

LatD	LatM	LatS	NS	LonD	LonM
41	5	59 N		80	39
42	52	48 N		97	23
46	35	59 N		120	30
42	16	12 N		71	48
43	37	48 N		89	46
36	5	59 N		80	15
49	52	48 N		97	9
39	11	23 N		78	9
34	14	24 N		77	55
39	45	0 N		75	33
48	9	0 N		103	37
41	15	0 N		77	0
37	40	48 N		82	16
33	54	0 N		98	29
37	41	23 N		97	20
40	4	11 N		80	43
26	43	11 N		80	3
47	25	11 N		120	19
41	25	11 N		122	23
31	13	11 N		82	20
44	57	35 N		89	38
42	21	36 N		87	49
44	54	0 N		97	6
43	58	47 N		75	55
42	30	0 N		92	20
41	32	59 N		73	3
38	53	23 N		77	1
41	50	59 N		79	8
46	4	11 N		118	19
31	32	59 N		97	8
38	40	48 N		87	31
28	48	35 N		97	0
32	20	59 N		90	52
49	16	12 N		123	7
46	55	11 N		98	0
30	49	47 N		83	16
43	6	36 N		75	13
39	54	0 N		79	43
32	20	59 N		95	18
42	33	36 N		114	28
33	12	35 N		87	34
34	15	35 N		88	42
36	9	35 N		95	54
32	13	12 N		110	58
37	10	11 N		104	30

LonS	EW	City	State
0	W	Youngstown	OH
23	W	Yankton	SD
36	W	Yakima	WA
0	W	Worcester	MA
11	W	Wisconsin Dells	WI
0	W	Winston-Salem	NC
0	W	Winnipeg	MB
36	W	Winchester	VA
11	W	Wilmington	NC
0	W	Wilmington	DE
12	W	Williston	ND
0	W	Williamsport	PA
47	W	Williamson	WV
23	W	Wichita Falls	TX
23	W	Wichita	KS
12	W	Wheeling	WV
0	W	West Palm Beach	FL
11	W	Wenatchee	WA
23	W	Weed	CA
59	W	Waycross	GA
23	W	Wausau	WI
48	W	Waukegan	IL
36	W	Watertown	SD
11	W	Watertown	NY
23	W	Waterloo	IA
0	W	Waterbury	CT
47	W	Washington	DC
23	W	Warren	PA
48	W	Walla Walla	WA
23	W	Waco	TX
47	W	Vincennes	IN
36	W	Victoria	TX
47	W	Vicksburg	MS
12	W	Vancouver	BC
36	W	Valley City	ND
47	W	Valdosta	GA
48	W	Utica	NY
48	W	Uniontown	PA
0	W	Tyler	TX
12	W	Twin Falls	ID
11	W	Tuscaloosa	AL
35	W	Tupelo	MS
36	W	Tulsa	OK
12	W	Tucson	AZ
36	W	Trinidad	CO

40	13	47 N	74	46
44	45	35 N	85	37
43	39	0 N	79	22
39	2	59 N	95	40
41	39	0 N	83	32
33	25	48 N	94	3
39	28	12 N	87	24
27	57	0 N	82	26
30	27	0 N	84	16
47	14	24 N	122	25
43	2	59 N	76	9
32	35	59 N	82	20
33	55	11 N	80	20
40	59	24 N	75	11
37	57	35 N	121	17
44	31	12 N	89	34
40	21	36 N	80	37
40	37	11 N	103	13
38	9	0 N	79	4
39	55	11 N	83	48
37	13	12 N	93	17
42	5	59 N	72	35
39	47	59 N	89	39
47	40	11 N	117	24
41	40	48 N	86	15
43	32	24 N	96	43
42	29	24 N	96	23
32	30	35 N	93	45
33	38	23 N	96	36
44	47	59 N	106	57
35	13	47 N	96	40
32	25	11 N	87	1
38	42	35 N	93	13
47	35	59 N	122	19
41	24	35 N	75	40
41	52	11 N	103	39
42	49	11 N	73	56
32	4	48 N	81	5
46	29	24 N	84	20
27	20	24 N	82	31
38	26	23 N	122	43
35	40	48 N	105	56
34	25	11 N	119	41
33	45	35 N	117	52
37	20	24 N	121	52
37	46	47 N	122	25

11	W	Trenton	NJ
47	W	Traverse City	MI
47	W	Toronto	ON
11	W	Topeka	KS
24	W	Toledo	OH
0	W	Texarkana	TX
36	W	Terre Haute	IN
59	W	Tampa	FL
47	W	Tallahassee	FL
48	W	Tacoma	WA
0	W	Syracuse	NY
23	W	Swainsboro	GA
59	W	Sumter	SC
24	W	Stroudsburg	PA
24	W	Stockton	CA
11	W	Stevens Point	WI
12	W	Steubenville	OH
12	W	Sterling	CO
11	W	Staunton	VA
35	W	Springfield	OH
24	W	Springfield	MO
23	W	Springfield	MA
0	W	Springfield	IL
36	W	Spokane	WA
0	W	South Bend	IN
48	W	Sioux Falls	SD
23	W	Sioux City	IA
0	W	Shreveport	LA
36	W	Sherman	TX
35	W	Sheridan	WY
48	W	Seminole	OK
11	W	Selma	AL
48	W	Sedalia	MO
48	W	Seattle	WA
11	W	Scranton	PA
36	W	Scottsbluff	NB
59	W	Schenectady	NY
23	W	Savannah	GA
59	W	Sault Sainte Mar	MI
47	W	Sarasota	FL
12	W	Santa Rosa	CA
59	W	Santa Fe	NM
59	W	Santa Barbara	CA
12	W	Santa Ana	CA
47	W	San Jose	CA
11	W	San Francisco	CA

41	27	0 N	82	42
32	42	35 N	117	9
34	6	36 N	117	18
29	25	12 N	98	30
31	27	35 N	100	26
40	45	35 N	111	52
38	22	11 N	75	35
36	40	11 N	121	39
38	50	24 N	97	36
38	31	47 N	106	0
44	56	23 N	123	1
44	57	0 N	93	5
38	37	11 N	90	11
39	46	12 N	94	50
42	5	59 N	86	28
44	25	11 N	72	1
45	34	11 N	94	10
29	53	23 N	81	19
43	25	48 N	83	56
38	35	24 N	121	29
43	36	36 N	72	58
33	24	0 N	104	31
35	56	23 N	77	48
41	35	24 N	109	13
42	16	12 N	89	5
43	9	35 N	77	36
44	1	12 N	92	27
37	16	12 N	79	56
37	32	24 N	77	26
39	49	48 N	84	53
38	46	12 N	112	5
45	38	23 N	89	25
39	31	12 N	119	48
50	25	11 N	104	39
40	10	48 N	122	14
40	19	48 N	75	55
41	9	35 N	81	14

35	W	Sandusky	OH
0	W	San Diego	CA
35	W	San Bernardino	CA
0	W	San Antonio	TX
24	W	San Angelo	TX
47	W	Salt Lake City	UT
59	W	Salisbury	MD
0	W	Salinas	CA
36	W	Salina	KS
0	W	Salida	CO
47	W	Salem	OR
59	W	Saint Paul	MN
24	W	Saint Louis	MO
23	W	Saint Joseph	MO
48	W	Saint Joseph	MI
11	W	Saint Johnsbury	VT
11	W	Saint Cloud	MN
11	W	Saint Augustine	FL
24	W	Saginaw	MI
23	W	Sacramento	CA
12	W	Rutland	VT
47	W	Roswell	NM
0	W	Rocky Mount	NC
48	W	Rock Springs	WY
59	W	Rockford	IL
36	W	Rochester	NY
35	W	Rochester	MN
24	W	Roanoke	VA
59	W	Richmond	VA
23	W	Richmond	IN
23	W	Richfield	UT
11	W	Rhinelander	WI
35	W	Reno	NV
0	W	Regina	SA
23	W	Red Bluff	CA
48	W	Reading	PA
23	W	Ravenna	OH