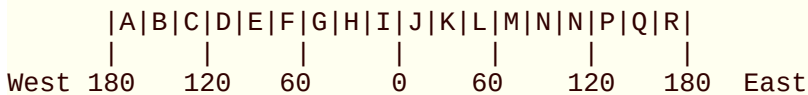


DETERMINATION OF LOCATOR FROM LONGITUDE/LATITUDE

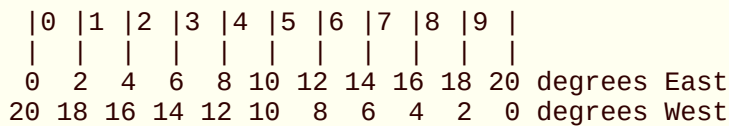
Determining a station's Locator from its geographical position data is simple when the following diagrams are used.

The longitude of station is given by characters 1, 3 and 5 of the Locator.

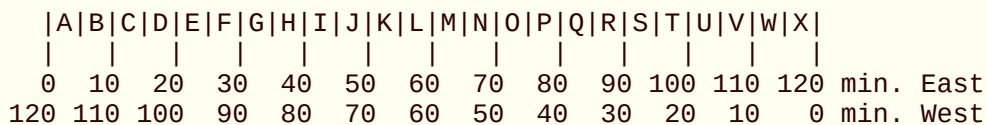
1st character



3rd character

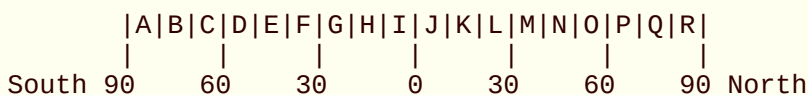


5th character

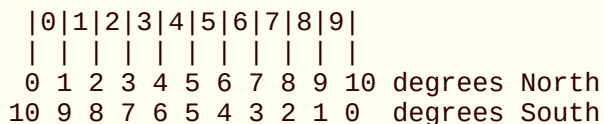


The latitude of a station is given by characters 2,4 and 6 of the Locator.

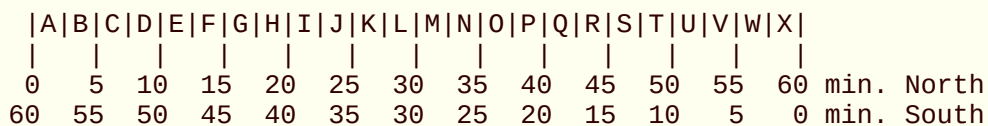
2nd character



4th character



6th character



Example : 76 degrees 58 minutes West
39 degrees 6 minutes North

Longitude code

1st character: F remains $76.58 - 60 = 16.58$

3rd character: 1 remains $16.58 - 16 = 0.58$

5th character: M remains $0.58 - 0.55 = .03$

Latitude code

2nd character: M remains $39.06 - 30 = 9.06$

4th character: 9 remains $9.06 - 9 = 0.06$

6th character: C remains $0.06 - 0.05 = .01$

Result : FM19MC