

National Weather Service Weather Forecast Office El Paso, TX

Density Altitude

by [Tim Brice](#) and [Todd Hall](#)

Enter the air temperature and choose a unit:	Density Altitude in feet:
81 ☒ Fahrenheit ☐ Celsius ☐ Kelvin	4912.4 ft
Enter the actual station pressure (not the altimeter setting) and choose a unit:	Density Altitude in meters:
27.15 ☒ in of mercury ☐ mm of mercury ☐ millibars (hPA)	1497.3 m
Enter the dewpoint and choose a unit:	
59 ☒ Fahrenheit ☐ Celsius ☐ Kelvin	
Convert	Clear Values

[What is the formula for the density altitude script?](#)

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Page last modified: October 1st 2009 3:40 AM

**National Weather Service Weather Forecast Office
El Paso, TX****Station Pressure**by [Tim Brice](#) and [Todd Hall](#)

Enter the elevation of the station and choose your units:	Station Pressure in inches of mercury:
2891 ☒ feet ☐ meters	27.15 in HG
Enter your altimeter setting and choose your units:	Station Pressure in millimeters of mercury:
30.17 ☒ in of mercury ☐ mm of mercury ☐ millibars (hPA)	689.53 mm HG
	Station Pressure in millibars (hectoPascals):
	919.3 mb (hPA)
Convert	Clear Values

[What is the formula for the station pressure script?](#)

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Page last modified: October 20th 2009 1:39 PM