



## National Weather Service Weather Forecast Office El Paso, TX

### 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="912"/>                                 | <input checked="" type="radio"/> feet <input type="radio"/> meters                                                       | <input type="text" value="29.07"/>                   | in HG    |
| <b>Enter your altimeter setting and choose your units:</b>       |                                                                                                                          | <b>Station Pressure in millimeters of mercury:</b>   |          |
| <input type="text" value="30.05"/>                               | <input checked="" type="radio"/> in of mercury <input type="radio"/> mm of mercury <input type="radio"/> millibars (hPA) | <input type="text" value="738.43"/>                  | mm HG    |
|                                                                  |                                                                                                                          | <b>Station Pressure in millibars (hectoPascals):</b> |          |
|                                                                  |                                                                                                                          | <input type="text" value="984.5"/>                   | mb (hPA) |
| <input type="button" value="Convert"/>                           |                                                                                                                          | <input type="button" value="Clear Values"/>          |          |

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

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## 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:                   |    |
| <input type="text" value="27"/>                                                  | <input type="radio"/> Fahrenheit <input checked="" type="radio"/> Celsius <input type="radio"/> Kelvin                   | <input type="text" value="2559.3"/>         | ft |
| Enter the actual station pressure (not the altimeter setting) and choose a unit: |                                                                                                                          | Density Altitude in meters:                 |    |
| <input type="text" value="29.07"/>                                               | <input checked="" type="radio"/> in of mercury <input type="radio"/> mm of mercury <input type="radio"/> millibars (hPA) | <input type="text" value="780.1"/>          | m  |
| Enter the dewpoint and choose a unit:                                            |                                                                                                                          |                                             |    |
| <input type="text" value="12"/>                                                  | <input type="radio"/> Fahrenheit <input checked="" type="radio"/> Celsius <input type="radio"/> Kelvin                   |                                             |    |
| <input type="button" value="Convert"/>                                           |                                                                                                                          | <input type="button" value="Clear Values"/> |    |

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

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