

# LANDMAN AIDS (U.S. AND CANADA)

## TABLE OF MEASUREMENTS

### Long Measure

1 Mile	= 80 chains
	= 320 rods
	= 320 perches
	= 320 poles
	= 5,280 feet
	= 8,000 links
	= 1,609.2655 meters
1 Link	= 0.66 feet
	= 7.92 inches
	= 0.2017 meter
1 Meter	= 39.370 inches
	= 3.281 feet
1 Chain	= 4 rods
	= 4 perches
	= 4 poles
	= 66 feet
	= 100 links
	= 20.1168 meters
1 Rod	= 16.5 feet
1 Perch	= 25 links
1 Pole	= 5.0292 meters
1 Inch	= 0.0254 meter
1 Foot	= 0.3048 meter

### Louisiana (French) Land Measure

1 Arpent	= 191.833 feet
1 Square Arpent	= 0.84628 acres
1 Acre	= 1.1834 square arpents

### Square Measure

1 Square Mile	= A Regular Section of Land
	= 640 acres
	= 2.590 square kilometers
	= 259 hectares
1 Acre	= 10 square chains
	= 160 square rods
	= 160 perches
	= 160 poles
	= 43,560 square feet
	= 0.4047 hectare
	= 4,047 square meters
1 Hectare	= 2.471 acres
1 Square Meter	= 10.764 square feet

### Texas (Spanish) Land Measure

1 Vara	= 331/3 inches
	= 2.78 feet (to reduce Varas to feet, divide by 0.36)
1 Caballeria	= 108 acres
1 Labor	= 1,000,000 square varas or 177.136 acres
1 League	= 25,000,000 square varas or 4,428.4 acres
1 Sitio	= 1 League

## Area Conversions

10,000 square meters	= 1 hectare
1 square kilometer	= 1,000,000 square meters
1 square kilometer	= 100 hectares
1 square kilometer	= 247.1 acres

## Volume Conversions

1 liter	= 0.0063 bbl (approx.)
1 bbl	= 159 liters (approx.)

## U.S. SYSTEM OF RECTANGULAR SURVEYS

### Official Plan of Numbering Congressional Townships from Meridians and Baselines

				PRINCIPAL MERIDIAN	T4N			
					T3N			
					T2N			
					T1N			
BASE LINE								
R4W	R3W	R2W	R1W	R1E T1S	R2E	R3E	R4E	
				T2S				
				T3S				
				T4S				

### Official Plat of Township Sectionized and Numbered with Adjoining Sections

36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6
12	7	8	9	10	11	12	7
13	18	17	16	15	14	13	18
24	19	20	21	22	23	24	19
25	30	29	28	27	26	25	30
36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6

