Showalter Index

From the user, an environmental temperature (T_{env}) and a parcel temperature (T_{parcel}) in degrees Celsius ($°C$).

If the user needs to convert the temperatures from degrees Fahrenheit ($°F$), see the link below.

Temperature Conversion

Then, the Showalter Index $(Index_{Showalter})$ can be calculated using the formula below:

$$Index_{Showalter} = T_{env} - T_{parcel}$$