$ Prec_cont <dbl> 0.0, 86.8, 124.5, 0.0, -1.0, -1.0, 0.0, 55.4, 46.4, 0~
$ remoteness <dbl> 0.01792339, 0.18435495, 0.19454351, 0.48744745, 0.214~

```

Your written report goes here!

! Important

Before you submit, make sure your code chunks are turned off with `echo: false` and there are no warnings or messages with `warning: false` and `message: false` in the YAML.



Distribution of Fire Sizes (Middle 50%)

