4. Producing a Descriptive Statistic Report

```
title1 'Weather Statistics by Year and Park';
proc means data=pg1.np_westweather mean min max maxdec=2;
    var Precip Snow TempMin TempMax;
    class Year Name;
run;
```

5. Creating an Output Table with Custom Columns

```
proc means data=pg1.np_westweather noprint;
    where Precip ne 0;
    var Precip;
    class Name Year;
    ways 2;
    output out=rainstats n=RainDays sum=TotalRain;
run;

title1 'Rain Statistics by Year and Park';
proc print data=rainstats label noobs;
    var Name Year RainDays TotalRain;
    label Name='Park Name'
          RainDays='Number of Days Raining'
          TotalRain='Total Rain Amount (inches)';
run;
title;
```

6. Identifying the Top Three Extreme Values with the Output Statistics

```
proc means data=pg1.np_multiyr noprint;
    var Visitors;
    class Region Year;
    ways 2;
    output out=top3list(drop=_freq_ _type_)
        sum=TotalVisitors /*sum total visitors*/
        idgroup(max(Visitors) /*find the max of visitors*/
        out[3] /*top 3*/
        (Visitors ParkName)=); /*output columns for top 3 parks*/
run;
```

End of Solutions