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## Density Altitude Calculator

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### Density Altitude

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

|                                                                                         |                                                                                                                          |                                    |    |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------|----|
| <b>Enter the air temperature and choose a unit:</b>                                     |                                                                                                                          | <b>Density Altitude in feet:</b>   |    |
| 17                                                                                      | <input type="radio"/> Fahrenheit <input checked="" type="radio"/> Celsius <input type="radio"/> Kelvin                   | 1102.9                             | ft |
| <b>Enter the actual station pressure (not the altimeter setting) and choose a unit:</b> |                                                                                                                          | <b>Density Altitude in meters:</b> |    |
| 29.33                                                                                   | <input checked="" type="radio"/> in of mercury <input type="radio"/> mm of mercury <input type="radio"/> millibars (hPa) | 336.2                              | m  |
| <b>Enter the dewpoint and choose a unit:</b>                                            |                                                                                                                          |                                    |    |
| 11                                                                                      | <input type="radio"/> Fahrenheit <input checked="" type="radio"/> Celsius <input type="radio"/> 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](#)

|                                                                  |                                                                                                                    |                                                      |          |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------|
| <b>Enter the elevation of the station and choose your units:</b> |                                                                                                                    | <b>Station Pressure in inches of mercury:</b>        |          |
| <input type="text" value="779"/>                                 | <input checked="" type="radio"/> feet <input type="radio"/> meters                                                 | <input type="text" value="29.33"/>                   | in HG    |
| <b>Enter your altimeter setting and choose your units:</b>       |                                                                                                                    | <b>Station Pressure in millimeters of mercury:</b>   |          |
| <input type="text" value="30.17"/><br>(hPA)                      | <input checked="" type="radio"/> in of mercury <input type="radio"/> mm of mercury <input type="radio"/> millibars | <input type="text" value="744.98"/>                  | mm HG    |
|                                                                  |                                                                                                                    | <b>Station Pressure in millibars (hectoPascals):</b> |          |
|                                                                  |                                                                                                                    | <input type="text" value="993.22"/>                  | mb (hPA) |
| <input type="button" value="Convert"/>                           |                                                                                                                    | <input type="button" value="Clear Values"/>          |          |

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