

PROC GLOT

The plot statement specifies one or more plot requests that name the horizontal and left vertical axis variables

Syntax:-

Proc Gplot data=dataset;

Plot plot-request(s)/options;

Run;

Data ds;

Input year @7 hdate date7. High @24 Ldate date7. Low;

Format hdate ldate date7.

Datalines;

1954	31DEC54	404.39	11JAN54	279.87
1955	30DEC55	488.40	17JAN55	388.20
1956	06APR56	521.05	23JAN56	462.35
1957	12JUL57	520.77	22OCT57	419.79
1958	31DEC58	583.65	25FEB58	436.89
1959	31DEC59	679.36	09FEB59	574.46
1960	05JAN60	685.47	25OCT60	568.05
1961	13DEC61	734.91	03JAN61	610.25
1962	03JAN62	726.01	26JUN62	535.76
1963	18DEC63	767.21	02JAN63	646.79
1964	18NOV64	891.71	02JAN64	768.08
1965	31DEC65	969.26	28JUN65	840.59
1966	09FEB66	995.15	07OCT66	744.32
1967	25SEP67	943.08	03JAN67	786.41
1968	03DEC68	985.21	21MAR68	825.13
1969	14MAY69	968.85	17DEC69	769.93
1970	29DEC70	842.00	06MAY70	631.16
1971	28APR71	950.82	23NOV71	797.97
1972	11DEC72	1036.27	26JAN72	889.15
1973	11JAN73	1051.70	05DEC73	788.31
1974	13MAR74	891.66	06DEC74	577.60
1975	15JUL75	881.81	02JAN75	632.04
1976	21SEP76	1014.79	02JAN76	858.71
1977	03JAN77	999.75	02NOV77	800.85
1978	08SEP78	907.74	28FEB78	742.12
1979	05OCT79	897.61	07NOV79	796.67
1980	20NOV80	1000.17	21APR80	759.13
1981	27APR81	1024.05	25SEP81	824.01
1982	27DEC82	1070.55	12AUG82	776.92
1983	29NOV83	1287.20	03JAN83	1027.04
1984	06JAN84	1286.64	24JUL84	1086.57
1985	16DEC85	1553.10	04JAN85	1184.96

;

Run;

```
Proc Gplot data=ds;
Plot high*year;
Run;
Quit;
```

Options:-

HAXIS=

```
Proc Gplot data=ds;
Plot high*year/haxis=1950 to 1990 by 5;
Run;
Quit;
```

Proc Gplot data=ds;

```
Plot high*year='&'/haxis=1950 to 1990 by 2;
Run;
Quit;
```

VAXIS=

```
Proc Gplot data=ds;
Plot high*year='/'/haxis=1950 to 1990 by 2 vaxis= 0 to 3000 by 500 ;
Run;
Quit;
```

HREF=

```
Proc Gplot data=ds;
Plot high*year='/'/haxis=1950 to 1990 by 2 vaxis= 0 to 3000 by 500
href=1970 1980;
```

Run;

Quit;

VREF=

```
Proc Gplot data=ds;
Plot high*year='/'/haxis=1950 to 1990 by 2 vaxis= 0 to 3000 by 500
href=1970 1980 vref=1000 2000 ;
```

Run;

Quit;

HREVERSE

```
Proc Gplot data=ds;
Plot high*year='/'/haxis=1950 to 1990 by 2 vaxis= 0 to 3000 by 500
vref=1000 2000 hreverse;
```

Run;

VREVERSE

```
Proc Gplot data=ds;
```

```
Plot high*year='/' /haxis=1950 to 1990 by 2 vaxis= 0 to 3000 by 500
vref=1000 2000 vreverse;
```

Run;

Quit;

Proc Gplot data=ds;

```
Plot high*year='/' low*year='0' /haxis=1950 to 1990 by 5
vref=500 1000 1500;
```

Run;

Quit;

OVERLAY

Proc Gplot data=ds;

```
Plot high*year='*' low*year='0' /haxis=1950 to 1990 by 5
vref=500 1000 1500 overlay;
```

Run;

Proc Gplot data=ds;

```
Plot high*year='*' low*year='0' /haxis=1950 to 1990 by 5
vref=500 1000 1500 overlay caxis=red;
```

Run;

Quit;

Proc Gplot data=ds;

```
Plot high*year='*' low*year='0' /haxis=1950 to 1990 by 5
vref=500 1000 1500 overlay
caxis=red cframe=green;
```

Run;

Proc Gplot data=ds;

```
Plot high*year='*' low*year='0' /haxis=1950 to 1990 by 5
vref=500 1000 1500 overlay
caxis=red cframe=green ctext=blue;
```

Run;

Quit;

Proc Gplot data=ds;

```
Plot high*year='*' low*year='0' /haxis=1950 to 1990 by 5
Vref=500 1000 1500 overlay
Caxis=red ctext=blue
Iframe="C:\Documents and Settings\All Users\Documents\
My Pictures\Sample Pictures\water lilies.jpg";
```

Run;

Quit;

```
Symbol i=needle value=star;  
Proc Gplot data=ds;  
Plot high*year/haxis=1950 to 1990 by 5  
    Vref=500 1000 1500 overlay  
    Caxis=red ctext=blue;  
Run;  
Quit;
```

```
Symbol i=join value=star color=red;  
Symbol2 i=join value=dot color=blue;  
Proc Gplot data=ds;  
Plot high*year low*year/haxis=1950 to 1990 by 5  
    Vref=500 1000 1500 overlay  
    Caxis=red ctext=blue;  
Run;  
Quit;
```

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SOFTWARE SOLUTIONS

By Mr.KRISHNA