

Long Island Transmission

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WEIGHTS AND MEASURES

CUBIC MEASURE

1,728 cubic inches.....	1 cubic foot
27 cubic feet.....	1 cubic yard
128 cubic feet.....	1 cord (wood)
2,150.42 cubic inches.....	1 standard bu.
231 cubic inches.....	1 U.S. standard gal.

DRY MEASURE

2 pints.....	1 quart
8 quarts.....	1 peck
4 pecks.....	1 bushel

LIQUID MEASURE

4 gills.....	1 pint
2 pints.....	1 quart
4 quarts.....	1 gallon
31 ½ gallons.....	1 barrel

IMPERIAL LIQUID MEASURE

1 U.S. gallon.....	0.833 Imperial gallon
1 U.S. gallon.....	3.785 liters
1 Imperial gallon.....	1.201 U.S. gallons
1 Imperial gallon.....	4.546 liters
1 liter.....	0.264 U.S. gallon

LONG MEASURE

12 inches.....	1 foot
3 feet.....	1 yard
5 ½ yards.....	1 rod
40 rods.....	1 furlong
8 furlongs.....	1 statute mile
3 land miles.....	1 league

MARINER'S MEASURE

6 feet.....	1 fathom
120 fathoms.....	1 cable length
5,280 feet.....	1 statute mile
6,076.11 feet.....	1 nautical mile

SQUARE MEASURE

144 sq. inches.....	1 sq. ft.
9 sq. feet.....	1 sq. yard
30 ¼ sq. yards.....	1 sq. rod
640 acres.....	1 sq. mile

- Bearings
- Gears
- Chains
- Sprockets

- Pulleys
- Couplings
- Speed Reducers
- Collars

- Motors
- Variable Speed Drives
- Lubricants
- Enclosures
- Clutches
- Belting
- Controls
- V-Belts

METRIC EQUIVALENTS

LINEAR MEASURE

1 centimeter.....	0.3937 inch
1 inch.....	2.54 centimeters
1 foot.....	0.3048 meter
1 meter.....	39.37 inches
1 yard.....	0.9144 meter
1 rod.....	5.029 meters
1 kilometer.....	0.621 mile
1 mile.....	1.609 kilometers

SQUARE MEASURE

1 sq. centimeter.....	0.1550 sq. inch
1 sq. inch.....	6.452 sq. centimeters
1 sq. foot.....	0.0929 sq. meter
1 sq. meter.....	1.196 sq. yards
1 sq. yard.....	0.8361 sq. meter
1 hectare.....	2.47 acres
1 acre.....	0.4047 hectare
1 sq. kilometer.....	0.386 sq. mile
1 sq. mile.....	2.59 sq. kilometers

MEASURE OF VOLUME

1 cubic centimeter.....	0.061 cubic inch
1 cubic inch.....	16.39 cubic centimeters
1 cubic foot.....	0.0283 cubic meter
1 cubic meter.....	1.308 cubic yards
1 cubic yard.....	0.7646 cubic meter
1 liter.....	1.0567 quarts liquid
1 quart dry.....	1.101 liters
1 quart liquid.....	0.9463 liter
1 liter.....	1.0567 quarts
1 gallon.....	3.78541 liters
1 peck.....	8.810 liters
1 hectoliter.....	2.8375 bushels

WEIGHTS

1 gram.....	0.03527 ounce
1 ounce.....	28.35 grams
1 kilogram.....	2.2046 pounds
1 pound.....	0.4536 kilogram
1 metric ton.....	0.98421 English ton
1 English ton.....	1.016 metric tons

TEMPERATURE CONVERSIONS

A Fahrenheit degree is smaller than a Celsius (Centigrade degree, one Fahrenheit degree being 5/9 of a Celsius degree.
To convert Fahrenheit degrees into Celsius, subtract 32, multiply by 5, and divide by 9.
To convert Celsius into Fahrenheit, multiply by 9, divide by 5, and add 32.
The freezing point of water is 32°F., 0°C. The boiling point is 212°F., 100°C.