

Station Locations and 30-year Normals

Weather Bureau Army Navy (WBAN) number, station location (City and State), geographic coordinates (latitude and longitude) and elevation (m M.S.L.) of the 237 meteorological stations used to create a coordinated climatological dataset for AgDisp, PRZM, and EXAMS. Primary SAMSON (Solar and Meteorological Surface Observation Network) stations (those with measured solar radiation data for at least one year) are in bold type. Annual air temperature and precipitation normals from [1]. LRR is Land Resource Region, MLRA is Major Land Resource Area [2]. Stations in *italic* lack hourly precipitation data; all stations include total daily precipitation.

WBAN	Station	State	LRR	MLRA	Lat.	Long.	Elev. (m)	30-y Station Normals & Means				Available Data
								T °C	R.H. %	Wind m/s	Precip mm	
26451	Anchorage	AK	W	170	61.17	-150.02	35	2.2	71	3.1	404	1961-1990
25308	Annette	AK	W	168	55.03	-131.57	33	7.7	79	4.2	2623	1961-1990
27502	<i>Barrow</i>	AK	Y	182	71.30	-156.78	9	-12.6	81	5.4	114	1961-1990
26615	<i>Bethel</i>	AK	Y	178	60.78	-161.80	38	-1.7	79	5.7	381	1961-1990
26533	<i>Bettles</i>	AK	X	174	66.92	-151.52	196	-5.6	69	3.0	349	1961-1990
26415	<i>Big Delta</i>	AK	X	174	64.00	-145.73	386	-2.3	66	4.1	304	1961-1990
25624	Cold Bay	AK	W	171	55.20	-162.72	29	3.5	84	7.6	914	1961-1990
26411	Fairbanks	AK	X	174	64.82	-147.87	133	-2.8	65	2.5	276	1961-1990
26425	<i>Gulkana</i>	AK	X	172	62.15	-145.45	478	-2.7	69	2.8	276	1961-1990
25503	King Salmon	AK	Y	178	58.68	-156.65	15	0.8	76	4.8	503	1961-1990
25501	Kodiak	AK	W	171	57.75	-152.50	5	4.9	77	4.7	1717	1961-1990
26616	<i>Kotzebue</i>	AK	Y	177	66.87	-162.63	3	-5.8	77	5.7	228	1961-1990
26510	McGrath	AK	X	174	62.97	-155.62	105	-3.6	70	2.5	405	1961-1990
26617	<i>Nome</i>	AK	Y	177	64.50	-165.43	4	-3.2	74	4.8	378	1961-1990
25713	St. Paul Island	AK	Y	179	57.15	-170.22	7	1.5	86	7.5	592	1961-1990
26528	<i>Talkeetna</i>	AK	W	170	62.30	-150.10	105	0.6	74	2.5	742	1961-1990
25339	Yakutat	AK	W	169	59.52	-139.67	8	3.9	85	3.1	3842	1961-1990
13876	Birmingham	AL	N	128	33.57	-86.75	189	16.6	70	3.1	1386	1961-1990
03856	Huntsville	AL	N	128	34.65	-86.77	190	15.7	70	3.6	1452	1961-1990
13894	Mobile	AL	P	133A	30.68	-88.25	64	19.7	73	3.9	1623	1961-1990
13895	Montgomery	AL	P	135	32.30	-86.40	67	18.3	71	3.0	1357	1961-1990
13964	Fort Smith	AR	N	118	35.33	-94.37	137	15.9	69	3.4	1039	1961-1990
13963	Little Rock	AR	P	133B	34.73	-92.23	78	16.6	70	3.3	1292	1961-1990
03103	Flagstaff	AZ	D	39	35.13	-111.67	2135	7.7	53	2.7	579	1961-1990
23183	Phoenix	AZ	D	40	33.43	-112.02	337	22.6	37	3.0	195	1961-1990
23160	Tucson	AZ	D	40	32.13	-110.93	788	20.2	38	3.9	305	1961-1990

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								T °C	R.H. %	Wind m/s	Precip mm	
24283/ 24213	<i>Arcata/ Eureka</i>	CA	A	4	40.98	-124.10	62	10.8	84	2.9	953	1961-1990
23155	Bakersfield	CA	C	17	35.42	-119.05	151	18.6	53	3.0	145	1961-1990
23161	Daggett	CA	D	30	34.87	-116.78	586	19.8	35	5.1	100	1961-1990
93193	Fresno	CA	C	17	36.78	-119.72	102	17.4	60	2.9	269	1961-1990
23129	Long Beach	CA	C	19	33.82	-118.15	8	17.9	67	2.9	300	1961-1990
23174	Los Angeles	CA	C	19	33.93	-118.40	30	17.2	71	3.5	305	1961-1990
23232	Sacramento	CA	C	17	38.52	-121.50	6	16.0	66	3.2	445	1961-1990
23188	San Diego	CA	C	19	32.73	-117.17	4	17.9	69	3.3	251	1961-1990
23234	San Francisco	CA	C	14	37.62	-122.38	2	13.9	74	4.9	500	1961-1990
23273	Santa Maria	CA	C	15	34.90	-120.45	77	14.1	75	3.2	314	1961-1990
23061	Alamosa	CO	E	51	37.45	-105.87	2298	5.1	58	3.8	192	1961-1990
94018/ 23062	Boulder /Denver (Stapleton Int'l Airp)	CO CO	E G	49 67	40.02 39.77	-105.25 -104.87	1634 1611					1961-1990 391
93037	Colorado Springs	CO	E	49	38.82	-104.72	1873	9.2	50	4.3	412	1961-1990
23063	Eagle	CO	E	48A	39.65	-106.92	1980	6.2	61	2.4	271	1961-1988
23066	Grand Junction	CO	D	34	39.12	-108.53	1476	11.7	47	3.5	219	1961-1990
93058	Pueblo	CO	G	69	38.28	-104.50	1428	11.5	52	4.2	284	1961-1990
94702	Bridgeport	CT	R	144A	41.17	-73.13	3	10.9	70	5.5	1058	1961-1990
14740	Hartford	CT	R	145	41.93	-72.68	49	9.9	66	3.7	1121	1961-1990
13781	Wilmington	DE	S	149A	39.67	-75.60	23	12.3	68	4.2	1037	1961-1990
12834	Daytona Beach	FL	U	155	29.18	-81.05	9	21.3	75	3.7	1216	1961-1990
13889	Jacksonville	FL	T	153A	30.50	-81.70	9	20.0	76	3.4	1304	1961-1990
12836	Key West	FL	U	156A	24.55	-81.75	1	25.4	74	5.0	1006	1961-1990
12839	Miami	FL	U	156A	25.80	-80.30	4	24.4	73	4.2	1420	1961-1990
93805/ 12832	Tallahassee/ Apalachicola	FL FL	P T	133A 152A	30.38 29.73	-84.37 -85.03	17 6	19.6 20.1	75	2.8	1669 1396	1961-1990
12842	Tampa	FL	U	155	27.97	-82.53	6	22.4	74	3.8	1116	1961-1990
12844	West Palm Beach	FL	U	155	26.68	-80.12	6	23.7	73	4.4	1543	1961-1990
13873	Athens	GA	P	136	33.95	-83.32	244	16.5	70	3.3	1263	1961-1990
13874	Atlanta	GA	P	136	33.65	-84.43	308	16.3	68	3.9	1290	1961-1990
03820	Augusta	GA	P	133A	33.37	-81.97	45	17.3	71	2.9	1134	1961-1990

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								T °C	R.H. %	Wind m/s	Precip mm	
93842	Columbus	GA	P	137	32.52	-84.95	137	18.3	71	3.0	1295	1961-1990
03813	Macon	GA	P	137	32.70	-83.65	108	18.0	71	3.2	1134	1961-1990
03822	Savannah	GA	T	153A	32.13	-81.20	14	19.1	72	3.5	1250	1961-1990
21504	Hilo	HI	V	161	19.72	-155.07	8	23.3	79	3.4	3281	1961-1990
22521	Honolulu	HI	V	163	21.33	-157.92	2	25.1	68	4.9	559	1961-1990
22516	Kahului	HI	V	158	20.90	-156.43	15	24.2	71	6.1	531	1961-1990
22536	Lihue	HI	V	158	21.98	-159.35	31	24.2	75	5.8	1092	1961-1990
14933	Des Moines	IA	M	108	41.53	-93.65	286	9.9	68	4.7	841	1961-1990
14940	<i>Mason City</i>	IA	M	104	43.15	-93.30	364	7.3	73	5.1	832	1961-1990
14943	Sioux City	IA	M	107	42.40	-96.38	334	9.2	69	5.0	657	1961-1990
94910	Waterloo	IA	M	104	42.55	-92.40	265	8.1	72	4.7	856	1961-1990
24131	Boise	ID	B	11	43.57	-116.22	865	10.5	55	3.7	308	1961-1990
24156	Pocatello	ID	B	11B	42.92	-112.60	1358	8.0	58	4.5	308	1961-1990
94846	Chicago O'Hare AP	IL	M	110	42.00	-87.88	201	9.4	70	4.6	910	1961-1990
14923	Moline	IL	M	108	41.45	-90.50	177	9.8	69	4.5	993	1961-1990
14842	Peoria	IL	M	115	40.67	-89.68	198	10.4	71	4.3	921	1961-1990
94822	Rockford	IL	L	95B	42.20	-89.10	221	8.7	72	4.5	922	1961-1990
93822	Springfield	IL	M	115	39.85	-89.68	179	11.3	71	4.8	895	1961-1990
93817	Evansville	IN	M	115	38.05	-87.53	116	13.2	70	3.4	1096	1961-1990
14827	Fort Wayne	IN	M	111	41.00	-85.20	241	9.9	72	4.5	883	1961-1990
93819	Indianapolis	IN	M	111	39.73	-86.27	241	11.3	72	4.1	1014	1961-1990
14848	South Bend	IN	L	98	41.70	-86.32	236	9.7	72	4.5	994	1961-1990
13985	Dodge City	KS	H	73	37.77	-99.97	787	12.9	61	6.0	546	1961-1990
23065	Goodland	KS	H	72	39.37	-101.70	1111	10.5	62	5.7	462	1961-1990
13996	Topeka	KS	M	106	39.07	-95.63	267	12.2	69	4.3	895	1961-1990
03928	Wichita	KS	H	80A	37.65	-97.43	406	13.4	66	5.4	745	1961-1990
93814	Covington (Cincinnati)	KY	N	121	39.05	-84.67	265	11.8	70	4.0	1050	1961-1990
93820	Lexington	KY	N	121	38.03	-84.60	294	12.7	70	3.8	1132	1961-1990
93821	Louisville	KY	N	121	38.18	-85.73	145	13.4	69	3.7	1128	1961-1990
13970	Baton Rouge	LA	P	134	30.53	-91.13	20	19.8	74	3.3	1547	1961-1990
03937	Lake Charles	LA	T	150A	30.12	-93.22	3	19.9	78	3.8	1393	1961-1990

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								T °C	R.H. %	Wind m/s	Precip mm	
12916	New Orleans	LA	O	131	29.98	-90.25	3	20.1	76	3.5	1572	1961-1990
13957	Shreveport	LA	O	131	32.47	-93.82	77	18.4	72	3.6	1171	1961-1990
14739	Boston	MA	R	144A	42.37	-71.03	6	10.7	67	5.6	1054	1961-1990
94746	Worcester	MA	R	144A	42.27	-71.87	300	8.2	68	4.2	1213	1961-1990
93721	Baltimore	MD	S	149A	39.18	-76.67	47	12.8	66	3.9	1035	1961-1990
14607	Caribou	ME	R	146	46.87	-68.02	190	3.8	73	4.6	930	1961-1990
14764	Portland	ME	R	144B	43.65	-70.32	14	7.4	71	3.9	1126	1961-1990
94849	Alpena	MI	K	94A	45.07	-83.57	210	6.0	73	3.8	732	1961-1990
94847	Detroit Metro AP	MI	L	99	42.23	-83.33	193	9.2	71	4.6	829	1961-1990
14826	Flint	MI	L	98	42.97	-83.75	235	8.4	72	4.4	769	1961-1990
94860	Grand Rapids	MI	L	98	42.88	-85.52	239	8.4	72	4.4	615	1961-1990
94814	Houghton Lake	MI	K	94A	44.37	-84.68	350	6.2	75	4.0	718	1965-1990
14836	Lansing	MI	L	98	42.77	-84.60	256	8.2	74	4.5	778	1961-1990
14840	Muskegon	MI	L	98	43.17	-86.25	190	8.4	73	4.8	827	1961-1990
14847	Sault Ste. Marie	MI	K	94B	46.47	-84.35	219	4.3	77	3.9	869	1961-1990
14850	<i>Traverse City</i>	MI	L	96	44.73	-85.58	188	7.1	72	3.9	756	1961-1990
14913	Duluth	MN	K	93	46.83	-92.18	435	3.6	71	4.7	762	1961-1990
14918	International Falls	MN	K	88	48.57	-93.38	359	2.7	71	3.9	619	1961-1990
14922	Minneapolis/St. Paul	MN	K	91	44.88	-93.22	254	7.2	67	4.6	719	1961-1990
14925	Rochester	MN	M	104	43.92	-92.50	395	6.4	74	5.9	753	1961-1990
14926	Saint Cloud	MN	K	91	45.55	-94.07	313	5.3	70	4.1	697	1961-1990
03945	Columbia	MO	M	113	38.82	-92.22	271	12.2	69	4.5	992	1970-1990
03947	Kansas City	MO	M	107	39.32	-94.72	297	12.0	67	4.6	956	1973-1990
13995	Springfield	MO	N	116B	37.23	-93.38	386	13.2	69	4.4	1093	1961-1990
13994	St. Louis	MO	M	115	38.75	-90.37	173	13.4	70	4.4	953	1961-1990
03940	Jackson	MS	P	134	32.32	-90.08	101	17.9	75	3.3	1406	1961-1990
13865	Meridian	MS	P	133A	32.33	-88.75	88	17.8	74	2.7	1440	1961-1990
24033	Billings	MT	G	58A	45.80	-108.53	1087	8.4	54	5.0	383	1961-1990
24137	Cut Bank	MT	E	46	48.60	-112.37	1170	5.1	59	5.5	299	1961-1988
94008	Glasgow	MT	F	52	48.22	-106.62	696	5.8	62	4.8	278	1961-1990
24143	Great Falls	MT	F	52	47.48	-111.37	1116	7.1	55	5.4	386	1961-1990

WBAN	Station	State	LRR	MLRA	Lat.	Long.	Elev. (m)	30-y Station Normals & Means				Available Data
								T °C	R.H. %	Wind m/s	Precip mm	
24144	Helena	MT	E	44	46.60	-112.00	1167	6.7	58	3.4	295	1961-1990
24146	Kalispell	MT	E	44	48.30	-114.27	904	5.8	68	2.9	419	1961-1990
24036	Lewistown	MT	E	46	47.05	-109.45	1263	5.8	63	4.2	614	1961-1990
24037	Miles City	MT	G	58A	46.43	-105.87	801	7.6	61	4.6	357	1961-1989
24153	Missoula	MT	E	44	46.93	-114.10	974	6.8	68	2.9	342	1961-1990
03812	Asheville	NC	N	130	35.43	-82.55	652	12.9	75	3.4	1209	1965-1990
93729	Cape Hatteras	NC	T	153B	35.27	-75.55	2	16.7	77	4.9	1425	1961-1990
13881	Charlotte	NC	P	136	35.22	-80.93	220	15.6	67	3.3	1094	1961-1990
13723	Greensboro	NC	P	136	36.08	-79.95	273	14.3	70	3.2	1083	1961-1990
13722	Raleigh/Durham	NC	P	136	35.87	-78.78	127	15.2	70	3.4	1052	1961-1990
13748	Wilmington	NC	T	153A	34.27	-77.90	9	17.4	74	3.8	1378	1961-1990
24011	Bismarck	ND	F	53B	46.77	-100.75	502	5.3	66	4.3	393	1961-1990
14914	Fargo	ND	F	56	46.90	-96.80	274	5.0	70	5.2	494	1961-1990
24013	<i>Minot</i>	ND	F	55A	48.27	-101.28	523	5.0	65	5.4	454	1961-1988
14935	Grand Island	NE	H	71	40.97	-98.32	561	10.0	66	5.2	632	1961-1990
14941	Norfolk	NE	M	102B	41.98	-97.43	471	9.2	66	5.2	639	1961-1990
24023	North Platte	NE	H	72	41.13	-100.68	846	8.9	65	4.5	490	1961-1990
94918	Omaha N WSFO	NE	M	107	41.37	-96.02	399	10.1	68	4.3	747	1961-1990
24028	Scottsbluff	NE	G	67	41.87	-103.60	1202	9.1	59	4.7	388	1961-1990
14745	Concord	NH	R	144A	43.20	-71.50	104	7.3	70	3.0	924	1961-1990
93730	Atlantic City	NJ	S	149A	39.45	-74.57	20	11.7	72	4.3	1023	1961-1990
14734	Newark	NJ	R	144A	40.70	-74.17	2	12.7	64	4.6	1117	1961-1990
23050	Albuquerque	NM	D	42	35.05	-106.62	1619	13.4	44	4.1	226	1961-1990
23048	<i>Tucumcari</i>	NM	G	70	35.18	-103.60	1231	14.3	53	4.4	390	1963-1981
24121	Elko	NV	D	25	40.83	-115.78	1539	8.2	53	2.7	252	1961-1990
23154	Ely	NV	D	28B	39.28	-114.85	1906	7.0	51	4.3	257	1961-1990
23169	Las Vegas	NV	D	30	36.08	-115.17	659	19.5	30	4.4	105	1961-1990
23185	Reno	NV	D	26	39.50	-119.78	1342	10.4	51	3.1	191	1961-1990
23153	Tonopah	NV	D	29	38.07	-117.08	1654	10.6	42	4.1	145	1961-1990
24128	Winnemucca	NV	D	24	40.90	-117.80	1311	9.5	49	3.7	209	1961-1990
14735	Albany	NY	R	144A	42.75	-73.80	84	8.6	70	3.9	919	1961-1990

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04725	Binghamton	NY	R	140	42.22	-75.98	488	7.7	73	4.5	940	1961-1990
14733	Buffalo	NY	L	101	42.93	-78.73	215	8.7	72	5.0	980	1961-1990
94725	<i>Massena</i>	NY	R	142	44.93	-74.85	65	6.2	75	3.7	867	1961-1990
94728/ 14732	NYC (Central Park) NYC (LGA)	NY NY	R S	144A 149B	40.78 40.77	-73.97 -73.90	40 3	12.6 12.4			1200 1070	1961-1990
14768	Rochester	NY	L	101	43.13	-77.67	183	8.7	73	4.4	812	1961-1990
14771	Syracuse	NY	L	101	43.12	-76.12	125	8.6	72	4.2	989	1961-1990
14895	Akron/Canton	OH	R	139	40.92	-81.43	368	9.8	70	4.3	935	1961-1990
14820	Cleveland	OH	L	100	41.42	-81.87	235	9.8	71	4.6	930	1961-1990
14821	Columbus	OH	M	111	40.00	-82.88	248	10.8	70	3.7	967	1961-1990
93815	Dayton	OH	M	111	39.90	-84.20	303	10.9	70	4.3	931	1961-1990
14891	Mansfield	OH	M	111	40.82	-82.52	395	9.7	72	4.9	1007	1961-1990
94830	Toledo	OH	L	99	41.60	-83.80	204	9.2	72	4.2	837	1961-1990
14852	Youngstown	OH	R	139	41.25	-80.67	360	9.1	72	4.3	948	1961-1990
13967	Oklahoma City	OK	H	80A	35.40	-97.60	392	15.6	65	5.4	847	1961-1990
13968	Tulsa	OK	M	112	36.20	-95.90	198	15.7	66	4.6	1031	1961-1990
94224	Astoria	OR	A	1	46.15	-123.88	2	10.5	81	4.0	1687	1961-1990
24221	Eugene	OR	A	2	44.12	-123.22	109	11.8	77	3.4	1254	1961-1990
24225	Medford	OR	A	5	42.38	-122.88	396	12.4	67	2.1	479	1961-1990
24284	<i>North Bend</i>	OR	A	1	43.42	-124.25	2	11.4	81	4.2	1608	1961-1990
24155	Pendleton	OR	B	8	45.68	-118.85	452	11.3	58	3.5	305	1961-1990
24229	Portland	OR	A	2	45.60	-122.60	6	12.0	73	3.6	922	1961-1990
24230	Redmond/Bend	OR	B	6	44.27	-121.15	933	8.5	59	3.3	218	1961-1990
24232	Salem	OR	A	2	44.92	-123.00	60	11.2	75	3.2	995	1961-1990
14737	Allentown	PA	S	147	40.65	-75.43	118	10.7	68	4.1	1105	1961-1990
04751	<i>Bradford</i>	PA	N	127	41.80	-78.63	646	6.3	76	3.6	1139	1961-1990
14860	Erie	PA	L	100	42.08	-80.18	222	9.6	72	5.2	1055	1961-1990
14751	Harrisburg	PA	S	147	40.22	-76.85	104	11.6	67	3.4	1029	1961-1990
13739	Philadelphia	PA	S	149A	39.88	-75.25	2	12.4	67	4.2	1052	1961-1990
94823	Pittsburgh	PA	N	126	40.50	-80.22	347	10.2	68	4.0	936	1961-1990
14777	Wilkes-Barre/ Scranton /Avoca	PA	R	140	41.33	-75.73	284	9.6	69	3.7	921	1961-1990

WBAN	Station	State	LRR	MLRA	Lat.	Long.	Elev. (m)	30-y Station Normals & Means				Available Data
								T °C	R.H. %	Wind m/s	Precip mm	
14778	Williamsport	PA	S	147	41.25	-76.92	158	9.9	71	3.5	1034	1961-1990
41415	Guam	PI	-	199	13.55	144.83	111	26.0	84	3.8	2617	1961-1990
11641	San Juan	PR	Z	272	18.43	-66.00	19	26.8	75	3.6	1329	1961-1990
14765	Providence	RI	R	144A	41.73	-71.43	16	10.2	68	4.6	1156	1961-1990
13880	Charleston	SC	T	153A	32.90	-80.03	12	18.7	73	3.8	1309	1961-1990
13883	Columbia	SC	P	137	33.95	-81.12	65	17.3	70	3.0	1268	1961-1990
03870	Greenville/Spartanburg	SC	P	136	34.90	-82.22	292	15.6	68	3.2	1302	1963-1990
14936	Huron	SD	F	55C	44.38	-98.22	390	7.3	69	4.9	510	1961-1990
24025	<i>Pierre</i>	SD	F	53C	44.38	-100.28	528	8.3	64	5.2	225	1961-1990
24090	Rapid City	SD	G	60A	44.05	-103.07	964	8.1	60	5.1	423	1961-1990
14944	Sioux Falls	SD	M	102B	43.57	-96.73	432	7.5	69	4.9	606	1961-1990
13877	Bristol	TN	N	128	36.48	-82.40	465	13.1	71	2.4	1034	1961-1990
13882	Chattanooga	TN	N	128	35.03	-85.20	211	15.2	72	2.7	1358	1961-1990
13891	Knoxville	TN	N	128	35.82	-83.98	268	14.2	72	3.0	1197	1961-1990
13893	Memphis	TN	P	134	35.05	-90.00	81	16.8	67	3.8	1323	1961-1990
13897	Nashville	TN	N	123	36.12	-86.68	180	15.1	70	3.7	1201	1961-1990
13962	Abilene	TX	H	80B	32.42	-99.68	544	18.1	59	5.0	620	1961-1990
23047	Amarillo	TX	H	77	35.23	-101.70	1093	13.8	56	6.0	497	1961-1990
13958	Austin	TX	J	86	30.28	-97.70	189	20.3	67	4.0	810	1961-1990
12919	Brownsville	TX	I	83D	25.90	-97.43	6	23.2	76	5.0	676	1961-1990
12924	Corpus Christi	TX	T	150A	27.77	-97.50	12	22.0	76	5.5	765	1961-1990
23044	El Paso	TX	D	42	31.80	-106.40	1194	17.3	41	3.4	224	1961-1990
03927	Fort Worth	TX	J	86	32.90	-97.03	168	18.6	65	4.9	856	1961-1990
12960	Houston	TX	T	150A	29.97	-95.35	29	19.9	75	3.8	1170	1970-1990
23042	Lubbock	TX	H	77	33.65	-101.82	992	15.6	56	5.6	474	1961-1990
93987	<i>Lufkin</i>	TX	P	133B	31.23	-94.75	86	19.2	74	3.0	1140	1961-1990
23023	Midland/Odessa	TX	H	77	31.95	-102.18	872	17.4	54	5.1	380	1961-1990
12917	Port Arthur	TX	T	150A	29.95	-94.02	5	20.2	78	4.2	1452	1961-1990
23034	San Angelo	TX	H	78	31.37	-100.50	580	18.3	60	4.6	519	1961-1990
12921	San Antonio	TX	J	86	29.53	-98.47	240	20.3	67	4.1	787	1961-1990
12912	Victoria	TX	T	150A	28.85	-96.92	32	21.1	75	4.6	950	1961-1990

WBAN	Station	State	LRR	MLRA	Lat.	Long.	Elev. (m)	30-y Station Normals & Means				Available Data
								T °C	R.H. %	Wind m/s	Precip mm	
13959	Waco	TX	J	86	31.62	-97.22	152	19.3	67	5.1	812	1961-1990
13966	Wichita Falls	TX	H	78	33.97	-98.48	303	17.2	64	5.2	734	1961-1990
93129	<i>Cedar City</i>	UT	D	28A	37.70	113.10	1710	10.3	49	3.4	292	1961-1990
24127	Salt Lake City	UT	D	28A	40.78	-111.95	1286	11.1	55	4.0	411	1961-1990
13733	Lynchburg	VA	P	136	37.33	-79.20	281	13.3	68	3.2	1038	1961-1990
13737	Norfolk	VA	T	153B	36.90	-76.20	7	15.1	69	4.8	1134	1961-1990
13740	Richmond	VA	P	133A	37.50	-77.33	50	14.3	70	3.5	1096	1961-1990
13741	Roanoke	VA	N	130	37.32	-79.97	350	13.2	65	3.5	1045	1961-1990
93738	<i>Sterling (Dulles Int'l.)</i>	VA	S	148	38.95	-77.45	88	12.1	70	3.4	1022	1961-1990
14742	Burlington	VT	R	142	44.47	-73.15	101	7.0	70	4.0	876	1961-1990
24227	Olympia	WA	A	2	46.97	-122.90	59	9.8	80	3.1	1285	1961-1990
94240	Quillayute	WA	A	1	47.95	-124.55	55	9.4	84	3.7	2672	1967-1990
24233	Seattle/Tacoma AP	WA	A	2	47.45	-122.30	122	11.1	73	3.8	945	1961-1990
24157	Spokane	WA	B	9	47.63	-117.53	718	8.5	65	4.2	419	1961-1990
24243	Yakima	WA	B	7	46.57	-120.53	324	9.9	60	3.3	202	1961-1990
14991	<i>Eau Claire</i>	WI	K	90	44.87	-91.48	271	6.3	71	4.0	803	1961-1990
14898	Green Bay	WI	L	95A	44.48	-88.13	214	6.6	73	4.3	732	1961-1990
14920	La Crosse	WI	M	105	43.87	-91.25	207	7.9	72	3.8	776	1961-1990
14837	Madison	WI	L	95B	43.13	-89.33	262	7.3	73	4.3	784	1961-1990
14839	Milwaukee	WI	M	110	42.95	-87.90	205	7.8	72	5.0	836	1961-1990
13866	Charleston	WV	N	126	38.37	-81.60	310	12.8	70	2.7	1080	1961-1990
13729	Elkins	WV	N	127	38.88	-79.85	594	9.5	76	2.7	1139	1961-1990
03860	Huntington	WV	N	125	38.37	-82.55	252	12.7	70	3.0	1054	1961-1990
24089	Casper	WY	G	58B	42.92	-106.47	1627	7.3	56	5.7	318	1961-1990
24018	Cheyenne	WY	G	67	41.15	-104.82	1867	7.6	53	5.8	366	1961-1990
24021	Lander	WY	E	46	42.82	-108.73	1694	7.0	53	3.0	330	1961-1990
24027	Rock Springs	WY	D	34	41.60	-109.07	2055	5.9	56	4.8	240	1961-1990
24029	Sheridan	WY	G	58B	44.77	-106.97	1208	7.1	60	3.5	368	1961-1990

1. NCDC. 1983, 1992. Climatology of the United States No. 81. National Climatic Data Center, National Oceanic and Atmospheric Administration, Asheville, NC, USA.
2. SCS. 1981. Land Resource Regions and Major Land Resource Areas of the United States. Agriculture Handbook 296. United States Department of Agriculture Soil Conservation Service, Washington, DC, USA.