

Errata for
“Climate Mathematics: Theory and Applications”
by S.S.P. Shen and R.C.J. Somerville
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(Errata Updated on 2 June 2020)

In this document, P means page number, and L means line number.

1. P59, L6: Change “... is 1.96” to “... is 0.95” .
2. P67: H_0 : The correct hypothesis statement is as follows:
Null hypothesis: Decade 2 is not warmer than Decade 1.
Alternative hypothesis: Decade 2 is at least as warm as Decade 1.
3. P72, Exercise 3.2: Change “-14.8” to “14.8” .
4. P72, Exercise 3.3(b): Delete “using the t-distribution.”
5. P98, L2 up from bottom and P99, L5 up from bottom: Change 231 to 211. The 360-degree equivalent of the longitude of Tahiti (149°W) should be 211, not 231.
6. P224, L4 and L6: Change “increase” to “decrease.”
7. P251, Exercise 9.3: Change “Plot the climatology map” to “Plot the standard deviation map.”
8. P285, Fig. 11.4: The North and South latitudes were reversed. The Correct figure is below. The error was due to the unnecessary flipping of the data matrix by the following line of R code
`mapmat= mapmat[,seq(length(mapmat[1,]),1)]`
Remove this line (P285, L11 up from bottom) from the R code on P285.

NOAAGlobalTemp Anomalies Dec 2015

