

AD-A243 313



TEMPERATURE CLIMATOLOGY  
for  
160 ARMY INSTALLATIONS  
IN THE CONUS AND HAWAII

by

SSgt Debra L. Runyon

JUNE 1990



APPROVED FOR PUBLIC RELEASE;  
DISTRIBUTION IS UNLIMITED

USAF  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

Scott Air Force Base, Illinois, 62225-5438

91-16969




## REVIEW AND APPROVAL STATEMENT

USAFETAC/PR-90/001, *Temperature Climatology for 160 Army Installations in the CONUS and Hawaii*, June 1990, has been reviewed and is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

  
PATRICK J. BRETLING  
Chief Scientist

FOR THE COMMANDER

  
WALTER S. BURGMANN  
Scientific and Technical Information  
Program Manager

## REPORT DOCUMENTATION PAGE

2. Report Date: June 1990
3. Report Type and Dates Covered: Project Report
4. Title: Temperature Climatology for 160 Army Installations in the CONUS and Hawaii
6. Authors: SSgt Debra L. Runyon
7. Performing Organization Name and Address: USAF Environmental Technical Applications Center (USAFETAC/ECE), Scott AFB, IL 62225-5438
8. Performing Organization Report Number: USAFETAC/PR-90/001
12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.
13. Abstract: Provides tabular temperature climatology for 160 Army installations in the CONUS and Hawaii. Data was prepared for the Army Corps of Engineers for inclusion in a study of the feasibility of using coal as a primary heating fuel. Tables give the following for each location: Annual heating degree days, 99 and 97.5% winter design temperatures, mean annual temperature. Also given: Monthly heating degree days, mean temperatures, record low temperatures. All temperatures in degrees fahrenheit.
14. Subject Terms: CLIMATOLOGY, TEMPERATURE, EXTREME TEMPERATURE, MEAN TEMPERATURE, HEATING DEGREE DAYS, WINTER DESIGN TEMPERATURES, FUELS, FOSSIL FUELS, COAL, HEATING, ARMY INSTALLATIONS.
15. Number of Pages: 69
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL

Standard Form 298

## PREFACE

This report documents work on Project 910-53, which was completed by the USAF Environmental Technical Applications Center's Engineering Meteorology Section (USAFETAC/ECE) to satisfy a request from the Construction Engineering Research Laboratory's Energy Systems Division (CERL-ESD), U.S. Army Corps of Engineers, P.O. Box 4005, Champaign, IL 61820-1305. USAFETAC's point of contact at CERL-ESD was Mr Ralph Mosage.

CERL-ESD requested the temperature climatology in this report for use in a study that would examine the feasibility of using coal as a primary central heating plant fuel at 160 Army installations in the United States.

The tables in this report provide the following data: (All temperatures are in degrees fahrenheit.)

- Annual Heating Degree Days
- Winter Design Temperature (99 and 97.5%)
- Mean Annual Temperature
- Monthly Heating Degree Days (MHDD)
- Mean Monthly Temperature ( $T_{am}$ )
- Extreme Monthly Minimum Temperature ( $T_{xm}$ )

# CONTENTS

- ALASKA.....1
- ALABAMA.....2
- ARKANSAS.....5
- ARIZONA.....6
- CALIFORNIA.....7
- COLORADO.....12
- CONNECTICUT.....14
- GEORGIA.....15
- HAWAII.....17
- IOWA.....18
- ILLINOIS.....19
- INDIANA.....21
- KANSAS.....23
- KENTUCKY.....25
- LOUISIANA.....26
- MASSACHUSETTS.....27
- MARYLAND.....28
- MICHIGAN.....30
- MINNESOTA.....31
- MISSOURI.....32
- MISSISSIPPI.....34
- NORTH CAROLINA.....35
- NEBRASKA.....36
- NEW JERSEY.....37
- NEW MEXICO.....39
- NEVADA.....40
- NEW YORK.....41
- OHIO.....43
- OKLAHOMA.....44
- OREGON.....45
- PENNSYLVANIA.....46
- SOUTH CAROLINA.....49
- TENNESSEE.....50
- TEXAS.....52
- UTAH.....55
- VIRGINIA.....57
- VERMONT.....62
- WASHINGTON.....63
- WISCONSIN.....65



Application for  
 Div. 154-004  
 (FBI) - 154  
 Approved and  
 Justified for  
 Release  
 Date  
 Special Agent in Charge  
 FBI - [City]  
 [Signature]  
 [Initials]

A-1

Military Installation Database List for : AK - Alaska

Base name: FORT GREELY (Big Delta)  
 State: AK - Alaska  
 Latitude: 63d 58m Longitude: 145d 44m

Annual Heating Degree Days: 13697

Winter Design Temperatures: (99%) -48 (97.5%) -43 Deg F

Mean Annual Temperature : 27 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	2213	-6	-63	May	567	47	-1	Sep	627	44	-2
Feb	1764	2	-60	Jun	247	57	30	Oct	1243	25	-39
Mar	1659	12	-49	Jul	165	60	32	Nov	1722	8	-47
Apr	1029	31	-37	Aug	297	56	22	Dec	2164	-5	-62

\*\*\*\*\*

Base name: FORT RICHARDSON (Elmendorf)  
 State: AK - Alaska  
 Latitude: 61d 16m Longitude: 149d 39m

Annual Heating Degree Days: 10940

Winter Design Temperatures: (99%) -22 (97.5%) -16 Deg F

Mean Annual Temperature : 35 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1662	11	-39	May	567	47	17	Sep	498	48	20
Feb	1338	17	-22	Jun	322	54	34	Oct	964	34	-10
Mar	1302	23	-23	Jul	212	58	40	Nov	1314	21	-14
Apr	882	36	3	Aug	267	56	32	Dec	1612	13	-34

\*\*\*\*\*

Base name: FORT WAINWRIGHT (702615)  
 State: AK - Alaska  
 Latitude: 64d 50m Longitude: 147d 37m

Annual Heating Degree Days: 14002

Winter Design Temperatures: (99%) -51 (97.5%) -47 Deg F

Mean Annual Temperature : 27 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	2318	-10	-62	May	509	49	3	Sep	607	46	13
Feb	1891	-3	-56	Jun	178	59	33	Oct	1188	27	-21
Mar	1705	12	-52	Jul	140	62	37	Nov	1826	5	-43
Apr	1047	31	-20	Aug	281	57	29	Dec	2312	-10	-56

Military Installation Database List for : AL - Alabama

Base name: ALABAMA ARMY AMMUNITION PLANT (CLOSED) (Talladega)  
State: AL - Alabama  
Latitude: 33d 20m Longitude: 86d 21m

Annual Heating Degree Days: 2878

Winter Design Temperatures: (99%) 19 (97.5%) 23 Deg F

Mean Annual Temperature : 62 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	679	43	-5	May	36	69	32	Sep	13	73	35
Feb	523	47	2	Jun	0	76	39	Oct	150	62	23
Mar	363	54	14	Jul	0	79	51	Nov	390	52	5
Apr	123	62	24	Aug	0	78	46	Dec	601	46	0

\*\*\*\*\*

Base name: ANNISTON ARMY DEPOT (Anniston FAA)  
State: AL - Alabama  
Latitude: 33d 37m Longitude: 85d 58m

Annual Heating Degree Days: 3116

Winter Design Temperatures: (99%) 17 (97.5%) 21 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	713	44	-5	May	43	69	34	Sep	12	73	34
Feb	560	45	4	Jun	0	76	42	Oct	167	61	22
Mar	409	52	13	Jul	0	79	50	Nov	420	51	5
Apr	141	62	27	Aug	0	78	50	Dec	651	44	1

\*\*\*\*\*

Base name: FORT McCLELLAN (Anniston FAA)  
State: AL - Alabama  
Latitude: 33d 43m Longitude: 85d 47m

Annual Heating Degree Days: 3116

Winter Design Temperatures: (99%) 17 (97.5%) 21 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	713	42	-5	May	43	69	34	Sep	12	73	34
Feb	560	45	4	Jun	0	76	42	Oct	167	61	22
Mar	409	52	13	Jul	0	79	50	Nov	420	51	5
Apr	141	62	27	Aug	0	78	50	Dec	651	44	1

Military Installation Database List for : AL - Alabama

Base name: FORT RUCKER (722269)  
 State: AL - Alabama  
 Latitude: 31d 16m Longitude: 85d 43m

Annual Heating Degree Days: 1914

Winter Design Temperatures: (99%) 23 (97.5%) 27 Deg F

Mean Annual Temperature : 66 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	513	49	8	May	5	74	42	Sep	3	77	38
Feb	382	52	16	Jun	0	79	50	Oct	59	67	34
Mar	230	59	16	Jul	0	81	61	Nov	241	58	18
Apr	54	67	33	Aug	0	81	59	Dec	427	52	7

\*\*\*\*\*

Base name: HUNTER LOOP COMM FACILITY (Maxwell AFB)  
 State: AL - Alabama  
 Latitude: 32d 23m Longitude: 86d 24m

Annual Heating Degree Days: 2277

Winter Design Temperatures: (99%) 21 (97.5%) 25 Deg F

Mean Annual Temperature : 65 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	580	47	0	May	10	72	40	Sep	0	77	39
Feb	439	50	10	Jun	0	79	49	Oct	86	65	26
Mar	284	57	19	Jul	0	82	59	Nov	307	55	13
Apr	72	65	28	Aug	0	81	57	Dec	499	49	5

\*\*\*\*\*

Base name: MOBILE/BATES FIELD (Mobile)  
 State: AL - Alabama  
 Latitude: 30d 41m Longitude: 88d 15m

Annual Heating Degree Days: 1695

Winter Design Temperatures: (99%) 25 (97.5%) 29 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	469	51	3	May	0	75	43	Sep	0	78	42
Feb	342	54	11	Jun	0	81	49	Oct	50	69	32
Mar	191	60	21	Jul	0	82	60	Nov	218	59	22
Apr	43	68	32	Aug	0	82	59	Dec	382	53	8



Military Installation Database List for : AL - Alabama

Base name: MONTGOMERY/DANNELLY FIELD (Montgomery)  
State: AL - Alabama  
Latitude: 32d 18m Longitude: 86d 24m

Annual Heating Degree Days: 2277

Winter Design Temperatures: (99%) 22 (97.5%) 25 Deg F

Mean Annual Temperature : 65 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	580	47	0	May	10	72	40	Sep	0	77	39
Feb	439	50	10	Jun	0	79	49	Oct	86	65	26
Mar	284	57	19	Jul	0	82	59	Nov	307	55	13
Apr	72	65	28	Aug	0	81	57	Dec	499	49	5

\*\*\*\*\*

Base name: PHOSPHATE DEVELOPMENT WORKS/SHEFFIELD (Muscle Shoals)  
State: AL - Alabama  
Latitude: 34d 46m Longitude: 87d 42m

Annual Heating Degree Days: 3315

Winter Design Temperatures: (99%) 17 (97.5%) 21 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	781	40	-11	May	42	69	36	Sep	14	73	39
Feb	605	43	-2	Jun	0	77	44	Oct	164	61	25
Mar	440	51	10	Jul	0	80	53	Nov	443	50	2
Apr	150	62	28	Aug	0	79	53	Dec	676	43	1

\*\*\*\*\*

Base name: REDSTONE ARSENAL (Huntsville WSO)  
State: AL - Alabama  
Latitude: 34d 39m Longitude: 86d 41m

Annual Heating Degree Days: 3279

Winter Design Temperatures: (99%) 11 (97.5%) 16 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	769	40	-11	May	41	69	36	Sep	12	73	37
Feb	606	44	5	Jun	0	76	45	Oct	166	61	28
Mar	441	51	6	Jul	0	79	53	Nov	435	51	15
Apr	136	62	26	Aug	0	79	54	Dec	673	43	-1

Military Installation Database List for : AR - Arkansas

Base name: FORT CHAFFEE (Ft Smith)  
State: AR - Arkansas  
Latitude: 35d 18m Longitude: 94d 17m

Annual Heating Degree Days: 3477

Winter Design Temperatures: (99%) 12 (97.5%) 17 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	853	38	-11	May	33	70	34	Sep	13	74	33
Feb	633	42	-9	Jun	0	78	47	Oct	143	63	22
Mar	461	51	7	Jul	0	82	50	Nov	456	50	8
Apr	147	61	22	Aug	0	81	51	Dec	738	41	-1

\*\*\*\*\*

Base name: PINE BLUFF ARSENAL (Pine Bluff)  
State: AR - Arkansas  
Latitude: 34d 18m Longitude: 92d 5m

Annual Heating Degree Days: 2729

Winter Design Temperatures: (99%) 16 (97.5%) 22 Deg F

Mean Annual Temperature : 64 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	692	43	-6	May	13	72	36	Sep	6	75	36
Feb	514	47	-5	Jun	0	79	49	Oct	108	65	25
Mar	362	55	11	Jul	0	83	55	Nov	357	53	14
Apr	85	65	29	Aug	0	82	52	Dec	592	46	3

\*\*\*\*\*

Military Installation Database List for : AZ - Arizona

Base name: FORT HUACHUCA (Tombstone & Canelo)  
 State: AZ - Arizona  
 Latitude: 31d 35m Longitude: 110d 20m

Annual Heating Degree Days: 2934

Winter Design Temperatures: (99%) 24 (97.5%) 28 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	617	45	0	May	80	66	25	Sep	6	72	36
Feb	500	47	8	Jun	4	75	36	Oct	53	63	22
Mar	442	51	10	Jul	0	77	45	Nov	395	52	12
Apr	235	58	17	Aug	4	75	47	Dec	598	46	-1

\*\*\*\*\*

Base name: NAVAJO DEPOT ACTIVITY (Flagstaff)  
 State: AZ - Arizona  
 Latitude: 35d 14m Longitude: 111d 50m

Annual Heating Degree Days: 7254

Winter Design Temperatures: (99%) -2 (97.5%) 4 Deg F

Mean Annual Temperature : 45 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1141	28	-22	May	468	50	14	Sep	229	58	23
Feb	960	31	-23	Jun	194	59	22	Oct	552	47	-2
Mar	946	35	-16	Jul	34	66	32	Nov	861	36	-13
Apr	702	42	-2	Aug	76	64	24	Dec	1091	30	-23

\*\*\*\*\*

Base name: YUMA PROVING GROUND (Yuma WSO)  
 State: AZ - Arizona  
 Latitude: 32d 52m Longitude: 114d 26m

Annual Heating Degree Days: 983

Winter Design Temperatures: (99%) 37 (97.5%) 39 Deg F

Mean Annual Temperature : 74 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	290	56	24	May	0	78	46	Sep	0	87	53
Feb	176	60	28	Jun	0	87	54	Oct	8	76	35
Mar	104	64	32	Jul	0	94	63	Nov	92	64	33
Apr	37	71	41	Aug	0	92	63	Dec	276	57	27

Military Installation Database List for : CA - California

Base name: CAMP PARKS (Livermore)  
 State: CA - California  
 Latitude: 37d 44m Longitude: 121d 53m

Annual Heating Degree Days: 3011

Winter Design Temperatures: (99%) 24 (97.5%) 27 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	592	46	18	May	155	61	32	Sep	18	69	35
Feb	431	50	23	Jun	48	67	38	Oct	114	63	29
Mar	412	52	22	Jul	5	71	36	Nov	366	53	23
Apr	285	56	29	Aug	11	71	40	Dec	574	47	18

\*\*\*\*\*

Base name: CAMP ROBERTS (Paso Robles)  
 State: CA - California  
 Latitude: 35d 48m Longitude: 120d 45m

Annual Heating Degree Days: 2931

Winter Design Temperatures: (99%) 24 (97.5%) 27 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	566	47	12	May	125	62	30	Sep	22	69	31
Feb	414	51	17	Jun	42	68	34	Oct	134	62	19
Mar	397	53	20	Jul	0	73	39	Nov	378	53	16
Apr	277	56	26	Aug	8	73	39	Dec	568	47	16

\*\*\*\*\*

Base name: FORT BAKER (San Francisco Federal Bldg)  
 State: CA - California  
 Latitude: 37d 50m Longitude: 122d 28m

Annual Heating Degree Days: 3071

Winter Design Temperatures: (99%) 38 (97.5%) 40 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	428	51	30	May	260	57	44	Sep	109	62	48
Feb	311	54	36	Jun	201	58	47	Oct	124	62	45
Mar	332	54	38	Jul	202	59	47	Nov	234	57	41
Apr	294	55	40	Aug	173	60	48	Dec	403	52	30

Military Installation Database List for : CA - California

Base name: FORT HUNTER LIGGETT (King City)  
 State: CA - California  
 Latitude: 36d 1m Longitude: 121d 14m

Annual Heating Degree Days: 2639

Winter Design Temperatures: (99%) 24 (97.5%) 26 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	499	49	23	May	135	61	32	Sep	31	67	37
Feb	358	52	23	Jun	53	65	34	Oct	119	62	31
Mar	347	54	29	Jul	23	68	42	Nov	321	54	23
Apr	248	57	28	Aug	18	68	39	Dec	487	49	18

\*\*\*\*\*

Base name: FORT IRWIN (Daggett)  
 State: CA - California  
 Latitude: 35d 16m Longitude: 116d 41m

Annual Heating Degree Days: 2327

Winter Design Temperatures: (99%) 26 (97.5%) 29 Deg F

Mean Annual Temperature : 66 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	555	47	6	May	32	71	36	Sep	0	78	38
Feb	372	52	14	Jun	0	80	41	Oct	63	68	23
Mar	290	57	21	Jul	0	87	49	Nov	313	55	18
Apr	150	63	30	Aug	0	85	52	Dec	552	48	8

\*\*\*\*\*

Base name: FORT ORD (Pinnacles Nat Mon)  
 State: CA - California  
 Latitude: 36d 41m Longitude: 121d 46m

Annual Heating Degree Days: 2956

Winter Design Temperatures: (99%) 30 (97.5%) 32 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	552	47	23	May	160	61	37	Sep	19	70	36
Feb	428	50	24	Jun	51	68	40	Oct	117	63	33
Mar	431	51	27	Jul	5	74	41	Nov	345	54	28
Apr	313	55	33	Aug	11	73	44	Dec	524	48	26

Military Installation Database List for : CA - California

Base name: MONTEREY, PRESIDIO OF (Monterey)  
 State: CA - California  
 Latitude: 36d 36m Longitude: 121d 54m

Annual Heating Degree Days: 3170

Winter Design Temperatures: (99%) 35 (97.5%) 38 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	422	51	22	May	282	56	38	Sep	104	62	43
Feb	336	53	26	Jun	204	58	42	Oct	145	61	35
Mar	372	53	32	Jul	174	60	43	Nov	258	56	35
Apr	333	54	35	Aug	149	61	45	Dec	391	52	23

\*\*\*\*\*

Base name: OAKLAND ARMY BASE (Oakland)  
 State: CA - California  
 Latitude: 37d 49m Longitude: 122d 19m

Annual Heating Degree Days: 2877

Winter Design Temperatures: (99%) 34 (97.5%) 36 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	496	49	24	May	196	59	36	Sep	61	65	41
Feb	350	53	25	Jun	117	62	41	Oct	124	62	34
Mar	347	54	32	Jul	68	64	46	Nov	300	55	27
Apr	274	56	31	Aug	67	64	47	Dec	477	50	23

\*\*\*\*\*

Base name: RIVERBANK ARMY AMMUNITION PLANT (Tracy Carbona)  
 State: CA - California  
 Latitude: 37d 43m Longitude: 120d 55m

Annual Heating Degree Days: 2704

Winter Design Temperatures: (99%) 29 (97.5%) 31 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	617	45	18	May	78	65	34	Sep	6	71	38
Feb	414	50	26	Jun	15	71	38	Oct	80	64	32
Mar	335	54	26	Jul	0	76	45	Nov	351	53	24
Apr	207	59	31	Aug	0	74	41	Dec	601	46	17

Military Installation Database List for : CA - California

Base name: SACRAMENTO ARMY DEPOT (Sacramento)  
 State: CA - California  
 Latitude: 38d 31m Longitude: 121d 24m

Annual Heating Degree Days: 2772

Winter Design Temperatures: (99%) 29 (97.5%) 31 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	611	45	20	May	83	65	34	Sep	7	72	43
Feb	412	50	25	Jun	21	71	41	Oct	82	64	35
Mar	366	53	26	Jul	0	76	48	Nov	360	53	26
Apr	229	58	32	Aug	0	75	48	Dec	601	46	20

\*\*\*\*\*

Base name: SAN FRANCISCO, PRESIDIO OF (San Francisco Federal Bldg)  
 State: CA - California  
 Latitude: 37d 48m Longitude: 122d 28m

Annual Heating Degree Days: 3071

Winter Design Temperatures: (99%) 38 (97.5%) 40 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	428	51	30	May	260	57	44	Sep	109	62	48
Feb	311	54	36	Jun	201	58	47	Oct	124	62	45
Mar	332	54	38	Jul	202	59	47	Nov	234	57	41
Apr	294	55	40	Aug	173	60	48	Dec	403	52	30

\*\*\*\*\*

Base name: SHARPE ARMY DEPOT (Stockton)  
 State: CA - California  
 Latitude: 37d 51m Longitude: 121d 17m

Annual Heating Degree Days: 2674

Winter Design Temperatures: (99%) 28 (97.5%) 30 Deg F

Mean Annual Temperature : 62 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	614	45	16	May	52	66	38	Sep	0	73	42
Feb	412	50	24	Jun	8	73	45	Oct	76	65	33
Mar	350	54	27	Jul	0	78	49	Nov	351	53	25
Apr	206	59	32	Aug	0	77	47	Dec	605	46	21

Military Installation Database List for : CA - California

Base name: SIERRA ARMY DEPOT (Susanville)  
State: CA - California  
Latitude: 40d 9m Longitude: 120d 7m

Annual Heating Degree Days: 6233

Winter Design Temperatures: (99%) 6 (97.5%) 11 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1082	30	-22	May	337	54	20	Sep	157	61	18
Feb	829	35	-23	Jun	130	63	25	Oct	462	50	14
Mar	778	40	-4	Jul	15	70	30	Nov	774	39	-1
Apr	564	46	13	Aug	57	67	31	Dec	1048	31	-22

\*\*\*\*\*



Military Installation Database List for : CO - Colorado

Base name: FITZSIMONS ARMY MEDICAL CENTER (Denver)  
State: CO - Colorado  
Latitude: 39d 45m Longitude: 104d 50m

Annual Heating Degree Days: 6014

Winter Design Temperatures: (99%) -5 (97.5%) 1 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1101	30	-25	May	253	57	22	Sep	135	63	17
Feb	879	34	-25	Jun	74	67	30	Oct	414	52	3
Mar	837	38	-8	Jul	0	73	43	Nov	789	39	-8
Apr	528	47	-2	Aug	0	71	41	Dec	1004	33	-21

\*\*\*\*\*

Base name: FORT CARSON (Colorado Springs)  
State: CO - Colorado  
Latitude: 38d 41m Longitude: 104d 46m

Annual Heating Degree Days: 6346

Winter Design Temperatures: (99%) -2 (97.5%) 3 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1122	29	-26	May	296	56	21	Sep	162	61	22
Feb	910	33	-27	Jun	78	66	32	Oct	440	51	5
Mar	880	37	-11	Jul	8	71	42	Nov	819	38	-8
Apr	564	46	-3	Aug	25	69	43	Dec	1042	31	-17

\*\*\*\*\*

Base name: PUEBLO DEPOT ACTIVITY (Pueblo)  
State: CO - Colorado  
Latitude: 38d 17m Longitude: 104d 21m

Annual Heating Degree Days: 5465

Winter Design Temperatures: (99%) -7 (97.5%) 0 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1091	30	-28	May	163	61	26	Sep	89	66	27
Feb	834	35	-19	Jun	23	71	37	Oct	346	54	14
Mar	756	41	-10	Jul	0	77	48	Nov	744	40	-14
Apr	421	51	2	Aug	0	74	40	Dec	998	33	-28

Military Installation Database List for : CO - Colorado

Base name: ROCKY MOUNTAIN ARSENAL (Boulder)  
State: CO - Colorado  
Latitude: 39d 50m Longitude: 104d 53m

Annual Heating Degree Days: 5460

Winter Design Temperatures: (99%) -5 (97.5%) 1 Deg F

Mean Annual Temperature : 52 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1004	33	-22	May	220	59	22	Sep	130	64	15
Feb	804	36	-15	Jun	59	68	30	Oct	357	54	10
Mar	775	40	-3	Jul	0	74	42	Nov	714	41	-7
Apr	483	49	-3	Aug	6	72	43	Dec	908	36	-16

\*\*\*\*\*

Military Installation Database List for : CT - Connecticut

Base name: STRATFORD ARMY ENGINE PLANT (Bridgeport)  
State: CT - Connecticut  
Latitude: 41d 11m Longitude: 73d 11m

Annual Heating Degree Days: 5501

Winter Design Temperatures: (99%) 6 (97.5%) 9 Deg F

Mean Annual Temperature : 52 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1101	30	-7	May	220	59	31	Sep	49	66	36
Feb	963	31	-5	Jun	20	68	41	Oct	285	56	26
Mar	831	38	4	Jul	0	74	51	Nov	585	46	16
Apr	492	49	18	Aug	0	73	44	Dec	955	34	-4

\*\*\*\*\*

Military Installation Database List for : GA - Georgia

Base name: FORT BENNING (722250)  
 State: GA - Georgia  
 Latitude: 32d 21m Longitude: 85d 0m

Annual Heating Degree Days: 2231

Winter Design Temperatures: (99%) 21 (97.5%) 24 Deg F

Mean Annual Temperature : 64 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	559	44	0	May	11	72	37	Sep	3	76	38
Feb	428	48	8	Jun	0	80	47	Oct	75	66	26
Mar	278	56	16	Jul	0	81	55	Nov	294	58	12
Apr	86	64	29	Aug	0	80	58	Dec	497	49	5

\*\*\*\*\*

Base name: FORT GILLEM (FORMERLY ATLANTA ARMY DEPOT) (Atlanta)  
 State: GA - Georgia  
 Latitude: 33d 37m Longitude: 84d 19m

Annual Heating Degree Days: 3021

Winter Design Temperatures: (99%) 17 (97.5%) 22 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	716	42	-8	May	37	69	37	Sep	7	73	36
Feb	563	45	5	Jun	5	76	46	Oct	130	62	28
Mar	400	53	10	Jul	0	79	53	Nov	394	52	3
Apr	133	62	26	Aug	0	78	55	Dec	636	45	0

\*\*\*\*\*

Base name: FORT GORDON (Augusta)  
 State: GA - Georgia  
 Latitude: 33d 26m Longitude: 82d 11m

Annual Heating Degree Days: 2568

Winter Design Temperatures: (99%) 20 (97.5%) 23 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	626	45	-1	May	17	71	35	Sep	0	75	36
Feb	495	48	9	Jun	0	77	47	Oct	107	64	22
Mar	332	55	12	Jul	0	81	55	Nov	338	54	11
Apr	92	63	26	Aug	0	80	54	Dec	561	47	5

Military Installation Database List for : GA - Georgia

Base name: FORT McPHERSON (Atlanta)  
 State: GA - Georgia  
 Latitude: 33d 42m Longitude: 84d 26m

Annual Heating Degree Days: 3021

Winter Design Temperatures: (99%) 17 (97.5%) 22 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	716	42	-8	May	37	69	37	Sep	7	73	36
Feb	563	45	5	Jun	5	76	46	Oct	130	62	28
Mar	400	53	10	Jul	0	79	53	Nov	394	52	3
Apr	133	62	26	Aug	0	78	55	Dec	636	45	0

\*\*\*\*\*

Base name: FORT STEWART/WRIGHT AAF (Hunter AAF - 747804)  
 State: GA - Georgia  
 Latitude: 31d 52m Longitude: 81d 37m

Annual Heating Degree Days: 1794

Winter Design Temperatures: (99%) 23 (97.5%) 26 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	478	49	8	May	5	73	43	Sep	1	77	42
Feb	353	52	16	Jun	0	79	51	Oct	49	68	32
Mar	227	59	22	Jul	0	82	60	Nov	216	59	17
Apr	68	66	33	Aug	0	81	61	Dec	397	52	11

\*\*\*\*\*

Base name: HUNTER AAF, SUBINSTALLATION OF FT STEWART (747804)  
 State: GA - Georgia  
 Latitude: 32d 1m Longitude: 81d 8m

Annual Heating Degree Days: 1794

Winter Design Temperatures: (99%) 24 (97.5%) 27 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	478	49	8	May	5	73	43	Sep	1	77	42
Feb	353	52	16	Jun	0	79	51	Oct	49	68	32
Mar	227	59	22	Jul	0	82	60	Nov	216	59	17
Apr	68	66	33	Aug	0	81	61	Dec	397	52	11

Military Installation Database List for : HI - Hawaii

Base name: FORT SHAFTER (Honolulu)  
State: HI - Hawaii  
Latitude: 21d 21m Longitude: 157d 53m

Annual Heating Degree Days: 0

Winter Design Temperatures: (99%) 62 (97.5%) 63 Deg F

Mean Annual Temperature : 77 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	0	73	53	May	0	78	57	Sep	0	81	66
Feb	0	73	53	Jun	0	79	65	Oct	0	80	64
Mar	0	74	55	Jul	0	80	66	Nov	0	77	58
Apr	0	76	56	Aug	0	81	67	Dec	0	74	54

\*\*\*\*\*

Base name: SCHOFIELD BARRACKS (Wheeler AFB)  
State: HI - Hawaii  
Latitude: 21d 30m Longitude: 158d 2m

Annual Heating Degree Days: 0

Winter Design Temperatures: (99%) 58 (97.5%) 59 Deg F

Mean Annual Temperature : 73 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	0	70	51	May	0	73	59	Sep	0	76	60
Feb	0	69	53	Jun	0	75	57	Oct	0	75	56
Mar	0	70	56	Jul	0	76	57	Nov	0	73	57
Apr	0	71	57	Aug	0	77	63	Dec	0	71	51

\*\*\*\*\*

Military Installation Database List for : IA - Iowa

Base name: IOWA ARMY AMMUNITION PLANT (Mount Pleasant)

State: IA - Iowa

Latitude: 40d 49m Longitude: 91d 15m

Annual Heating Degree Days: 6181

Winter Design Temperatures: (99%) -7 (97.5%) -3 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1364	21	-23	May	156	62	29	Sep	69	66	29
Feb	1070	27	-24	Jun	17	72	40	Oct	338	55	13
Mar	862	37	-15	Jul	0	76	43	Nov	744	40	-5
Apr	399	52	9	Aug	6	73	39	Dec	1156	28	-21

\*\*\*\*\*

Military Installation Database List for : IL - Illinois

Base name: FORT SHERIDAN (Chicago)  
 State: IL - Illinois  
 Latitude: 42d 13m Longitude: 87d 49m

Annual Heating Degree Days: 6455

Winter Design Temperatures: (99%) -8 (97.5%) -4 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1352	21	-27	May	224	59	24	Sep	75	65	28
Feb	1092	26	-17	Jun	38	69	36	Oct	368	54	17
Mar	899	36	-8	Jul	0	73	40	Nov	756	40	1
Apr	486	49	7	Aug	9	72	41	Dec	1156	28	-25

\*\*\*\*\*

Base name: JOLIET ARMY AMMUNITION PLANT (Wheaton)  
 State: IL - Illinois  
 Latitude: 41d 31m Longitude: 88d 4m

Annual Heating Degree Days: 6427

Winter Design Temperatures: (99%) -5 (97.5%) 0 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1367	21	-26	May	200	60	26	Sep	72	65	30
Feb	1095	26	-20	Jun	26	70	35	Oct	365	54	15
Mar	896	36	-8	Jul	0	74	46	Nov	768	39	-9
Apr	462	50	11	Aug	7	72	39	Dec	1169	27	-20

\*\*\*\*\*

Base name: ROCK ISLAND ARSENAL (Moline WSO)  
 State: IL - Illinois  
 Latitude: 41d 31m Longitude: 90d 33m

Annual Heating Degree Days: 6498

Winter Design Temperatures: (99%) -7 (97.5%) -3 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1411	20	-27	May	177	61	26	Sep	75	65	24
Feb	1117	25	-25	Jun	20	71	39	Oct	370	54	16
Mar	908	36	-19	Jul	0	75	46	Nov	780	39	-9
Apr	438	50	7	Aug	5	73	40	Dec	1197	26	-22



Military Installation Database List for : IL - Illinois

Base name: SAVANNA ARMY DEPOT (Stockton)  
State: IL - Illinois  
Latitude: 42d 11m Longitude: 90d 15m

Annual Heating Degree Days: 7055

Winter Design Temperatures: (99%) -11 (97.5%) -7 Deg F

Mean Annual Temperature : 47 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1476	17	-28	May	211	59	24	Sep	108	63	26
Feb	1184	23	-22	Jun	37	69	38	Oct	420	52	13
Mar	983	33	-18	Jul	5	73	40	Nov	840	37	-10
Apr	504	48	7	Aug	10	71	39	Dec	1277	24	-24

\*\*\*\*\*

Base name: ST. LOUIS AREA SUPPORT CENTER (Alton Dam 26)  
State: IL - Illinois  
Latitude: 38d 41m Longitude: 90d 11m

Annual Heating Degree Days: 5129

Winter Design Temperatures: (99%) 3 (97.5%) 8 Deg F

Mean Annual Temperature : 55 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1156	28	-16	May	108	65	32	Sep	32	69	37
Feb	916	32	-11	Jun	8	75	45	Oct	265	58	25
Mar	719	42	-1	Jul	0	79	50	Nov	630	44	4
Apr	306	55	20	Aug	0	77	46	Dec	989	33	-16

\*\*\*\*\*

Military Installation Database List for : IN - Indiana

Base name: CRANE ARMY AMMUNITION PLANT (NAVY SUPPORT) (Crane Naval Dep)  
State: IN - Indiana  
Latitude: 38d 52m Longitude: 86d 50m

Annual Heating Degree Days: 4717

Winter Design Temperatures: (99%) 3 (97.5%) 9 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1066	31	-21	May	107	65	30	Sep	27	70	32
Feb	848	35	-14	Jun	7	74	39	Oct	236	59	20
Mar	663	44	-2	Jul	0	77	42	Nov	579	46	-5
Apr	269	57	17	Aug	0	76	41	Dec	915	36	-14

\*\*\*\*\*

Base name: FORT BENJAMIN HARRISON (Indianapolis SE Side)  
State: IN - Indiana  
Latitude: 39d 51m Longitude: 86d 0m

Annual Heating Degree Days: 5608

Winter Design Temperatures: (99%) -2 (97.5%) 2 Deg F

Mean Annual Temperature : 52 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1197	26	-22	May	161	63	30	Sep	56	67	36
Feb	983	30	-12	Jun	14	72	40	Oct	322	55	20
Mar	787	40	0	Jul	0	75	49	Nov	675	43	0
Apr	384	52	18	Aug	0	74	45	Dec	1029	32	-17

\*\*\*\*\*

Base name: INDIANA ARMY AMMUNITION PLANT (Scottsburg)  
State: IN - Indiana  
Latitude: 38d 25m Longitude: 85d 39m

Annual Heating Degree Days: 5166

Winter Design Temperatures: (99%) 5 (97.5%) 10 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1113	29	-32	May	133	64	26	Sep	49	68	23
Feb	913	32	-32	Jun	8	72	37	Oct	308	56	14
Mar	713	42	-11	Jul	0	76	45	Nov	642	44	-6
Apr	332	54	18	Aug	0	74	40	Dec	955	34	-22

Military Installation Database List for : IN - Indiana

Base name: JEFFERSON PROVING GROUND (North Vernon)  
State: IN - Indiana  
Latitude: 38d 50m Longitude: 85d 25m

Annual Heating Degree Days: 4947

Winter Design Temperatures: (99%) 2 (97.5%) 7 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1088	30	-24	May	128	64	25	Sep	45	68	32
Feb	871	34	-16	Jun	10	72	36	Oct	274	57	18
Mar	677	43	-6	Jul	0	76	45	Nov	618	44	-2
Apr	303	55	20	Aug	0	74	40	Dec	933	35	-12

\*\*\*\*\*

Base name: NEWPORT ARMY AMMUNITION PLANT (Rockville)  
State: IN - Indiana  
Latitude: 39d 52m Longitude: 87d 26m

Annual Heating Degree Days: 5398

Winter Design Temperatures: (99%) -1 (97.5%) 4 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1187	27	-23	May	141	64	27	Sep	48	68	25
Feb	949	31	-22	Jun	12	72	37	Oct	295	56	18
Mar	744	41	-9	Jul	0	76	44	Nov	657	43	-5
Apr	342	54	15	Aug	6	74	39	Dec	1017	32	-22

\*\*\*\*\*

Military Installation Database List for : KS - Kansas

Base name: FORT LEAVENWORTH (724567)  
State: KS - Kansas  
Latitude: 39d 22m Longitude: 94d 55m

Annual Heating Degree Days: 5184

Winter Design Temperatures: (99%) -1 (97.5%) 3 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1190	27	-22	May	103	65	24	Sep	42	68	28
Feb	902	33	-13	Jun	12	74	41	Oct	258	58	20
Mar	710	42	-11	Jul	0	79	44	Nov	654	43	-2
Apr	299	55	4	Aug	0	77	41	Dec	1014	32	-19

\*\*\*\*\*

Base name: FORT RILEY (Manhattan)  
State: KS - Kansas  
Latitude: 39d 3m Longitude: 96d 46m

Annual Heating Degree Days: 5119

Winter Design Temperatures: (99%) -1 (97.5%) 3 Deg F

Mean Annual Temperature : 55 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1175	27	-26	May	101	65	27	Sep	47	69	30
Feb	890	33	-21	Jun	9	75	40	Oct	246	58	20
Mar	705	43	-10	Jul	0	80	43	Nov	648	43	-9
Apr	297	56	7	Aug	0	78	45	Dec	1001	33	-14

\*\*\*\*\*

Base name: KANSAS ARMY AMMUNITION PLANT (Parsons)  
State: KS - Kansas  
Latitude: 37d 20m Longitude: 95d 13m

Annual Heating Degree Days: 4156

Winter Design Temperatures: (99%) 5 (97.5%) 9 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1001	33	-17	May	59	68	31	Sep	24	72	28
Feb	742	39	-16	Jun	6	76	44	Oct	173	61	23
Mar	565	47	-2	Jul	0	81	49	Nov	528	47	6
Apr	209	59	20	Aug	0	80	47	Dec	849	38	-12

Military Installation Database List for : KS - Kansas

Base name: SUNFLOWER ARMY AMMUNITION PLANT (Lawrence & Olathe)  
State: KS - Kansas  
Latitude: 38d 56m Longitude: 95d 0m

Annual Heating Degree Days: 4939

Winter Design Temperatures: (99%) -1 (97.5%) 3 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1147	28	-18	May	95	66	30	Sep	43	70	30
Feb	871	34	-12	Jun	10	75	43	Oct	229	59	21
Mar	681	44	-8	Jul	0	80	48	Nov	618	45	1
Apr	276	56	13	Aug	0	78	46	Dec	969	34	-17

\*\*\*\*\*

Military Installation Database List for : KY - Kentucky

Base name: FORT CAMPBELL (746710)  
 State: KY - Kentucky  
 Latitude: 36d 7m Longitude: 86d 41m

Annual Heating Degree Days: 4166

Winter Design Temperatures: (99%) 4 (97.5%) 10 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	941	34	-20	May	74	67	33	Sep	28	70	36
Feb	746	39	-12	Jun	5	75	43	Oct	224	59	23
Mar	545	48	1	Jul	0	79	49	Nov	543	47	-4
Apr	234	58	25	Aug	0	77	46	Dec	826	39	-10

\*\*\*\*\*

Base name: FORT KNOX (724240)  
 State: KY - Kentucky  
 Latitude: 37d 54m Longitude: 85d 58m

Annual Heating Degree Days: 4562

Winter Design Temperatures: (99%) -1 (97.5%) 7 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	992	33	-18	May	96	65	30	Sep	46	69	36
Feb	795	36	-17	Jun	9	74	42	Oct	239	58	21
Mar	638	45	-3	Jul	1	77	50	Nov	574	46	-2
Apr	287	56	22	Aug	2	76	46	Dec	883	37	-5

\*\*\*\*\*

Base name: LEXINGTON-BLUE GRASS ARMY DEPOT (Lexington)  
 State: KY - Kentucky  
 Latitude: 38d 2m Longitude: 84d 36m

Annual Heating Degree Days: 4814

Winter Design Temperatures: (99%) 3 (97.5%) 8 Deg F

Mean Annual Temperature : 55 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1039	32	-21	May	121	64	26	Sep	47	69	35
Feb	851	35	-15	Jun	10	72	39	Oct	280	57	20
Mar	661	44	-2	Jul	0	76	47	Nov	603	45	-3
Apr	306	55	18	Aug	0	75	42	Dec	896	36	-10

Military Installation Database List for : LA - Louisiana

Base name: FORT POLK (722390)  
State: LA - Louisiana  
Latitude: 31d 3m Longitude: 93d 11m

Annual Heating Degree Days: 1976

Winter Design Temperatures: (99%) 23 (97.5%) 27 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	520	48	1	May	0	74	39	Sep	0	77	35
Feb	388	52	5	Jun	0	80	48	Oct	77	69	24
Mar	231	61	17	Jul	0	83	53	Nov	260	60	17
Apr	57	67	29	Aug	0	82	49	Dec	443	52	8

\*\*\*\*\*

Base name: LOUISIANA ARMY AMMUNITION PLANT (Shreveport)  
State: LA - Louisiana  
Latitude: 32d 34m Longitude: 93d 34m

Annual Heating Degree Days: 2269

Winter Design Temperatures: (99%) 19 (97.5%) 24 Deg F

Mean Annual Temperature : 65 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	597	46	-2	May	9	73	42	Sep	0	77	42
Feb	438	50	2	Jun	0	80	52	Oct	76	67	31
Mar	282	57	15	Jul	0	83	58	Nov	293	56	16
Apr	69	66	31	Aug	0	82	54	Dec	505	49	6

\*\*\*\*\*

Military Installation Database List for : MA - Massachusetts

Base name: ARMY MATERIALS AND MECHANICS RESEARCH CENTER (Boston)  
 State: MA - Massachusetts  
 Latitude: 42d 21m Longitude: 71d 10m

Annual Heating Degree Days: 5593

Winter Design Temperatures: (99%) 6 (97.5%) 9 Deg F

Mean Annual Temperature : 52 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1097	30	-12	May	218	59	34	Sep	80	65	37
Feb	960	31	-18	Jun	25	68	41	Oct	329	55	25
Mar	825	38	1	Jul	0	74	50	Nov	594	45	8
Apr	489	49	13	Aug	6	72	46	Dec	970	34	-17

\*\*\*\*\*

Base name: FORT DEVENS (Fitchburg)  
 State: MA - Massachusetts  
 Latitude: 42d 34m Longitude: 71d 36m

Annual Heating Degree Days: 6619

Winter Design Temperatures: (99%) -3 (97.5%) 1 Deg F

Mean Annual Temperature : 48 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1268	24	-21	May	254	57	25	Sep	130	62	26
Feb	1106	26	-15	Jun	41	67	29	Oct	428	51	17
Mar	942	35	-8	Jul	7	72	40	Nov	735	41	0
Apr	558	46	13	Aug	12	70	35	Dec	1138	28	-12

\*\*\*\*\*

Base name: NATICK RESEARCH AND DEVELOPMENT CENTER (Framingham)  
 State: MA - Massachusetts  
 Latitude: 42d 17m Longitude: 71d 22m

Annual Heating Degree Days: 6205

Winter Design Temperatures: (99%) -3 (97.5%) 2 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1221	26	-16	May	219	59	21	Sep	101	63	29
Feb	1064	27	-12	Jun	27	68	39	Oct	394	52	21
Mar	887	36	-2	Jul	0	73	44	Nov	684	42	10
Apr	513	48	14	Aug	7	71	38	Dec	1088	30	-9



Military Installation Database List for : MD - Maryland

Base name: ABERDEEN PROVING GROUND (Chestertown)  
 State: MD - Maryland  
 Latitude: 39d 28m Longitude: 76d 10m

Annual Heating Degree Days: 4331

Winter Design Temperatures: (99%) 11 (97.5%) 15 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	939	33	-5	May	94	64	31	Sep	18	69	34
Feb	804	35	0	Jun	0	72	44	Oct	220	58	24
Mar	636	43	9	Jul	0	77	49	Nov	498	47	15
Apr	307	54	22	Aug	0	76	49	Dec	315	37	0

\*\*\*\*\*

Base name: FORT DETRICK (Rockville & Unionville)  
 State: MD - Maryland  
 Latitude: 39d 26m Longitude: 77d 26m

Annual Heating Degree Days: 5041

Winter Design Temperatures: (99%) 8 (97.5%) 12 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1042	32	-17	May	136	63	27	Sep	63	67	27
Feb	878	34	-16	Jun	12	71	34	Oct	312	56	17
Mar	698	43	-2	Jul	0	75	38	Nov	608	45	10
Apr	358	54	17	Aug	0	73	35	Dec	934	35	-7

\*\*\*\*\*

Base name: FORT MEADE (Laurel)  
 State: MD - Maryland  
 Latitude: 39d 5m Longitude: 76d 46m

Annual Heating Degree Days: 4489

Winter Design Temperatures: (99%) 6 (97.5%) 11 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	980	33	-11	May	99	64	32	Sep	21	70	34
Feb	820	36	-3	Jun	0	73	41	Oct	228	58	20
Mar	645	44	1	Jul	0	77	49	Nov	525	48	14
Apr	300	55	18	Aug	0	76	44	Dec	871	37	-3

Military Installation Database List for : MD - Maryland

Base name: FORT RITCHIE (Savage River Dam)  
State: MD - Maryland  
Latitude: 39d 26m Longitude: 77d 26m

Annual Heating Degree Days: 6335

Winter Design Temperatures: (99%) 9 (97.5%) 12 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1197	26	-25	May	245	58	24	Sep	131	62	28
Feb	1039	28	-16	Jun	60	65	33	Oct	440	51	17
Mar	874	37	-4	Jul	11	70	40	Nov	741	40	4
Apr	498	48	14	Aug	20	69	36	Dec	1079	30	-12

\*\*\*\*\*

Base name: HARRY DIAMOND LAB/SILVER SPRING (La Plata)  
State: MD - Maryland  
Latitude: 39d 10m Longitude: 77d 10m

Annual Heating Degree Days: 4384

Winter Design Temperatures: (99%) 10 (97.5%) 13 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	942	35	-8	May	98	64	29	Sep	28	69	31
Feb	790	37	-2	Jun	6	72	39	Oct	245	58	19
Mar	614	45	1	Jul	0	76	46	Nov	531	47	9
Apr	290	56	20	Aug	0	75	45	Dec	840	38	1

\*\*\*\*\*

Military Installation Database List for : MI - Michigan

Base name: CAMP GRAYLING (Houghton Lake)  
 State: MI - Michigan  
 Latitude: 44d 40m Longitude: 84d 42m

Annual Heating Degree Days: 8298

Winter Design Temperatures: (99%) -9 (97.5%) -4 Deg F

Mean Annual Temperature : 43 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1488	17	-32	May	364	54	18	Sep	242	57	22
Feb	1316	18	-38	Jun	129	63	22	Oct	561	47	16
Mar	1166	27	-20	Jul	42	67	30	Nov	903	35	-14
Apr	693	42	1	Aug	89	65	24	Dec	1305	23	-24

\*\*\*\*\*

Base name: DETROIT ARSENAL (Grosse Pt Farms)  
 State: MI - Michigan  
 Latitude: 42d 30m Longitude: 83d 2m

Annual Heating Degree Days: 6178

Winter Design Temperatures: (99%) 3 (97.5%) 6 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1240	25	-16	May	215	59	27	Sep	69	65	33
Feb	1067	27	-12	Jun	25	69	38	Oct	355	54	23
Mar	918	35	-4	Jul	0	73	45	Nov	699	42	4
Apr	510	48	12	Aug	7	72	41	Dec	1073	30	-10

\*\*\*\*\*

Base name: TACOM SUPPORT/SELFRIDGE (Grosse Pt Farms)  
 State: MI - Michigan  
 Latitude: 42d 35m Longitude: 82d 52m

Annual Heating Degree Days: 6178

Winter Design Temperatures: (99%) -1 (97.5%) 3 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1240	25	-16	May	215	59	27	Sep	69	65	33
Feb	1067	27	-12	Jun	25	69	38	Oct	355	54	23
Mar	918	35	-4	Jul	0	73	45	Nov	699	42	4
Apr	510	48	12	Aug	7	72	41	Dec	1073	30	-10

Military Installation Database List for : MN - Minnesota

Base name: CAMP RIPLEY (Collegeville St John U)  
State: MN - Minnesota  
Latitude: 45d 58m Longitude: 94d 21m

Annual Heating Degree Days: 8553

Winter Design Temperatures: (99%) -26 (97.5%) -20 Deg F

Mean Annual Temperature : 43 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1755	8	-36	May	270	57	19	Sep	193	59	23
Feb	1397	15	-30	Jun	58	66	35	Oct	514	49	13
Mar	1187	27	-30	Jul	17	71	41	Nov	1008	31	-19
Apr	636	44	2	Aug	21	69	39	Dec	1497	17	-35

\*\*\*\*\*

Base name: TWIN CITIES ARMY AMMUNITION PLANT (Maple Plain)  
State: MN - Minnesota  
Latitude: 45d 5m Longitude: 93d 10m

Annual Heating Degree Days: 8324

Winter Design Temperatures: (99%) -16 (97.5%) -12 Deg F

Mean Annual Temperature : 44 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1708	10	-39	May	254	58	18	Sep	190	60	22
Feb	1364	16	-31	Jun	67	67	33	Oct	508	49	9
Mar	1147	28	-27	Jul	18	71	42	Nov	975	33	-19
Apr	600	45	-5	Aug	33	69	36	Dec	1460	18	-33

\*\*\*\*\*

Military Installation Database List for : MO - Missouri

Base name: FORT LEONARD WOOD (724457)  
 State: MO - Missouri  
 Latitude: 37d 45m Longitude: 92d 9m

Annual Heating Degree Days: 5025

Winter Design Temperatures: (99%) 3 (97.5%) 9 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1140	30	-11	May	101	65	31	Sep	51	70	34
Feb	888	36	-8	Jun	10	74	45	Oct	245	60	23
Mar	669	47	2	Jul	1	80	49	Nov	619	47	5
Apr	302	58	23	Aug	2	78	47	Dec	997	35	-7

\*\*\*\*\*

Base name: GATEWAY ARMY AMMUNITION PLANT (St Louis AAP)  
 State: MO - Missouri  
 Latitude: 38d 42m Longitude: 90d 16m

Annual Heating Degree Days: 4938

Winter Design Temperatures: (99%) 2 (97.5%) 6 Deg F

Mean Annual Temperature : 55 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1122	29	-20	May	110	66	34	Sep	40	70	35
Feb	874	34	-17	Jun	12	75	47	Oct	258	58	22
Mar	676	43	2	Jul	0	79	48	Nov	612	45	9
Apr	279	56	22	Aug	0	77	45	Dec	955	34	-13

\*\*\*\*\*

Base name: LAKE CITY ARMY AMMUNITION PLANT (Lexington)  
 State: MO - Missouri  
 Latitude: 39d 6m Longitude: 94d 15m

Annual Heating Degree Days: 5306

Winter Design Temperatures: (99%) -3 (97.5%) 2 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1225	26	-19	May	101	66	30	Sep	34	69	32
Feb	944	31	-14	Jun	10	75	43	Oct	263	58	18
Mar	747	41	-8	Jul	0	80	50	Nov	648	43	3
Apr	305	55	14	Aug	0	77	41	Dec	1029	32	-13

Military Installation Database List for : MO - Missouri

Base name: ST. LOUIS ARMY AMMUNITION PLANT (St Louis AAP)  
State: MO - Missouri  
Latitude: 38d 41m Longitude: 90d 16m

Annual Heating Degree Days: 4938

Winter Design Temperatures: (99%) 3 (97.5%) 8 Deg F

Mean Annual Temperature : 55 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1122	29	-20	May	110	66	34	Sep	40	70	35
Feb	874	34	-17	Jun	12	75	47	Oct	258	58	22
Mar	676	43	2	Jul	0	79	48	Nov	612	45	9
Apr	279	56	22	Aug	0	77	45	Dec	955	34	-13

\*\*\*\*\*

Military Installation Database List for : MS - Mississippi

Base name: CAMP SHELBY (HATTIESBURG) (Hattiesburg)  
 State: MS - Mississippi  
 Latitude: 31d 19m Longitude: 89d 17m

Annual Heating Degree Days: 2027

Winter Design Temperatures: (99%) 20 (97.5%) 25 Deg F

Mean Annual Temperature : 66 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	531	48	4	May	6	73	40	Sep	0	77	43
Feb	398	52	7	Jun	0	79	49	Oct	80	66	23
Mar	238	58	17	Jul	0	81	57	Nov	266	57	18
Apr	60	67	31	Aug	0	81	55	Dec	448	51	7

\*\*\*\*\*

Base name: MISSISSIPPI ARMY AMMUNITION PLANT (Gulfport Naval Center)  
 State: MS - Mississippi  
 Latitude: 30d 22m Longitude: 89d 6m

Annual Heating Degree Days: 1539

Winter Design Temperatures: (99%) 28 (97.5%) 31 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	435	52	4	May	0	75	44	Sep	0	78	42
Feb	324	54	11	Jun	0	81	52	Oct	30	69	33
Mar	175	60	22	Jul	0	82	58	Nov	193	60	20
Apr	29	68	34	Aug	0	82	59	Dec	353	54	10

\*\*\*\*\*

Military Installation Database List for : NC - North Carolina

Base name: FORT BRAGG (746930)  
 State: NC - North Carolina  
 Latitude: 35d 8m Longitude: 78d 56m

Annual Heating Degree Days: 2944

Winter Design Temperatures: (99%) 18 (97.5%) 21 Deg F

Mean Annual Temperature : 62 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	730	41	-1	May	30	70	39	Sep	10	74	45
Feb	585	44	11	Jun	2	76	48	Oct	122	63	26
Mar	378	53	15	Jul	0	80	56	Nov	344	54	18
Apr	145	62	29	Aug	0	79	52	Dec	598	46	9

\*\*\*\*\*

Base name: SUNNYPOINT MILITARY OCEAN TERMINAL (Southport)  
 State: NC - North Carolina  
 Latitude: 34d 0m Longitude: 78d 0m

Annual Heating Degree Days: 2502

Winter Design Temperatures: (99%) 25 (97.5%) 29 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	604	46	0	May	15	70	36	Sep	0	75	35
Feb	504	47	9	Jun	0	76	45	Oct	95	65	23
Mar	369	53	8	Jul	0	80	52	Nov	284	56	16
Apr	113	62	25	Aug	0	79	53	Dec	518	48	2

\*\*\*\*\*

Base name: TARHEEL ARMY MISSILE PLANT (Greensboro WSO)  
 State: NC - North Carolina  
 Latitude: 36d 5m Longitude: 79d 57m

Annual Heating Degree Days: 3874

Winter Design Temperatures: (99%) 14 (97.5%) 18 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	853	38	-8	May	73	67	32	Sep	12	70	35
Feb	703	40	-4	Jun	0	74	42	Oct	221	58	20
Mar	533	48	5	Jul	0	77	48	Nov	495	49	10
Apr	215	58	21	Aug	0	76	45	Dec	769	40	0



Military Installation Database List for : NE - Nebraska

Base name: CORNHUSKER ARMY AMMUNITION PLANT (Grand Island)

State: NE - Nebraska

Latitude: 40d 55m Longitude: 98d 29m

Annual Heating Degree Days: 6482

Winter Design Temperatures: (99%) -8 (97.5%) -3 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1376	21	-29	May	169	61	22	Sep	104	64	20
Feb	1058	27	-25	Jun	27	71	36	Oct	377	53	6
Mar	902	36	-21	Jul	7	77	11	Nov	822	38	-11
Apr	447	50	-1	Aug	6	75	38	Dec	1187	27	-23

\*\*\*\*\*

Military Installation Database List for : NJ - New Jersey

Base name: BAYONNE MILITARY OCEAN TERMINAL (Long Branch)  
 State: NJ - New Jersey  
 Latitude: 40d 0m Longitude: 74d 5m

Annual Heating Degree Days: 5158

Winter Design Temperatures: (99%) 10 (97.5%) 14 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1035	32	-8	May	186	59	29	Sep	47	67	32
Feb	899	33	-12	Jun	17	69	37	Oct	236	56	24
Mar	772	40	4	Jul	0	74	46	Nov	567	46	13
Apr	447	50	17	Aug	0	73	43	Dec	902	36	-2

\*\*\*\*\*

Base name: FORT DIX (Pemberton)  
 State: NJ - New Jersey  
 Latitude: 40d 1m Longitude: 74d 38m

Annual Heating Degree Days: 5064

Winter Design Temperatures: (99%) 8 (97.5%) 11 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1042	31	-17	May	154	61	25	Sep	45	67	28
Feb	890	33	-12	Jun	8	70	36	Oct	294	56	18
Mar	732	41	2	Jul	0	74	41	Nov	576	46	11
Apr	405	52	16	Aug	0	73	37	Dec	918	35	-5

\*\*\*\*\*

Base name: FORT MONMOUTH (Long Branch)  
 State: NJ - New Jersey  
 Latitude: 40d 19m Longitude: 74d 2m

Annual Heating Degree Days: 5158

Winter Design Temperatures: (99%) 9 (97.5%) 12 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1035	32	-8	May	186	59	29	Sep	47	67	32
Feb	899	33	-12	Jun	17	69	37	Oct	286	56	24
Mar	772	40	4	Jul	0	74	46	Nov	567	46	13
Apr	447	50	17	Aug	0	73	43	Dec	902	36	-2

Military Installation Database List for : NJ - New Jersey

Base name: PICATINNY ARSENAL (Newton)  
State: NJ - New Jersey  
Latitude: 40d 56m Longitude: 74d 34m

Annual Heating Degree Days: 6504

Winter Design Temperatures: (99%) 1 (97.5%) 6 Deg F

Mean Annual Temperature : 48 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1256	25	-26	May	246	58	24	Sep	134	62	24
Feb	1086	26	-16	Jun	46	67	33	Oct	450	51	16
Mar	899	36	-7	Jul	8	71	40	Nov	738	40	4
Apr	516	48	14	Aug	12	69	34	Dec	1113	29	-12

\*\*\*\*\*

Military Installation Database List for : NM - New Mexico

Base name: FORT WINGATE DEPOT ACTIVITY (Gallup)  
 State: NM - New Mexico  
 Latitude: 35d 31m Longitude: 108d 35m

Annual Heating Degree Days: 6153

Winter Design Temperatures: (99%) -1 (97.5%) 4 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1122	29	-33	May	302	56	15	Sep	116	62	23
Feb	879	34	-23	Jun	67	65	23	Oct	420	51	12
Mar	809	39	-9	Jul	5	71	30	Nov	801	38	-31
Apr	543	47	7	Aug	10	69	34	Dec	1079	30	-21

\*\*\*\*\*

Base name: WHITE SANDS MISSILE RANGE (State University & 747340)  
 State: NM - New Mexico  
 Latitude: 32d 23m Longitude: 106d 29m

Annual Heating Degree Days: 3118

Winter Design Temperatures: (99%) 21 (97.5%) 25 Deg F

Mean Annual Temperature : 64 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	698	45	-10	May	29	72	27	Sep	0	76	40
Feb	526	49	10	Jun	0	82	43	Oct	135	65	22
Mar	404	55	11	Jul	0	82	55	Nov	468	52	-4
Apr	167	65	24	Aug	0	81	51	Dec	691	46	5

\*\*

Military Installation Database List for : NV - Nevada

Base name: HAWTHORNE ARMY AMMUNITION PLANT (Yerington)  
State: NV - Nevada  
Latitude: 38d 32m Longitude: 118d 40m

Annual Heating Degree Days: 5592

Winter Design Temperatures: (99%) 7 (97.5%) 11 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	992	33	-26	May	265	57	15	Sep	119	62	19
Feb	756	38	-18	Jun	82	65	26	Oct	406	52	5
Mar	694	43	-2	Jul	8	72	30	Nov	747	40	-5
Apr	483	49	5	Aug	39	70	26	Dec	1001	33	-20

\*\*\*\*\*

Military Installation Database List for : NY - New York

Base name: FORT DRUM (Lowville)  
 State: NY - New York  
 Latitude: 44d 2m Longitude: 75d 46m

Annual Heating Degree Days: 7890

Winter Design Temperatures: (99%) -14 (97.5%) -7 Deg F

Mean Annual Temperature : 44 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1473	18	-35	May	326	55	22	Sep	204	59	27
Feb	1282	19	-31	Jun	86	64	30	Oct	518	48	16
Mar	1101	30	-14	Jul	24	68	40	Nov	852	37	-12
Apr	666	43	7	Aug	53	66	33	Dec	1305	23	-35

\*\*\*\*\*

Base name: FORT HAMILTON (N.Y. Westerleigh Staten Island)  
 State: NY - New York  
 Latitude: 40d 36m Longitude: 74d 2m

Annual Heating Degree Days: 5123

Winter Design Temperatures: (99%) 12 (97.5%) 15 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1054	31	-13	May	169	61	34	Sep	44	67	34
Feb	904	33	-3	Jun	10	70	43	Oct	278	56	26
Mar	753	41	5	Jul	0	75	49	Nov	573	46	14
Apr	414	51	19	Aug	0	74	45	Dec	924	35	-1

\*\*\*\*\*

Base name: FORT WADSWORTH (N.Y. Westerleigh Staten Island)  
 State: NY - New York  
 Latitude: 40d 36m Longitude: 74d 3m

Annual Heating Degree Days: 5123

Winter Design Temperatures: (99%) 12 (97.5%) 15 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1054	31	-13	May	169	61	34	Sep	44	67	34
Feb	904	33	-3	Jun	10	70	43	Oct	278	56	26
Mar	753	41	5	Jul	0	75	49	Nov	573	46	14
Apr	414	51	19	Aug	0	74	45	Dec	924	35	-1

Military Installation Database List for : NY - New York

Base name: SENECA ARMY DEPOT (Penn Yan 2 SW)  
 State: NY - New York  
 Latitude: 42d 45m Longitude: 76d 50m

Annual Heating Degree Days: 6416

Winter Design Temperatures: (99%) 0 (97.5%) 5 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1240	25	-21	May	251	58	15	Sep	105	64	25
Feb	1100	26	-17	Jun	38	67	36	Oct	379	53	20
Mar	949	34	-7	Jul	12	72	39	Nov	705	42	2
Apr	543	47	10	Aug	12	70	37	Dec	1082	30	-12

\*\*\*\*\*

Base name: US MILITARY ACADEMY (West Point)  
 State: NY - New York  
 Latitude: 41d 23m Longitude: 73d 57m

Annual Heating Degree Days: 5694

Winter Design Temperatures: (99%) 2 (97.5%) 6 Deg F

Mean Annual Temperature : 52 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1172	27	-9	May	165	61	27	Sep	65	66	32
Feb	1000	29	-11	Jun	10	70	40	Oct	326	55	22
Mar	825	38	0	Jul	0	75	45	Nov	651	43	10
Apr	438	50	15	Aug	0	73	41	Dec	1042	31	-7

\*\*\*\*\*

Base name: WATERVLIET ARSENAL (Albany)  
 State: NY - New York  
 Latitude: 42d 43m Longitude: 73d 42m

Annual Heating Degree Days: 6725

Winter Design Temperatures: (99%) -2 (97.5%) 2 Deg F

Mean Annual Temperature : 48 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1330	22	-25	May	229	59	29	Sep	135	62	27
Feb	1137	24	-19	Jun	57	68	30	Oct	422	52	19
Mar	942	35	-18	Jul	16	72	43	Nov	741	40	-8
Apr	522	48	13	Aug	31	70	37	Dec	1163	28	-19

Military Installation Database List for : OH - Ohio

Base name: DEFENSE CONSTRUCTION SUPPLY CENTER (DCSC) (Mansfield)  
State: OH - Ohio  
Latitude: 41d 0m Longitude: 82d 53m

Annual Heating Degree Days: 6249

Winter Design Temperatures: (99%) -5 (97.5%) 0 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1246	25	-21	May	231	59	23	Sep	105	64	26
Feb	1058	27	-21	Jun	35	68	34	Oct	381	53	15
Mar	877	37	-16	Jul	0	72	36	Nov	726	41	-5
Apr	492	49	5	Aug	10	71	36	Dec	1088	30	-20

\*\*\*\*\*

Base name: LIMA ARMY TANK CENTER (Lima Sewage Plant)  
State: OH - Ohio  
Latitude: 40d 41m Longitude: 84d 5m

Annual Heating Degree Days: 5910

Winter Design Temperatures: (99%) -1 (97.5%) 4 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1225	26	-21	May	191	61	24	Sep	79	66	27
Feb	1019	29	-16	Jun	16	70	34	Oct	347	54	18
Mar	834	38	-8	Jul	0	74	43	Nov	699	42	-3
Apr	438	50	8	Aug	8	72	36	Dec	1054	31	-17

\*\*\*\*\*

Base name: RAVENNA ARMY AMMUNITION PLANT (Hiram)  
State: OH - Ohio  
Latitude: 41d 11m Longitude: 81d 6m

Annual Heating Degree Days: 6291

Winter Design Temperatures: (99%) -2 (97.5%) 4 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1246	25	-23	May	224	59	24	Sep	101	64	27
Feb	1067	27	-22	Jun	46	67	33	Oct	388	53	20
Mar	893	36	-7	Jul	0	71	43	Nov	726	41	-2
Apr	492	49	2	Aug	11	70	38	Dec	1097	30	-13



Military Installation Database List for : OK - Oklahoma

Base name: FORT SILL (723550)  
State: OK - Oklahoma  
Latitude: 34d 39m Longitude: 98d 24m

Annual Heating Degree Days: 3311

Winter Design Temperatures: (99%) 12 (97.5%) 16 Deg F

Mean Annual Temperature : 62 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	825	38	-2	May	33	70	35	Sep	14	75	37
Feb	611	43	2	Jun	1	79	46	Oct	113	64	26
Mar	423	52	1	Jul	0	84	52	Nov	431	51	13
Apr	151	62	24	Aug	0	83	57	Dec	709	42	2

\*\*\*\*\*

Base name: MCALESTER ARMY AMMUNITION PLANT (McAlester)  
State: OK - Oklahoma  
Latitude: 34d 50m Longitude: 95d 55m

Annual Heating Degree Days: 3361

Winter Design Temperatures: (99%) 14 (97.5%) 19 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	834	38	-14	May	34	70	34	Sep	16	74	34
Feb	613	43	-6	Jun	0	78	45	Oct	133	63	26
Mar	441	51	9	Jul	0	83	51	Nov	433	51	9
Apr	144	62	25	Aug	0	82	52	Dec	713	42	-3

\*\*\*\*\*

Military Installation Database List for : OR - Oregon

Base name: UMATILLA DEPOT ACTIVITY (Hermiston)  
State: OR - Oregon  
Latitude: 45d 48m Longitude: 119d 25m

Annual Heating Degree Days: 5205

Winter Design Temperatures: (99%) 1 (97.5%) 8 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1023	32	-35	May	184	60	22	Sep	103	64	25
Feb	731	39	-29	Jun	53	67	34	Oct	400	52	6
Mar	629	45	8	Jul	0	74	39	Nov	732	41	-12
Apr	402	52	18	Aug	18	72	36	Dec	930	35	-17

\*\*\*\*\*

Military Installation Database List for : PA - Pennsylvania

Base name: CARLISLE BARRACKS (Carlisle)  
State: PA - Pennsylvania  
Latitude: 40d 12m Longitude: 77d 11m

Annual Heating Degree Days: 5323

Winter Design Temperatures: (99%) 4 (97.5%) 9 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1107	29	-16	May	154	62	27	Sep	55	67	28
Feb	938	32	-18	Jun	13	71	35	Oct	313	55	17
Mar	747	41	-5	Jul	0	76	42	Nov	633	44	1
Apr	374	53	19	Aug	0	74	38	Dec	989	33	-15

\*\*\*\*\*

Base name: DEFENSE PERSONAL SUPPORT CENTER (DPSC) (Philadelphia)  
State: PA - Pennsylvania  
Latitude: 39d 53m Longitude: 75d 15m

Annual Heating Degree Days: 4947

Winter Design Temperatures: (99%) 10 (97.5%) 14 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1048	31	-7	May	127	63	28	Sep	33	68	35
Feb	893	33	-4	Jun	0	72	44	Oct	273	57	25
Mar	719	42	7	Jul	0	77	51	Nov	576	46	15
Apr	363	53	19	Aug	0	75	44	Dec	915	36	1

\*\*\*\*\*

Base name: FORT INDIANTOWN GAP (Ephrata & Port Clinton)  
State: PA - Pennsylvania  
Latitude: 40d 12m Longitude: 77d 11m

Annual Heating Degree Days: 5911

Winter Design Temperatures: (99%) 4 (97.5%) 8 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1166	28	-17	May	204	59	25	Sep	99	64	27
Feb	1001	29	-11	Jun	30	68	36	Oct	387	53	18
Mar	827	39	-3	Jul	5	73	43	Nov	689	43	7
Apr	459	50	13	Aug	8	71	40	Dec	1036	32	-9

Military Installation Database List for : PA - Pennsylvania

Base name: FRANKFURT ARSENAL (CLOSED) (Drexel University)  
 State: PA - Pennsylvania  
 Latitude: 40d 0m Longitude: 75d 4m

Annual Heating Degree Days: 4550

Winter Design Temperatures: (99%) 10 (97.5%) 14 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	992	33	-5	May	112	64	38	Sep	19	70	43
Feb	846	35	0	Jun	0	73	47	Oct	211	59	33
Mar	679	43	9	Jul	0	78	55	Nov	510	48	24
Apr	328	54	19	Aug	0	77	48	Dec	853	38	0

\*\*\*\*\*

Base name: LETTERKENNEY ARMY DEPOT (Chambersburg)  
 State: PA - Pennsylvania  
 Latitude: 40d 0m Longitude: 77d 39m

Annual Heating Degree Days: 5594

Winter Design Temperatures: (99%) 4 (97.5%) 8 Deg F

Mean Annual Temperature : 52 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1128	29	-12	May	172	61	27	Sep	71	65	28
Feb	960	31	-16	Jun	15	69	36	Oct	364	53	17
Mar	784	40	-2	Jul	0	73	43	Nov	675	43	10
Apr	417	51	18	Aug	0	72	37	Dec	1008	33	-13

\*\*\*\*\*

Base name: NEW CUMBERLAND ARMY DEPOT (Harrisburg)  
 State: PA - Pennsylvania  
 Latitude: 40d 13m Longitude: 76d 50m

Annual Heating Degree Days: 5335

Winter Design Temperatures: (99%) 8 (97.5%) 11 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1104	29	-9	May	150	62	31	Sep	58	67	30
Feb	938	32	-11	Jun	12	71	40	Oct	320	55	23
Mar	756	41	5	Jul	0	76	49	Nov	633	44	10
Apr	384	52	19	Aug	0	74	45	Dec	980	33	-8

Military Installation Database List for : PA - Pennsylvania

Base name: SCRANTON ARMY AMMUNITION PLANT (Wilkes-Barre Scranton)  
State: PA - Pennsylvania  
Latitude: 41d 24m Longitude: 75d 40m

Annual Heating Degree Days: 6330

Winter Design Temperatures: (99%) 3 (97.5%) 7 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1234	25	-14	May	227	59	27	Sep	117	63	30
Feb	1070	27	-16	Jun	34	67	34	Oct	417	52	19
Mar	896	36	-4	Jul	7	72	43	Nov	723	41	9
Apr	501	48	14	Aug	10	70	38	Dec	1094	30	-7

\*\*\*\*\*

Base name: TOBYHANNA ARMY DEPOT (Freeland)  
State: PA - Pennsylvania  
Latitude: 41d 11m Longitude: 75d 25m

Annual Heating Degree Days: 6911

Winter Design Temperatures: (99%) -2 (97.5%) 2 Deg F

Mean Annual Temperature : 47 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1293	23	-20	May	282	57	20	Sep	157	61	23
Feb	1120	25	-24	Jun	67	65	27	Oct	456	50	16
Mar	980	33	-7	Jul	12	69	37	Nov	786	39	-1
Apr	570	46	5	Aug	19	68	30	Dec	1169	27	-15

\*\*\*\*\*

Military Installation Database List for : SC - South Carolina

Base name: FORT JACKSON (Columbia University of S.C.)  
State: SC - South Carolina  
Latitude: 34d 1m Longitude: 80d 56m

Annual Heating Degree Days: 2299

Winter Design Temperatures: (99%) 20 (97.5%) 24 Deg F

Mean Annual Temperature : 65 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	586	46	1	May	12	73	39	Sep	0	75	43
Feb	451	49	10	Jun	0	79	50	Oct	88	65	28
Mar	295	57	12	Jul	0	81	58	Nov	286	56	15
Apr	61	66	29	Aug	0	81	55	Dec	520	48	7

\*\*\*\*\*

Military Installation Database List for : TN - Tennessee

Base name: DEFENSE DEPOT, MEMPHIS (Memphis)  
 State: TN - Tennessee  
 Latitude: 35d 5m Longitude: 89d 59m

Annual Heating Degree Days: 3207

Winter Design Temperatures: (99%) 13 (97.5%) 18 Deg F

Mean Annual Temperature : 62 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	787	40	-4	May	25	71	38	Sep	9	74	36
Feb	602	44	-11	Jun	0	79	48	Oct	137	63	25
Mar	433	52	12	Jul	0	82	52	Nov	415	51	9
Apr	126	63	29	Aug	0	81	48	Dec	673	43	-13

\*\*\*\*\*

Base name: HOLSTON ARMY AMMUNITION PLANT (Kingsport)  
 State: TN - Tennessee  
 Latitude: 36d 31m Longitude: 82d 30m

Annual Heating Degree Days: 3920

Winter Design Temperatures: (99%) 11 (97.5%) 16 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	868	37	-18	May	75	66	30	Sep	22	70	32
Feb	700	40	-3	Jun	0	72	39	Oct	222	58	19
Mar	527	48	-2	Jul	0	76	46	Nov	516	48	6
Apr	215	58	23	Aug	0	75	45	Dec	775	40	-5

\*\*\*\*\*

Base name: MILAN ARMY AMMUNITION PLANT (Milan)  
 State: TN - Tennessee  
 Latitude: 35d 54m Longitude: 88d 42m

Annual Heating Degree Days: 3909

Winter Design Temperatures: (99%) 11 (97.5%) 16 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	899	36	-20	May	66	68	32	Sep	27	71	31
Feb	711	40	-23	Jun	6	76	43	Oct	216	59	20
Mar	519	49	7	Jul	0	79	47	Nov	501	48	1
Apr	189	60	23	Aug	0	78	43	Dec	775	40	-7

Military Installation Database List for : TN - Tennessee

Base name: VOLUNTEER ARMY AMMUNITION PLANT (Chattanooga WSO)  
State: TN - Tennessee  
Latitude: 35d 5m Longitude: 85d 8m

Annual Heating Degree Days: 3583

Winter Design Temperatures: (99%) 13 (97.5%) 18 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	815	39	-10	May	56	68	34	Sep	11	72	36
Feb	644	42	1	Jun	6	75	41	Oct	190	60	22
Mar	478	50	8	Jul	0	79	51	Nov	483	49	4
Apr	171	60	26	Aug	0	78	50	Dec	729	42	-2

\*\*\*\*\*



Military Installation Database List for : TX - Texas

Base name: CORPUS CRISTI ARMY DEPOT (Corpus Cristi WSO)  
 State: TX - Texas  
 Latitude: 27d 46m Longitude: 97d 30m

Annual Heating Degree Days: 970

Winter Design Temperatures: (99%) 34 (97.5%) 38 Deg F

Mean Annual Temperature : 72 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	310	56	14	May	0	78	47	Sep	0	82	54
Feb	209	59	18	Jun	0	83	58	Oct	11	74	40
Mar	97	66	24	Jul	0	85	64	Nov	116	65	29
Apr	7	73	33	Aug	0	85	64	Dec	220	59	14

\*\*\*\*\*

Base name: FORT BLISS (El Paso)  
 State: TX - Texas  
 Latitude: 31d 51m Longitude: 106d 23m

Annual Heating Degree Days: 2664

Winter Design Temperatures: (99%) 19 (97.5%) 23 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	645	44	-8	May	0	72	31	Sep	0	74	42
Feb	465	48	8	Jun	0	31	46	Oct	96	64	25
Mar	318	55	14	Jul	0	83	57	Nov	408	51	1
Apr	93	64	23	Aug	0	80	56	Dec	639	44	5

\*\*\*\*\*

Base name: FORT HOOD (722576)  
 State: TX - Texas  
 Latitude: 31d 9m Longitude: 97d 43m

Annual Heating Degree Days: 2125

Winter Design Temperatures: (99%) 20 (97.5%) 25 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	581	48	7	May	0	74	42	Sep	0	78	42
Feb	422	51	7	Jun	0	81	51	Oct	46	69	31
Mar	270	59	16	Jul	0	84	61	Nov	264	57	21
Apr	68	67	32	Aug	0	84	61	Dec	474	51	9

Military Installation Database List for : TX - Texas

Base name: FORT SAM HOUSTON (San Antonio WSO)  
 State: TX - Texas  
 Latitude: 29d 27m Longitude: 98d 26m

Annual Heating Degree Days: 1606

Winter Design Temperatures: (99%) 25 (97.5%) 30 Deg F

Mean Annual Temperature : 69 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	463	50	0	May	0	76	43	Sep	0	79	46
Feb	319	54	6	Jun	0	82	53	Oct	41	70	33
Mar	178	62	19	Jul	0	85	62	Nov	199	60	21
Apr	28	70	31	Aug	0	84	61	Dec	378	53	9

\*\*\*\*\*

Base name: LONE STAR ARMY AMMUNITION PLANT, TEXARKANA (Texarkana, Ar)  
 State: TX - Texas  
 Latitude: 33d 27m Longitude: 94d 14m

Annual Heating Degree Days: 2501

Winter Design Temperatures: (99%) 18 (97.5%) 23 Deg F

Mean Annual Temperature : 64 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	648	44	-7	May	7	72	38	Sep	0	76	37
Feb	473	48	-3	Jun	0	79	50	Oct	88	66	27
Mar	326	55	11	Jul	0	83	57	Nov	324	55	18
Apr	86	65	24	Aug	0	82	51	Dec	549	47	6

\*\*\*\*\*

Base name: LONGHORN ARMY AMMUNITION PLANT (Marshall)  
 State: TX - Texas  
 Latitude: 32d 40m Longitude: 94d 9m

Annual Heating Degree Days: 2542

Winter Design Temperatures: (99%) 19 (97.5%) 24 Deg F

Mean Annual Temperature : 64 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	648	44	-5	May	17	72	38	Sep	6	77	35
Feb	480	48	4	Jun	0	79	47	Oct	101	66	23
Mar	322	55	12	Jul	0	83	52	Nov	328	54	14
Apr	85	65	26	Aug	0	82	53	Dec	555	47	5

Military Installation Database List for : TX - Texas

Base name: RED RIVER ARMY DEPOT (Texarkana, Ar)  
State: TX - Texas  
Latitude: 33d 27m Longitude: 94d 20m

Annual Heating Degree Days: 2501

Winter Design Temperatures: (99%) 18 (97.5%) 23 Deg F

Mean Annual Temperature : 64 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	648	43	-7	May	7	72	38	Sep	0	76	37
Feb	473	48	-3	Jun	0	79	50	Oct	88	66	27
Mar	326	55	11	Jul	0	83	57	Nov	324	55	18
Apr	86	65	24	Aug	0	82	51	Dec	549	57	6

\*\*\*\*\*

Base name: SAGINAW ARMY AIRCRAFT PLANT (Dallas-Fort Worth IAP)  
State: TX - Texas  
Latitude: 32d 50m Longitude: 97d 3m

Annual Heating Degree Days: 2407

Winter Design Temperatures: (99%) 17 (97.5%) 22 Deg F

Mean Annual Temperature : 66 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	651	44	4	May	0	74	41	Sep	0	79	40
Feb	469	49	12	Jun	0	82	51	Oct	56	68	29
Mar	313	56	17	Jul	0	86	59	Nov	300	56	20
Apr	85	66	30	Aug	0	86	56	Dec	533	48	10

\*\*\*\*\*

Military Installation Database List for : UT - Utah

Base name: DEFENSE DEPOT, ODGEN (Ogden MAP)  
 State: UT - Utah  
 Latitude: 41d 12m Longitude: 112d 1m

Annual Heating Degree Days: 5866

Winter Design Temperatures: (99%) 1 (97.5%) 5 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1128	29	-13	May	220	59	31	Sep	111	65	34
Feb	879	34	-6	Jun	54	68	39	Oct	375	53	28
Mar	775	40	7	Jul	0	77	46	Nov	768	39	14
Apr	480	49	25	Aug	6	74	46	Dec	1070	31	-1

\*\*\*\*\*

Base name: DUGWAY PROVING GROUND (Dugway)  
 State: UT - Utah  
 Latitude: 40d 12m Longitude: 112d 56m

Annual Heating Degree Days: 5967

Winter Design Temperatures: (99%) 0 (97.5%) 5 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1156	28	-25	May	222	59	21	Sep	104	65	22
Feb	854	35	-11	Jun	44	69	31	Oct	409	52	9
Mar	769	40	-6	Jul	0	79	37	Nov	804	38	-8
Apr	483	49	13	Aug	0	76	39	Dec	1122	29	-20

\*\*\*\*\*

Base name: FORT DOUGLAS (Salt Lake City WSFO)  
 State: UT - Utah  
 Latitude: 40d 46m Longitude: 111d 58m

Annual Heating Degree Days: 5802

Winter Design Temperatures: (99%) 3 (97.5%) 8 Deg F

Mean Annual Temperature : 52 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1128	29	-22	May	220	59	25	Sep	97	65	27
Feb	865	34	-10	Jun	53	68	35	Oct	377	53	16
Mar	753	41	2	Jul	0	78	40	Nov	759	40	-14
Apr	474	49	15	Aug	0	75	37	Dec	1076	30	-15

Military Installation Database List for : UT - Utah

Base name: TOOELE ARMY DEPOT (Tooele)  
State: UT - Utah  
Latitude: 40d 31m Longitude: 112d 25m

Annual Heating Degree Days: 5974

Winter Design Temperatures: (99%) 4 (97.5%) 9 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1101	30	-13	May	253	58	21	Sep	122	64	28
Feb	871	34	-5	Jun	67	67	33	Oct	414	52	11
Mar	787	40	3	Jul	0	76	43	Nov	786	39	-7
Apr	510	48	18	Aug	0	73	42	Dec	1063	31	-12

\*\*\*\*\*

Military Installation Database List for : VA - Virginia

Base name: ARLINGTON HALL STATION (Washington National)  
 State: VA - Virginia  
 Latitude: 38d 52m Longitude: 77d 6m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 13 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3

\*\*\*\*\*

Base name: CAMERON STATION (Washington National)  
 State: VA - Virginia  
 Latitude: 38d 48m Longitude: 77d 7m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 13 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3

\*\*\*\*\*

Base name: DEFENSE GENERAL SUPPLY CENTER (DGSC) (Richmond)  
 State: VA - Virginia  
 Latitude: 37d 26m Longitude: 77d 27m

Annual Heating Degree Days: 3960

Winter Design Temperatures: (99%) 14 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	880	37	-6	May	65	66	31	Sep	24	70	35
Feb	731	39	-8	Jun	0	74	40	Oct	221	59	21
Mar	552	47	11	Jul	0	78	51	Nov	483	49	14
Apr	226	58	23	Aug	0	77	47	Dec	778	40	1

Military Installation Database List for : VA - Virginia

Base name: FORT A.P. HILL (Fredericksburg Nat Pk)  
 State: VA - Virginia  
 Latitude: 38d 8m Longitude: 77d 21m

Annual Heating Degree Days: 4360

Winter Design Temperatures: (99%) 10 (97.5%) 14 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	939	35	-12	May	78	65	28	Sep	30	69	30
Feb	801	36	-10	Jun	0	73	37	Oct	247	58	21
Mar	608	45	3	Jul	0	77	44	Nov	537	47	4
Apr	280	56	20	Aug	0	76	40	Dec	840	38	-6

\*\*\*\*\*

Base name: FORT BELVOIR (724037)  
 State: VA - Virginia  
 Latitude: 38d 43m Longitude: 77d 11m

Annual Heating Degree Days: 4680

Winter Design Temperatures: (99%) 8 (97.5%) 12 Deg F

Mean Annual Temperature : 55 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1010	32	-10	May	117	64	29	Sep	47	69	35
Feb	829	36	-2	Jun	14	72	40	Oct	280	57	24
Mar	645	44	-2	Jul	0	76	50	Nov	547	47	16
Apr	327	55	19	Aug	1	75	44	Dec	863	37	-4

\*\*\*\*\*

Base name: FORT EUSTIS (723087)  
 State: VA - Virginia  
 Latitude: 37d 8m Longitude: 76d 37m

Annual Heating Degree Days: 3297

Winter Design Temperatures: (99%) 17 (97.5%) 20 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	763	39	8	May	51	67	43	Sep	0	72	44
Feb	650	41	11	Jun	0	75	45	Oct	136	61	32
Mar	490	49	19	Jul	0	79	50	Nov	366	52	23
Apr	199	58	30	Aug	0	78	53	Dec	642	42	13

Military Installation Database List for : VA - Virginia

Base name: FORT LEE (Hopewell)  
 State: VA - Virginia  
 Latitude: 37d 14m Longitude: 77d 21m

Annual Heating Degree Days: 3371

Winter Design Temperatures: (99%) 14 (97.5%) 17 Deg F

Mean Annual Temperature : 60 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	784	40	-11	May	36	68	30	Sep	10	72	38
Feb	647	42	-3	Jun	0	75	40	Oct	159	61	23
Mar	477	50	8	Jul	0	79	47	Nov	402	52	15
Apr	165	60	23	Aug	0	78	46	Dec	691	43	3

\*\*\*\*\*

Base name: FORT MONROE (Norfolk)  
 State: VA - Virginia  
 Latitude: 37d 0m Longitude: 76d 19m

Annual Heating Degree Days: 3446

Winter Design Temperatures: (99%) 17 (97.5%) 20 Deg F

Mean Annual Temperature : 60 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	778	40	16	May	53	66	40	Sep	9	72	51
Feb	669	41	12	Jun	0	74	52	Oct	146	61	35
Mar	512	49	22	Jul	0	78	60	Nov	393	52	21
Apr	219	58	30	Aug	0	78	56	Dec	667	44	16

\*\*\*\*\*

Base name: FORT MYER (Washington National)  
 State: VA - Virginia  
 Latitude: 38d 53m Longitude: 77d 5m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 14 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3



Military Installation Database List for : VA - Virginia

Base name: FORT PICKETT (Lawrenceville)  
 State: VA - Virginia  
 Latitude: 37d 5m Longitude: 77d 57m

Annual Heating Degree Days: 3769

Winter Design Temperatures: (99%) 15 (97.5%) 19 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	822	39	-10	May	72	66	28	Sep	20	70	34
Feb	689	40	-6	Jun	8	73	36	Oct	214	59	16
Mar	520	48	8	Jul	0	77	46	Nov	462	50	9
Apr	212	58	17	Aug	0	76	40	Dec	750	41	-2

\*\*\*\*\*

Base name: FORT STORY (Oceana NAS)  
 State: VA - Virginia  
 Latitude: 36d 56m Longitude: 76d 0m

Annual Heating Degree Days: 3474

Winter Design Temperatures: (99%) 19 (97.5%) 22 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	773	40	2	May	82	66	35	Sep	9	72	48
Feb	659	42	7	Jun	6	74	45	Oct	147	62	29
Mar	517	48	20	Jul	0	78	54	Nov	379	53	22
Apr	247	58	28	Aug	0	77	50	Dec	655	44	10

\*\*\*\*\*

Base name: RADFORD ARMY AMMUNITION PLANT (Blacksburg)  
 State: VA - Virginia  
 Latitude: 37d 11m Longitude: 80d 33m

Annual Heating Degree Days: 5507

Winter Design Temperatures: (99%) 9 (97.5%) 14 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1057	31	-18	May	201	60	23	Sep	101	64	22
Feb	899	33	-12	Jun	58	67	30	Oct	388	53	13
Mar	741	41	2	Jul	8	71	41	Nov	672	43	0
Apr	411	51	14	Aug	10	70	36	Dec	961	34	-8

Military Installation Database List for : VA - Virginia

Base name: VINT HILLS FARMS STATION (Warrenton)  
State: VA - Virginia  
Latitude: 38d 45m Longitude: 77d 41m

Annual Heating Degree Days: 4813

Winter Design Temperatures: (99%) 7 (97.5%) 11 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1014	32	-11	May	127	63	30	Sep	35	68	35
Feb	865	34	-2	Jun	14	71	39	Oct	276	57	24
Mar	685	43	6	Jul	0	75	48	Nov	564	46	8
Apr	334	54	15	Aug	0	74	44	Dec	899	36	-2

\*\*\*\*\*

Military Installation Database List for : VT - Vermont

Base name: ETHAN ALLEN FIRING RANGE (Burlington WSO)  
State: VT - Vermont  
Latitude: 44d 28m Longitude: 73d 9m

Annual Heating Degree Days: 7953

Winter Design Temperatures: (99%) -12 (97.5%) -7 Deg F

Mean Annual Temperature : 44 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1500	17	-30	May	326	55	24	Sep	202	59	25
Feb	1313	18	-30	Jun	64	65	30	Oct	530	48	15
Mar	1110	29	-24	Jul	23	70	39	Nov	852	37	-3
Apr	669	43	2	Aug	50	67	35	Dec	1314	23	-29

\*\*\*\*\*

Military Installation Database List for : WA - Washington

Base name: FORT LAWTON (Seattle EMSU WSO)  
 State: WA - Washington  
 Latitude: 47d 39m Longitude: 122d 25m

Annual Heating Degree Days: 4681

Winter Design Temperatures: (99%) 21 (97.5%) 25 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	756	41	0	May	274	56	28	Sep	142	61	35
Feb	582	44	1	Jun	148	61	38	Oct	347	54	28
Mar	598	46	11	Jul	64	65	43	Nov	564	46	6
Apr	438	50	29	Aug	74	65	44	Dec	694	43	6

\*\*\*\*\*

Base name: FORT LEWIS (742070)  
 State: WA - Washington  
 Latitude: 47d 5m Longitude: 122d 35m

Annual Heating Degree Days: 5353

Winter Design Temperatures: (99%) 19 (97.5%) 24 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	831	39	6	May	358	54	30	Sep	183	59	32
Feb	651	42	9	Jun	196	59	33	Oct	414	51	24
Mar	649	45	19	Jul	89	63	39	Nov	623	44	3
Apr	513	48	26	Aug	79	64	39	Dec	767	40	4

\*\*\*\*\*

Base name: VANCOUVER BARRACKS (Ft Lewis - 742070)  
 State: WA - Washington  
 Latitude: 47d 5m Longitude: 122d 35m

Annual Heating Degree Days: 5353

Winter Design Temperatures: (99%) 19 (97.5%) 24 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	831	39	6	May	358	54	30	Sep	183	59	32
Feb	651	42	9	Jun	196	59	33	Oct	414	51	24
Mar	649	45	19	Jul	89	63	39	Nov	623	44	3
Apr	513	48	26	Aug	79	64	39	Dec	767	40	4

Military Installation Database List for : WA - Washington

Base name: YAKIMA FIRING CENTER (Yakima WSO)  
State: WA - Washington  
Latitude: 46d 41m Longitude: 120d 28m

Annual Heating Degree Days: 6031

Winter Design Temperatures: (99%) -3 (97.5%) 4 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1141	28	-21	May	254	57	25	Sep	161	61	24
Feb	809	36	-25	Jun	101	65	30	Oct	468	50	11
Mar	716	42	-1	Jul	18	70	34	Nov	804	38	-13
Apr	474	49	20	Aug	46	69	35	Dec	1039	32	-17

\*\*\*\*\*

Military Installation Database List for : WI - Wisconsin

Base name: BADGER ARMY AMMUNITION PLANT (Prairie Du Sac 2 N)  
State: WI - Wisconsin  
Latitude: 43d 22m Longitude: 89d 45m

Annual Heating Degree Days: 7470

Winter Design Temperatures: (99%) -11 (97.5%) -7 Deg F

Mean Annual Temperature : 46 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1531	16	-42	May	239	58	26	Sep	126	62	26
Feb	1246	21	-30	Jun	39	68	39	Oct	452	51	14
Mar	1054	31	-28	Jul	7	72	45	Nov	879	36	-9
Apr	561	46	9	Aug	18	70	38	Dec	1318	23	-23

\*\*\*\*\*

Base name: FORT McCOY (Sparta)  
State: WI - Wisconsin  
Latitude: 44d 1m Longitude: 90d 41m

Annual Heating Degree Days: 7802

Winter Design Temperatures: (99%) -15 (97.5%) -12 Deg F

Mean Annual Temperature : 45 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1606	13	-48	May	247	58	21	Sep	160	60	19
Feb	1291	19	-40	Jun	54	67	32	Oct	485	50	10
Mar	1076	30	-30	Jul	12	71	40	Nov	918	34	-18
Apr	561	46	-1	Aug	22	69	32	Dec	1370	21	-35

\*\*\*\*\*

## DISTRIBUTION

AWS/DO, Scott AFB, IL 62225-5008 .....	1
AWS/XT, Scott AFB, IL 62225-5008.....	1
AWS/XTX, Scott AFB, IL 62225-5008.....	1
AFOTEC/WE, Kirtland AFB, NM 87117-7001 .....	1
CACDA, OL-E, HQ AWS, ATZL-CAW-E, Ft Leavenworth, KS 66027-5300 .....	1
OL-H, HQ AWS (ATSI-CD-SW), Ft Huachuca, AZ 85613-7000 .....	1
OL-I, HQ AWS (ATWE), Ft Monroe, VA 23651-5051 .....	1
Det 1, HQ AWS, Pentagon, Washington, DC 20330-6560.....	1
Det 2, HQ AWS, Pentagon, Washington, DC 20330-5054.....	1
1WW/DN, Hickam AFB, HI 96853-5000.....	1
11WS/DON, Elmendorf AFB, AK 99506-5000.....	1
20WS/DON, APO San Francisco 96328-5000.....	1
30WS/DON, APO San Francisco 96301-0420.....	1
2WW/DN, APO New York 09094-5000.....	1
7WS/DON, APO New York 09403-5000.....	1
28WS/DON, APO New York 09127-5000.....	1
31WS/DON, APO New York 09136-5000.....	1
3WW/DN, Offutt AFB, NE 68113-5000.....	1
9WS/DON, March AFB, CA 92518-5000.....	1
24WS/DON, Randolph AFB, TX 78150-5000.....	1
26WS/DON, Barksdale AFB, LA 71110-5002 .....	1
4WW/DN, Peterson AFB, CO 80914-5000 .....	1
2WS/DON, Andrews AFB, MD 20334-5000.....	19
5WW/DN, Langley AFB, VA 23665-5000.....	1
1WS/DON MacDill AFB, FL 33608-5000 .....	1
3WS/DON, Shaw AFB, SC 29152-5000.....	1
5WS/DON, Ft McPherson, GA 30330-5000.....	20
25WS/DON, Bergstrom AFB, TX 78743-5000 .....	1
AFGWC/SDSL, Offutt AFB, NE 68113-5000.....	1
USAFETAC, Scott AFB, IL 62225-5438.....	5
7WW/DN, Scott AFB, IL 62225-5008.....	1
6WS/DON, Hurlburt Field, FL 32544-5000.....	1
15WS/DON, McGuire AFB, NJ 08641-5002.....	1
17WS/DON, Travis AFB, CA 94535-5986.....	1
3350 TECH TG/TTGU-W, Stop 62, Chanute AFB, IL 61868-5000.....	1
GL Library, Attn: SULLR, Stop 29, Hanscom AFB, MA 01731-5000.....	1
Atmospheric Sciences Laboratory, Attn: SLCAS-AT-AB, Aberdeen Proving Grounds, MD 21005-5001 .....	1
Atmospheric Sciences Laboratory, White Sands Missile Range, NM 88002-5501 .....	1
U.S. Army Missile Command, ATTN: AMSMI-RD-TE-T, Redstone Arsenal, AL 35898-5250 .....	1
Technical Library, Dugway Proving Ground, Dugway, UT 84022-5000.....	1
NCDC Library (D542X2), Federal Building, Asheville, NC 28801-2723 .....	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145 .....	2
JSOC/Wcathcr, P.O. Box 70239, Fort Bragg, NC 28307-5000.....	1
75th RGR (Attn: SWO), Ft Benning, GA 31905-5000.....	1
HQ 5th U.S. Army, AFKB-OP (SWO), Ft Sam Houston, TX 78234-7000 .....	1
CERL-ESD, P.O. Box 4005, Chanpaign, IL 61820-1305.....	5
AUL/LSE, Maxwell AFB, AL 36112-5564.....	1
AWSTL, Scott AFB, IL 62225-5438 .....	50