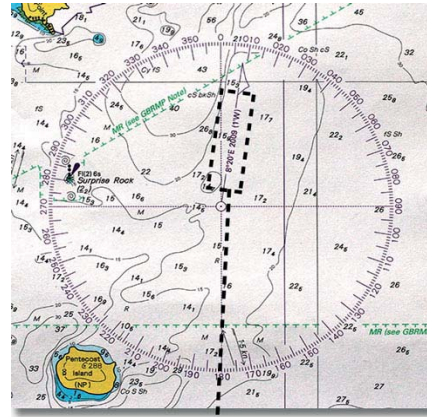
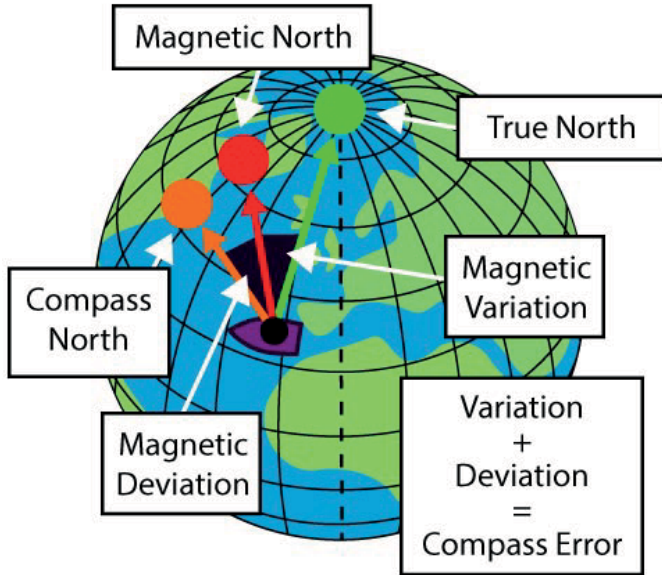




Compass Error

Variation on Marine Chart

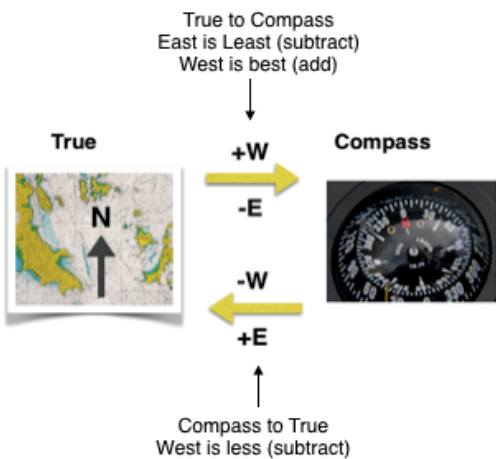


8°20'E 2009 (1'W)

Variation
8°20' East

Year
2009

Annual Change
Variation changes 1'W each year



E for Easterly
Variation

On a compass heading
of 080° the deviation is
5° East.

Deviation Table

DEVIATION TABLE
For use with Chartwork Exercises

Ship's Head by Compass	Deviation	Ship's Head by Compass	Deviation
000°	3½°E.	180°	2½°W.
010°	4°E.	190°	4°W.
020°	4½°E.	200°	5°W.
030°	5°E.	210°	5½°W.
040°	5°E.	220°	6½°W.
050°	5°E.	230°	6½°W.
060°	5½°E.	240°	7°W.
070°	5½°E.	250°	6½°W.
080°	5°E.	260°	6½°W.
090°	5°E.	270°	5½°W.
100°	4½°E.	280°	4½°W.
110°	4°E.	290°	3½°W.
120°	3½°E.	300°	2½°W.
130°	3°E.	310°	1½°W.
140°	2°E.	320°	½°W.
150°	1°E.	330°	½°E.
160°	½°W.	340°	1½°E.
170°	1½°W.	350°	2½°E.
180°	2½°W.	000°	3½°E.

W for Westerly
Deviation

True T Tele
Variation V Vision
Magnetic M Makes
Deviation D Dull
Compass C Company

For easier compass error calculations:
Always round Variation and Deviation to be nearest degree