

UNITED STATES POWER SQUADRONS®

MARINE ENVIRONMENT COMMITTEE

Supplemental Manual Update No. 1 for Wx 2004 May 2007

Wx 101, Section 2: Wind and Pressure, page 10; Paragraph 16--clarification

The paragraph currently reads:

“The station model (Figure 6) now shows a pressure of 1001.2mb and a steady fall in pressure at a rate of 2.8mb over the last 3 hours. The pressure is shown by removing both the leading digit(s) 9 or 10 and the decimal point from the given pressure thus turning it into the number 012, which is placed in the upper right corner. The tendency is shown....etc”.

Insert the following between the second and third sentences:

“When converting a station model pressure back to barometric pressure, add either a “9” or a “10” to the left of the three digit number. If the leading digit of the station model pressure is a 0, 1, or 2; use 10. If it is any other number, use 9. Then re-insert the decimal point.”

Wx 102, Section 4: Forecasting, page 37; Figure 7 (Weather Log)

The column for Barometer Tendency is incorrectly completed. The tendency as shown indicates the change during the past hour, not for the past 3 hours as the explanation arrow indicates and the text instructs.

The columns should read:

Time	Tendency
1600	\2
1700	\3
1800	\5
1900	\6
2000	\9

WX 2004 Update No. 1

2100	\11
2200	\8

UDATES are provided to keep the course material as current and correct as possible. The national course chairman welcomes all comments and suggestions. This UPDATE includes submissions received by the Weather Committee from interested Weather instructors and students.

The Marine Environment Committee