

Dewpoint Curve

A [Phase Equilibrium Boundary](#) on [Phase Equilibrium Diagram](#) separating the single-phase vapour region and 2-phase liquid-vapour region on [PT Diagram](#) (see **Fig. 1**).

The slightest [pressure](#) drop or [temperature](#) increase results in liberation of the first bubble of [vapour](#) forming a 2-phase liquid-vapour system.

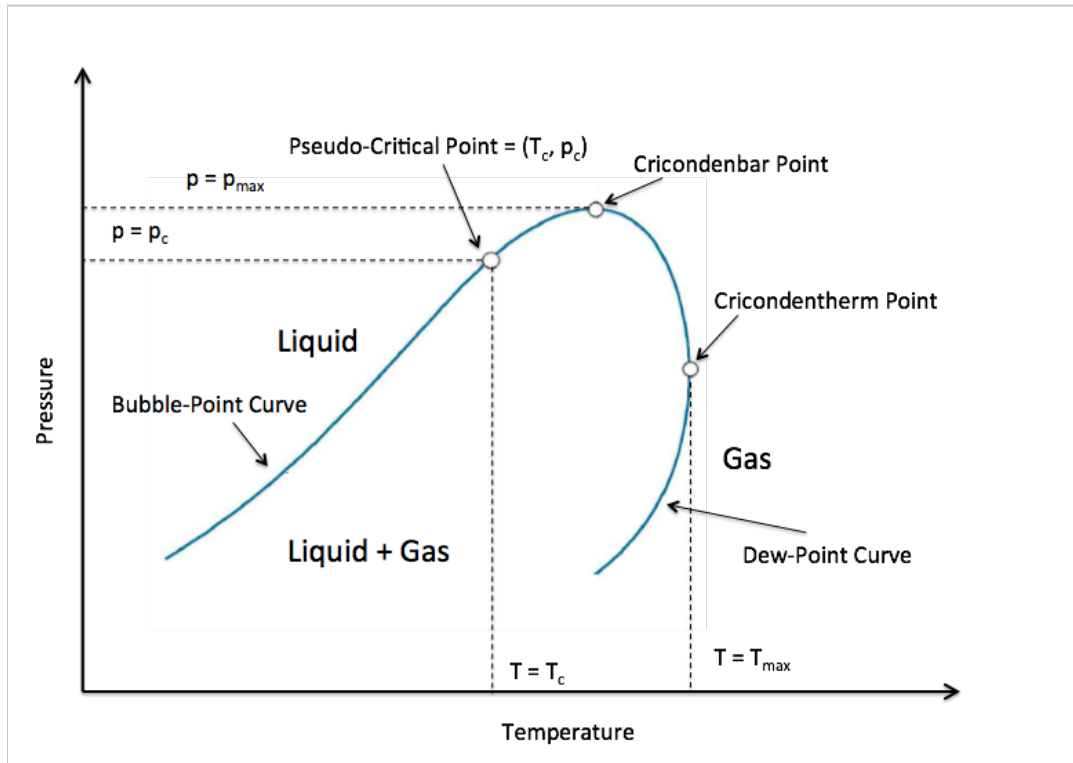


Fig. 1. Schematic [PT Diagram](#) with [Vapour Liquid Equilibrium](#) area and [Cricondenbar Point](#).

See also

[Natural Science](#) / [Physics](#) / [Thermodynamics](#) / [Thermodynamic system](#) / [Thermodynamic equilibrium](#) / [Phase Equilibrium](#) / [Vapour Liquid Equilibrium \(VLE\)](#)

[[State of matter](#)] [[Pure substance](#)] [[Mixtures](#)] [[Fluid Mixtures](#)] [[Phase](#)]

[[ritical Temperature T_c](#)] [[Critical Pressure \(p_c\)](#)]

[[Bubble Point Curve](#)]