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Density Altitude Calculator

Weather.gov > El Paso, TX > Density Altitude Calculator

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Density Altitude
by Tim Brice and Todd Hall

Enter the air temperature and choose a unit:	Density Altitude in feet:	
23 ○ Fahrenheit ◉ Celsius ○ Kelvin	5647.4	ft
Enter the actual station pressure (not the altimeter setting) and choose a unit:	**Density Altitude in meters:**	
26.21 ◉ in of mercury ○ mm of mercury ○ millibars (hPA)	1721.3	m
Enter the dewpoint and choose a unit:		
17 ○ Fahrenheit ◉ Celsius ○ Kelvin		
Convert	Clear Values	

What is the formula for the density altitude script?

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Station Pressure Calculator

Weather.gov > El Paso, TX > Station Pressure Calculator

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Station Pressure
by Tim Brice and Todd Hall

Enter the elevation of the station and choose your units:	**Station Pressure in inches of mercury:**
3788 ⦿ feet ○ meters	26.21 in HG
Enter your altimeter setting and choose your units:	**Station Pressure in millimeters of mercury:**
30.11 ⦿ in of mercury ○ mm of mercury ○ millibars (hPA)	665.69 mm HG
	Station Pressure in millibars (hectoPascals):
	887.52 mb (hPA)
Convert	Clear Values

What is the formula for the station pressure script?