

Constants  
 6378137 a  
 0.006694381 e<sup>2</sup>  
 0.081819199 e

Using the GRS80 (WGS-84) Ellipsoid, NAD83 Datum and meters

	Standard Parallels		Origin		False East m	False North m	n	F	r <sub>0</sub> m	N <sub>0</sub> m	
	South	North	Longitude West	Latitude North							
<b>Alaska</b>											<b>Alaska</b>
Zone 10	51.50	53.50	176.00	51.00	1000000.00	0.00	0.7969224	1.8029333	5048740.38	204422.03	Zone 10
<b>Arkansas</b>											<b>Arkansas</b>
North	34.56	36.14	92.00	34.20	400000.00	0.00	0.5818991	2.0558957	9062395.20	138776.13	North
South	33.18	34.46	92.00	32.40	400000.00	400000.00	0.5596907	2.1070400	9604584.23	551699.26	South
<b>California</b>											<b>California</b>
I	40.00	41.40	122.00	39.20	2000000.00	500000.00	0.6538843	1.9265541	7556554.64	666752.58	I
II	38.20	39.50	122.00	37.40	2000000.00	500000.00	0.6304683	1.9630108	8019788.93	657407.53	II
III	37.04	38.26	120.30	36.30	2000000.00	500000.00	0.6122320	1.9950300	8385775.17	638844.80	III
IV	36.00	37.15	119.00	35.20	2000000.00	500000.00	0.5965871	2.0251973	8733227.38	643420.49	IV
V	34.02	35.28	118.00	33.30	2000000.00	500000.00	0.5700119	2.0825242	9341756.14	638773.03	V
VI	32.47	33.53	116.15	32.10	2000000.00	500000.00	0.5495176	2.1326018	9836091.79	629451.71	VI
<b>Colorado</b>											<b>Colorado</b>
North	39.43	40.47	105.30	39.20	914401.83	304800.61	0.6461335	1.9381694	7646051.63	406657.62	North
Central	38.27	39.45	105.30	37.50	914401.83	304800.61	0.6306896	1.9626844	7998699.74	445522.42	Central
South	37.14	38.26	105.30	36.40	914401.83	304800.61	0.6133780	1.9929543	8352015.41	434373.61	South
<b>Connecticut</b>											<b>Connecticut</b>
North	41.12	41.52	72.45	40.50	304800.61	152400.30	0.6630595	1.9138105	7288924.52	230173.41	North
<b>Florida</b>											<b>Florida</b>
North	29.35	30.45	84.30	29.00	600000.00	0.00	0.5025259	2.2691715	11111265.21	129386.98	North
<b>Iowa</b>											<b>Iowa</b>
North	42.04	43.16	93.30	41.30	1500000.00	1000000.00	0.6777446	1.8945927	7059740.03	1129697.99	North
South	40.37	41.47	93.30	40.00	500000.00	0.00	0.6587010	1.9197856	7429044.52	133355.93	South
<b>Kansas</b>											<b>Kansas</b>
North	38.43	39.47	98.00	38.20	400000.00	0.00	0.6327146	1.9593777	7918239.47	101836.74	North
South	37.16	38.34	98.30	36.40	400000.00	400000.00	0.6145281	1.9908332	8336559.05	538838.99	South
<b>Kentucky</b>											<b>Kentucky</b>
North	37.58	38.58	84.15	37.30	500000.00	0.00	0.6220673	1.9774335	8145306.47	107362.48	North
South	36.44	37.56	85.45	36.20	500000.00	500000.00	0.6064624	2.0058809	8483079.46	611064.22	South
Single	38.40	37.05	85.45	36.20	1500000.00	1000000.00	0.6139607	1.9918070	8380874.32	1171257.84	Single
<b>Louisiana</b>											<b>Louisiana</b>
North	31.10	32.40	92.30	30.30	1000000.00	0.00	0.5287007	2.1890017	10405759.05	157187.89	North
South	29.18	30.42	91.20	28.30	1000000.00	0.00	0.5000127	2.2773887	11221678.11	166359.47	South
Offshore	26.10	27.50	91.20	25.30	1000000.00	0.00	0.4540068	2.4492413	12690863.73	166305.66	Offshore
<b>Maryland</b>											<b>Maryland</b>
North	38.18	39.27	77.00	37.40	400000.00	0.00	0.6276341	1.9678374	8055622.74	134217.58	North



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<b>Massachusetts</b>											<b>Massachusetts</b>
Mainland	41.43	42.41	71.30	41.00	200000.00	750000.00	0.6717287	1.9022490	7177701.74	883353.04	Mainland
Island	41.17	41.29	70.30	41.00	500000.00	0.00	0.6610940	1.9165439	7291990.45	42575.23	Island
<b>Michigan</b>											<b>Michigan</b>
North	45.29	47.05	87.00	44.47	8000000.00	0.00	0.7227899	1.8469098	6275243.85	166935.24	North
Central	44.11	45.42	84.22	43.19	6000000.00	0.00	0.7064074	1.8623523	6581660.23	180757.79	Central
South	42.06	43.40	84.22	41.30	4000000.00	0.00	0.6805293	1.8910964	7031167.29	153843.88	South
<b>Minnesota</b>											<b>Minnesota</b>
North	47.02	48.38	93.06	46.30	800000.00	100000.00	0.7412196	1.8320625	5934713.48	248462.36	North
Central	45.37	47.03	94.15	45.00	800000.00	100000.00	0.7233881	1.8464220	6246233.95	248371.04	Central
South	43.47	45.13	94.00	43.00	800000.00	100000.00	0.7009278	1.8680044	6667126.85	266832.35	South
<b>Montana</b>	45.00	49.00	109.30	44.15	600000.00	0.00	0.7315042	1.8386232	6259119.57	306982.36	<b>Montana</b>
<b>Nebraska</b>	40.00	43.00	100.00	39.50	500000.00	0.00	0.6626969	1.9136855	7401530.84	185694.92	<b>Nebraska</b>
<b>New York</b>											<b>New York</b>
Long Island	40.40	41.02	74.00	40.10	300000.00	0.00	0.6540821	1.9264611	7462536.30	75891.29	Long Island
<b>North Carolina</b>	34.20	36.10	79.00	33.45	609601.22	0.00	0.5771703	2.0661708	9199785.60	166589.99	<b>North Carolina</b>
<b>North Dakota</b>											<b>North Dakota</b>
North	47.26	48.44	100.30	47.00	600000.00	0.00	0.7441334	1.8300153	5856720.46	120599.98	North
South	46.11	47.29	100.30	45.40	600000.00	0.00	0.7293826	1.8413573	6122339.60	129830.33	South
<b>Ohio</b>											<b>Ohio</b>
North	40.26	41.42	82.30	39.40	600000.00	0.00	0.6569503	1.9222418	7485451.60	155578.91	North
South	38.44	40.02	82.30	38.00	600000.00	0.00	0.6345195	1.9563857	7932869.04	153682.09	South
<b>Oklahoma</b>											<b>Oklahoma</b>
North	35.34	36.46	98.00	35.00	600000.00	0.00	0.5901471	2.0383758	8864259.93	129531.44	North
South	33.56	35.14	98.00	33.20	600000.00	0.00	0.5676167	2.0881277	9399243.52	138749.82	South
<b>Oregon</b>											<b>Oregon</b>
North	44.20	46.00	120.30	43.40	2500000.00	0.00	0.7091860	1.8595531	6517624.70	166910.77	North
South	42.20	44.00	120.30	41.40	1500000.00	0.00	0.6841474	1.8867222	6976289.24	166836.96	South
<b>Pennsylvania</b>											<b>Pennsylvania</b>
North	40.53	41.57	77.45	40.10	600000.00	0.00	0.6615397	1.9158479	7379348.37	138899.60	North
South	39.56	40.58	77.45	39.20	600000.00	0.00	0.6487932	1.9341686	7615193.76	124063.79	South
<b>Puerto Rico and Virgin Islands</b>											<b>Puerto Rico and Virgin Islands</b>
1	18.02	18.26	66.26	17.50	200000.00	200000.00	0.3128882	3.3580378	19411706.20	244276.74	1
2 (St. Croix)	18.02	18.26	66.26	17.50			0.3128882	3.3580378	19411706.20	44276.74	2 (St. Croix)
<b>Samoa</b>	-14.16	-14.16	170.00				-0.6068259	-1.8590675	-11857387.46	-4102799.81	<b>Samoa</b>
<b>South Carolina</b>	32.30	34.50	81.00	31.50	609600.00	0.00	0.5543994	2.1198646	9786198.80	203607.27	<b>South Carolina</b>

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	South	North	Longitude West	Latitude North	False East m	False North m					
<b>South Dakota</b>											<b>South Dakota</b>
North	44.25	45.41	100.00	43.50	600000.00	0.00	0.7077382	1.8610692	6512395.06	135330.57	North
South	42.50	44.24	100.20	42.20	600000.00	0.00	0.6898520	1.8801059	6846221.94	142758.61	South
<b>Tennessee</b>	35.15	36.25	86.00	34.20	600000.00	0.00	0.5854397	2.0482982	9008631.31	166504.17	<b>Tennessee</b>
<b>Texas</b>											<b>Texas</b>
North	34.39	36.11	101.30	34.00	200000.00	1000000.00	0.5795359	2.0610121	9135570.89	1157297.50	North
North central	32.08	33.58	98.30	31.40	600000.00	2000000.00	0.5453944	2.1431425	9964225.76	2153577.14	North central
Central	30.07	31.53	100.20	29.40	700000.00	3000000.00	0.5150589	2.2293359	10770561.11	3147960.78	Central
South central	28.23	30.17	99.00	27.50	600000.00	4000000.00	0.4899126	2.3115687	11523512.56	4166406.43	South central
South	26.10	27.50	98.30	25.40	300000.00	5000000.00	0.4540068	2.4492413	12672396.46	5147838.39	South
<b>Utah</b>											<b>Utah</b>
North	40.43	41.47	111.30	40.20	500000.00	1000000.00	0.6593555	1.9188840	7384852.15	1101877.47	North
Central	39.01	40.39	111.30	38.20	500000.00	2000000.00	0.6405786	1.9466322	7822240.61	2166710.22	Central
South	37.13	38.21	111.30	36.40	500000.00	3000000.00	0.6126873	1.9942350	8361336.23	3124013.24	South
<b>Virginia</b>											<b>Virginia</b>
North	38.02	39.12	78.30	37.40	3500000.00	2000000.00	0.6241179	1.9738453	8100315.68	2105537.78	North
South	36.46	37.58	78.30	36.20	3500000.00	1000000.00	0.6069248	2.0050010	8476701.81	1114764.18	South
<b>Washington</b>											<b>Washington</b>
North	47.30	48.44	120.50	47.00	500000.00	0.00	0.7445203	1.8297521	5853778.61	124292.39	North
South	45.50	47.20	120.30	45.20	500000.00	0.00	0.7263958	1.8438194	6183952.28	139131.91	South
<b>West Virginia</b>											<b>West Virginia</b>
North	39.00	40.15	79.30	38.30	600000.00	0.00	0.6377730	1.9511539	7837787.80	125000.47	North
South	37.29	38.53	81.00	37.00	600000.00	0.00	0.6181954	1.9841987	8250940.55	131462.74	South
<b>Wisconsin</b>											<b>Wisconsin</b>
North	45.34	46.46	90.00	45.10	600000.00	0.00	0.7213708	1.8482410	6244929.51	111267.15	North
Central	44.15	45.30	90.00	43.50	600000.00	0.00	0.7055766	1.8632433	6531967.99	115876.03	Central
South	42.44	44.04	90.00	42.00	600000.00	0.00	0.6871032	1.8833199	6910290.16	155664.30	South