
Subject: Map spanning Dateline?

Posted by [John Kwiatkowski](#) on Tue, 02 Feb 1999 08:00:00 GMT

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I can't figure out how to draw a map that spans the International Dateline, i.e., the meridian where longitude is 180 (or -180).

If I go right up to the dateline but not over it, I get a nice map including Japan:

```
map_set,/grid, /continent,limit = [0,100,50,180]
```

However, if I cross the dateline I get some gridlines but no Japan:

```
map_set,/grid, /continent,limit = [0,100,50,-160]
```

If I use the limit keyword with 8 elements, either

```
map_set,/grid, /continent,limit = [50,100,50,-160,0,-160,0,100] or
```

```
map_set,/grid, /continent,limit = [0,100,50,100,50,-160,0,-160]
```

I get a blank window.

Also, I can't seem to get the limit (4 element) keyword to behave.

For example , if I want a map of Florida limit =[20,-88,30,-80]

```
map_set,limit=[20,-88,30,-80],/cont,/label
```

I get a map from 20 to 26 lat and -88 to -82 lon. How can I force it to listen to my limits?

Thanks for any help,
John Kwiatkowski
