

# Meteorology – Lecture 7

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# Important notes

- These slides show some figures and videos prepared by Robert G. Fovell (RGF) for his “Meteorology” course, published by The Great Courses (TGC). Unless otherwise identified, they were created by RGF.
- In some cases, the figures employed in the course video are different from what I present here, but these were the figures I provided to TGC at the time the course was taped.
- These figures are intended to supplement the videos, in order to facilitate understanding of the concepts discussed in the course. *These slide shows cannot, and are not intended to, replace the course itself and are not expected to be understandable in isolation.*
- Accordingly, these presentations do not represent a summary of each lecture, and neither do they contain each lecture’s full content.

# Temperature-VC table

Temperature (°C)	Temperature (°F)	Vapor capacity (g/kg)
-20C	-4F	0.75
-10C	14F	2
0C	32F	4
10C	50F	8
20C	68F	15
30C	86F	28
40C	104F	50

*These values are valid only near sea-level, and have been modified or rounded for convenience. Don't use for actual computations.*

[end]