Fonts

1	Times−Roman
2	Times−Italic
3	Times−BoldItalic
4	Helvetica
5	Helvetica−Oblique
6	Helvetica−Bold
7	Helvetica−BoldOblique
8	Courirer
9	Courier−Oblique
10	Courier−Bold
11	Courier−BoldOblique
12	Symbol
13	ZapfDingbats

Lines

1	full
2	dot
3	dash
4	longdash
5	dot−dash
6	dot−longdash
7	dot−dot−dash
8	dot−dash−dash

Colors

0	white
1	black
2	red
3	green
4	blue
5	yellow
6	brown
7	grey
8	violet
9	cyan
10	magenta
11	orange
12	indigo
13	maroon
14	turquoise
15	green4

Symbols

0	none
1	circle
2	square
3	diamond
4	triangle up
5	triangle left
6	triangle down
7	triangle right
8	plus
9	X
10	star
11	char

Xmgrace

Graph	See details	
ngraph	1	*# of graphs*
Set	See details	
nset	1	*# of sets*
Font	See details	
nfont	14	
lfont		
Colors	See details	
ncolor		
String	See details	
nstring		
Line	See details	
nlne		
version	'50102'	*Xmgrace version*
pyversion	'1.1.3b'	*Python module version*
link_page	Off	
linewidth	1	
linestyle	1	
color	1	
pattern	1	
font	0	
char_size	1	
symbol_size	1	
sformat	'"%16.8g"'	
background_color	0	
R	See details	
nr	0	*# of regions*

page

x	792	*pixels*
y	612	
scroll	5	
inout	5	
background_fill	'on'	*'off'*

timestamp

status	'off'	*'on'*
x	0.03	
y	0.03	
color	1	
rot	0	
font	0	
char_size	1	
default	Mon Oct 18 16:55:50 1999	

date

reference	0	

wrap

status	'off'	
year	1950	

Graph *(parent='xmgrace object,ymin,ymax,xmin,xmax)*

xmin	''	*not recommended, just for backward compatibily*
xmax	''	
ymin	''	
ymax	''	
vxmin	0.15	*In % of page*
vxmax	0.85	"
vymin	0.15	"
vymax	0.85	"
status	'on'	*'off'*
hidden	'false'	*'true'*
type	'xy'	*' chart','polar','pie','smith','fixed'*
stacked	'false'	*'true'*
stack_world	[0,0,0,0]	
bar_hgap	0	
titel	''	
stitle	''	

fixedpoint

status	'off'	*'on'*
type	0	
xy	[0,0]	
format	'general'	
prec	6	

tit

font	parent=0	*from xmgrace object*
size	1.5	
color	parent=1	*from xmgrace object*

stit

font	parent=0	*from xmgrace object*
size	1	
color	parent=1	*from xmgrace object*

x/yaxis

Identical for 'xaxis and 'yaxis

see special sheet

legend

status	'on'	*'off'*
loctype	'view'	*'world'*
x	0.85	*% of the page*
y	0.8	*% of the page*

box

color	parent=1	*from xmgrace object*
pattern	parent=1	*from xmgrace object*
linewidth	parent=1	*from xmgrace object*
linestyle	parent=1	*from xmgrace object*
fcolor	0	
fpattern	parent=1	*from xmgrace object*
font	parent=0	
char_size	parent=1	
color	parent=1	
length	4	
vgap	1	
hgap	1	
Invert	'false'	*'true'*

frame

type	0
linestyle	parent=1
linewidth	parent=1
color	parent=1
pattern	parent=1
background_color	parent=0
background_pattern	parent=1

x/yaxis

Identical for 'xaxis and 'yaxis

label	'	
scale	'normal'	*'logarithmic','Reciprocal'*
Invert	'off'	*'on'*
status	'false'	
zero	'false'	*'true'*
xoffset	0	
yoffset	0	
offset	[]	*you can pass the xoffset and yoffset values here instead*
altaxis	'off'	*'on'*
min	0	*can be changed when creating the graph*
max	1	"

bar

status	'on'	*'off'*
color	parent=1	*from xmgrace object*
linestyle	parent=1	*from xmgrace object*
linewidth	parent=1	*from xmgrace object*

lbl

layout	'para'	*'perp' (// or perpendicular)*
char_size	parent=1	*from xmgrace object*
font	parent=0	*from xmgrace object*
color	parent=1	*from xmgrace object*

place

loc	'auto'	
side	'normal'	*'oposite', 'both' : where to put the labels*

tick

status	'on'	*'off'*
inc	0.5	*# or whatever increment value (i.e. Every 0.5 here)*
minor_ticks	1	*# of sub tickmarks between the major ones*
place_rounded	'true'	*'false'*
nsub	6	*# autotick division (for place rounded ?)*
orientation	'in'	*'out','both'*
place	'normal'	*'oposite','both'*

spec

loc	[]	*list of loc for ticks or dictionary: loc/label*
values	[]	*labels(values) list to write at each loc or dic*
type	'both'	*'none','ticks'*

major

size	1	
color	parent=1	*from xmgrace object*
linewidth	parent=1	*from xmgrace object*
linestyle	parent=1	*from xmgrace object*
grid	'off'	*'on', draw the grid lines*

minor

size	0.5	
color	parent=1	*from xmgrace object*
linewidth	parent=1	*from xmgrace object*
linestyle	parent=1	*from xmgrace object*
'grid'	'off'	*'on', draw the grid lines*

label

status	'on'	*'off'*
prec	5	
format	'general'	
append	"	
prepend	"	
angle	0	
skip	0	
stagger	0	
place	'normal'	*'opposite','both'*
offset	'auto'	*[0.,0.], // and perpendicular offsets*
sign	'normal'	
start	'auto'	*or value*
stop	'auto'	*or value*
char_size	parent=1	
font	parent=0	
color	parent=1	
type	'auto'	

type	'auto'	*'spec','zmean' (for area weighted zonal mean betw −1 and 1)*
alt	'off'	'on'

Set

graph	0	*can be passed at creation time*
hidden	'false'	*'true'*
type	'xy'	*'xydx','xydy','xydxdx','xydydy','xydxdy','xydxdxdydy','bar','bardy','bardydy'* *'xyhilo','xyz','xyr','xysize','xycolor','xycolpat','xyvmap','xyboxplot'*

symbol

type	0	
size	parent=symbol_size=1	*from xmgrace object*
color	parent=background_color=0	*from xmgrace object*
pattern	parent=1	*from xmgrace object*
fcolor	parent=1	*can be passed at creation time*
fpattern	parent=1	*from xmgrace object*
linestyle	parent=1	*from xmgrace object*
linewidth	parent=1	*from xmgrace object*
char	65	
char_font	parent=0	*from xmgrace object*
skip	0	

line

type	1	
linestyle	parent=1	*from xmgrace object*
linewidth	parent=1	*from xmgrace object*
color	parent=1	*can be passed at creation time*
pattern	parent=1	*from xmgrace object*

baseline

type	0	
status	'off'	*'on'*
dropline	'off'	*'on'*

fill

type	0	*0:'none',1:'as polygone',2:'to baseline'*	# only, no string allowed
rule	0	*0:'winding',1:'even−odd'*	# only, no string allowed
color	parent=1	*can be passed at creation time*	
pattern	parent=1	*from xmgrace object*	

avalue

status	'off'	*'on'*
type	2	
char_size	parent=1	*from xmgrace object*
font	parent=0	*from xmgrace object*
color	parent=1	*can be passed at creation time*
rot	0	
format	'general'	
prec	3	
prepend	''	
append	''	
xoffset	0	
yoffset	0	
offset	[]	*you can pass the xoffset and yoffset values here instead*

error

status	'off'	*'on'*
type	'both'	*'normal','opposite'*
length	1	
linewidth	parent=1	*from xmgrace object*
linsestyle	parent=1	*from xmgrace object*

riser

linewidth	parent=1	*from xmgrace object*
linsestyle	parent=1	*from xmgrace object*

Color (name)

name	'black'	*can pass any name*
rgb	[0,0,0]	*red green blue values*
change()		*function to change the color, expect a name then reset rgb's*

Region

status	'off'	*'on'*
type	'above'	*'polyi','polyo','above','below','left','right','horizi','horizo','veri','verto'*
linestyle	parent=1	
linewidth	parent=1	
color	parent=1	
link	'all'	
xy	[]	*list of [x,y] coordinates to def the polygone*
line	[0,0,0,0]	

String (x,y,text,[color],[char_size],[font],[rot],[just])

x	argument	
y	argument	
text	argument	
status	'on'	*'off'*
xy	[x,y]	
loctype	'view'	*'world'*
color	parent=1	
char_size	parent=1	
font	parent=0	
rot	0	
just	14	

Line (x1,y1,x2,y2,[color],[lwidth],[lstyl],[arrow],[atyp],[algth],[alyo])

status	'on'	*'off'*
loctype	'view'	*'world'*
color	parent=1	
linewidth	parent=1	
linestyle	parent=1	

arrow

	status	'off'	*'on'*
	type	0	*0:'line',1:'filled',2:'opaque'*
	length	2	
	layout	[1.,1.]	
x1			
y1			
x2			
y2			
xy	[x1,y1,x2,y2]		