

Sheet1

LOCATION,C,31	COUNTRY,C,31	LONGITUDE	LATITUDE	ZONE
Aberdeen	Maryland U.S.A	+ 761000	+393000	- 5
Abilene	Texas U.S.A	+ 994300	+322800	- 6
Addis Abeba	Ethiopia	- 384300	+ 90000	+ 3
Adelaide	Australia	-1390700	-344500	+ 9
Aden	Yemen	- 445900	+124800	+ 3
Akron	Ohio U.S.A	+ 813100	+410600	- 5
Alameda	California U.S.A	+1221500	+374600	- 8
Alamogordo	New Mexico U.S.A	+1055800	+325400	- 7
Albany	Georgia U.S.A	+ 841000	+313500	- 5
Albany	New York U.S.A	+ 734500	+424000	- 5
Albany	Oregon U.S.A	+1230600	+443900	- 8
Albuquerque	New Mexico U.S.A	+1064000	+350500	- 7
Alexandria	Louisiana U.S.A	+ 922800	+311800	- 6
Alexandria	Virginia U.S.A	+ 770300	+384900	- 5
Alhambra	California U.S.A	+1180600	+340900	- 8
Allentown	Pennsylvania U.S.A	+ 752900	+403600	- 5
Altoona	Pennsylvania U.S.A	+ 782400	+403100	- 5
Amarillo	Texas U.S.A	+1015000	+351300	- 6
Ames	Iowa U.S.A	+ 933700	+420200	- 6
Amman	Jordan	- 355600	+315800	+ 2
Amsterdam	Netherlands	- 45100	+522200	+ 1
Anaconda	Montana U.S.A	+1125700	+460800	- 7
Anaheim	California U.S.A	+1175500	+335000	- 8
Anchorage	Alaska U.S.A	+1500000	+611000	- 9
Anderson	Indiana U.S.A	+ 854100	+401000	- 5
Anderson	South Carolina U.S.A	+ 824000	+343100	- 6
Ann Arbor	Michigan U.S.A	+ 834600	+421600	- 5
Annapolis	Maryland U.S.A	+ 763000	+390000	- 5
Antwerp	Belgium	- 42300	+511300	+ 1
Appleton	Wisconsin U.S.A	+ 882500	+441600	- 6
Arcade-Arden	California U.S.A	+1213000	+383500	- 8
Arlington Heights	Illinois U.S.A	+ 875900	+420600	- 6
Arlington	Massachusetts U.S.A	+ 711000	+422600	- 5
Arlington	Texas U.S.A	+ 970700	+324400	- 6
Arvada	Colorado U.S.A	+1050500	+394800	- 7
Asheville	North Carolina U.S.	+ 823400	+353600	- 6
Ashland	Kentucky U.S.A	+ 823800	+382800	- 7
Athens	Georgia U.S.A	+ 832300	+335800	- 5
Athen	Greece	- 233700	+380000	+ 2
Atlanta	Georgia U.S.A	+ 842500	+334600	- 5
Auburn	Alabama U.S.A	+ 852900	+323700	- 6
Auburn	Maine U.S.A	+ 701400	+440600	- 5
Auckland	New Zealand	-1744400	-365100	+ 12
Augusta	Georgia U.S.A	+ 815800	+332900	- 5
Augusta	Maine U.S.A	+ 694600	+441900	- 5
Aurora	Colorado U.S.A	+1045200	+394400	- 7
Aurora	Illinois U.S.A	+ 881900	+414500	- 6
Austin	Texas U.S.A	+ 974500	+301600	- 6
Baghdad	Iraq	- 442000	+331500	+ 3
Bakersfield	California U.S.A	+1190100	+352200	- 8
Baldwin Park	California U.S.A	+1175800	+340400	- 8
Baltimore	Maryland U.S.A	+ 763700	+391700	- 5

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Bangkok	Thailand	-1002800	+135000	+ 7
Bangor	Maine U.S.A	+ 684700	+444800	- 5
Barcelona	Spain	- 20700	+412600	+ 1
Barre	Vermont U.S.A	+ 723100	+441200	- 5
Bartlesville	Oklahoma U.S.A	+ 960000	+364500	- 6
Baton Rouge	Louisiana U.S.A	+ 911100	+302700	- 6
Battle Creek	Michigan U.S.A	+ 851100	+421900	- 5
Bay City	Michigan U.S.A	+ 835400	+433600	- 5
Bayonne	New Jersey U.S.A	+ 740700	+404000	- 5
Baytown	Texas U.S.A	+ 945800	+294400	- 6
Beaumont	Texas U.S.A	+ 940500	+300500	- 6
Beaverton	Oregon U.S.A	+1224900	+453000	- 8
Beckley	West Virginia U.S.A	+ 811100	+374700	- 5
Beijing	China	-1162100	+395500	+ 8
Belfast	Ireland	+ 54500	+543500	+ 0
Bellevue	Nebraska U.S.A	+ 955400	+411000	- 6
Bellevue	Washington U.S.A	+1221200	+473700	- 5
Bellflower	California U.S.A	+1180900	+335400	- 8
Bellingham	Washington U.S.A	+1222900	+484600	- 5
Bennington	Vermont U.S.A	+ 731100	+425400	- 5
Benton	Arkansas U.S.A	+ 923600	+343400	- 6
Berkeley	California U.S.A	+1221600	+375300	- 8
Berlin	Germany	- 131900	+523100	+ 1
Bern	Switzerland	- 72400	+465500	+ 1
Bethel	Alaska U.S.A	+1614500	+604700	- 9
Bethlehem	Pennsylvania U.S.A	+ 752300	+403700	- 5
Biddeford	Maine U.S.A	+ 702800	+432900	- 5
Billings	Montana U.S.A	+1083000	+454700	- 7
Biloxi	Mississippi U.S.A	+ 885400	+302300	- 6
Binghamton	New York U.S.A	+ 755600	+420600	- 5
Birmingham	Alabama U.S.A	+ 864900	+333100	- 6
Birmingham	England	+ 15300	+523000	+ 0
Bismarck	North Dakota U.S.A	+1004800	+464900	- 6
Bloomfield	New Jersey U.S.A	+ 741200	+404900	- 5
Bloomington	Illinois U.S.A	+ 890000	+403000	- 6
Bloomington	Indiana U.S.A	+ 863300	+391000	- 5
Bloomington	Minnesota U.S.A	+ 931800	+445000	- 6
Bluefield	West Virginia U.S.A	+ 811300	+371600	- 5
Boca Raton	Florida U.S.A	+ 800600	+262200	- 5
Bogota	Colombia	+ 740600	+ 43800	- 6
Boise	Idaho U.S.A	+1161200	+433700	- 7
Bombay	India	- 724900	+185800	- 5
Bordeaux	France	+ 03800	+445000	+ 1
Bossier City	Louisiana U.S.A	+ 934300	+323200	- 6
Boston	Massachusetts U.S.A	+ 710300	+422200	- 5
Boulder City	Nevada U.S.A	+1145100	+355800	- 8
Boulder	Colorado U.S.A	+1051800	+400100	- 7
Bountiful	Utah U.S.A	+1115400	+405400	- 7
Bowie	Maryland U.S.A	+ 764800	+390100	- 5
Bowling Green	Kentucky U.S.A	+ 862800	+365900	- 7
Bozeman	Montana U.S.A	+1110300	+454200	- 7
Brest	France	+ 43000	+482500	+ 1
Bridgeport	Connecticut U.S.A	+ 731200	+411100	- 5

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Brisbane	Australia	-1530900	-272800	+ 11
Bristol	Connecticut U.S.A	+ 725700	+414100	- 5
Bristol	England	+ 24000	+513000	+ 0
Brockton	Massachusetts U.S.A	+ 710100	+420500	- 5
Broken Arrow	Oklahoma U.S.A	+ 954900	+360300	- 6
Brookings	South Dakota U.S.A	+ 964800	+441800	- 6
Brookline	Massachusetts U.S.A	+ 710700	+422000	- 5
Brooklyn Park	Minnesota U.S.A	+ 932400	+450700	- 6
Brookside Park	Delaware U.S.A	+ 754300	+394100	- 5
Brownsville	Texas U.S.A	+ 973100	+255400	- 6
Brunswick	Maine U.S.A	+ 695800	+435500	- 5
Brussels	Belgium	- 41900	+505200	+ 1
Bucharest	Romania	- 260800	+442400	+ 2
Buena Park	California U.S.A	+1180000	+335300	- 8
Buenos Aires	Argentina	+ 583100	-341900	- 3
Buffalo	New York U.S.A	+ 785300	+425200	- 5
Burbank	California U.S.A	+1181800	+341200	- 8
Burlington	Iowa U.S.A	+ 911500	+404900	- 6
Burlington	North Carolina U.S.A	+ 792500	+360600	- 6
Burlington	Vermont U.S.A	+ 731300	+442900	- 5
Butte	Montana U.S.A	+1123300	+460100	- 7
Cairo	Egypt	- 311500	+300000	+ 2
Calaveras County	California U.S.A	+1203500	+380900	- 8
Calcutta	India	- 882100	+223200	- 5
Caldwell	Idaho U.S.A	+1164100	+434000	- 7
Calgary	Alberta Canada	+1140000	+510000	- 9
Cambridge	Massachusetts U.S.A	+ 710700	+422200	- 5
Cambridge	Maryland U.S.A	+ 760500	+383400	- 5
Camden	New Jersey U.S.A	+ 750700	+395800	- 5
Canberra	Australia	-1490900	-352000	+ 10
Canton	China	-1131300	+230700	+ 8
Canton	Ohio U.S.A	+ 812400	+404800	- 5
Cape Girardeau	Missouri U.S.A	+ 893300	+371900	- 6
Cape Town	South-Africa	- 182700	-334700	- 6
Caracas	Venezuela	+ 665800	+103000	+ 4
Cardiff	Wales GB	+ 31700	+513100	+ 0
Carson City	Nevada U.S.A	+1194600	+391100	- 8
Carson	California U.S.A	+1181800	+334900	- 8
Casa Grande	Arizona U.S.A	+1114500	+325400	- 7
Casablanca	Morocco	+ 74000	+333300	+ 1
Casper	Wyoming U.S.A	+1061900	+425100	- 7
Cedar Falls	Iowa U.S.A	+ 922700	+423100	- 6
Central Islip	New York U.S.A	+ 731300	+404700	- 5
Cerritos	California U.S.A	+1180500	+335000	- 8
Champaign	Illinois U.S.A	+ 881500	+400800	- 6
Chapel Hill	North Carolina U.S.A	+ 790500	+355600	- 6
Charleston	South Carolina U.S.A	+ 795600	+324700	- 6
Charleston	West Virginia U.S.A	+ 813900	+382200	- 5
Charlotte	North Carolina U.S.A	+ 805100	+351400	- 6
Chattanooga	Tennessee U.S.A	+ 851900	+350300	- 5
Chesapeake	Virginia U.S.A	+ 761700	+365000	- 5
Cheyenne	Wyoming U.S.A	+1044900	+410900	- 7
Chicago	Illinois U.S.A	+ 873900	+415400	- 6

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Chicopee	Massachusetts U.S.A	+ 723700	+420900	- 5
Chula Vista	California U.S.A	+1170500	+323900	- 8
Cicero	Illinois U.S.A	+ 874500	+415100	- 6
Cincinnati	Ohio U.S.A	+ 843100	+390700	- 5
Claremont	New Hampshire U.S.A	+ 722000	+432400	- 5
Clarksburg	West Virginia U.S.A	+ 802200	+391700	- 5
Clarksdale	Mississippi U.S.A	+ 903400	+341200	- 6
Clarksville	Tennessee U.S.A	+ 872000	+363200	- 5
Claymont	Delaware U.S.A	+ 752800	+394800	- 5
Clearwater	Florida U.S.A	+ 824800	+275800	- 5
Cleveland	Ohio U.S.A	+ 814100	+413100	- 5
Cleveland	Tennessee U.S.A	+ 845400	+351000	- 5
Clifton	New Jersey U.S.A	+ 740900	+405300	- 5
Clinton	Iowa U.S.A	+ 901200	+415100	- 6
Clovis	New Mexico U.S.A	+1031300	+342500	- 7
College Park	Maryland U.S.A	+ 765600	+390000	- 5
Koeln	Germany	- 65500	+505700	+ 1
Colombo	Sri Lanka	- 795100	+ 65800	+ 6
Colon	Panama	+ 795400	+ 92200	- 6
Colorado Springs	Colorado U.S.A	+1044900	+385000	- 7
Columbia	Missouri U.S.A	+ 922000	+385700	- 6
Columbia	South Carolina U.S.A	+ 810200	+340000	- 6
Columbia	Tennessee U.S.A	+ 870200	+353700	- 5
Columbus	Georgia U.S.A	+ 850000	+322800	- 5
Columbus	Mississippi U.S.A	+ 882500	+333100	- 6
Columbus	Nebraska U.S.A	+ 972200	+422500	- 6
Columbus	Ohio U.S.A	+ 830000	+395700	- 5
Compton	California U.S.A	+1181400	+335400	- 8
Concord	California U.S.A	+1220200	+380000	- 8
Concord	New Hampshire U.S.A	+ 713300	+431300	- 5
Copenhagen	Denmark	- 122500	+554400	+ 1
Corpus Christi	Texas U.S.A	+ 972400	+274800	- 6
Corvallis	Oregon U.S.A	+1231600	+443500	- 8
Costa Mesa	California U.S.A	+1175600	+333800	- 8
Council Bluffs	Iowa U.S.A	+ 955200	+411500	- 6
Covington	Kentucky U.S.A	+ 843100	+390500	- 7
Cranston	Rhode Island U.S.A	+ 712600	+414800	- 5
Cumberland	Maryland U.S.A	+ 784600	+394000	- 5
Dallas	Texas U.S.A	+ 964700	+324700	- 6
Daly City	California U.S.A	+1222800	+374300	- 8
Damascus	Syria	- 361600	+333100	+ 3
Danbury	Connecticut U.S.A	+ 732800	+412500	- 5
Danville	Virginia U.S.A	+ 792400	+363500	- 5
Darwin	Australia	-1305800	-122300	- 8
Davenport	Iowa U.S.A	+ 903500	+413200	- 6
Dayton	Ohio U.S.A	+ 841100	+394600	- 5
Daytona Beach	Florida U.S.A	+ 810200	+291300	- 5
Dearborn Heights	Michigan U.S.A	+ 831800	+421900	- 5
Dearborn	Michigan U.S.A	+ 831000	+422000	- 5
Decatur	Illinois U.S.A	+ 885600	+395000	- 6
Delhi	India	- 771200	+285400	- 5
Denton	Texas U.S.A	+ 970800	+331300	- 6
Denver	Colorado U.S.A	+1050000	+394600	- 7

## Sheet1

Derry	New Hampshire U.S.A	+ 711900	+425300	- 5
Des Moines	Iowa U.S.A	+ 933700	+413500	- 6
Des Plaines	Illinois U.S.A	+ 875200	+420300	- 6
Detroit	Michigan U.S.A	+ 830300	+422000	- 5
Devils Lake	North Dakota U.S.A	+ 985200	+480700	- 6
Dickinson	North Dakota U.S.A	+1024800	+465300	- 6
Dickinson	Texas U.S.A	+ 950600	+292800	- 6
Dijon	France	- 50100	+472200	+ 1
Dodge City	Kansas U.S.A	+1000100	+374500	- 6
Dover	Delaware U.S.A	+ 753400	+390900	- 5
Dover	England	- 11800	+510800	+ 0
Dover	New Hampshire U.S.A	+ 705200	+431100	- 5
Downey	California U.S.A	+1180700	+335700	- 8
Dubayy	United Arab Emirates	- 552400	+251900	+ 4
Dubuque	Iowa U.S.A	+ 904100	+423100	- 6
Duluth	Minnesota U.S.A	+ 920700	+464700	- 6
Durham	North Carolina U.S.A	+ 785500	+360000	- 6
Eagle River	Alaska U.S.A	+1493400	+611900	- 9
Edina	Minnesota U.S.A	+ 932100	+445300	- 6
Edinburgh	Scotland	+ 31000	+555700	+ 0
Edmond	Oklahoma U.S.A	+ 972900	+354000	- 6
Edmonton	Alberta Canada	+1133000	+534100	+ 8
El Cajon	California U.S.A	+1165800	+324800	- 8
El Dorado	Arkansas U.S.A	+ 924000	+331300	- 6
El Monte	California U.S.A	+1180300	+340400	- 8
El Paso	Texas U.S.A	+1063000	+314600	- 6
Elgin	Illinois U.S.A	+ 881800	+420300	- 6
Elizabeth	New Jersey U.S.A	+ 741400	+404000	- 5
Elko	Nevada U.S.A	+1154500	+404900	- 8
Elsmere	Delaware U.S.A	+ 753500	+394500	- 5
Elyria	Ohio U.S.A	+ 820700	+412300	- 5
Englewood	Colorado U.S.A	+1045900	+394000	- 7
Enid	Oklahoma U.S.A	+ 975400	+362400	- 6
Erie	Pennsylvania U.S.A	+ 800500	+420800	- 5
Escondido	California U.S.A	+1170500	+330700	- 8
Euclid	Ohio U.S.A	+ 813300	+413400	- 5
Eugene	Oregon U.S.A	+1230500	+440400	- 8
Evanston	Illinois U.S.A	+ 874100	+420200	- 6
Evansville	Indiana U.S.A	+ 873400	+375800	- 5
Everett	Washington U.S.A	+1221300	+475900	- 5
Ewa	Hawaii U.S.A	+1580300	+212000	- 9
Fairbanks	Alaska U.S.A	+1475100	+644900	- 9
Fairfield	California U.S.A	+1220300	+381500	- 8
Fairfield	Connecticut U.S.A	+ 731600	+410900	- 5
Fairmont	West Virginia U.S.A	+ 800900	+393000	- 5
Fall River	Massachusetts U.S.A	+ 711000	+414300	- 5
Fargo	North Dakota U.S.A	+ 964800	+465200	- 6
Farmington	New Mexico U.S.A	+1081200	+364500	- 7
Fayetteville	Arkansas U.S.A	+ 941000	+360400	- 6
Fayetteville	North Carolina U.S.A	+ 785200	+350300	- 6
Fehraltorf	Switzerland	- 84528	+472322	+ 1
Flagstaff	Arizona U.S.A	+1113900	+351300	- 7
Flint	Michigan U.S.A	+ 834100	+430100	- 5

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Florence	South Carolina U.S.A	+ 794600	+341200	- 6
Florissant	Missouri U.S.A	+ 903000	+384800	- 6
Fort Collins	Colorado U.S.A	+1050500	+403500	- 7
Fort Lauderdale	Florida U.S.A	+ 800900	+260800	- 5
Fort Smith	Arkansas U.S.A	+ 942600	+352300	- 6
Fountain Valley	California U.S.A	+1175800	+334200	- 8
Framingham	Massachusetts U.S.A	+ 712500	+421700	- 5
Frankfort	Kentucky U.S.A	+ 845100	+381300	- 7
Frederick	Maryland U.S.A	+ 772600	+392500	- 5
Fremont	California U.S.A	+1215800	+373200	- 8
Fremont	Nebraska U.S.A	+ 963100	+412700	- 6
Fresno	California U.S.A	+1194700	+364400	- 8
Fort Wayne	Indiana U.S.A	+ 850900	+410400	- 5
Fort Worth	Texas U.S.A	+ 972000	+324500	- 6
Fullerton	California U.S.A	+1175600	+335200	- 8
Gadsden	Alabama U.S.A	+ 860200	+340100	- 6
Gainesville	Florida U.S.A	+ 822000	+294000	- 5
Gaithersburg	Maryland U.S.A	+ 771300	+390900	- 5
Gallup	New Mexico U.S.A	+1084500	+353200	- 7
Galveston	Texas U.S.A	+ 944900	+291900	- 6
Garden Grove	California U.S.A	+1175500	+334600	- 8
Garland	Texas U.S.A	+ 963800	+325500	- 6
Gary	Indiana U.S.A	+ 872100	+413600	- 5
Gastonia	North Carolina U.S.A	+ 811200	+351600	- 6
Gdansk	Poland	- 183800	+542000	+ 1
Geneva	Switzerland	- 60300	+461500	+ 1
Gillette	Wyoming U.S.A	+1053100	+441800	- 7
Glasgow	Scotland	+ 42600	+555500	+ 0
Glendale	Arizona U.S.A	+1121000	+333300	- 7
Glendale	California U.S.A	+1181500	+340900	- 8
Gorham	Maine U.S.A	+ 702800	+434000	- 5
Granada Hills	California U.S.A	+1183000	+341200	- 8
Grand Forks	North Dakota U.S.A	+ 970300	+475500	- 6
Grand Island	Nebraska U.S.A	+ 982100	+405500	- 6
Grand Prairie	Texas U.S.A	+ 970100	+324600	- 6
Grand Rapids	Michigan U.S.A	+ 854000	+425800	- 5
Great Falls	Montana U.S.A	+1111800	+473000	- 7
Greeley	Colorado U.S.A	+1044200	+402500	- 7
Green Bay	Wisconsin U.S.A	+ 880100	+443100	- 6
Green River	Wyoming U.S.A	+1092800	+413100	- 7
Greensboro	North Carolina U.S.A	+ 794800	+360400	- 6
Greenville	Mississippi U.S.A	+ 910300	+332400	- 6
Greenville	South Carolina U.S.A	+ 822400	+345000	- 6
Greenwich	England	+ 00000	+512900	+ 0
Greenwich	Connecticut U.S.A	+ 733800	+410200	- 5
Greenwood	Mississippi U.S.A	+ 901100	+333100	- 6
Greenwood	South Carolina U.S.A	+ 821100	+341200	- 6
Gresham	Oregon U.S.A	+1222500	+453100	- 8
Gulfport	Mississippi U.S.A	+ 890500	+302200	- 6
Hagerstown	Maryland U.S.A	+ 774300	+393900	- 5
Halifax	Nova Scotia	+ 633500	+444100	- 5
Hamburg	Germany	- 100200	+533500	+ 1
Hamden	Connecticut U.S.A	+ 725400	+412400	- 5

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Hamilton	Ohio U.S.A	+ 843500	+392500	- 5
Hamilton	Ontario	+ 793100	+431600	- 5
Hammond	Indiana U.S.A	+ 873100	+413700	- 5
Hampton	Virginia U.S.A	+ 762100	+370100	- 5
Harrisburg	Pennsylvania U.S.A	+ 765400	+401600	- 5
Hartford	Connecticut U.S.A	+ 724100	+414600	- 5
Hastings	Nebraska U.S.A	+ 982400	+403500	- 6
Hattiesburg	Mississippi U.S.A	+ 891800	+312000	- 6
Havana	Cuba	+ 822300	+230900	- 6
Havre	Montana U.S.A	+1094100	+483400	- 7
Hawthorne	California U.S.A	+1182200	+335600	- 8
Hayward	California U.S.A	+1220500	+374000	- 8
Helena	Montana U.S.A	+1120300	+463500	- 7
Helsinki	Finland	- 245200	+601000	+ 1
Henderson	Kentucky U.S.A	+ 873500	+375000	- 7
Henderson	Nevada U.S.A	+1150000	+360300	- 8
Hendersonville	Tennessee U.S.A	+ 863700	+361800	- 5
Hialeah	Florida U.S.A	+ 801800	+255100	- 5
High Point	North Carolina U.S.A	+ 800100	+355800	- 6
Hillsboro	Oregon U.S.A	+1230000	+453100	- 8
Hilo	Hawaii U.S.A	+1550600	+194400	- 9
Hobbs	New Mexico U.S.A	+1030900	+324300	- 7
Hollywood	California U.S.A	+1182000	+340800	- 8
Holyoke	Massachusetts U.S.A	+ 723700	+421300	- 5
Hong Kong	Hong Kong	-1145900	+214500	+ 8
Honolulu	Hawaii U.S.A	+1575200	+211900	- 9
Hopkinsville	Kentucky U.S.A	+ 873000	+365200	- 7
Hot Springs National Park	Arkansas U.S.A	+ 930400	+343100	- 6
Houston	Texas U.S.A	+ 952200	+294600	- 6
Huntington Beach	California U.S.A	+1180500	+334000	- 8
Huntington	West Virginia U.S.A	+ 822600	+382500	- 5
Huntsville	Alabama U.S.A	+ 863600	+344300	- 6
Huron	South Dakota U.S.A	+ 981300	+442100	- 6
Hutchinson	Kansas U.S.A	+ 975600	+380500	- 6
Idaho Falls	Idaho U.S.A	+1120100	+433000	- 7
Independence	Missouri U.S.A	+ 942600	+390600	- 6
Indianapolis	Indiana U.S.A	+ 861000	+394600	- 5
Inglewood	California U.S.A	+1182200	+335800	- 8
Iowa City	Iowa U.S.A	+ 913200	+414000	- 6
Irvine	California U.S.A	+1174600	+334100	- 8
Irving	Texas U.S.A	+ 965600	+324900	- 6
Irvington	New Jersey U.S.A	+ 741300	+404400	- 5
Istanbul	Turkey	- 290100	+410200	+ 3
Jackson	Michigan U.S.A	+ 842400	+421600	- 5
Jackson	Mississippi U.S.A	+ 901100	+321900	- 6
Jackson	Tennessee U.S.A	+ 884800	+353700	- 5
Jacksonville	Arkansas U.S.A	+ 920800	+345200	- 6
Jacksonville	Florida U.S.A	+ 813900	+301900	- 5
Jamestown	North Dakota U.S.A	+ 984300	+465500	- 6
Janesville	Wisconsin U.S.A	+ 890200	+424200	- 6
Jefferson City	Missouri U.S.A	+ 921300	+383100	- 6
Jersey City	New Jersey U.S.A	+ 740400	+404300	- 5
Jerusalem	Israel	- 351300	+314600	+ 3

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Johannesburg	South-Africa	- 275200	+260800	- 6
Johnson City	Tennessee U.S.A	+ 822200	+362000	- 5
Johnstown	Pennsylvania U.S.A	+ 785500	+401900	- 5
Joilet	Illinois U.S.A	+ 880400	+413200	- 6
Jonesboro	Arkansas U.S.A	+ 904300	+355100	- 6
Joplin	Missouri U.S.A	+ 943100	+370700	- 6
Juneau	Alaska U.S.A	+1342500	+581800	- 9
Kalamazoo	Michigan U.S.A	+ 853500	+421700	- 5
Kalispell	Montana U.S.A	+1141900	+481300	- 7
Kansas City	Kansas U.S.A	+ 943900	+390700	- 6
Kansas City	Missouri U.S.A	+ 943600	+390500	- 6
Kathmandu	Nepal	- 851900	+275000	+ 6
Kearney	Nebraska U.S.A	+ 990500	+404300	- 6
Keene	New Hampshire U.S.A	+ 711600	+425700	- 5
Kenai	Alaska U.S.A	+1511600	+603400	- 9
Kenner	Louisiana U.S.A	+ 901500	+300000	- 6
Kenosha	Wisconsin U.S.A	+ 875000	+423600	- 6
Ketchikan	Alaska U.S.A	+1314000	+552000	- 9
Kettering	Ohio U.S.A	+ 841000	+394200	- 5
Khartoum	Sudan	- 323500	+153400	+ 3
Kiel	Germany	- 100700	+541900	+ 1
Kingsport	Tennessee U.S.A	+ 823300	+363200	- 5
Kingston	Jamaica	+ 764500	+180100	- 6
Knightdale	North Carolina U.S.A	+ 782600	+354900	- 6
Knoxville	Tennessee U.S.A	+ 835500	+355800	- 5
Kodiak	Alaska U.S.A	+1522400	+574700	- 9
Kuala Lumpur	Malaysia	-1014100	+ 30900	+ 7
Kuwait	Kuwait	- 475800	+290400	+ 4
Kyoto	Japan	-1354600	+350000	+ 9
La Crosse	Wisconsin U.S.A	+ 911600	+434700	- 6
La Mesa	California U.S.A	+1170200	+324600	- 8
La Rochelle	France	+ 11000	+461100	+ 1
Laconia	New Hampshire U.S.A	+ 712800	+433100	- 5
Lafayette	Indiana U.S.A	+ 865500	+402500	- 5
Lafayette	Louisiana U.S.A	+ 920100	+301300	- 6
Lahore	Pakistan	- 741600	+320100	+ 5
Lake Charles	Louisiana U.S.A	+ 931300	+301500	- 6
Lakewood	California U.S.A	+1180900	+335800	- 8
Lakewood	Colorado U.S.A	+1050500	+394400	- 7
Lakewood	Ohio U.S.A	+ 814900	+412900	- 5
Lancaster	Pennsylvania U.S.A	+ 761900	+400300	- 5
Lander	Wyoming U.S.A	+1084400	+425000	- 7
Lansing	Michigan U.S.A	+ 843400	+424500	- 5
Laramie	Wyoming U.S.A	+1053500	+411900	- 7
Laredo	Texas U.S.A	+ 993100	+273100	- 6
Largo	Florida U.S.A	+ 824800	+275500	- 5
Las Cruces	New Mexico U.S.A	+1064600	+321800	- 7
Las Vegas	Nevada U.S.A	+1150900	+361000	- 8
Laurel	Mississippi U.S.A	+ 890800	+314200	- 6
Lawrence	Kansas U.S.A	+ 951400	+385800	- 6
Lawrence	Massachusetts U.S.A	+ 711000	+424200	- 5
Lawton	Oklahoma U.S.A	+ 982500	+343700	- 6
Layton	Utah U.S.A	+1115700	+410400	- 7



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Le Havre	France	+ 05000	+493100	+ 1
Leavenworth	Kansas U.S.A	+ 945600	+391900	- 6
Leeds	England	+ 13300	+534900	+ 0
Leningrad	Russia	- 301900	+595700	+ 3
Lewiston	Idaho U.S.A	+1170200	+462500	- 7
Lewiston	Maine U.S.A	+ 701400	+440700	- 5
Lexington	Kentucky U.S.A	+ 843000	+380400	- 7
Lhasa	Tibet	- 911000	+294200	+ 7
Lihue	Hawaii U.S.A	+1592300	+220000	- 9
Lima	Ohio U.S.A	+ 840700	+404500	- 5
Lima	Peru	+ 765500	-120400	- 6
Lincoln	Nebraska U.S.A	+ 964200	+404900	- 6
Lisbon	Portugal	+ 90500	+384200	+ 1
Little Rock	Arkansas U.S.A	+ 921800	+344500	- 6
Liverpool	England	+ 25200	+532500	+ 0
Livingston	Montana U.S.A	+1103400	+454000	- 7
Livonia	Michigan U.S.A	+ 832200	+422300	- 5
Logan	Utah U.S.A	+1115000	+414500	- 7
London	England	+ 00800	+513000	+ 0
Long Beach	California U.S.A	+1181200	+334600	- 8
Longview	Texas U.S.A	+ 944500	+323000	- 6
Lorain	Ohio U.S.A	+ 821000	+412900	- 5
Los Angeles	California U.S.A	+1181500	+340400	- 8
Louisville	Kentucky U.S.A	+ 854600	+381500	- 7
Lowell	Massachusetts U.S.A	+ 711900	+423900	- 5
Lubbock	Texas U.S.A	+1015100	+333500	- 6
Lynchburg	Virginia U.S.A	+ 790900	+372500	- 5
Lynn	Massachusetts U.S.A	+ 705800	+422800	- 5
Lyon	France	- 45100	+454500	+ 1
Macao	Macao	-1130500	+223600	+ 6
Macon	Georgia U.S.A	+ 833900	+325100	- 5
Madison	South Dakota U.S.A	+ 970700	+440100	- 6
Madison	Wisconsin U.S.A	+ 892400	+430500	- 6
Madrid	Spain	+ 34300	+402600	+ 1
Malden	Massachusetts U.S.A	+ 710500	+422600	- 5
Managua	Nicaragua	+ 861600	+121000	- 6
Manchester	Connecticut U.S.A	+ 723100	+414700	- 5
Manchester	England	+ 21400	+532900	+ 0
Manchester	New Hampshire U.S.A	+ 712700	+430000	- 5
Mandalay	Burma	- 960600	+220100	+ 7
Mandan	North Dakota U.S.A	+1005400	+464900	- 6
Manhattan	Kansas U.S.A	+ 963400	+391100	- 6
Manila	Philippines	-1210000	+143700	+ 9
Mansfield	Ohio U.S.A	+ 823200	+404600	- 5
Marietta	Georgia U.S.A	+ 843400	+335700	- 5
Marseille	France	- 52300	+431800	+ 1
Marshall	Texas U.S.A	+ 942200	+323300	- 6
McAllen	Texas U.S.A	+ 981500	+261300	- 6
Medford	Massachusetts U.S.A	+ 710600	+422500	- 5
Medford	Oregon U.S.A	+1225200	+422000	- 8
Melbourne	Australia	-1450700	-375100	+ 10
Memphis	Tennessee U.S.A	+ 900400	+351000	- 5
Meriden	Connecticut U.S.A	+ 724800	+413200	- 5

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Meridian	Mississippi U.S.A	+ 884200	+322200	- 6
Merrimack	New Hampshire U.S.A	+ 705000	+425000	- 5
Mesa	Arizona U.S.A	+1115000	+332500	- 7
Mesquite	Texas U.S.A	+ 963600	+324600	- 6
Mexico City	Mexico	+ 991000	+192800	- 7
Miami Beach	Florida U.S.A	+ 800800	+254700	- 5
Miami	Florida U.S.A	+ 801100	+254600	- 5
Midland	Texas U.S.A	+1020500	+320000	- 6
Midwest City	Oklahoma U.S.A	+ 972300	+352800	- 6
Milan	Italy	- 91100	+452800	+ 1
Milford	Connecticut U.S.A	+ 730400	+411400	- 5
Milwaukee	Wisconsin U.S.A	+ 875500	+430200	- 6
Minneapolis	Minnesota U.S.A	+ 931600	+445800	- 6
Minnetonka	Minnesota U.S.A	+ 932600	+445600	- 6
Minot	North Dakota U.S.A	+1011800	+481500	- 6
Missoula	Montana U.S.A	+1140100	+465200	- 7
Mitchell	South Dakota U.S.A	+ 980200	+433400	- 6
Mobile	Alabama U.S.A	+ 880300	+304300	- 6
Modesto	California U.S.A	+1210000	+373900	- 8
Moline	Illinois U.S.A	+ 903100	+413100	- 6
Monaco	Monaco	- 74600	+434400	+ 1
Monroe	Louisiana U.S.A	+ 920700	+323000	- 6
Montebello	California U.S.A	+1180700	+340100	- 8
Monterey Park	California U.S.A	+1180800	+340400	- 8
Montevideo	Uruguay	+ 561000	-344900	- 3
Montgomery	Alabama U.S.A	+ 861900	+322300	- 6
Montpelier	Vermont U.S.A	+ 723500	+441600	- 5
Montpellier	France	- 35100	+433800	+ 1
Montreal	Quebec Canada	+ 733500	+453100	+ 5
Moore	Oklahoma U.S.A	+ 972900	+352000	- 6
Morgan City	Louisiana U.S.A	+ 911300	+294200	- 6
Morgantown	West Virginia U.S.A	+ 795600	+393900	- 5
Moscow	Idaho U.S.A	+1170000	+464500	- 7
Moscow	Russia	- 373600	+554500	+ 3
Mount Vernon	New York U.S.A	+ 734900	+405500	- 5
Mountain Brook	Alabama U.S.A	+ 864600	+333000	- 6
Mountain View	California U.S.A	+1220500	+372400	- 8
Muncie	Indiana U.S.A	+ 852300	+401200	- 5
Munich	Germany	- 113400	+480900	+ 1
Murfreesboro	Tennessee U.S.A	+ 862400	+355200	- 5
Murray	Utah U.S.A	+1115400	+404000	- 7
Muskogee	Oklahoma U.S.A	+ 952200	+354500	- 6
Nampa	Idaho U.S.A	+1163400	+433400	- 7
Napa	California U.S.A	+1221800	+381800	- 8
Naples	Italy	- 141100	+403700	+ 1
Nashville	Tennessee U.S.A	+ 864800	+360900	- 5
Natchez	Mississippi U.S.A	+ 912400	+313400	- 6
New Bedford	Massachusetts U.S.A	+ 705600	+413900	- 5
New Britian	Connecticut U.S.A	+ 724600	+414000	- 5
New Castle	Delaware U.S.A	+ 753400	+394000	- 5
New Haven	Connecticut U.S.A	+ 725600	+411800	- 5
New Iberia	Louisiana U.S.A	+ 914900	+300100	- 6
New Orleans	Louisiana U.S.A	+ 900400	+295800	- 6

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New Rochelle	New York U.S.A	+ 734700	+405500	- 5
New York	New York U.S.A	+ 740000	+404500	- 5
Newark	Delaware U.S.A	+ 754600	+394200	- 5
Newark	New Jersey U.S.A	+ 741000	+404500	- 5
Newcastle	England	+ 21400	+530200	+ 0
Newport Beach	California U.S.A	+1175600	+333800	- 8
Newport News	Virginia U.S.A	+ 762500	+365900	- 5
Newport	Kentucky U.S.A	+ 843000	+390500	- 7
Newport	Rhode Island U.S.A	+ 711900	+413000	- 5
Newton	Massachusetts U.S.A	+ 711200	+422100	- 5
Niagara Falls	New York U.S.A	+ 790400	+430600	- 5
Nice	France	- 72000	+434200	+ 1
Nome	Alaska U.S.A	+1652500	+643100	- 9
Norfolk	Nebraska U.S.A	+ 972500	+420200	- 6
Norfolk	Virginia U.S.A	+ 761700	+365200	- 5
Norman	Oklahoma U.S.A	+ 972700	+351300	- 6
North Charleston	South Carolina U.S.	+ 800100	+325300	- 6
North Hollywood	California U.S.A	+1182500	+340900	- 8
North Las Vegas	Nevada U.S.A	+1150700	+361300	- 8
North Little Rock	Arkansas U.S.A	+ 921600	+344600	- 6
North Platte	Nebraska U.S.A	+1004600	+410900	- 6
Norwalk	California U.S.A	+1180500	+335500	- 8
Norwalk	Connecticut U.S.A	+ 732200	+410800	- 5
Nottingham	England	+ 10800	+525800	+ 0
Oak Park	Illinois U.S.A	+ 874700	+415400	- 6
Oak Ridge	Tennessee U.S.A	+ 841600	+360100	- 5
Oakland	California U.S.A	+1221600	+374900	- 8
Oceanside	California U.S.A	+1172400	+331200	- 8
Odessa	Texas U.S.A	+1022400	+315200	- 6
Ogden	Utah U.S.A	+1115900	+411400	- 7
Oklahoma City	Oklahoma U.S.A	+ 973100	+353000	- 6
Olathe	Kansas U.S.A	+ 945000	+385400	- 6
Olympia	Washington U.S.A	+1225800	+470200	- 5
Omaha	Nebraska U.S.A	+ 955700	+411600	- 6
Ontario	California U.S.A	+1173900	+340400	- 8
Opelika	Alabama U.S.A	+ 852400	+323900	- 6
Oran	Algeria	+ 04500	+354600	+ 1
Orange	California U.S.A	+1175100	+334700	- 8
Orem	Utah U.S.A	+1114100	+401900	- 7
Orlando	Florida U.S.A	+ 812300	+283400	- 5
Orleans	France	- 15500	+475500	+ 1
Oshkosh	Wisconsin U.S.A	+ 883400	+440100	- 6
Oslo	Norway	- 104000	+595600	+ 1
Ottawa	Ontario Canada	+ 754000	+452500	+ 5
Owensboro	Kentucky U.S.A	+ 870700	+374700	- 7
Oxnard	California U.S.A	+1191100	+341200	- 8
Pacific Beach	California U.S.A	+1171000	+324400	- 8
Paducah	Kentucky U.S.A	+ 883700	+370500	- 7
Palo Alto	California U.S.A	+1221000	+372700	- 8
Paradise	Nevada U.S.A	+1150700	+360600	- 8
Paris	France	- 21800	+485200	+ 1
Parkersburg	West Virginia U.S.A	+ 813400	+391700	- 5
Parma	Ohio U.S.A	+ 814300	+412400	- 5

## Sheet1

Pasadena	California U.S.A	+1181000	+340900	- 8
Pasadena	Texas U.S.A	+ 951300	+294300	- 6
Pascagoula	Mississippi U.S.A	+ 883300	+302200	- 6
Paterson	New Jersey U.S.A	+ 741100	+405500	- 5
Pawtucket	Rhode Island U.S.A	+ 712300	+415200	- 5
Pensacola	Florida U.S.A	+ 871400	+302500	- 5
Peoria	Illinois U.S.A	+ 893600	+404200	- 6
Perth	Australia	-1160900	-314900	- 8
Phenix City	Alabama U.S.A	+ 850000	+322800	- 6
Philadelphia	Pennsylvania U.S.A	+ 751000	+395800	- 5
Phoenix	Arizona U.S.A	+1120500	+332800	- 7
Picayune	Mississippi U.S.A	+ 894000	+303200	- 6
Pico Rivera	California U.S.A	+1180500	+340000	- 8
Pierre	South Dakota U.S.A	+1002000	+442300	- 6
Pittsburgh	Pennsylvania U.S.A	+ 800100	+402700	- 5
Pittsfield	Massachusetts U.S.A	+ 731600	+422700	- 5
Plano	Texas U.S.A	+ 964100	+330200	- 6
Pocatello	Idaho U.S.A	+1122700	+425300	- 7
Pomona	California U.S.A	+1174500	+340400	- 8
Pompano Beach	Florida U.S.A	+ 800800	+261500	- 5
Pontiac	Michigan U.S.A	+ 831800	+423800	- 5
Port Arthur	Texas U.S.A	+ 935600	+295300	- 6
Port-au-Prince	Haiti	+ 722000	+183600	+ 6
Portland	Maine U.S.A	+ 701500	+433900	- 5
Portland	Oregon U.S.A	+1224100	+453200	- 8
Portsmouth	England	+ 10400	+504500	+ 0
Portsmouth	New Hampshire U.S.A	+ 704500	+430500	- 5
Portsmouth	Virginia U.S.A	+ 761900	+365000	- 5
Prag	Czechoslovakia	- 142500	+500600	+ 2
Prescott	Arizona U.S.A	+1122800	+343300	- 7
Providence	Rhode Island U.S.A	+ 712500	+415000	- 5
Provo	Utah U.S.A	+1113900	+401400	- 7
Pueblo	Colorado U.S.A	+1043700	+381600	- 7
Quebec	Quebec Canada	+ 711100	+465200	+ 5
Quincy	Massachusetts U.S.A	+ 710000	+421500	- 5
Racine	Wisconsin U.S.A	+ 874700	+424400	- 6
Raleigh	North Carolina U.S.A	+ 783900	+354700	- 6
Rancho Palos Verdes	California U.S.A	+1182500	+334600	- 8
Rangoon	Burma	- 960700	+164600	+ 7
Rapid City	South Dakota U.S.A	+1031400	+440500	- 6
Rawlins	Wyoming U.S.A	+1071400	+414800	- 7
Reading	Pennsylvania U.S.A	+ 755600	+402000	- 5
Redondo Beach	California U.S.A	+1182400	+334900	- 8
Redwood City	California U.S.A	+1221500	+372800	- 8
Regina	Saskatchewan Canada	+1043000	+503100	+ 7
Reims	France	- 35800	+491700	+ 1
Rennes	France	+ 10200	+480700	+ 1
Reno	Nevada U.S.A	+1194900	+393200	- 8
Reseda	California U.S.A	+1183300	+341300	- 8
Rexburg	Idaho U.S.A	+1114700	+434900	- 7
Reykjavik	Iceland	+ 214000	+640900	+ 2
Richardson	Texas U.S.A	+ 964400	+325800	- 6
Richmond	California U.S.A	+1222100	+375600	- 8

## Sheet1

Richmond	Virginia U.S.A	+ 772600	+373300	- 5
Rio de Janeiro	Brazil	+ 431100	-235400	+ 3
Riverside	California U.S.A	+1172200	+335900	- 8
Riverton	Wyoming U.S.A	+1082400	+430100	- 7
Riyadh	Saudi Arabia	- 464600	+243100	+ 3
Roanoke	Virginia U.S.A	+ 795600	+371700	- 5
Rochester	Minnesota U.S.A	+ 922800	+440100	- 6
Rochester	New Hampshire U.S.A	+ 705800	+431900	- 5
Rochester	New York U.S.A	+ 773600	+431000	- 5
Rock Hill	South Carolina U.S.A	+ 810200	+345500	- 6
Rock Springs	Wyoming U.S.A	+1091300	+413500	- 7
Rockford	Illinois U.S.A	+ 890500	+421700	- 6
Rockville	Maryland U.S.A	+ 770900	+390500	- 5
Rome	Italy	- 123600	+415200	+ 1
Roseville	Michigan U.S.A	+ 825600	+423000	- 5
Roswell	New Mexico U.S.A	+1043300	+332400	- 7
Rotterdam	The Netherlands	- 42600	+515500	+ 1
Rouen	France	- 10400	+492500	+ 1
Royal Oak	Michigan U.S.A	+ 831000	+423100	- 5
Ruston	Louisiana U.S.A	+ 923900	+323200	- 6
Rutland	Vermont U.S.A	+ 725900	+433700	- 5
Saco	Maine U.S.A	+ 702600	+433100	- 5
Sacramento	California U.S.A	+1213000	+383500	- 8
Saginaw	Michigan U.S.A	+ 835500	+432700	- 5
Salem	New Hampshire U.S.A	+ 711500	+424200	- 5
Salem	Oregon U.S.A	+1230300	+445700	- 8
Salina	Kansas U.S.A	+ 973700	+385000	- 6
Salinas	California U.S.A	+1213900	+364000	- 8
Salt Lake City	Utah U.S.A	+1115300	+404600	- 7
San Angelo	Texas U.S.A	+1002600	+312700	- 6
San Antonio	Texas U.S.A	+ 982900	+292500	- 6
San Bernardino	California U.S.A	+1171800	+340600	- 8
San Diego	California U.S.A	+1171000	+324300	- 8
San Francisco	California U.S.A	+1222500	+374700	- 8
San Jose	California U.S.A	+1215400	+372000	- 8
San Jose	Costa Rica	+ 840500	+ 95700	+ 7
San Leandro	California U.S.A	+1220900	+374500	- 8
San Mateo	California U.S.A	+1222000	+373500	- 8
San Pedro	California U.S.A	+1223200	+373500	- 8
Sanford	Maine U.S.A	+ 704700	+432700	- 5
Santa Ana	California U.S.A	+1175300	+334500	- 8
Santa Barbara	California U.S.A	+1194300	+342500	- 8
Santa Clara	California U.S.A	+1215700	+372100	- 8
Santa Fe	New Mexico U.S.A	+1055600	+354200	- 7
Santa Monica	California U.S.A	+1183000	+340100	- 8
Santa Rosa	California U.S.A	+1224300	+382700	- 8
Santiago	Chile	+ 704000	-332500	- 6
Sao Paulo	Brazil	+ 463900	-243200	- 3
Sarasota	Florida U.S.A	+ 823300	+272100	- 5
Savannah	Georgia U.S.A	+ 810500	+320500	- 5
Schaumburg	Illinois U.S.A	+ 880500	+420200	- 6
Schenectady	New York U.S.A	+ 735600	+424800	- 5
Scottsdale	Arizona U.S.A	+1115600	+333000	- 7

## Sheet1

Scranton	Pennsylvania U.S.A	+ 754000	+412500	- 5
Seabrook	Texas U.S.A	+ 950100	+293500	- 6
Seaford	Delaware U.S.A	+ 753700	+383900	- 5
Seattle	Washington U.S.A	+1222000	+473700	- 5
Selma	Alabama U.S.A	+ 870100	+322600	- 6
Seoul	South Korea	-1270200	+373500	- 6
Shanghai	China	-1214500	+313100	+ 9
Shawnee	Kansas U.S.A	+ 944400	+390100	- 6
Sheboygan	Wisconsin U.S.A	+ 874600	+434600	- 6
Sheffield	England	+ 12800	+532400	+ 0
Shelby	Ohio U.S.A	+ 824000	+405300	- 5
Sheridan	Wyoming U.S.A	+1065800	+444900	- 7
Shreveport	Louisiana U.S.A	+ 934600	+323100	- 6
Simi Valley	California U.S.A	+1184600	+341600	- 8
Sioux City	Iowa U.S.A	+ 962500	+423100	- 6
Sioux Falls	South Dakota U.S.A	+ 964400	+433200	- 6
Skokie	Illinois U.S.A	+ 874500	+420300	- 6
Slidell	Louisiana U.S.A	+ 894800	+301700	- 6
Smyrna	Delaware U.S.A	+ 753700	+391800	- 5
Sofia	Bulgaria	- 231900	+424300	+ 1
Somerville	Massachusetts U.S.A	+ 710700	+422400	- 5
South Bend	Indiana U.S.A	+ 861500	+414100	- 5
South Gate	California U.S.A	+1181300	+335800	- 8
South Portland	Maine U.S.A	+ 701600	+433800	- 5
Southampton	England	+ 13100	+505500	+ 0
Southfield	Michigan U.S.A	+ 831600	+422800	- 5
Sparks	Nevada U.S.A	+1194500	+393200	- 8
Spartanburg	South Carolina U.S.	+ 815600	+345800	- 6
Spenard	Alaska U.S.A	+1495500	+611200	- 9
Spokane	Washington U.S.A	+1172600	+474000	- 5
Springfield	Illinois U.S.A	+ 894000	+394900	- 6
Springfield	Massachusetts U.S.A	+ 723500	+420700	- 5
Springfield	Missouri U.S.A	+ 931800	+371300	- 6
Springfield	Ohio U.S.A	+ 834900	+395600	- 5
Springfield	Oregon U.S.A	+1230100	+440400	- 8
St. Nazaire	France	+ 21300	+471900	+ 1
St. Charles	Missouri U.S.A	+ 903000	+384800	- 6
St. Clair Shores	Michigan U.S.A	+ 825400	+423000	- 5
St. Cloud	Minnesota U.S.A	+ 941000	+453400	- 6
St. Joseph	Missouri U.S.A	+ 945100	+394600	- 6
St. Louis Park	Minnesota U.S.A	+ 932200	+445700	- 6
St. Louis	Missouri U.S.A	+ 901300	+383800	- 6
St. Paul	Minnesota U.S.A	+ 930500	+445800	- 6
St. Petersburg	Florida U.S.A	+ 823900	+274600	- 5
Stamford	Connecticut U.S.A	+ 733300	+410300	- 5
Stanley	Falkland Islands	+ 575900	-514400	- 4
Staten Island	New York U.S.A	+ 741000	+403500	- 5
Sterling Heights	Michigan U.S.A	+ 830100	+423500	- 5
Steubenville	Ohio U.S.A	+ 803800	+402200	- 5
Stockholm	Sweden	- 175800	+592400	+ 1
Stockton	California U.S.A	+1211800	+375800	- 8
Stratford	Connecticut U.S.A	+ 730900	+411200	- 5
Stuttgart	Germany	- 91300	+484900	+ 1

## Sheet1

Suffolk	Virginia U.S.A	+ 763500	+364400	- 5
Sumter	South Carolina U.S.A	+ 802000	+335500	- 6
Sunnyvale	California U.S.A	+1220200	+372400	- 8
Superior	Wisconsin U.S.A	+ 920600	+464300	- 6
Sydney	Australia	-1511600	-335300	+ 10
Syracuse	New York U.S.A	+ 761000	+430200	- 5
Tacoma	Washington U.S.A	+1222700	+471600	- 5
Taipei	Taiwan	-1213700	+250200	+ 9
Tallahassee	Florida U.S.A	+ 841700	+302700	- 5
Tampa	Florida U.S.A	+ 822700	+275700	- 5
Tangier	Morocco	+ 55500	+355300	+ 0
Taylor	Michigan U.S.A	+ 831600	+421500	- 5
Tehran	Iran	- 512900	+354500	+ 4
Tempe	Arizona U.S.A	+1115600	+332500	- 7
Terre Haute	Indiana U.S.A	+ 872500	+392800	- 5
Texarkana	Arkansas U.S.A	+ 940300	+332700	- 6
Texarkana	Texas U.S.A	+ 940300	+332700	- 6
Thibodaux	Louisiana U.S.A	+ 904800	+294800	- 6
Thornton	Colorado U.S.A	+1045800	+395200	- 7
Thousand Oaks	California U.S.A	+1185100	+341000	- 8
Tokyo	Japan	-1394300	+354200	+ 10
Toledo	Ohio U.S.A	+ 833300	+414000	- 5
Topeka	Kansas U.S.A	+ 954100	+390400	- 6
Toronto	Ontario	+ 791900	+434000	- 5
Torrance	California U.S.A	+1181900	+335000	- 8
Toulouse	France	- 12600	+433700	+ 1
Tours	France	+ 37000	+472300	+ 1
Trenton	New Jersey U.S.A	+ 744600	+401400	- 5
Tripoli	Libia	- 131100	+325000	+ 1
Troy	Michigan U.S.A	+ 830900	+423700	- 5
Troy	New York U.S.A	+ 734100	+424500	- 5
Tucson	Arizona U.S.A	+1105900	+321400	- 7
Tulsa	Oklahoma U.S.A	+ 960000	+361000	- 6
Tuscaloosa	Alabama U.S.A	+ 873400	+331300	- 6
Twin Falls	Idaho U.S.A	+1142800	+423300	- 7
Tyler	Texas U.S.A	+ 951800	+322200	- 6
Union City	New Jersey U.S.A	+ 740300	+404600	- 5
University City	Missouri U.S.A	+ 902000	+384000	- 6
Urbana	Illinois U.S.A	+ 881200	+400700	- 6
Utica	New York U.S.A	+ 751300	+430600	- 5
Valdosta	Georgia U.S.A	+ 831700	+305100	- 5
Vallejo	California U.S.A	+1221500	+380700	- 8
Valletta	Malta	- 142700	+355000	+ 1
Valparaiso	Chile	+ 713200	-330100	- 5
Van Nuys	California U.S.A	+1182200	+341100	- 8
Vancouver	British Columbia	+1230500	+491600	- 9
Vancouver	Washington U.S.A	+1224000	+453800	- 5
Venice	California U.S.A	+1182600	+335400	- 8
Venice	Italy	- 121800	+452500	+ 1
Ventura	California U.S.A	+1191900	+341800	- 8
Vermillion	South Dakota U.S.A	+ 965600	+424700	- 6
Vicksburg	Mississippi U.S.A	+ 905300	+322100	- 6
Victoria	Texas U.S.A	+ 970000	+284900	- 6

Sheet1

Vienna	Austria	- 162100	+481300	+ 1
Vineland	New Jersey U.S.A	+ 750200	+393000	- 5
Virginia Beach	Virginia U.S.A	+ 755800	+365200	- 5
Visalia	California U.S.A	+1191800	+362100	- 8
Waco	Texas U.S.A	+ 970800	+313400	- 6
Wahiawa	Hawaii U.S.A	+1580300	+213000	- 9
Walla Walla	Washington U.S.A	+1182100	+460500	- 5
Walnut Creek	California U.S.A	+1220300	+375500	- 8
Waltham	Massachusetts U.S.A	+ 711500	+422200	- 5
Warner Robins	Georgia U.S.A	+ 833700	+323700	- 5
Warren	Michigan U.S.A	+ 830300	+423100	- 5
Warren	Ohio U.S.A	+ 804900	+411500	- 5
Warsaw	Poland	- 210400	+523500	+ 1
Warwick	Rhode Island U.S.A	+ 712800	+414200	- 5
Washington	District of Columbia U.S.A	+ 770000	+385400	- 5
Waterbury	Connecticut U.S.A	+ 730200	+413300	- 5
Waterloo	Iowa U.S.A	+ 922000	+423000	- 6
Watertown	South Dakota U.S.A	+ 970800	+445500	- 6
Waukegan	Illinois U.S.A	+ 875100	+422200	- 6
Waukesha	Wisconsin U.S.A	+ 881500	+430100	- 6
Wauwatasa	Wisconsin U.S.A	+ 880100	+430200	- 6
Weirton	West Virginia U.S.A	+ 803600	+402500	- 5
Wellington	New Zealand	-1744400	-411400	+ 12
West Allis	Wisconsin U.S.A	+ 880100	+430100	- 6
West Covina	California U.S.A	+1175400	+340500	- 8
West Fargo	North Dakota U.S.A	+ 965500	+465200	- 6
West Hartford	Connecticut U.S.A	+ 724400	+414500	- 5
West Haven	Connecticut U.S.A	+ 725800	+411700	- 5
West Memphis	Arkansas U.S.A	+ 901000	+351000	- 6
West Palm Beach	Florida U.S.A	+ 800300	+264300	- 5
West Warwick	Rhode Island U.S.A	+ 713200	+414200	- 5
Westbrook	Maine U.S.A	+ 702200	+434200	- 5
Westland	Michigan U.S.A	+ 832300	+421900	- 5
Westminster	California U.S.A	+1180100	+334700	- 8
Westminster	Colorado U.S.A	+1050300	+395000	- 7
Weymouth	Massachusetts U.S.A	+ 705800	+421300	- 5
Wheeling	West Virginia U.S.A	+ 804400	+400500	- 5
White Plains	New York U.S.A	+ 734600	+410300	- 5
Whittier	California U.S.A	+1180400	+335800	- 8
Wichita Falls	Texas U.S.A	+ 982900	+335400	- 6
Wichita	Kansas U.S.A	+ 972000	+374200	- 6
Wilkes-Barre	Pennsylvania U.S.A	+ 755400	+411500	- 5
Williston	North Dakota U.S.A	+1033800	+481000	- 6
Wilmington	Delaware U.S.A	+ 753300	+394500	- 5
Wilmington	North Carolina U.S.A	+ 775600	+341400	- 6
Winston-Salem	North Carolina U.S.A	+ 801500	+360600	- 6
Worcester	Massachusetts U.S.A	+ 714800	+421700	- 5
Wyoming	Michigan U.S.A	+ 854300	+425400	- 5
Yakima	Washington U.S.A	+1203100	+463600	- 5
Yankton	South Dakota U.S.A	+ 972400	+425200	- 6
Yonkers	New York U.S.A	+ 735400	+405500	- 5
York	Pennsylvania U.S.A	+ 764300	+395800	- 5
Youngstown	Ohio U.S.A	+ 803900	+410700	- 5



Sheet1

Yuma	Arizona U.S.A	+1143900	+324300	- 7
Zanesville	Ohio U.S.A	+ 820000	+395700	- 5
Zurich	Switzerland	- 83100	+472200	+ 1
Wald	Switzerland	- 85501	+471630	+ 1

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