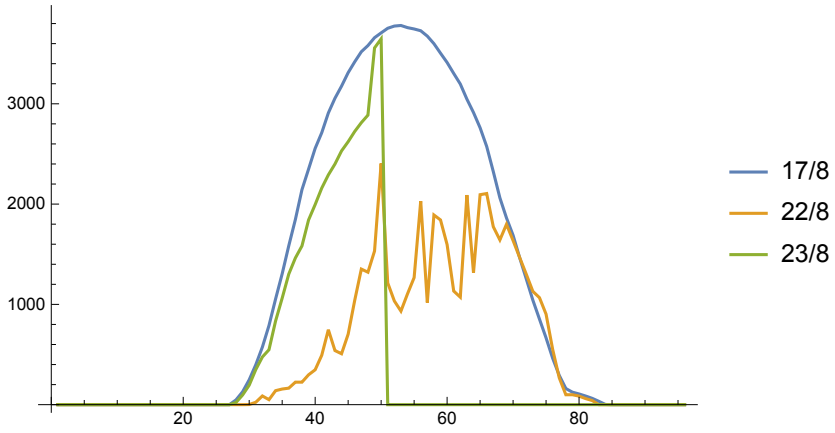
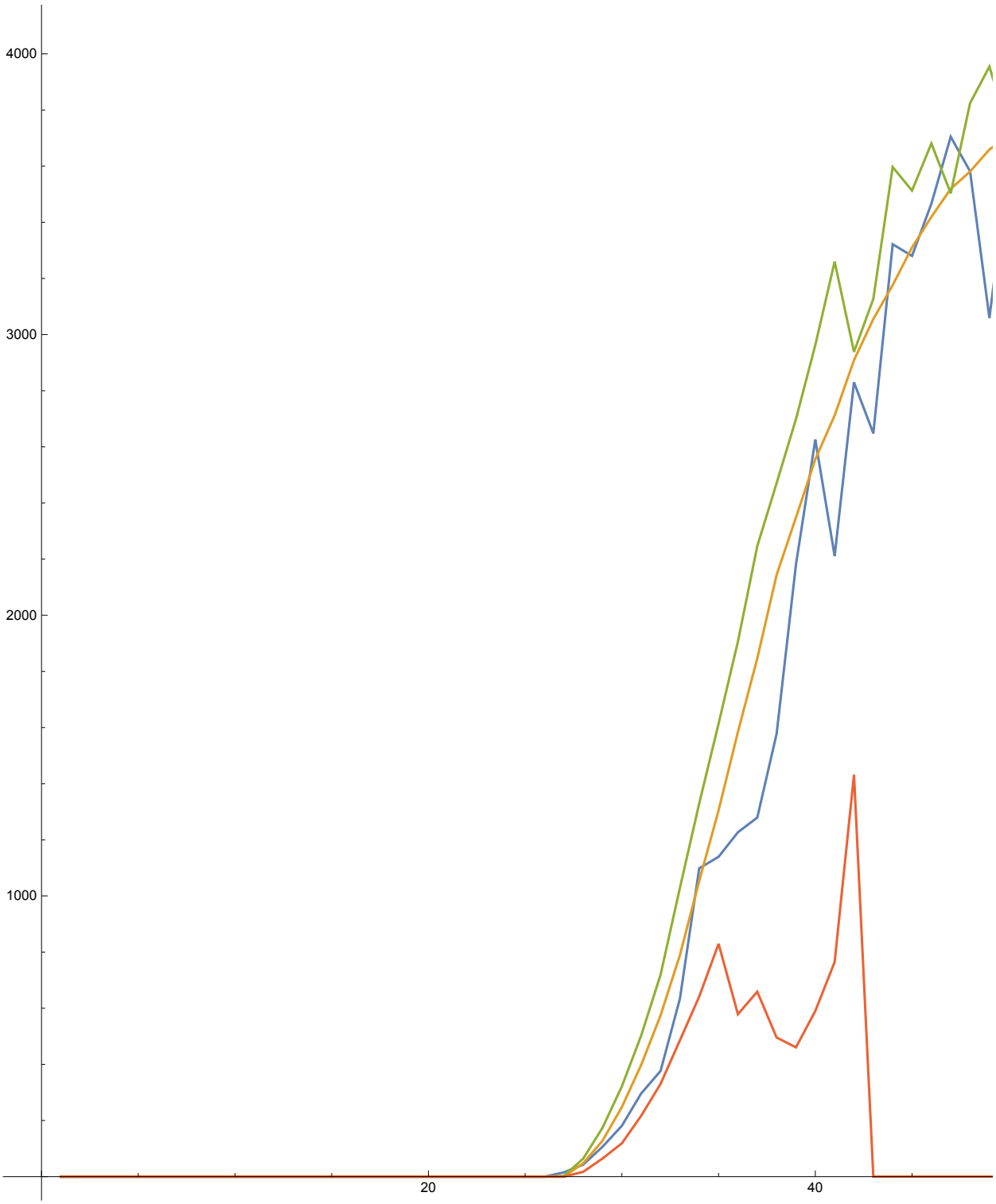
```
(* change name of imported csv,
change dates in ListLinePlot to dates exisiting in data *)

data = Import[
   "C:\\Users\\s156757\\OneDrive\\SolArduino\\solarduino\\Documentation\\Mathematica\\
     data17_23.csv"];
data = Delete[data, 1];

f[d_] := (* params: date, returns list of values for that date *)
  dayData = Select[data,
    DayCount[
       DateObject[DateObject[
         DateString[#[[1]],
          {"Day", "-", "Month", "-", "Year", " ", "Hour", ":", "Minute"}]
        ], {0, 0}] (* change hour to 0 to compare *) ,
       d
      ] == 0 &
   ];
  Table[dayData[[i]][[2]] , {i, 1, Length[dayData]}]
 )

(*ListLinePlot[
 f[DateObject[{2016,5,13,0,0}]]
]*)
(*
ListLinePlot[
 {
  f[DateObject[{2016,8,16,0,0}]],
  f[DateObject[{2016,8,17,0,0}]],
  f[DateObject[{2016,8,18,0,0}]],
  f[DateObject[{2016,8,19,0,0}]]
 },PlotLegends → {"24","24","40","5"}
]*)

ListLinePlot[
 {
  f[DateObject[{2016, 8, 17, 0, 0}]],
  f[DateObject[{2016, 8, 22, 0, 0}]],
  f[DateObject[{2016, 8, 23, 0, 0}]],
 },
 PlotLegends → {"17/8", "22/8", "23/8"}
]




(*Select[data,DateDifference[DateObject[ #[[1]]],{2016,8,18,0,0} ]≤ 0 &,1 ]*)
```


3000
2000
1000
20
40
60
80
17/8
22/8
23/8


4000
3000
2000
1000
20
40

```
data 17 / 8 {0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
  47.5, 128.167, 247.833, 398.167, 574.333, 789, 1053.83, 1304.83, 1584.33, 1846.17,
  2144, 2348.33, 2555.83, 2712, 2908.67, 3055.33, 3176.33, 3310.33, 3419.17, 3519.17,
  3580.67, 3659.33, 3707.17, 3753.17, 3775.17, 3781, 3759.5, 3746.17, 3728.5, 3675,
  3599.67, 3504.67, 3411.83, 3302.83, 3197.33, 3046.5, 2912.83, 2761.17, 2574.83,
  2324.33, 2062.5, 1862.17, 1688.83, 1465, 1254, 1041.5, 853.167, 666, 463, 291.833,
  160.667, 124.333, 106.833, 86, 62.8333, 33.3333, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0}

full data {{"17-08-2016 0:00", 0}, {"17-08-2016 0:15", 0}, {"17-08-2016 0:30", 0},
  {"17-08-2016 0:45", 0}, {"17-08-2016 1:00", 0}, {"17-08-2016 1:15", 0},
  {"17-08-2016 1:30", 0}, {"17-08-2016 1:45", 0}, {"17-08-2016 2:00", 0},
  {"17-08-2016 2:15", 0}, {"17-08-2016 2:30", 0}, {"17-08-2016 2:45", 0},
  {"17-08-2016 3:00", 0}, {"17-08-2016 3:15", 0}, {"17-08-2016 3:30", 0},
  {"17-08-2016 3:45", 0}, {"17-08-2016 4:00", 0}, {"17-08-2016 4:15", 0},
  {"17-08-2016 4:30", 0}, {"17-08-2016 4:45", 0}, {"17-08-2016 5:00", 0},
  {"17-08-2016 5:15", 0}, {"17-08-2016 5:30", 0}, {"17-08-2016 5:45", 0},
  {"17-08-2016 6:00", 0}, {"17-08-2016 6:15", 0}, {"17-08-2016 6:30", 0},
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  {"17-08-2016 7:30", 398.167}, {"17-08-2016 7:45", 574.333},
  {"17-08-2016 8:00", 789}, {"17-08-2016 8:15", 1053.83}, {"17-08-2016 8:30", 1304.83},
  {"17-08-2016 8:45", 1584.33}, {"17-08-2016 9:00", 1846.17}, {"17-08-2016 9:15", 2144},
  {"17-08-2016 9:30", 2348.33}, {"17-08-2016 9:45", 2555.83}, {"17-08-2016 10:00", 2712},
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  {"17-08-2016 11:15", 3419.17}, {"17-08-2016 11:30", 3519.17},
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  {"17-08-2016 15:45", 2912.83}, {"17-08-2016 16:00", 2761.17},
  {"17-08-2016 16:15", 2574.83}, {"17-08-2016 16:30", 2324.33},
  {"17-08-2016 16:45", 2062.5}, {"17-08-2016 17:00", 1862.17},
  {"17-08-2016 17:15", 1688.83}, {"17-08-2016 17:30", 1465}, {"17-08-2016 17:45", 1254},
  {"17-08-2016 18:00", 1041.5}, {"17-08-2016 18:15", 853.167}, {"17-08-2016 18:30", 666},
  {"17-08-2016 18:45", 463}, {"17-08-2016 19:00", 291.833}, {"17-08-2016 19:15", 160.667},
  {"17-08-2016 19:30", 124.333}, {"17-08-2016 19:45", 106.833}, {"17-08-2016 20:00", 86},
  {"17-08-2016 20:15", 62.8333}, {"17-08-2016 20:30", 33.3333}, {"17-08-2016 20:45", 2},
  {"17-08-2016 21:00", 0}, {"17-08-2016 21:15", 0}, {"17-08-2016 21:30", 0},
  {"17-08-2016 21:45", 0}, {"17-08-2016 22:00", 0}, {"17-08-2016 22:15", 0},
  {"17-08-2016 22:30", 0}, {"17-08-2016 22:45", 0}, {"17-08-2016 23:00", 0},
  {"17-08-2016 23:15", 0}, {"17-08-2016 23:30", 0}, {"17-08-2016 23:45", 0}}
```

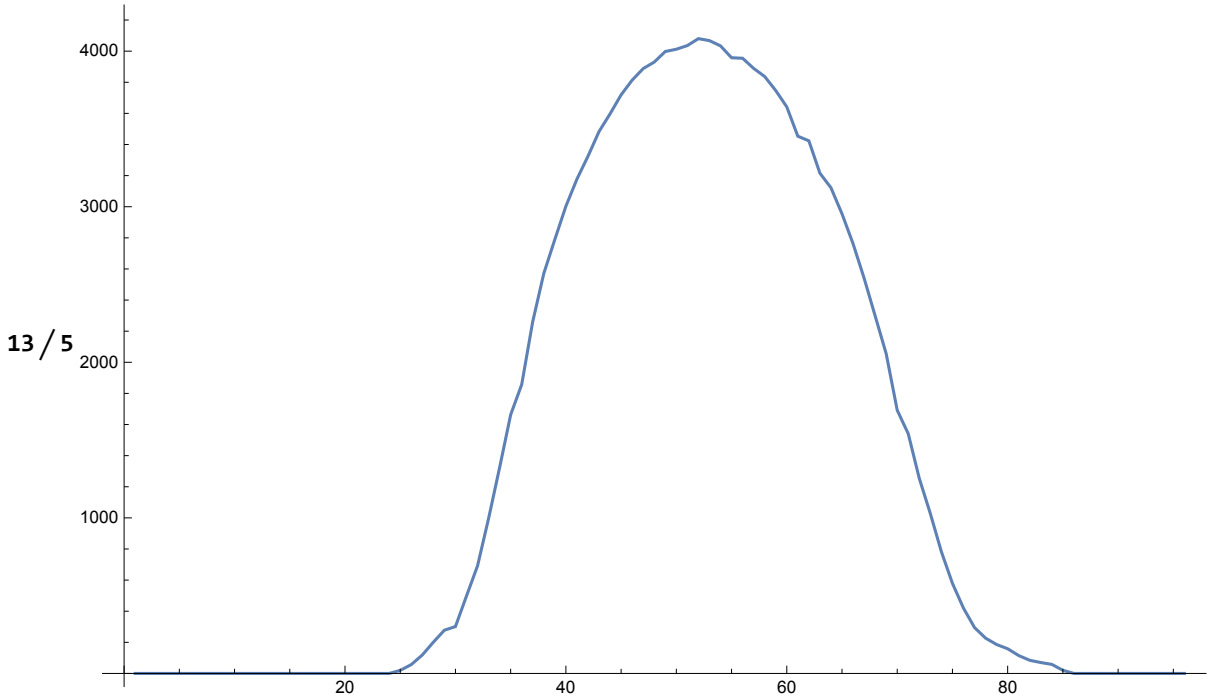


```
{0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 19.5, 57, 118.667,
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 3997.83, 4012.33, 4036, 4080.5, 4067.67, 4034, 3957.67, 3954.33, 3889.17, 3837,
 3746.83, 3641.67, 3453.33, 3423.67, 3215.5, 3121.83, 2954.5, 2762.67, 2541, 2298.83,
 2055.33, 1692, 1540.17, 1253, 1027.17, 782, 579, 419.5, 295, 226.833, 185.833,
 158.667, 115, 84.5, 70.1667, 58.1667, 20.1667, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0}
```