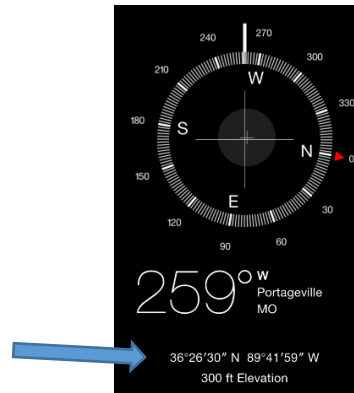


## GPS Coordinates to Decimal Format using FCC Website

Dr. Gene Stevens, University of Missouri-Extension Service

Some GPS receivers, including compass apps for phones, only displays the current location in degrees/minutes/ seconds. But, the University of Missouri Crop Water Use app requires field coordinates in decimal degrees.



The Federal Communication Commission has a website for converting GPS to different formats. For the table to function Javascript must be enabled on your computer.

<https://www.fcc.gov/encyclopedia/degrees-minutes-seconds-tofrom-decimal-degrees>

### Degrees Minutes Seconds to Decimal Degrees

Enter Degrees Minutes Seconds latitude:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Enter Degrees Minutes Seconds longitude:	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Convert to Decimal"/>		<input type="button" value="Clear Values"/>	
<b>Results:</b> Latitude:	<input type="text"/>	Longitude:	<input type="text"/>

Shown below are results after entering coordinates from my phone compass.

Enter Degrees Minutes Seconds latitude:	<input type="text" value="36"/>	<input type="text" value="26"/>	<input type="text" value="30"/>
Enter Degrees Minutes Seconds longitude:	<input type="text" value="89"/>	<input type="text" value="41"/>	<input type="text" value="59"/>
<input type="button" value="Convert to Decimal"/>		<input type="button" value="Clear Values"/>	
<b>Results:</b> Latitude:	<input type="text" value="36.441667"/>	Longitude:	<input type="text" value="89.699722"/>