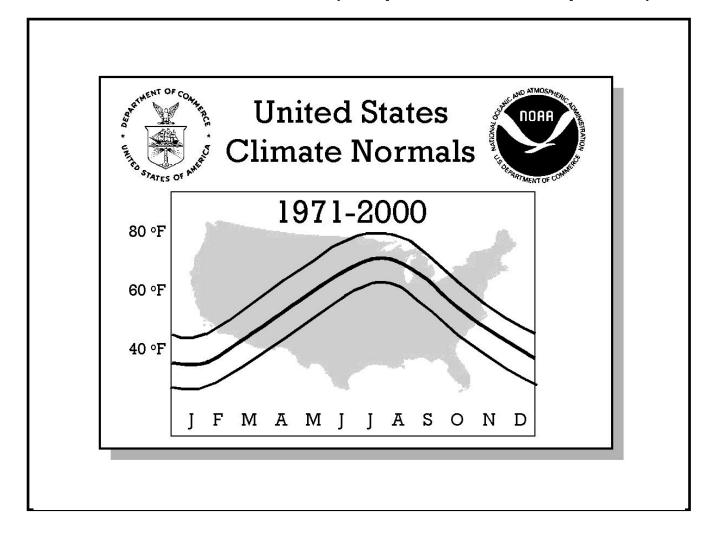


State, Regional, and National Seasonal Temperature and Precipitation

Weighted by Area 1971 – 2000 (and previous normals periods)





HISTORICAL CLIMATOGRAPHY SERIES 4-3

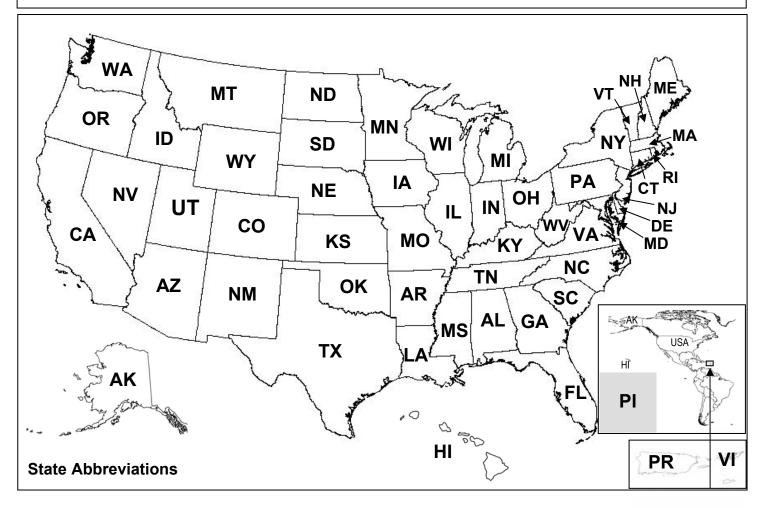
Temperature (°F) and Precipitation (inches)

Page 2

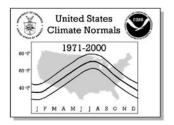
Historical Climatography Series: Normals (Present Series Highlighted):

HCS 4-1: Area-Weighted Temperature HCS 5-1: Population-Weighted Heating Degree Days HCS 4-2: Area-Weighted Precipitation HCS 5-2: Population-Weighted Cooling Degree Days

HCS 4-3: Area-Weighted Seasonal Temperature and Precipitation



		State Identification	Codes	(Code/State Name/Abbrevia	ation)		
01 Alabama	AL	16 Louisiana	LA	31 North Carolina	NC	46 West Virginia	WV
02 Arizona	AZ	17 Maine	ME	32 North Dakota	ND	47 Wisconsin	WI
03 Arkansas	AR	18 Maryland	MD	33 Ohio	OH	48 Wyoming	WY
04 California	CA	19 Massachusetts	MA	34 Oklahoma	OK	50 Alaska	AK
05 Colorado	CO	20 Michigan	MI	35 Oregon	OR	51 Hawaii	HI
06 Connecticut	CT	21 Minnesota	MN	36 Pennsylvania	PA	66 Puerto Rico	PR
07 Delaware	DE	22 Mississippi	MS	37 Rhode Island	RI	67 Virgin Islands	VI
08 Florida	FL	23 Missouri	MO	38 South Carolina	SC	91 Pacific Islands	PI
09 Georgia	GA	24 Montana	MT	39 South Dakota	SD		
10 Idaho	ID	25 Nebraska	NE	40 Tennessee	TN		
11 Illinois	IL	26 Nevada	NV	41 Texas	TX		
12 Indiana	IN	27 New Hampshire	NH	42 Utah	UT		
13 Iowa	IA	28 New Jersey	NJ	43 Vermont	VT		
14 Kansas	KS	29 New Mexico	NM	44 Virginia	VA		
15 Kentucky	KY	30 New York	NY	45 Washington	WA		



HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Page 3 NOTES

Product Description:

Historical Climatography Series (HCS) 4-1,2,3 and 5-1,2 include normals and standard deviations for the five 30-year normals periods and the 70-year period between 1931-2000 for U.S. States, regions, and the conterminous United States. Statistics are based on weighted divisional data from Climatography of the United States, Number 85 for U.S. States, and in turn from these state values for regional and national computations. Two sets of regions are included: 1.) U.S. Census Bureau regions, excluding Hawaii and Alaska from the Western Region; and 2.) NCDC regions used for climate monitoring (Karl and Koss, 1984). HCS 4-1,2, and 3 provide area-weighted temperature and precipitation statistics, while HCS 5-1,2 provide populationweighted degree day statistics. Population weights are based on the 2000 U.S. Census. Both area and population weights are provided on pages 4 and 5.

The normals and standard deviations include values for each of the 12 calendar months and an annual value, plus 4 seasonal averages in HCS 4-3. The data are presented by abbreviation/name and number for a state, region, or the conterminous U.S. State data for the conterminous United States are presented alphabetically, followed by data for Alaska, Hawaii, Puerto Rico, the Virgin Islands, and Pacific trust territories, followed by regional/national data. Data elements include time of observation-corrected mean temperature (°F), precipitation (inches), and heating and cooling degree days (base 65 °F).

Abbreviations:

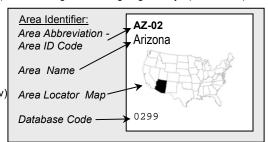
AVERAGE = Mean of Element for all Months (or Annual Values) for the Given Period of Record. STD DEV = Standard Deviation for all Months (or Annual Values) for the Given Period of Record.

31-00 = 1931 through 2000 Long-Term Period of Record. WIN = Winter Season (Dec-Feb) **31-60** = 1931 through 1960 Normal Period of Record. **SPR** = Spring Season (Mar-May)

41-70 = 1941 through 1970 Normal Period of Record. **SUM** = Summer Season (Jun-Aug)

51-80 = 1951 through 1980 Normal Period of Record. AUT = Autumn (Fall) Season (Sep-Nov) **61-90** = 1961 through 1990 Normal Period of Record. **Temp** = Temperature (deg F) 71-00 = 1971 through 2000 Normal Period of Record.

Prcp = Precipitation (inches)



Computational Procedures:

State, regional, and national values are derived from divisional data. Monthly divisional average temperature and total precipitation data are derived by giving equal weight to all stations reporting both temperature and precipitation within an area, except for Hawaii, where any available stations (including precipitation-only stations) are used. The number of reporting stations within a division varies from month-to-month and year-to-year. Station data are not adjusted for inhomogeneities.

Temperature (and, resultantly, degree day) values are corrected for time of observation in the conterminous U.S. In the conterminous U.S., observers at National Weather Service cooperative stations often take one observation per day, and the ending time of the climatological day can vary from station-tostation as well as year-to-year. Differences of the 24-hour period over which maximum and minimum temperature (as well as average temperature) is reported impact the calculated monthly mean temperature. These potential biases are rectified by adjusting for varying observation times using a model (Karl et al., 1986) to adjust the climate division averages so that stations end the climatological day at midnight (i.e., climatological/calendar day coincide).

Monthly divisional temperature normals and 70-year averages are computed by adding the yearly values for a given month and then dividing by the number of years in the period. The annual normal and 70-year average are computed by adding all of the monthly normal or long-term average values and then dividing by 12. Precipitation normals and long-term means are computed in a similar manner, except for the annual, which is the sum of monthly values.

Sequential monthly degree days are derived using a modification of the Rational Conversion Formulae developed by Thom (1954, 1966). This technique utilizes the historical monthly average temperature and its corresponding standard deviation (over the standardizing period 1931-2000) to compute degree days. The modified Thom technique derives the monthly degree days using a spline fit of the monthly mean temperature and standard deviations to ameliorate the month-to-month step function that is inherent with only a single monthly input. The procedure for the computation of the divisional degree day normals involves i.) Calculation of the standard deviations of the temperatures for each of the 12 calendar months over the standardizing period; ii.) Use of the modified Thom technique to compute the heating and cooling degree days for every month and year in the period 1931-2000; and iii.) Calculation of the 30-year normals and 70-year (1931-2000) long-term averages of the degree days using the procedure discussed above. Standard deviations are computed using the sum and sum square values from the corresponding period of month-year sequential values. For annual temperature, the sum and sum square of the annual values are used, while for annual precipitation, the sum and sum square of monthly values are used.

Database Codes:

Database codes include four digits. The first two digits match the state identification codes listed on page 2 for U.S. States/Territories, or are assigned 56 for NCDC regions, 58 for U.S. Census regions, and 59 for the conterminous U.S. The second two digits are assigned 99 for U.S. States/Territories and the conterminous U.S., and the following values for regions:

U.S. Census Regions: 01=New England, 02=Middle Atlantic, 03=East North Central, 04=West North Central, 05=South Atlantic, 06=East South Central,

07=West South Central, 08=Mountain, 09=Pacific.

NCDC Regions: 01=Northeast, 02=East North Central, 03=Central, 04=Southeast, 05=West North Central, 06=South, 07=Southwest,

08=Northwest, 09=West.

Karl, T.R., C.N. Williams, Jr., P.J. Young, and W.M. Wendland, 1986: "A model to estimate the time of observation bias associated with monthly mean maximum, minimum, and mean temperatures for the United States," Journal of Climate and Applied Meteorology, Vol. 25, pp. 145-160.

Karl, T.R. and W.J. Koss, 1984: Historical Climatography Series 4-3: Regional and National Monthly, Seasonal and Annual Temperature Weighted by Area, 1895-1983, NOAA/NESDIS/NCDC.

Guttman, N.B. and R.G. Quayle, 1995: "A Historical Perspective of U.S. Climate Divisions", Bulletin of the American Meteorological Society, Statistical descriptors of climate, Bulletin of the American Meteorological Society, Vol. 77, no. 2, pp. 293-303.

NOAA, 2002: Hawaii Precipitation Frequency Study: Update of Technical Paper No. 43, NOAA/NWS/Office of Hydrology.

Thom, H.C.S., 1954: "The rational relationship between heating degree days and temperature," Monthly Weather Review, Vol. 82, pp. 1-6.

Thom, H.C.S., 1966: "Normal degree days above any base by the universal truncation coefficient," Monthly Weather Review, Vol. 94, pp. 461-465.

Release Date: August 15, 2002 National Climatic Data Center/NESDIS/NOAA, Asheville, North Carolina

HISTORICAL CLIMATOGRAPHY SERIES 4-3

Page 4

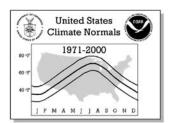
Temperature (°F) and Precipitation (inches)

Area and Population Weights (State in Region)

State	State	Area	Census 2000	U.S. Census	NCDC	Weigh	nts Within Re	gion
Code	Abbreviation	(sq. miles)	Population	Region [‡]	Region [‡]	Census Area	Census Pop	NCDC Area
01	AL	51,610	4,447,100	6	4	0.28363	0.26124	0.17577
02	AZ	113,909	5,130,632	8	7	0.13186	0.28233	0.26819
03	AR	53,104	2,673,400	7	6	0.12100	0.08502	0.09335
04	CA	158,693	33,871,648	9	9	0.49000	0.78430	0.58943
05	CO	104,246	4,301,261	8	7	0.12067	0.23669	0.24544
06	CT	5,009	3,405,565	1	1	0.07520	0.24461	0.02752
07	DE	2,057	783,600	5	1	0.00738	0.01514	0.01130
08	FL	58,560	15,982,378	5	4	0.21002	0.30872	0.19944
09	GA	58,876	8,186,453	5	4	0.21115	0.15813	0.20051
10	ID	83,557	1,293,953	8	8	0.09672	0.07121	0.33593
11	IL	56,399	12,419,293	3	3	0.22716	0.27504	0.18169
12	IN	36,291	6,080,485	3	3	0.14617	0.13466	0.11691
13	IA	56,288	2,926,324	4	2	0.10882	0.15211	0.22098
14	KS	82,264	2,688,418	4	6	0.15904	0.13975	0.14461
15	KY	40,395	4,041,769	6	3	0.22199	0.23743	0.13013
16	LA	48,522	4,468,976	7	6	0.11056	0.14212	0.08530
17	ME	33,215	1,274,923	1	1	0.49866	0.09157	0.18251
18	MD*	10,578	5,868,545	5	1	0.03794	0.11336	0.05812
19	MA	8,257	6,349,097	1	1	0.12396	0.45603	0.04537
20	MI	58,214	9,938,444	3	2	0.23447	0.22010	0.22854
21	MN	84,068	4,919,479	4	2	0.16253	0.25572	0.33004
22	MS	47,715	2,844,658	6	6	0.26222	0.16711	0.08388
23	MO	69,686	5,595,211	4	3	0.13473	0.29085	0.22449
24	MT	147,138	902,195	8	5	0.17032	0.04965	0.31307
25	NE	77,227	1,711,263	4	5	0.14930	0.08895	0.16432
26	NV	110,540	1,998,257	8	9	0.12796	0.10996	0.41057
27	NH	9,304	1,235,786	1	1	0.13968	0.08876	0.05112
28	NJ	7,836	8,414,350	2	1	0.07627	0.21210	0.04306
29	NM	121,666	1,819,046	8	7	0.14084	0.10010	0.28645
30	NY	49,576	18,976,457	2	1	0.48251	0.47833	0.27241
31	NC	52,712	8,049,313	5	4	0.18904	0.15549	0.17952
32	ND	70,665	642,200	4	5	0.13662	0.03338	0.15035
33	OH	41,222	11,353,140	3	3	0.16603	0.25143	0.13280
34	OK	69,920	3,450,654	7	6	0.15931	0.10974	0.12291
35	OR	96,981	3,421,399	9	8	0.29945	0.07922	0.38990
36	PA	45,334	12,281,054		1	0.44122	0.30957	0.24910
37	RI	1,214	1,048,319		1	0.01823	0.07530	0.00667
38	SC	31,055	4,012,012		4	0.11137	0.07750	0.10576
39	SD	77,047	754,844	4	5	0.14896	0.03924	0.16393
40	TN	42,244	5,689,283		3	0.23216	0.33422	0.13609
41	TX	267,340	20,851,820		6	0.60913	0.66312	0.46995
42	UT	84,916	2,233,169	8	7	0.09830	0.12289	0.19993
43	VT	9,610	608,827	1	1	0.14427	0.04373	0.05281
44	VA	40,816	7,078,515		4	0.14638	0.13673	0.13901
45	WA	68,192	5,894,121	9	8	0.21056	0.13648	0.27416
46	WV	24,180	1,808,344	5	3	0.08672	0.03493	0.07790
47	WI	56,154	5,363,675		2	0.22617	0.11877	0.22045
48	WY	97,914	493,782		5	0.11334	0.02717	0.20833

^{*}Maryland includes area and population for the District of Columbia.

[‡]Region codes are defined on page 5.



HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Area and Population Weights (Region in Nation)

Page 5

U.S. Census Regions

Region	Region Name	States Within Region	Area	Census 2000	Weights Wi	thin Nation^
Code	-	-	(sq. miles)	Population	Area	Population
01	New England	CT,ME,MA,NH,RI,VT	66,609	13,922,517	0.02204	0.04980
02	Middle Atlantic	NJ,NY,PA	102,746	39,671,861	0.03400	0.14190
03	East North Central	IL,IN,MI,OH,WI	248,280	45,155,037	0.08215	0.16151
04	West North Central	IA,KS,MN,MO,NE,ND,SD	517,245	19,237,739	0.17114	0.06881
05	South Atlantic	DE,FL,GA,MD*,NC,SC,VA,WV	278,834	51,769,160	0.09226	0.18517
06	East South Central	AL,KY,MS,TN	181,964	17,022,810	0.06021	0.06089
07	West South Central	AR,LA,OK,TX	438,886	31,444,850	0.14522	0.11247
08	Mountain	AZ,CO,ID,MT,NV,NM,UT,WY	863,886	18,172,295	0.28584	0.06500
09	Pacific (AK,HI Omitted)	CA,OR,WA	323,866	43,187,168	0.10716	0.15447

NCDC Regions

Region Code	Region Name	States Within Region	Area (sq. miles)	Census 2000 Population	Weights Within Nation^ Area
01	Northeast	CT,DE,ME,MD*,MA,NH,NJ,NY,PA,RI,VT	181,990	60,246,523	0.06022
02	East North Central	IA,MI,MN,WI	254,724	23,147,922	0.08428
03	Central	IL,IN,KY,MO,OH,TN,WV	310,417	46,987,525	0.10271
04	Southeast	AL,FL,GA,NC,SC,VA	293,629	47,755,771	0.09715
05	West North Central	MT,NE,ND,SD,WY	469,991	4,504,284	0.15551
06	South	AR,KS,LA,MS,OK,TX	568,865	36,977,926	0.18822
07	Southwest	AZ,CO,NM,UT	424,737	13,484,108	0.14053
80	Northwest	ID,OR,WA	248,730	10,609,473	0.08230
09	West	CA,NV	269,233	35,869,905	0.08908
	Conterminous United Sta	ates	3,022,316	279,583,437	

 $^{{}^{\}star}\text{Maryland}$ includes area and population for the District of Columbia.

[^]Nation refers to 48 conterminous United States.

Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Alabama – Connecticut

AL-01 31-00 AVERAGE 47.1 62.9 79.0 64.1 63.3 5.22 5.16 4.74 1.37 1.01 1.24 7 31-60 AVERAGE 48.5 63.4 79.7 64.7 64.1 5.00 5.06 5.06 4.83 3.22 54 570 DEV 3.2 1.7 1.3 1.8 1.0 1.2 1.2 1.4 1.5 5.00 5.06 4.83 3.22 54 570 DEV 3.3 1.9 1.1 1.8 1.0 1.0 1.0 1.10 1.10 1.10 1.0 1.0 1.0	56. 7. 7. 7. 7. 7. 7. 8. 7. 7. 8. 7. 8. 7. 8. 7. 8. 7. 8. 7. 8. 7. 8. 7. 8. 8. 7. 8. 8. 7. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8	3.60 1.24 3.22 1.37 3.42 1.16 3.61 1.11 3.77 1.10 4.07 1.13 1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	4.74 1.01 4.83 1.03 4.67 0.92 4.46 0.88 4.62 0.97 4.62 1.07 1.40 0.36	5.16 1.37 5.06 1.05 5.05 1.16 5.40 1.47 5.34 1.66 5.37	5.22 1.24 5.00 1.23 5.06 1.01 5.18 1.15 5.37 1.32	63.3 1.2 64.1 1.0 63.3 1.1 62.7 1.0 62.5	64.1 1.8 64.7 1.8 64.0 1.5 63.5	79.0 1.3 79.7 1.1 79.0	62.9 1.7 63.4 1.9	47.1 3.2 48.5	AVERAGE STD DEV	31-00	State/Region AL-01 Alabama
31-60 AVERAGE 48.5 63.4 79.7 64.7 64.1 5.00 5.06 4.83 3.22 54 4.70 AVERAGE 47.0 63.2 79.0 64.0 63.3 5.06 5.06 4.87 3.42 54 54 54 54 54 54 54 54 54 54 54 54 54	2 54. 7. 7. 2 54. 6 7. 55. 8. 7 57. 6 8. 7 58. 7	3.22 1.37 3.42 1.16 3.61 1.11 3.77 1.10 4.07 1.13 1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	4.83 1.03 4.67 0.92 4.46 0.88 4.62 0.97 4.62 1.07 1.40 0.36	5.06 1.05 5.05 1.16 5.40 1.47 5.34 1.66 5.37 1.67	5.00 1.23 5.06 1.01 5.18 1.15 5.37 1.32	64.1 1.0 63.3 1.1 62.7 1.0 62.5	64.7 1.8 64.0 1.5 63.5	79.7 1.1 79.0	63.4 1.9	48.5		31-60	Alabama
STD DEV 3.3 1.9 1.1 1.8 1.0 1.23 1.05 1.03 1.37 7 1-70 AVERAGE 47.0 63.2 79.0 64.0 63.3 5.06 5.05 4.67 3.42 54 STD DEV 3.3 1.7 1.4 1.5 1.1 1.01 1.16 0.92 1.16 7 STD DEV 3.3 1.6 61.8 78.6 63.5 62.7 5.18 5.40 4.46 3.61 55 STD DEV 3.3 1.6 1.5 1.7 1.0 1.15 1.1 1.01 1.16 0.92 1.16 7 STD DEV 3.3 1.6 1.5 1.7 1.0 1.15 1.17 1.0 1.15 1.17 4.0 8.8 1.11 8 STD DEV 2.7 1.5 1.1 1.9 0.9 1.32 1.66 0.97 1.10 8 STD DEV 3.6 62.5 78.6 63.7 62.8 5.37 5.34 4.62 3.77 5.7 AZ-02 31-00 AVERAGE 46.5 62.5 78.6 63.7 62.8 5.37 5.37 4.62 4.07 58 STD DEV 2.6 1.5 1.3 1.9 1.0 1.27 1.67 1.07 1.13 7 AZ-02 ATIONAL AVERAGE 42.5 57.6 77.7 77.7 61.2 59.9 1.16 60.97 1.10 8.8 11 STD DEV 2.2 1.1 1.2 1.4 1.1 6.6 0.38 0.36 0.47 2 STD DEV 2.5 1.9 1.0 1.3 0.9 0.47 0.38 0.36 0.46 3 41-70 AVERAGE 42.6 56.8 77.5 61.0 59.5 1.05 0.61 1.41 0.88 11 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.37 0.47 2 STD DEV 2.0 2.4 1.2 1.6 1.2 0.8 0.3 0.35 0.36 0.36 0.35 0.36 0.49 2 71-00 AVERAGE 41.6 60.2 79.5 62.0 61.1 4.0 0.8 0.51 0.40 0.37 0.47 2 STD DEV 2.0 1.4 1.2 1.6 1.2 0.7 4.07 4.07 4.07 4.07 4.07 4.07 4.07	7 7. 7. 7. 54. 55. 8. 7. 55. 8. 7. 57. 8. 7. 58. 7. 57. 12. 12. 7. 2. 12. 12. 12. 12. 12. 12. 12. 12. 12.	1.37 3.42 1.16 3.61 1.11 3.77 1.10 4.07 1.13 1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	1.03 4.67 0.92 4.46 0.88 4.62 0.97 4.62 1.07 1.40 0.36	1.05 5.05 1.16 5.40 1.47 5.34 1.66 5.37 1.67	1.23 5.06 1.01 5.18 1.15 5.37 1.32	1.0 63.3 1.1 62.7 1.0 62.5	1.8 64.0 1.5 63.5	1.1 79.0	1.9		AVERAGE	31-60	
41-70 AVERAGE AT 0.0 63.2 79.0 64.0 63.3 5.06 6.0 9.2 1.16 7 51-80 AVERAGE AC 0.1 1.5 1.7 1.4 1.5 1.7 1.0 1.16 0.92 1.16 7 51-80 AVERAGE AC 0.2 31-00 AVERAGE AT 0.6 62.8 78.6 63.5 62.7 5.18 5.40 4.66 3.61 55 TD DEV 3.3 1.6 1.5 1.7 1.0 1.15 1.47 0.88 1.11 8 71-00 AVERAGE AC 0.2 31-00 AVERAGE AT 0.5 1.5 1.1 1.9 0.9 1.32 1.66 0.97 1.10 8 AC-02 31-00 AVERAGE AT 0.6 2.5 78.6 63.7 62.8 5.37 5.34 4.62 0.97 1.10 8 AC-02 31-00 AVERAGE AT 0.6 AVERAGE AT 0.7 AVERAGE AT 0.7 AVERAGE AT 0.8 AVERAGE AT 0.8 AVERAGE AT 0.8 AVERAGE AT 0.9 AVERAGE A	2 54. 5 7. 55. 8. 7 57. 8. 7 58. 8 7. 2 12. 1 2. 1 2. 1 2. 2 12. 3 3. 8 11. 6 2 12. 7 2. 8 12. 8 13. 8 13. 8 14. 8 15. 8	3.42 1.16 3.61 1.11 3.77 1.10 4.07 1.13 1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	4.67 0.92 4.46 0.88 4.62 0.97 4.62 1.07 1.40 0.36	5.05 1.16 5.40 1.47 5.34 1.66 5.37 1.67	5.06 1.01 5.18 1.15 5.37 1.32	63.3 1.1 62.7 1.0 62.5	64.0 1.5 63.5	79.0			משט טשמ		
STD DEV 3.3 3.1 1.7 1.4 1.5 1.1 1.10 1.16 0.92 1.16 75 1.80 AVERAGE 46.1 62.8 78.6 63.5 62.7 5.18 5.40 4.46 3.61 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	7. 55. 8. 7. 57. 58. 8. 7. 58. 8. 7. 58. 8. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 12. 7. 2. 13. 13. 13. 13. 13. 13. 13. 13. 13. 13	1.16 3.61 1.11 3.77 1.10 4.07 1.13 1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	0.92 4.46 0.88 4.62 0.97 4.62 1.07 1.40 0.36	1.16 5.40 1.47 5.34 1.66 5.37 1.67	1.01 5.18 1.15 5.37 1.32	1.1 62.7 1.0 62.5	1.5 63.5		63.2			41-70	ATTIME S
STD DEV 3.3 3 1 1.6 1.5 1.7 1.0 1.15 1.47 0.88 1.11 8 1.9 0.40 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7	8. 7 57. 8. 7 58. 8. 7 2. 12. 7 2. 12. 13. 8 11. 6 2. 7 12. 7 2. 8 13. 8	1.11 3.77 1.10 4.07 1.13 1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	0.88 4.62 0.97 4.62 1.07 1.40 0.36	1.47 5.34 1.66 5.37 1.67	1.15 5.37 1.32	1.0 62.5		1.4				11 /0	PAT TOPA
61-90 AVERAGE 45.5 62.6 78.3 63.6 62.5 5.37 5.34 4.62 3.77 57 STD DEV 71-00 AVERAGE 46.5 62.5 78.6 63.7 62.8 5.37 5.37 4.62 4.07 58 STD DEV 2.6 1.5 1.3 1.9 1.0 1.27 1.67 1.07 1.13 78 AZ-Q2 31-00 AVERAGE 43.0 57.7 77.7 61.2 59.9 1.16 6.67 1.40 1.02 12 STD DEV 2.2 2.1 1.2 1.4 1.1 0.66 0.38 0.36 0.47 2.3 STD DEV 2.2 2.1 1.2 1.4 1.1 0.66 0.38 0.36 0.47 2.3 STD DEV 2.5 57.6 77.4 61.2 59.7 1.13 0.61 1.43 0.91 1.2 STD DEV 2.5 1.9 1.0 1.3 0.9 0.47 0.38 0.36 0.46 3.3 50.6 1.41 0.88 1.3 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.36 0.35 2.3 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.36 0.35 2.3 STD DEV 1.9 1.6 1.1 1.4 0.8 0.61 0.40 0.37 0.47 2.3 STD DEV 1.9 1.6 1.1 1.4 0.8 0.61 0.40 0.37 0.47 2.3 STD DEV 1.9 2.1 1.0 1.4 1.0 0.63 0.35 0.36 0.49 2.3 STD DEV 3.7 77.6 60.9 59.7 1.13 0.69 1.41 1.13 1.3 STD DEV 3.7 77.6 60.9 59.7 1.13 0.69 1.41 1.3 1.3 STD DEV 3.7 77.5 61.0 59.5 1.05 0.65 1.39 0.91 1.2 STD DEV 4.9 2.1 1.0 1.4 1.0 0.63 0.35 0.36 0.49 2.3 2.3 STD DEV 2.5 78.1 61.3 60.3 1.23 0.77 1.38 1.16 1.3 1.3 1.6 1.5 1.4 1.4 1.4 1.5 1.4 1.4 1.4 1.4 1.4 1.5 1.4	7 57. 8. 8. 7. 58. 7. 2 12. 7. 12. 12. 12. 12. 13. 13. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14	3.77 1.10 4.07 1.13 1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	4.62 0.97 4.62 1.07 1.40 0.36	5.34 1.66 5.37 1.67	5.37 1.32	62.5	1.7					51-80	MATTA
STD DEV 2.7 1.5 1.1 1.9 0.9 1.32 1.66 0.97 1.10 8 AZ-02 31-00 AVERAGE 4.5 52.5 78.6 63.7 62.8 5.37 5.37 4.62 4.07 58 STD DEV 2.6 1.5 1.3 1.9 1.0 1.2 1.2 1.67 1.07 1.13 7 AZ-02 ARIZONA ARIZ	8. 7 58. 8 7. 2 12. 7 2. 12. 13. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	1.10 4.07 1.13 1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	0.97 4.62 1.07 1.40 0.36	1.66 5.37 1.67	1.32							61 00	ATT ATT
71-00 AVERAGE STD DEV	58. 7. 12. 12. 12. 12. 12. 12. 12. 13. 11. 13. 14. 15. 16. 17. 18. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	4.07 1.13 1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	4.62 1.07 1.40 0.36	5.37 1.67		() 9						61-90	Variation)
AZ-Q2 31-00 AVERAGE 43.0 57.7 77.7 61.2 59.9 1.16 0.67 1.40 1.02 12 Afrizona 31-00 AVERAGE 43.0 57.7 77.7 61.2 59.9 1.16 0.67 1.40 1.02 12 31-60 AVERAGE 43.0 57.6 77.4 61.2 59.9 1.16 0.67 1.40 1.02 12 31-60 AVERAGE 42.5 57.6 77.4 61.2 59.7 1.13 0.61 1.43 0.91 1.7 41-70 AVERAGE 42.5 57.6 77.4 61.2 59.7 1.13 0.61 1.43 0.91 1.7 41-70 AVERAGE 42.5 57.6 77.4 61.2 59.7 1.13 0.61 1.43 0.91 1.7 51-80 AVERAGE 42.7 57.1 77.3 61.3 59.6 1.03 0.61 1.41 0.88 11 51-80 AVERAGE 42.8 57.4 77.5 61.0 59.5 1.05 0.65 1.39 0.97 12 51-80 AVERAGE 42.8 57.4 77.6 60.9 59.5 1.13 0.60 1.40 0.37 0.47 2 51-80 AVERAGE 42.8 57.4 77.6 60.9 59.7 1.13 0.69 1.41 1.13 13 510 AVERAGE 51-90 AVERAGE 41.7 60.3 79.0 61.7 60.3 1.23 0.77 1.38 1.16 13 510 AVERAGE 51-00 AVERAGE 41.7 60.3 79.0 61.7 60.7 4.07 4.97 3.61 3.88 49 Afkansas 31-00 AVERAGE 41.7 60.2 79.5 62.0 61.1 4.30 4.98 3.65 3.55 49 51-80 AVERAGE 41.7 60.2 79.5 62.0 61.1 4.30 4.98 3.65 3.55 49 51-80 AVERAGE 41.7 60.2 79.5 62.0 61.1 4.30 4.98 3.65 3.55 49 51-80 AVERAGE 41.7 60.2 78.8 61.6 60.6 3.97 5.15 3.64 3.58 49 51-80 AVERAGE 41.7 60.2 78.8 61.6 60.6 3.97 5.15 3.64 3.58 49 51-80 AVERAGE 41.7 60.2 78.8 61.6 60.6 3.97 5.15 3.64 3.58 49 51-80 AVERAGE 41.7 60.2 78.8 61.6 60.6 3.97 5.15 3.64 3.58 49 51-80 AVERAGE 41.7 60.2 78.8 61.6 60.6 3.97 5.15 3.64 3.58 49 51-80 AVERAGE 41.7 60.2 78.8 61.6 60.6 3.97 5.15 3.64 3.58 49 51-80 AVERAGE 41.7 60.2 78.8 61.5 60.3 3.71 5.06 3.63 3.79 48 51-80 AVERAGE 41.7 60.2 78.8 61.5 60.3 3.71 5.06 3.63 3.79 48 51-80 AVERAGE 51-80	12. 12. 12. 12. 12. 13. 13. 13. 13. 13. 13. 13. 13. 13. 13	1.02 0.47 0.91 0.46 0.88 0.35 0.97 0.47	1.40 0.36									71-00	
Arizona STD DEV 2.2 2.1 1.2 1.4 1.1 0.66 0.38 0.36 0.47 2 2 2 2 2 2 1 2 1.4 1.1 0.66 0.38 0.36 0.47 2 2 2 2 2 2 2 2 2	2. 12. 3. 3. 3. 11. 2. 12. 12. 13. 13. 13. 13. 13. 13. 13. 13. 13. 13	0.47 0.91 0.46 0.88 0.35 0.97 0.47	0.36										0199
31-60 AVERAGE 42.5 57.6 77.4 61.2 59.7 1.13 0.61 1.43 0.91 12 STD DEV 2.5 1.9 1.0 1.3 0.9 0.47 0.38 0.36 0.46 3 14 1-70 AVERAGE 42.7 57.1 77.3 61.3 59.6 1.03 0.61 1.41 0.88 11 STD DEV 1.9 1.6 1.1 1.4 0.8 0.51 0.40 0.36 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	12. 3. 3. 3. 11. 2. 12. 7 2. 3. 13. 2. 13. 13. 13.	0.91 0.46 0.88 0.35 0.97 0.47			ı							31-00	
STD DEV	3. 3. 11. 2. 12. 7. 2. 3. 13. 2. 13. 13.	0.46 0.88 0.35 0.97 0.47			ı							31-60	Arizona
STD DEV 51-80 AVERAGE STD DEV 61-90 AVERAGE STD DEV 2.0 2.4 1.2 1.6 1.1 2.2 0.8 3 0.39 0.39 0.51 2.2 0.8 3 0.39 0.51 0.5 0.65 0.39 0.97 1.20 0.97	2. 7 12. 7 2. 8 13. 9 2. 5 13.	0.35 0.97 0.47	0.36		ı							51 00	A-
S1-80 AVERAGE 42.6 56.8 77.5 61.0 59.5 1.05 0.65 1.39 0.97 12	12. 2. 3. 13. 3. 2. 5. 13.	0.97 0.47			1							41-70	HATTER A
STD DEV	2. 3 13. 2. 5 13.	0.47										F1 00	THE PROPERTY
61-90 AVERAGE	3 13. 9 2. 5 13.				1							51-80	
STD DEV 1.9 2.1 1.0 1.4 1.0 0.63 0.35 0.36 0.49 2 2 2 2 2 2 2 2 2	2. 5 13.				ı							61-90	7 1311
AR-03 AR-03 AR-03 AR-03 AR-04 AR-05 Arkansas 31-00 AVERAGE STD DEV 2.6 1.7 1.7 1.8 1.8 1.1 1.25 1.40 0.94 1.22 2.5 1.7 1.8 1.1 1.47 1.53 1.11 0.99 8 3.65 3.55 49 41-70 AVERAGE STD DEV 2.5 1.7 1.8 1.8 1.1 1.47 1.53 1.11 0.99 8 41-70 AVERAGE STD DEV 2.2 1.6 1.6 1.5 0.9 1.24 1.45 1.04 1.01 8 8 51-80 AVERAGE 41.0 60.2 78.7 61.3 60.3 3.71 5.06 3.63 3.79 48 51-80 AVERAGE 41.0 60.2 78.7 61.3 60.3 3.71 5.06 3.63 3.79 48 51-80 AVERAGE 41.0 60.2 78.7 61.3 60.3 3.71 5.06 3.63 3.79 48 61-90 AVERAGE 41.5 60.4 78.5 60.5 60.4 78.5 60.5 60.2 3.83 4.99 3.62 4.16 4.9 STD DEV 2.5 1.7 1.4 1.7 0.9 1.15 1.43 0.80 1.36 8 71-00 AVERAGE 41.5 60.3 78.8 61.4 60.4 3.98 4.99 3.62 4.16 4.9 STD DEV 2.5 1.7 1.4 1.7 0.9 1.15 1.43 0.80 1.36 8 71-00 AVERAGE 45.5 56.6 72.9 60.7 58.9 3.84 1.83 0.24 1.39 21 AVERAGE 45.0 56.4 72.6 60.6 58.6 3.96 1.82 0.20 1.20 1.43 21 21 21 1.2 1.4 1.0 1.52 0.84 0.13 0.67 5 51-80 AVERAGE 45.0 56.4 72.6 60.6 58.6 3.79 1.79 0.22 1.43 21 21 21 1.2 1.1 1.3 0.9 1.31 0.75 0.11 0.60 4 41-70 AVERAGE 45.0 55.9 72.4 60.6 58.6 3.77 1.70 0.24 1.40 21 51-80 AVERAGE 45.7 56.4 71.00 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.47 22			0.36	0.35	0.63	1.0	1.4	1.0	2.1	1.9			8
AR-03 Arkansas 31-00 AVERAGE STD DEV STD DEV 2.6 1.7 1.7 1.8 1.1 1.25 1.40 0.94 1.22 7 31-60 AVERAGE STD DEV 2.5 1.7 1.8 1.8 1.1 1.47 1.53 1.11 0.99 8 41-70 AVERAGE STD DEV 2.5 1.7 1.8 1.8 1.1 1.47 1.53 1.11 0.99 8 41-70 AVERAGE STD DEV 2.2 1.6 1.6 1.5 0.9 1.24 1.45 1.04 1.01 8 51-80 AVERAGE STD DEV 2.8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 61-90 AVERAGE STD DEV 2.5 1.7 1.4 1.7 0.9 1.15 1.43 0.80 1.36 89 STD DEV 2.8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 61-90 AVERAGE STD DEV 2.5 1.7 1.4 1.7 0.9 1.15 1.43 0.80 1.36 89 STD DEV 2.5 1.7 1.4 1.7 0.9 1.15 1.43 0.80 1.36 89 CA-04 California AVERAGE STD DEV 2.8 1.7 1.5 1.9 1.1 0.98 1.36 0.90 1.39 7 CA-04 California AVERAGE STD DEV 2.1 2.1 1.2 1.4 1.0 1.52 0.84 0.13 0.67 5 STD DEV 2.3 2.0 1.1 1.3 0.9 1.31 0.75 0.11 0.60 4 51-80 AVERAGE STD DEV 2.0 1.6 1.2 1.2 0.7 1.49 0.75 0.11 0.60 4 51-80 AVERAGE STD DEV 1.9 2.0 1.3 1.4 0.9 59.4 3.79 1.93 0.27 1.47 22	. 2.				ı							71-00	0200
Arkansas STD DEV 2.6 1.7 1.7 1.8 1.1 1.25 1.40 0.94 1.22 7 7 7 7 7 7 7 7 7												31-00	t-
31-60 AVERAGE STD DEV 2.5 1.7 1.8 1.8 1.1 1.47 1.53 1.11 0.99 8 41.7 60.2 78.8 61.6 60.6 3.97 5.15 3.64 3.58 49 51.0 DEV 2.2 1.6 1.6 1.5 0.9 1.24 1.45 1.04 1.01 8 51.8 0.90 1.24 1.45 1.04 1.01 8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.8 1.7 1.9 1.0 0.95 1.55 0.99 1.34 1.83 0.80 1.36 8 1.36 8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 1.36 0.39 1.36 8 1.36 8 1.36 8 1.37 1.5 0.6 1.5 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3												J_ 00	
41-70 AVERAGE STD DEV 2.2 1.6 1.6 1.5 0.9 1.24 1.45 1.04 1.01 8 51-80 AVERAGE STD DEV 2.8 1.8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 61-90 AVERAGE 41.5 60.4 78.5 61.5 60.2 3.83 4.99 3.62 4.16 49 STD DEV 2.5 1.7 1.4 1.7 0.9 1.15 1.43 0.80 1.36 8 71-00 AVERAGE 41.5 60.3 78.8 61.4 60.4 3.98 4.99 3.57 4.33 50 8 71-00 AVERAGE 45.5 56.6 72.9 60.7 58.9 3.84 1.83 0.24 1.39 21 AVERAGE AVERAGE 45.5 56.6 72.9 60.7 58.9 3.84 1.83 0.24 1.39 21 AVERAGE AVERAGE 45.0 56.4 72.6 60.6 58.6 3.96 1.82 0.20 1.20 21 STD DEV 2.3 2.0 1.1 1.3 0.9 1.31 0.75 0.11 0.56 50 51-80 AVERAGE 45.2 55.9 72.4 60.6 58.5 3.79 1.79 0.22 1.43 21 STD DEV 2.0 1.6 1.2 1.2 0.7 1.49 0.75 0.11 0.60 4 1.70 AVERAGE 45.7 56.4 73.1 60.6 58.6 3.77 1.70 0.24 1.40 21 STD DEV 1.8 1.5 1.1 1.2 0.7 1.53 0.75 0.11 0.60 4 1.9 0.75 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.1												31-60	Airansas
STD DEV 2.2 1.6 1.6 1.5 0.9 1.24 1.45 1.04 1.01 8 51-80 AVERAGE 41.0 60.2 78.7 61.3 60.3 3.71 5.06 3.63 3.79 48 STD DEV 2.8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 61-90 AVERAGE 40.5 60.4 78.5 61.5 60.2 3.83 4.99 3.62 4.16 49 STD DEV 2.5 1.7 1.4 1.7 0.9 1.15 1.43 0.80 1.36 8 71-00 AVERAGE 41.5 60.3 78.8 61.4 60.4 3.98 4.99 3.57 4.33 50 STD DEV 2.8 1.7 1.5 1.9 1.1 0.98 1.36 0.90 1.39 7 CA-04 STD DEV 2.8 1.7 1.5 1.9 1.1 0.98 1.36 0.90 1.39 7 CA-04 California 31-60 AVERAGE 45.5 56.6 72.9 60.7 58.9 3.84 1.83 0.24 1.39 21 STD DEV 2.1 2.1 1.2 1.4 1.0 1.52 0.84 0.13 0.67 5 STD DEV 2.3 2.0 1.1 1.3 0.9 1.31 0.75 0.11 0.56 5 STD DEV 2.3 2.0 1.1 1.3 0.9 1.31 0.75 0.11 0.56 5 STD DEV 2.0 1.6 1.2 1.2 0.7 1.49 0.75 0.11 0.56 4 STD DEV 2.0 1.6 1.2 1.2 0.7 1.49 0.75 0.11 0.60 4 STD DEV 2.0 1.6 1.2 1.2 0.7 1.53 0.75 0.11 0.60 4 STD DEV 1.8 1.5 1.1 1.2 0.7 1.53 0.75 0.11 0.60 4 STD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.74 6 STD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.74 6 STD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.74 6 STD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.77 1.47 22 TD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.77 1.47 22 TD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.77 1.47 22 TD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.77 1.47 22 TD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.77 1.47 22												41 70	KT TO
STD DEV 2.8 1.8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 8 1.9 1.0 0.95 1.57 0.97 1.28 8 8 8 1.7 1.9 1.0 0.95 1.57 0.97 1.28 8 8 1.9 1.0 0.95 1.57 0.97 1.28 8 8 1.9 1.0 0.95 1.57 0.97 1.28 8 8 1.9 1.0 0.95 1.57 0.97 1.28 8 1.9 1.0 0.95 1.57 0.97 1.28 8 1.9 1.0 0.95 1.57 0.97 1.28 8 1.9 1.0 0.95 1.57 0.97 1.28 8 1.9 1.0 0.95 1.57 0.97 1.28 8 1.9 1.1 0.98 1.36 0.90 1.36 8 1.36 0.90 1.36 8 1.36 0.90 1.36 8 1.36 0.90 1.39 7 1.00 1.00 1.00 1.30												41-70	AT-HOW IN
61-90 AVERAGE STD DEV 2.5 1.7 1.4 1.7 0.9 1.15 1.43 0.80 1.36 8 71-00 AVERAGE 41.5 60.3 78.8 61.4 60.4 3.98 4.99 3.57 4.33 50 STD DEV 2.8 1.7 1.5 1.9 1.1 0.98 1.36 0.90 1.39 7 CA-04 California California STD DEV 2.1 2.1 1.2 1.4 1.0 1.52 0.84 0.13 0.67 5 STD DEV 2.3 2.0 1.1 1.3 0.9 1.31 0.75 0.11 0.56 5 STD DEV 2.0 1.6 1.2 1.2 0.7 1.49 0.75 0.11 0.60 4 51-80 AVERAGE 45.4 55.8 72.8 60.6 58.6 3.77 1.70 0.24 1.40 21 STD DEV 1.8 1.5 1.1 1.2 0.7 1.53 0.75 0.11 0.60 4 51-90 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.74 6 71-00 AVERAGE 46.2 57.1 73.4 60.9 59.4 3.79 1.93 0.27 1.47 22												51-80	
STD DEV 2.5 1.7 1.4 1.7 0.9 1.15 1.43 0.80 1.36 8 71-00 AVERAGE 41.5 60.3 78.8 61.4 60.4 3.98 4.99 3.57 4.33 50 STD DEV 2.8 1.7 1.5 1.9 1.1 0.98 1.36 0.90 1.39 7 CA-04 California 31-00 AVERAGE 45.5 56.6 72.9 60.7 58.9 3.84 1.83 0.24 1.39 21 2.1 2.1 1.2 1.4 1.0 1.52 0.84 0.13 0.67 5 31-60 AVERAGE 45.0 56.4 72.6 60.6 58.6 3.96 1.82 0.20 1.20 21 5TD DEV 2.3 2.0 1.1 1.3 0.9 1.31 0.75 0.11 0.56 5 5 5TD DEV 2.0 1.6 1.2 1.2 0.7 1.49 0.75 0.11 0.60 4 51-80 AVERAGE 45.4 55.8 72.8 60.6 58.6 3.77 1.70 0.24 1.40 21 51-80 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 5TD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.74 6 71-00 AVERAGE 46.2 57.1 73.4 60.9 59.4 3.79 1.93 0.27 1.47 22													W THY
71-00 AVERAGE 71												61-90	La Service Land
CA-04 31-00 AVERAGE 45.5 56.6 72.9 60.7 58.9 3.84 1.83 0.24 1.39 21 2.1 2.1 1.2 1.4 1.0 1.52 0.84 0.13 0.67 5 5 5 5 5 5 5 5 5												71-00	9
California STD DEV 2.1 2.1 1.2 1.4 1.0 1.52 0.84 0.13 0.67 5 1.60 AVERAGE 45.0 56.4 72.6 60.6 58.6 3.96 1.82 0.20 1.20 21 1.4 1.0 1.52 0.84 0.13 0.67 5 1.4 1.0 1.52 0.84 0.13 0.67 5 1.5 1.1 1.3 0.9 1.31 0.75 0.11 0.56 5 1.5 1.1 0.56 5 1.4 1.4 1.0 1.5 1.5 1.1 1.2 1.2 1.2 1.4 1.5 1.5 1.1 1.2 1.2 1.4 1.5 1.5 1.1 1.2 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5													0399
31-60 AVERAGE 45.0 56.4 72.6 60.6 58.6 3.96 1.82 0.20 1.20 21 STD DEV 2.3 2.0 1.1 1.3 0.9 1.31 0.75 0.11 0.56 5 41-70 AVERAGE 45.2 55.9 72.4 60.6 58.5 3.79 1.79 0.22 1.43 21 STD DEV 2.0 1.6 1.2 1.2 0.7 1.49 0.75 0.11 0.60 4 51-80 AVERAGE 45.4 55.8 72.8 60.6 58.6 3.77 1.70 0.24 1.40 21 STD DEV 1.8 1.5 1.1 1.2 0.7 1.53 0.75 0.11 0.60 4 61-90 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.74 6 71-00 AVERAGE 46.2 57.1 73.4 60.9 59.4 3.79 1.93 0.27 1.47 22					1							31-00	CA-04
STD DEV 2.3 2.0 1.1 1.3 0.9 1.31 0.75 0.11 0.56 5 41-70 AVERAGE 45.2 55.9 72.4 60.6 58.5 3.79 1.79 0.22 1.43 21 STD DEV 2.0 1.6 1.2 1.2 0.7 1.49 0.75 0.11 0.60 4 51-80 AVERAGE 45.4 55.8 72.8 60.6 58.6 3.77 1.70 0.24 1.40 21 STD DEV 1.8 1.5 1.1 1.2 0.7 1.53 0.75 0.11 0.60 4 61-90 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.74 6 71-00 AVERAGE 46.2 57.1 73.4 60.9 59.4 3.79 1.93 0.27 1.47 22					1							31_60	California
41-70 AVERAGE					1							31-00	
51-80 AVERAGE			0.22	1.79	3.79		60.6	72.4		45.2	AVERAGE	41-70	HUTER OF
STD DEV 1.8 1.5 1.1 1.2 0.7 1.53 0.75 0.11 0.60 4 61-90 AVERAGE 45.7 56.4 73.1 60.6 58.9 3.48 1.76 0.27 1.66 21 STD DEV 1.9 2.0 1.3 1.4 0.9 1.52 0.83 0.13 0.74 6 71-00 AVERAGE 46.2 57.1 73.4 60.9 59.4 3.79 1.93 0.27 1.47 22													THE PROPERTY
61-90 AVERAGE												51-80	
71-00 AVERAGE 46.2 57.1 73.4 60.9 59.4 3.79 1.93 0.27 1.47 22												61-90	THE THE
													1
1499 STD DEV 1.8 2.2 1.1 1.6 1.0 1.68 0.95 0.14 0.78 7	_				l							71-00	0.4.0.0
												31-00	CO-05
												31 00	Colorado
31-60 AVERAGE 26.0 43.4 65.7 47.0 45.5 0.81 1.53 1.64 1.01 14	14.	1.01	1.64	1.53	0.81	45.5	47.0	65.7	43.4	26.0		31-60	33101440
												41 70	KATTON A
												41-70	AT HOMAS
												51-80	F CONTRACTOR
STD DEV 2.4 1.6 1.2 1.8 1.1 0.23 0.42 0.42 0.34 2	2.	0.34	0.42	0.42	0.23	1.1	1.8	1.2	1.6	2.4	STD DEV		WITH THE
												61-90	Jan Salar
												71-00	4
D599 STD DEV 2.9 2.0 1.2 1.6 1.2 0.24 0.40 0.37 0.33 1	1.										STD DEV		0599
												31-00	CT-06
OUTHEGUIGUE												31_60	Connecticut
												21-00	4
41-70 AVERAGE 27.1 46.1 68.5 51.7 48.3 3.42 3.82 3.66 3.79 44										27.1	AVERAGE	41-70	HUTER D
	6.												THE DIE
												51-80	八十日末部
	46.											61-90	L HILL
STD DEV 2.2 1.8 1.0 1.5 1.0 1.13 1.44 1.08 1.07 8	46.		1.08	1.44	1.13		1.5		1.8		STD DEV		1
	46. 7. 47. 8.											71-00	0600
0699 STD DEV 2.6 1.8 1.2 1.5 1.1 1.10 1.31 1.10 1.13 6	46. 7. 47. 8. 50.	4.35		1.31	1 1.10	1 7	1.5	1.2	1.8	2.6	STD DEV		0699

Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Delaware – Indiana

State/Region		ement			SUM-Temp			WIN-Prcp	SPR-Prcp	SUM-Prcp	AUT-Prcp	ANN-Prcp
DE-07	31-00	AVERAGE	35.6	52.8	74.0	57.3	54.9	3.39	3.84	4.28	3.52	45.11
Delaware	21 60	STD DEV	3.0	1.7	1.1	1.6	1.1	0.97	1.01	1.31	1.02	6.82
	31-60	AVERAGE	36.0	52.6	73.9	57.3	54.9	3.31	3.86	4.65	3.62	46.26
ATT IN	41 70	STD DEV AVERAGE	3.1	1.8	$\frac{1.1}{72.7}$	1.5	1.0	0.94	0.92	1.31	1.07	6.52
ATHEM OF	41-70	STD DEV	35.1	52.6	73.7	57.2	54.6	3.19	3.57	4.26	3.35	43.16
	E1 00	AVERAGE	2.6 34.9	1.6 52.7	1.1 73.7	1.5 57.0	0.9	0.79 3.39	0.88 3.57	1.50 4.28	0.85 3.48	7.08 44.13
27-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	21-00	STD DEV	2.7	1.6	0.9	1.6	54.6 0.9	1.01	0.89	1.37	0.93	6.79
ATTA HITTY	61_90	AVERAGE	34.7	52.8	73.9	57.2	54.7	3.40	3.75	4.01	3.37	43.62
Lange of	01-90	STD DEV	2.4	1.6	1.1	1.8	1.0	1.04	1.17	1.34	0.94	7.30
	71-00	AVERAGE	36.1	53.3	74.2	57.4	55.3	3.53	4.01	4.07	3.62	45.68
0799	71 00	STD DEV	2.8	1.7	1.2	1.6	1.0	1.09	1.17	1.07	1.02	6.60
FL-08	31-00	AVERAGE	59.4	69.9	80.9	72.4	70.7	2.95	3.63	7.28	4.31	54.49
Florida		STD DEV	2.7	1.4	0.7	1.2	0.9	1.06	1.10	1.02	1.06	6.90
Tionda	31-60	AVERAGE	60.1	69.9	80.9	72.4	70.8	2.60	3.81	7.32	4.49	54.62
4		STD DEV	3.0	1.6	0.5	1.1	0.8	0.90	1.05	1.09	1.18	7.86
MA DES TO	41-70	AVERAGE	59.1	70.1	80.8	72.2	70.6	2.88	3.65	7.42	4.54	55.31
1-1-19-5		STD DEV	2.8	1.4	0.6	1.1	0.8	0.97	1.15	1.00	1.19	7.92
	51-80	AVERAGE	58.5	69.9	80.7	72.1	70.3	3.06	3.64	7.12	4.27	54.17
W THAT		STD DEV	2.8	1.1	0.6	1.1	0.7	0.89	1.16	0.95	1.09	7.29
The fall of	61-90	AVERAGE	58.4	69.7	80.7	72.3	70.3	3.19	3.44	7.22	3.98	53.49
V .		STD DEV	2.5	1.1	0.7	1.4	0.9	1.00	1.05	0.81	0.89	5.69
	71-00	AVERAGE	59.4	69.9	81.0	72.7	70.7	3.17	3.63	7.13	4.24	54.52
0899		STD DEV	2.3	1.4	0.8	1.3	0.9	1.13	1.15	1.02	0.93	6.34
GA-09	31-00	AVERAGE	48.0	63.4	78.9	64.6	63.7	4.33	4.24	4.88	3.22	50.01
Georgia	0.4	STD DEV	3.0	1.5	1.2	1.6	1.1	1.12	1.09	0.95	1.11	7.01
<u> </u>	31-60	AVERAGE	49.1	63.7	79.5	65.0	64.3	4.05	4.25	4.89	3.06	48.71
K Trans	41 76	STD DEV	3.2	1.7	0.9	1.4	0.9	1.14	0.98	0.73	1.23	7.32
ALL ON ME	41-70	AVERAGE	47.8	63.5	78.8	64.4	63.6	4.16	4.47	4.91	3.19	50.20
	F1 00	STD DEV	3.1	1.6	1.2	1.3	1.0	0.98	0.99	0.75	1.11	7.59
W + + + + + + + + + + + + + + + + + + +	21-80	AVERAGE STD DEV	47.1 3.2	63.2 1.5	78.4 1.3	64.2 1.5	63.3 0.9	4.38 0.94	4.58 1.01	4.77 0.85	3.16 1.01	50.56 7.38
THE THE WAR	61_90	AVERAGE	46.7	63.1	78.3	64.4	63.2	4.54	4.37	4.83	3.17	50.78
Lange of	01-90	STD DEV	2.6	1.3	1.2	1.8	1.0	1.10	1.16	0.95	0.88	6.44
	71-00	AVERAGE	47.8	63.1	78.7	64.6	63.5	4.55	4.16	4.71	3.47	50.66
0999	71 00	STD DEV	2.5	1.4	1.3	1.8	1.0	1.13	1.27	1.16	1.07	6.49
ID-10	31-00	AVERAGE	25.0	42.9	63.4	45.0	44.1	2.08	1.67	1.04	1.49	18.82
	31 00	STD DEV	3.4	2.3	1.5	1.8	1.3	0.59	0.38	0.38	0.47	2.98
Idaho	31-60	AVERAGE	24.5	42.6	63.3	45.2	43.9	2.14	1.63	0.93	1.48	18.47
		STD DEV	3.9	2.4	1.4	1.6	1.4	0.47	0.37	0.32	0.55	2.70
Francisco S	41-70	AVERAGE	24.8	41.9	62.9	44.9	43.6	2.13	1.64	1.09	1.56	19.26
		STD DEV	3.1	1.7	1.4	1.8	1.0	0.54	0.33	0.34	0.47	2.48
	51-80	AVERAGE	25.2	41.8	63.2	44.8	43.7	2.16	1.61	1.09	1.42	18.86
W TUARY		STD DEV	2.8	1.6	1.4	1.7	1.0	0.59	0.35	0.32	0.45	2.49
The Land	61-90	AVERAGE	25.0	42.7	63.6	44.7	44.0	2.03	1.65	1.14	1.52	19.01
8 0		STD DEV	2.9	1.9	1.4	2.0	1.2	0.63	0.31	0.36	0.44	2.94
	71-00	AVERAGE	25.4	43.6	63.7	44.8	44.4	2.00	1.75	1.09	1.48	18.92
1099		STD DEV	3.1	2.1	1.5	1.9	1.3	0.67	0.40	0.38	0.44	3.30
IL-11	31-00	AVERAGE	28.7	51.4	73.9	54.3	52.1	2.16	3.71	3.81	3.02	38.11
Illinois	0.4	STD DEV	3.4	2.1	1.7	2.0	1.3	0.72	0.93	0.86	0.95	5.23
	31-60	AVERAGE	29.8	51.2	74.6	54.7	52.6	2.17	3.61	3.73	2.88	37.14
RT TO	41 70	STD DEV	3.0	2.0	1.8	2.0	1.4	0.82	1.02	0.81	1.00	4.65
ALHER A	41-70	AVERAGE	28.7	51.3	73.8	54.5	52.0	2.12	3.74	3.82	2.91	37.76
K THE THE	E1 00	STD DEV	2.6	1.9	1.5	1.7	1.2	0.83	0.79	0.71	0.94	4.92
W+ 1-1-23	21-80	AVERAGE STD DEV	27.7	51.2	73.6	54.2	51.7	2.06	3.72 0.75	3.90	2.81	37.43
THE HELLY	61 00	STD DEV AVERAGE	3.5	2.0	1.4	2.1	1.2	0.62		0.73	0.84	5.41
Versen)	01-90	STD DEV	27.1 3.4	51.5 2.2	73.3 1.3	54.1 1.9	51.5 1.1	2.12 0.69	3.77 0.84	3.86 0.84	3.15 0.90	38.82 5.80
	71-00	AVERAGE	28.3	51.6	73.4	53.8	51.8	2.22	3.79	3.92	3.15	39.23
1199	, 1 00	STD DEV	3.8	2.4	1.5	2.0	1.4	0.61	0.95	0.96	0.91	5.68
IN-12	31-00	AVERAGE	29.8	50.9	72.8	54.1	51.9	2.60	3.89	3.87	3.07	40.31
	32 00	STD DEV	3.4	2.1	1.6	1.9	1.3	0.90	0.91	0.87	0.87	5.24
Indiana	31-60	AVERAGE	30.9	50.8	73.6	54.5	52.4	2.68	3.80	3.73	3.00	39.61
		STD DEV	3.1	2.0	1.7	1.9	1.3	1.10	1.05	0.91	0.84	5.58
ATTEN D	41-70	AVERAGE	29.8	50.9	72.7	54.2	51.9	2.61	3.92	3.78	2.90	39.61
HAT THE		STD DEV	2.8	1.9	1.5	1.6	1.2	1.08	0.88	0.79	0.83	5.36
	51-80	AVERAGE	28.8	50.8	72.4	53.9	51.5	2.56	3.80	3.98	2.88	39.64
W TUTTO		STD DEV	3.6	1.9	1.3	2.0	1.2	0.68	0.72	0.89	0.82	4.63
The Ball	61-90	AVERAGE	28.2	51.0	72.2	53.9	51.4	2.50	3.91	3.93	3.14	40.64
1		STD DEV	3.3	2.1	1.3	1.9	1.0	0.75	0.78	0.80	0.83	4.99
	71-00	AVERAGE	29.4	51.1	72.4	53.8	51.7	2.59	3.94	4.11	3.25	41.72
1299		STD DEV	3.7	2.4	1.5	2.0	1.3	0.67	0.82	0.87	0.90	5.03
	1		1									

Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

lowa – Maryland

STD DEW 3.7 2.5 1.8 2.2 1.5 0.33 0.91 0.98 0.97 5.3 31-60 AVERAGE 2.3 47.1 72.3 50.8 48.1 1.09 2.86 4.08 2.33 31.0 51-80 AVERAGE 2.1 47.0 71.8 50.3 1.6 0.34 0.90 0.81 1.04 4.8 51-80 AVERAGE 2.1 47.0 71.8 50.3 1.6 0.34 0.90 0.81 1.04 4.8 51-90 AVERAGE 2.1 4.7 2.7 1.8 50.3 1.7 5. 1.00 1.10 4.68 2.14 1.1 51-90 AVERAGE 2.1 4.8 7.7 2.7 1.8 50.3 1.7 5. 1.00 1.11 4.20 2.14 1.1 51-90 AVERAGE 2.1 4.8 7.1 4.8 1.3 1.37 5. 1.00 4.11 4.20 2.14 1.1 51-90 AVERAGE 2.1 4.8 2.7 1.6 49.8 47.8 1.05 3.25 4.36 2.68 34.0 51-90 AVERAGE 2.1 4.8 2.7 1.6 49.8 47.8 1.05 3.25 4.36 2.68 34.0 51-90 AVERAGE 2.1 4.8 2.2 7.6 49.8 47.8 1.05 3.25 4.36 2.68 34.0 51-90 AVERAGE 2.1 4.8 2.2 7.6 49.8 47.8 1.05 3.25 4.36 2.68 34.0 51-90 AVERAGE 3.1 5. 7.7 5. 5.5 5. 5. 5.	State/Region	Ele	ement	WIN-Temp	SPR-Temp	SUM-Temp	AUT-Temp	ANN-Temp	WIN-Prcp	SPR-Prcp	SUM-Prcp	AUT-Prcp	ANN-Prcp
31 -60 AVENAGE 22.3 47.1 72.3 50.8 48.1 1.09 2.86 4.08 2.33 33.10 41-70 AVENAGE 21.6 47.0 71.5 50.5 47.6 1.04 3.07 4.21 2.34 33.9 51.80 AVENAGE 51.80 A	IA-13	31-00											32.52
STD DEW 3.2 2.3 2.0 2.3 1.6 0.34 0.90 0.81 1.04 4.8 4.8 41.70 AVERAGE 1.4 47.0 AVERAGE 2.5 6 47.0 71.5 50.5 47.6 1.00 3.07 0.60 1.00 4.7 51.80 AVERAGE 2.5 6 2.2 1.6 2.1 1.2 0.36 0.77 0.60 1.00 4.7 51.80 AVERAGE 2.6 47.2 71.6 50.2 47.6 1.00 3.10 4.13 2.4 32.0 4.8 51.80 AVERAGE 2.6 47.2 71.6 50.2 47.6 1.00 3.10 4.13 2.4 32.0 2.6 50.2 47.6 1.00 3.10 4.10 4.2 0.2 2.7 32.1 31.2 1.00 AVERAGE 5.0 50.2 47.6 1.00 3.10 4.10 4.2 0.2 2.7 32.1 31.2 1.00 AVERAGE 3.10 50.2 47.6 1.00 3.10 4.10 4.2 0.2 2.7 32.1 31.2 4.1 32.0 4.	Iowa	21 60											5.33
## 1-70 AVERAGE ## 21-70 AVER		31-60											
STID DEV 2.5 2.2 1.6 2.1 1.2 0.36 0.77 0.66 1.00 4.7. 51-00 AVERAGE 51-0	ATT THE S	41-70											
S1-80 AVERAGE 20.6 47.2 71.6 50.3 47.5 1.00 3.10 4.18 2.41 32.0		11 70											4.78
61-90 AVERAGE 20.6 48.0 71.6 50.2 47.6 1.00 3.11 4.20 2.71 33.1 3.25 5.15		51-80											32.09
TO DEVY 3.7 2.7 1.4 1.8 1.3 0.37 0.81 0.84 0.95 5.3 3.9 71.0 0.97 0.87 0.87 0.87 0.87 0.87 0.87 0.87 0.8	W THE												5.32
72 - 00 AVERAGE 21.7 48.2 71.6 49.8 47.8 1.05 3.25 4.36 2.68 34.0 KS-14 31-00 AVERAGE 31.9 53.3 76.8 55.9 54.5 0.83 2.76 3.52 2.07 27.5 KSansas STID DEV 2.8 2.1 2.0 2.0 1.3 0.83 2.76 3.52 2.07 27.5 KSANSAS 31-60 AVERAGE 32.3 52.9 77.5 55.5 54.8 0.84 2.68 3.39 1.89 2.6 KASHAS 31-00 AVERAGE 32.3 52.9 77.5 55.5 54.8 0.84 2.68 3.39 1.89 2.6 KASHAS 31-00 AVERAGE 31.9 52.9 76.5 55.5 54.8 0.84 2.68 3.39 1.89 2.6 KASHAS 31-00 AVERAGE 31.9 52.9 76.5 55.5 54.8 0.84 2.68 3.39 1.89 2.6 KASHAS 31-00 AVERAGE 31.2 53.1 76.8 55.0 54.3 0.81 2.04 3.76 2.04 2.7 STD DEV 2.7 2.0 1.9 52.5 76.5 55.5 54.8 0.84 2.68 3.39 1.89 2.6 STD DEV 2.7 2.0 1.9 2.1 1.2 0.29 0.79 1.06 0.75 6.2 STD DEV 2.8 2.1 1.6 1.8 1.1 0.33 0.78 0.83 0.74 0.9 STD DEV 3.6 2.2 1.6 1.8 1.3 0.33 0.78 0.83 0.74 0.9 KY-15 31-00 AVERAGE 31.9 53.6 76.4 55.4 54.3 0.88 3.00 0.35 2.1 2.8 KENDLEY 3.3 3.9 3.6 2.2 1.6 1.8 1.3 0.33 0.71 0.96 0.79 0.92 0.75 KENDLEY 3.1-00 AVERAGE 3.19 53.6 74.5 55.1 54.1 1.0 0.33 0.78 0.83 0.71 0.96 KY-15 31-00 AVERAGE 3.19 53.6 74.5 55.1 54.1 1.1 1.0 0.79 0.92 0.79 0.92 0.75 KENDLEY 3.1-00 AVERAGE 3.1 55.1 74.7 57.2 55.8 3.95 4.4 4.12 3.21 47.2 KENDLEY 3.1-00 AVERAGE 3.1 55.1 74.7 57.5 55.2 54.1 1.6 0.79 0.92 0.79 0	Jan State	61-90											33.11
STD DEV 4.3 2.8 1.6 2.0 1.6 0.31 0.99 1.22 0.83 5.7 6.8 5.9 5.4.5 1.8 1.8 1.2 0.8 1.2 0.8 1.2 0.8 1.9 5.3 3.7 6.8 5.5 9 5.4.5 0.83 2.7 6.3 5.5 2.0 2.0 1.3 0.34 0.78 1.05 0.79 5.5 1.6 0.31 0.0 40 0.78 1.05 0.79 5.5 1.6 0.8 1.2 0.8 0.8 1.0 0.8 1.0 0.79 5.5 1.6 0.8 1.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	3 3	71 00											
KS-14 \$1-00 AVERAGE \$1.9 \$5.3 \$7.6 \$5.9 \$54.5 \$0.83 \$2.76 \$3.52 \$2.07 \$27.5 \$2.6 \$2.8 \$2.1 \$2.0 \$2.0 \$1.3 \$0.34 \$0.78 \$1.05 \$0.77 \$5.5 \$5.5 \$5.6 \$6.8 \$0.84 \$2.68 \$3.9 \$1.89 \$0.77 \$5.5 \$5.5 \$5.6 \$6.8 \$0.84 \$2.68 \$3.9 \$1.89 \$0.77 \$5.5 \$5.5 \$5.6 \$5.8 \$6.8 \$0.84 \$2.68 \$3.9 \$1.89 \$2.64 \$2.67 \$2.64 \$2.77 \$2.0 \$1.2 \$2.0 \$2.3 \$2.1 \$1.5 \$0.33 \$0.88 \$1.22 \$0.81 \$0.1 \$1.6 \$1.7 \$1.9 \$2.0 \$1.2 \$0.81 \$1.22 \$0.81 \$0.1 \$1.6 \$1.7 \$1.9 \$1.9 \$2.0 \$1.2 \$0.81 \$1.22 \$0.81 \$1.6 \$1.7 \$1.9 \$1.9 \$2.0 \$1.2 \$0.81 \$1.24 \$0.81 \$1.6 \$0.75 \$0.2 \$1.8 \$1.8 \$1.8 \$1.8 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.79 \$0.1 \$1.8 \$1.1 \$0.9 \$0.80 \$0.8 \$0.8 \$0.79 \$0.9 \$0.80 \$0.8 \$0.8 \$0.79 \$0.9 \$0.80 \$0.8 \$0.8 \$0.79 \$0.9 \$0.80 \$0.8 \$0.8 \$0.79 \$0.9 \$0.80 \$0.8 \$0.8 \$0.79 \$0.9 \$0.80 \$0.8 \$0.8 \$0.79 \$0.9 \$0.80 \$0.8 \$0.8 \$0.79 \$0.9 \$0.80 \$0.8 \$0.8 \$0.9 \$0.80 \$0.8 \$0.9 \$0.80 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.8 \$0.9 \$0.8 \$0.9 \$0.9 \$0.8 \$0.9 \$0.9 \$0.8 \$0.9 \$0.9 \$0.9 \$0.9 \$0.9 \$0.9 \$0.9	1399	/1-00											
Kansas STD DEV 2.8 2.1 2.0 2.0 1.3 1.0 1.0 1.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	KS-14	31-00											27.54
31-60 AVERAGE 32.3 52.9 77.5 56.5 54.8 0.84 2.68 3.39 1.89 26.4 41-70 AVERAGE 31.9 52.9 70.6 56.0 54.3 0.81 2.64 3.76 2.04 27.7 51-80 AVERAGE 31.7 1.9 1.9 2.0 1.2 0.34 0.82 1.11 0.79 6.17 51-80 AVERAGE 31.7 1.9 1.9 2.0 1.2 0.34 0.82 1.11 0.79 6.17 51-80 AVERAGE 31.7 1.9 1.9 2.0 1.2 0.34 0.82 1.11 0.79 6.17 51-80 AVERAGE 31.7 53.1 76.3 55.1 54.2 0.73 2.66 3.36 0.75 6.2 51-80 AVERAGE 31.9 53.6 76.4 55.5 54.2 0.29 0.79 1.00 0.75 6.2 51-80 AVERAGE 31.9 53.6 76.4 55.5 54.3 0.29 0.79 0.83 0.74 4.9 71-00 AVERAGE 31.9 53.6 76.4 55.4 54.3 0.88 3.0 3.55 52.1 2.20 51-80 AVERAGE 3.10 50.5 55.5 54.5 54.5 0.29 0.79 0.79 0.79 4.6 Kentucky 31-60 AVERAGE 37.0 55.1 74.7 57.2 55.8 3.95 4.48 4.12 2.20 0.79 0.92 6.5 SITD DEV 3.2 2.1 1.5 1.7 1.1 1.40 1.02 0.89 0.80 6.8 51-80 AVERAGE 35.1 55.1 74.7 57.2 55.8 3.95 4.48 4.12 0.94 0.79 0.92 6.5 SITD DEV 3.5 3.9 55.3 74.6 57.1 55.7 3.84 4.38 4.05 0.79 0.92 6.5 SITD DEV 3.5													5.51
41-70 AVERAGE 31.9 52.9 76.6 56.0 54.3 0.81 2.64 3.76 2.04 27.7		31-60											26.40
SITID DEV 1.7 1.9 1.9 2.0 1.2 0.34 0.82 1.11 0.79 6.1	KITCH A												6.19
STIDEV 3.1.2 53.1 76.8 55.7 54.2 0.73 2.66 3.46 2.11 26.9	ALL TON IN	41-70											
STD DEV 2.7 2.0 1.9 2.1 1.2 0.29 0.79 1.06 0.75 6.2 STD DEV 2.8 2.1 1.6 1.8 1.1 0.33 0.78 0.83 0.74 4.9 71-00 AVBRAGE 31.0 5.5.7 76.5 55.5 54.1 0.79 2.81 3.48 2.21 27.8 STD DEV 2.8 2.1 1.6 1.8 1.1 0.33 0.78 0.83 0.83 0.74 4.9 FOR AVBRAGE 31.9 55.6 76.4 55.4 54.5 4.8 3.0 3.8 0.0 3.55 2.19 28.8 STD DEV 3.5 6 76.4 55.4 55.4 54.3 0.88 3.00 3.55 2.19 28.8 STD DEV 3.5 1.7 57.2 55.8 3.95 4.48 4.12 3.21 47.2 STD DEV 3.3 1.9 1.5 1.8 1.2 1.27 1.05 0.79 0.0 0.79 4.6 STD DEV 3.3 1.9 1.5 1.8 1.2 1.27 1.05 0.79 0.0 0.79 4.6 STD DEV 3.2 2.1 1.5 1.7 1.1 1.4 0.1 1.02 0.89 0.80 6.8 STD DEV 3.2 2.1 1.5 1.7 1.1 1.4 0.1 1.02 0.89 0.80 6.8 STD DEV 3.0 1.9 1.5 1.4 1.1 1.23 0.1 0.77 0.84 6.3 STD DEV 3.5 1.78 1.3 56.9 55.4 3.8 74 4.53 4.13 3.27 47.3 STD DEV 3.5 1.8 1.4 1.8 1.1 1.1 1.2 0.79 0.79 6.6 STD DEV 3.5 1.8 1.4 1.8 1.1 1.1 1.4 0.9 0.77 0.84 6.3 STD DEV 3.2 1.9 1.4 2.0 1.1 1.1 1.4 0.9 0.74 0.99 6.7 71-00 AVBRAGE 35.1 55.1 74.3 51.9 1.0 1.2 1.08 0.74 0.99 6.7 71-00 AVBRAGE 35.3 66.3 8.1 1.6 7.5 6.6 6.6 5.2 5.2 5.0 5.0 3.4 9.2 4.11 5.7 STD DEV 3.2 1.9 1.4 2.0 1.1 1.1 1.7 1.12 0.79 0.99 6.7 STD DEV 3.2 1.9 1.4 2.0 1.1 1.1 1.17 1.12 0.79 0.99 6.7 STD DEV 3.2 1.9 1.4 2.0 1.1 1.1 1.17 1.12 0.79 0.99 6.7 STD DEV 3.2 1.9 1.4 2.0 1.1 1.1 1.17 1.12 0.79 0.99 6.7 STD DEV 3.2 1.9 1.4 2.0 1.1 1.1 1.17 1.12 0.79 0.99 6.7 STD DEV 3.2 1.9 1.4 2.0 1.1 1.1 1.7 1.12 0.79 0.99 6.5 8 STD DEV 3.2 1.9 1.4 2.0 1.1 1.1 1.7 1.12 0.79 0.99 6.6 STD DEV 3.2 1.9 1.4 2.0 1.1 1.1 1.7 1.12 0.79 0.99 6.6 STD DEV 3.2 1.9 1.7 1.0 1.6 6.0 9 1.03 1.26 1.36 1.24 7.6 STD DEV 3.2 1.9 1.7 1.0 1.6 6.0 9 1.03 1.26 1.36 1.37 1.10 1.10 1.10 1.10 1.0 1.0 1.0 1.31 1.10 1.10		51-80											
STD DEV 31-00 AVERAGE 31-9 33-6 76-6 54-3 30-38 3.00 3.55 2.19 28.8 4.99 31-00 AVERAGE 31-9 33-6 76-6 51-8 1.8 1.3 0.38 3.00 3.55 2.19 28.8 4.94 4.12 3.15 2.15 2.15 3.16 3.16 3.16 3.16 3.16 3.18 3.10 3.18 3.00 3.15 2.19 28.8 4.17 3.16 3	MITTARO	51 00											6.29
## A99 STD DEV 3.6 76.4 55.4 54.3 0.88 3.00 3.55 2.19 28.8 ## KY-15 31-00 AVERAGE 31.9 53.6 76.4 55.4 54.3 0.88 3.00 3.55 2.19 28.8 ## KY-15 31-00 AVERAGE 31.9 53.6 76.4 55.1 74.7 57.2 55.8 3.95 4.48 4.12 3.21 47.2 ## AVERAGE 37.0 55.1 74.7 57.2 55.8 3.95 4.48 4.12 3.21 47.2 ## AVERAGE 37.0 55.1 75.3 57.5 56.2 4.11 4.26 4.08 2.93 46.1 ## AVERAGE 37.0 55.1 75.3 57.5 56.2 4.11 4.26 4.08 2.93 46.1 ## AVERAGE 35.9 55.3 74.6 57.1 55.7 3.84 4.38 4.05 3.04 45.9 ## STD DEV 3.1 1.5 1.4 1.1 1.1 1.3 0.91 0.77 0.84 6.3 ## AVERAGE 35.1 55.1 74.3 56.9 55.4 3.87 4.53 4.13 3.27 47.3 ## AVERAGE 31.0 AVERAGE 34.6 55.1 74.1 57.0 55.2 3.72 4.60 4.17 3.57 48.4 ## AVERAGE 31.0 AVERAGE 31.6 31.7 1.3 1.9 1.0 1.31 1.10 0.74 0.94 6.7 ## AVERAGE 31.0 AVERAGE 31.3 66.3 81.1 67.5 66.6 5.20 5.30 4.92 4.11 57.7 ## AVERAGE 31.0 AVERAGE 33.0 3.0 3.6 3.88 4.61 4.17 3.55 48.9 ## AVERAGE 31.0 AVERAGE 33.0 3.	HELL J	61-90											27.84
### Mary STD DEV 3.6 2.2 1.6 1.8 1.3 0.38 0.71 0.96 0.79 4.6	VV	L											4.90
KY-16 Kentucky 31-00 AVERAGE STD DEV 33.0-1, 55.1, 74.7, 57.2, 55.8, 3.995, 4.48, 4.12, 3.21, 47.2 31-60 AVERAGE STD DEV 33.0-1, 9 1.5 1.8 1.2 41-70 AVERAGE STD DEV 3.0-1, 9 1.5 1.8 1.2 41-70 AVERAGE STD DEV 3.0-1, 9 1.5 1.8 1.2 41-70 AVERAGE STD DEV 3.0-1, 9 1.5 1.8 1.2 41-70 AVERAGE STD DEV 3.0-1, 9 1.5 1.8 1.4 1.1 1.1 1.23 0.91 0.97 0.88 4.61 5.1 0.94 0.93 6.7 67.0-1, 1.1 1.1 1.23 0.91 0.97 0.84 4.3 8.5 0.9 6.7 71-00 AVERAGE STD DEV 3.2-1, 1.3 1.9 1.0 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1400	71-00											28.87
Kentucky SITD DEV 31-60 AVERAGE 37.0 55.1 75.3 57.5 56.2 4.11 4.26 4.08 2.93 46.1		31-00											4.68
31-60 AVERAGE STD DEV 3.2 2.1 1.5 1.7 1.1 1.4 1.0 1.02 0.89 0.80 6.80 6.87 5.50 5.50 5.00 5.00 4.50 4.59 4.51 6.50 5.00 5.00 5.00 4.82 3.50 4.51 6.50 5.00 5.00 5.00 5.00 5.00 6.80 6.80 6.80 6.80 6.80 6.80 6.80 6		31-00											6.52
STD DEV 3.2 2.1 1.5 1.7 1.1 1.40 1.02 0.89 0.80 6.8 4.59 STD DEV 3.0 1.9 1.5 1.4 1.1 1.23 0.91 0.77 0.84 6.3 STD DEV 3.5 1.8 1.4 1.8 1.1 1.12 0.79 0.98 6.5 STD DEV 3.5 1.8 1.4 1.8 1.1 1.14 0.94 0.73 0.99 6.7 STD DEV 3.1 1.7 74.1 57.0 55.2 3.72 4.60 4.17 3.57 48.4 STD DEV 3.1 1.7 74.1 57.0 55.2 3.72 4.60 4.17 3.57 48.4 STD DEV 3.1 1.7 74.1 57.0 55.2 3.72 4.60 4.17 3.55 48.9 STD DEV 3.1 1.7 74.5 57.0 55.6 3.98 4.61 4.17 3.55 48.9 STD DEV 3.1 1.7 74.5 57.0 55.6 3.98 4.61 4.17 3.55 48.9 STD DEV 3.2 1.9 1.4 2.0 1.1 1.17 1.12 0.79 0.98 6.5 STD DEV 3.2 1.9 1.4 2.0 1.1 1.17 1.12 0.79 0.98 6.5 STD DEV 3.2 1.9 1.4 2.0 1.1 1.17 1.12 0.79 0.98 6.5 STD DEV 2.9 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.6 STD DEV 2.9 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.5 1.2 1.7 0.9 1.20 1.65 1.03 1.26 8.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.2 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.8 STD DEV 3.3 1.6 1.1 1.1 1.1 1.7 0.8 1.59 1.56 1.10 1.20 8.2 STD DEV 3.3 1.5 1.2 1.7 0.9 1.20 1.65 1.03 1.26 8.8 STD DEV 3.3 1.5 1.2 1.7 0.9 1.20 1.65 1.03 1.26 8.8 STD DEV 3.3 2.1 5.5 1.2 1.7 0.9 1.20 1.65 1.03 1.26 8.8 STD DEV 3.3 2.0 1.4 1.1 1.7 0.8 1.59 1.56 1.0 1.20 8.2 STD DEV 3.3 2.0 1.4 1.2 1.7 0.9 1.6 0.8 0.85 0.6 0.6 0.8 STD DEV 3.3 2.0 1.4 1.4 1.4 1.0 0.8 0.8 0.8 0.6 0.6 0.5 0.8 STD DEV 3.3 2.0 1.4 1.4 1.4 1.0 0.8 0.8 0.8 0.6 0.6 0.	Nentucky	31-60											46.12
STD DEV 3.0 1.9 1.5 1.4 1.1 1.23 0.91 0.77 0.84 6.3	W.		STD DEV	3.2	2.1	1.5	1.7	1.1	1.40	1.02	0.89	0.80	6.81
STD DEV 3.5 1.8 1.4 1.8 1.1 1.14 0.94 0.73 0.99 6.7	A HOW ME	41-70											45.95
STD DEV 3.5 1.8 1.4 1.8 1.1 1.14 0.94 0.73 0.99 6.7 61-90 AVERAGE STD DEV 3.1 1.7 1.3 1.9 1.0 1.21 1.08 0.74 0.94 6.7 71-00 AVERAGE STD DEV 3.1 1.7 1.3 1.9 1.0 1.21 1.08 0.74 0.94 6.7 71-00 AVERAGE STD DEV 3.2 1.9 1.4 2.0 1.1 1.17 1.12 0.79 0.99 6.5 48.4 61 4.17 3.55 48.9 66.3 81.1 67.5 66.6 6.5 5.20 5.03 4.92 4.11 57.7 6.5 61.0 1.2 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3		E1 00											6.39
61-90 AVERAGE STD DEV	WITH THE	51-00											6.76
T1-00 AVERAGE 35.9 55.1 74.5 57.0 55.6 3.98 4.61 4.17 3.55 48.9	THE THE	61-90											48.41
STD DEV 3.2 1.9 1.4 2.0 1.1 1.17 1.12 0.79 0.98 6.5	0		STD DEV	3.1	1.7	1.3	1.9	1.0	1.21	1.08	0.74	0.94	6.70
LA-16 Louisiana STD DEV 2.8 1.6 1.1 1.6 1.0 1.37 1.53 1.19 1.21 8.1		71-00											48.90
Louisiana STD DEV 2.8		21 00											6.50
STD DEV 2.9 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.6		31-00											
STD DEV 2.9 1.7 1.0 1.6 0.9 1.03 1.26 1.36 1.24 7.6 STD DEV 3.0 1.6 1.1 1.4 0.9 1.00 1.31 1.10 1.19 8.1 STD DEV 3.0 1.6 1.1 1.4 0.9 1.00 1.31 1.10 1.19 8.1 STD DEV 3.2 1.5 1.2 1.7 0.9 1.20 1.65 1.03 1.26 8.8 STD DEV 3.2 1.5 1.2 1.7 0.9 1.20 1.65 1.03 1.26 8.8 STD DEV 2.5 1.4 1.1 1.7 0.8 1.59 1.56 1.10 1.20 8.2 T1-00 AVERAGE 50.9 66.3 80.7 67.2 66.0 5.20 4.86 4.86 4.31 57.6 STD DEV 2.5 1.4 1.1 1.7 0.8 1.59 1.56 1.10 1.20 8.2 T1-00 AVERAGE 50.9 66.3 81.1 67.4 66.4 5.33 5.22 4.94 4.56 60.1 STD DEV 2.5 1.4 1.2 1.7 0.9 1.67 1.82 1.13 1.14 7.8 ME-17 Maine 31-00 AVERAGE 17.1 39.1 63.8 44.9 41.2 3.12 3.29 3.57 3.77 41.2 STD DEV 2.7 1.9 1.3 1.6 1.2 0.78 0.85 0.62 0.79 5.3 STD DEV 2.7 2.0 1.4 1.4 1.1 0.0.81 0.77 0.65 0.81 5.1 STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.76 0.62 0.80 5.5 STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 STD DEV 2.9 1.8 1.2 1.7 1.0 0.86 0.96 0.58 0.76 0.52 0.80 5.5 STD DEV 3.3 38.8 63.5 44.5 40.8 3.08 3.25 3.63 3.77 41.2 STD DEV 3.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 STD DEV 3.9 1.8 1.2 1.7 1.0 0.86 0.96 0.58 0.76 0.50 0.81 5.1 STD DEV 3.4 1.9 1.2 1.4 1.2 0.79 0.91 0.61 0.83 5.5 STD DEV 3.4 1.9 1.2 1.4 1.2 0.79 0.91 0.61 0.83 5.5 STD DEV 3.4 1.9 1.2 1.4 1.2 0.79 0.91 0.61 0.83 5.5 STD DEV 3.1 1.9 1.0 1.5 1.0 0.87 0.86 1.04 0.97 6.0 STD DEV 3.1 1.9 1.0 1.5 1.0 0.87 0.86 1.04 0.97 6.0 STD DEV 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.1 STD DEV 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.1 STD DEV 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.1 STD DEV 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.1 STD DEV 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.1 STD DEV 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.1 STD DEV 3.1 1.9 1.0 1.5 5.0 0.83 0.67 0.76 1.19 0.88 5.1 STD DEV 3.1 1.9 1.0 1.5 5.0 0.83 0.67 0.76 1.19 0.76 5.6 STD DEV 3.1 1.9 1.0 1.5 5.0 0.83 0.67 0.76 1.19 0.76 5.6 ST	Louisiana	31-60											56.85
STD DEV 3.0	4												7.66
51-80 AVERAGE STD DEV 61-90 AVERAGE STD DEV 2.5 1.4 1.1 1.7 0.8 1.59 1.56 1.10 1.20 8.2 ME-17 Maine STD DEV 3.3 2.0.5 1.4 1.2 1.7 0.9 1.67 1.82 1.13 1.14 7.8 STD DEV 2.7 1.9 1.3 1.6 1.2 0.78 0.85 0.62 0.79 5.3 STD DEV 3.3 2.0 1.4 1.1 0.81 0.77 0.65 0.81 5.1 AVERAGE 5.70 DEV 3.3 2.0 1.4 1.1 0.81 0.77 0.65 0.81 5.1 STD DEV 2.7 1.9 1.3 1.6 1.2 0.78 0.85 0.62 0.79 5.3 STD DEV 3.3 2.0 1.4 1.4 1.1 0.81 0.77 0.65 0.81 5.1 Al-70 AVERAGE 5.70 DEV 2.7 1.9 1.3 1.6 1.2 0.78 0.85 0.62 0.79 5.3 STD DEV 2.7 1.9 1.3 1.6 1.2 0.78 0.85 0.62 0.79 5.3 STD DEV 2.7 2.0 1.4 1.4 1.1 0.81 0.77 0.65 0.81 5.1 Al-70 AVERAGE 5.70 DEV 2.7 2.0 1.4 1.4 1.1 0.81 0.77 0.65 0.81 5.1 STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.76 0.62 0.80 5.5 STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 STD DEV 2.8 1.9 1.3 1.7 1.0 0.86 0.96 0.58 0.76 5.9 TO AVERAGE 16.8 39.1 63.7 44.5 40.8 3.08 3.25 3.63 3.77 41.2 STD DEV 2.4 1.9 1.2 1.7 1.0 0.86 0.96 0.58 0.76 5.9 TO AVERAGE 16.8 39.1 63.7 44.2 41.0 3.15 3.49 3.71 3.71 42.2 STD DEV 2.9 1.7 1.1 1.5 1.0 0.87 0.86 1.04 0.97 6.0 MD-18 Maryland (and D.C.) MARYLAND (AND AVERAGE 14.8 5.1 1.9 1.1 1.5 1.0 0.87 0.86 1.04 0.97 6.0 STD DEV 2.9 1.7 1.1 1.5 1.0 0.83 0.76 1.09 0.88 5.3 TO DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 5.1 5.0 0.80 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.6 5.1 5.0 0.80 0.67 0.76 1.19 0.76 5.6 STD DEV 2.7 1.	ALDER OF	41-70					67.4		5.00	5.00	4.82		55.88
STD DEV 49.8 66.3 80.7 67.2 66.0 52.0 4.86 4.86 4.31 57.6 STD DEV 2.5 1.4 1.1 1.7 0.9 1.56 1.10 1.20 8.8 8.8 8.69	THE PROPERTY	F1 00											8.13
61-90 AVERAGE STD DEV 2.5 1.4 1.1 1.7 0.8 1.59 1.56 1.10 1.20 8.2 71-00 AVERAGE STD DEV 2.5 1.4 1.1 1.7 0.9 1.67 1.82 1.13 1.14 7.8 ME-17 Maine	N-H-X-X	51-80											
The standard of the standard o	THE THE	61-90											57.66
ME-17 Maine STD DEV S	0		STD DEV		1.4								8.29
ME-17 31-00 AVERAGE STD DEV STD DEV 17.1 39.1 63.8 44.9 41.2 3.12 3.29 3.57 3.77 41.2 Maine 31-60 AVERAGE STD DEV		71-00											60.14
Maine STD DEV 2.7 1.9 1.3 1.6 1.2 0.78 0.85 0.62 0.79 5.3	1699	21 25											7.89
31-60 AVERAGE STD DEV 3.3 2.0 1.4 1.4 1.1 0.81 0.77 0.65 0.81 5.1 1.4 1.7 3.1 3.27 3.50 3.78 41.0 1.4 1.7 1.1 0.81 0.77 0.65 0.81 5.1 1.4 1.7 1.4 3.9.1 63.7 45.5 41.4 3.08 3.05 3.44 3.79 40.1 1.4 1.4 1.0 0.85 0.76 0.62 0.80 5.5 1.80 AVERAGE 17.2 38.9 63.6 44.9 41.1 3.36 3.21 3.56 3.75 41.5 1.5 1.0 0.85 0.76 0.62 0.80 5.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0		3T-00											
STD DEV 41-70 AVERAGE STD DEV 2.7 2.0 1.4 1.4 1.0 0.81 0.77 0.65 0.81 5.1 STD DEV 2.7 2.0 1.4 1.4 1.0 0.85 0.76 0.62 0.80 5.5 1.80 AVERAGE 17.2 38.9 63.6 44.9 41.1 3.36 3.21 3.56 3.75 41.5 STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 5.9 STD DEV 1.9 1.8 1.2 1.7 1.0 0.86 0.96 0.58 0.76 5.9 STD DEV 2.4 1.9 1.2 1.4 1.2 0.79 0.91 0.61 0.83 5.5 MD-18 Maryland (and D.C.) MD-18 Maryland (and D.C.) STD DEV 3.4 52.1 73.3 56.1 54.1 3.13 3.80 4.34 3.40 44.0 41.70 AVERAGE 3.3.9 52.3 73.0 56.2 53.9 3.01 3.59 4.06 3.19 41.5 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 5.9 51-80 AVERAGE 33.6 52.3 73.0 56.0 53.7 3.22 3.65 4.09 3.36 42.8	iviaine	31-60											41.00
41-70 AVERAGE STD DEV 2.7 2.0 1.4 1.4 1.0 0.85 0.76 0.62 0.80 5.5 51-80 AVERAGE STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 61-90 AVERAGE STD DEV 1.9 1.8 1.2 1.7 1.0 0.86 0.96 0.58 0.76 5.9 71-00 AVERAGE 16.8 39.1 63.7 44.2 41.0 3.15 3.49 3.71 3.71 42.2 799 MD-18	A	00											5.17
51-80 AVERAGE STD DEV 2.8 1.9 1.3 1.7 1.2 0.89 0.83 0.67 0.77 6.2 61-90 AVERAGE STD DEV 1.9 1.8 1.2 1.7 1.0 0.86 0.96 0.58 0.76 5.9 71-00 AVERAGE 16.8 39.1 63.7 44.2 41.0 3.15 3.49 3.71 3.71 42.2 The standard of the	MITES OF	41-70	AVERAGE	17.4	39.1	63.7		41.4		3.05			40.12
STD DEV	THE DIPLO												5.51
61-90 AVERAGE STD DEV 1.9 1.8 1.2 1.7 1.0 0.86 0.96 0.58 0.76 5.9 71-00 AVERAGE 16.8 39.1 63.7 44.2 41.0 3.15 3.49 3.71 3.71 42.2 71.0 MD-18 31-00 AVERAGE 34.3 52.4 73.2 56.1 54.0 3.21 3.78 4.08 3.41 43.4 AMERICAN ARRIVATION OF STD DEV 2.9 1.7 1.1 1.5 1.0 0.87 0.86 1.04 0.97 6.0 Maryland (and D.C.) 31-60 AVERAGE 34.8 52.1 73.3 56.1 54.1 3.13 3.80 4.34 3.40 44.0 STD DEV 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.3 41-70 AVERAGE 33.9 52.3 73.0 56.2 53.9 3.01 3.59 4.06 3.19 41.5 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 51-80 AVERAGE 33.6 52.3 73.0 56.0 53.7 3.22 3.65 4.09 3.36 42.8	MATTER AND THE STATE OF THE STA	51-80											41.53
STD DEV 71-00 AVERAGE 16.8 39.1 63.7 44.2 41.0 3.15 3.49 3.71 3.71 42.2 5.79 MD-18	ATTY HILLY	61-90											6.21 41 21
71-00 AVERAGE STD DEV 2.4 1.9 1.2 1.4 1.2 0.79 0.91 0.61 0.83 5.5 MD-18 Maryland (and D.C.) MD-18 Maryland (and D.C.) MD-10 AVERAGE STD DEV 2.9 1.7 1.1 1.5 1.0 0.87 0.86 1.04 0.97 6.0 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.3 41.0 44.0 44.0 44.0 44.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	Danie S	01 90											5.96
To be series of the series of		71-00											42.21
Maryland (and D.C.) STD DEV 31-60 AVERAGE STD DEV 31-7 1.1 1.5 1.0 0.87 0.86 1.04 0.97 6.0 STD DEV 31-80 AVERAGE STD DEV 31-10 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.3 41-70 AVERAGE STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 51-80 AVERAGE 33.6 52.3 73.0 56.0 53.7 3.22 3.65 4.09 3.36 42.8	1799		STD DEV	2.4	1.9	1.2	1.4	1.2	0.79	0.91	0.61	0.83	5.54
31-60 AVERAGE STD DEV 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.3 41-70 AVERAGE STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 51-80 AVERAGE 33.6 52.3 73.0 56.0 53.7 3.22 3.65 4.09 3.36 42.8	MD-18	31-00											43.44
STD DEV 3.1 1.9 1.0 1.5 1.0 0.83 0.76 1.09 0.88 5.3 41-70 AVERAGE 33.9 52.3 73.0 56.2 53.9 3.01 3.59 4.06 3.19 41.5 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 51-80 AVERAGE 33.6 52.3 73.0 56.0 53.7 3.22 3.65 4.09 3.36 42.8	Maryland (and D.C.)	31.60											6.01
41-70 AVERAGE 33.9 52.3 73.0 56.2 53.9 3.01 3.59 4.06 3.19 41.5 STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 51-80 AVERAGE 33.6 52.3 73.0 56.0 53.7 3.22 3.65 4.09 3.36 42.8	145	31-00											5.39
STD DEV 2.7 1.6 1.1 1.4 0.9 0.67 0.76 1.19 0.76 5.6 51-80 AVERAGE 33.6 52.3 73.0 56.0 53.7 3.22 3.65 4.09 3.36 42.8	ATTIME D	41-70											41.57
	THE TON		STD DEV										5.60
	[VI TURE	51-80											42.89
	THE HIDE	61 00	STD DEV	2.8	1.6	0.9	1.6	0.9	0.95	0.78		0.96	6.23
	1 march	61-90											42.75
	~ *	71-00											6.58 44.54
	1899	00											6.59
		1		<u> </u>			-			-			

Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Massachusetts - Montana

State/Region		ment		SPR-Temp				WIN-Prcp	SPR-Prcp	SUM-Prcp	AUT-Prcp	ANN-Prcp
	31-00	AVERAGE	27.2	45.6	68.1	50.8	47.9	3.64	3.85	3.66	3.90	45.15
Massachusetts	21 60	STD DEV	2.8	1.8	1.2	1.5	1.0	0.86	1.00	0.98	1.00	6.55
	31-60	AVERAGE STD DEV	27.5 3.1	45.7 1.9	68.3 1.2	51.3 1.3	48.2 1.0	3.51 0.69	3.81 0.82	3.64 1.03	3.77 1.01	44.18 5.65
ATTION S	41-70	AVERAGE	26.9	45.6	68.0	51.4	47.9	3.48	3.65	3.40	3.66	42.65
		STD DEV	2.7	1.9	1.2	1.3	1.0	0.73	0.91	0.92	0.91	6.18
	51-80	AVERAGE	26.8	45.4	67.9	50.8	47.7	3.80	3.81	3.52	3.89	44.99
W TUAN		STD DEV	2.6	1.8	1.0	1.5	1.0	1.01	0.95	0.92	1.02	7.32
The state of	51-90	AVERAGE	26.2	45.4	67.8	50.5	47.5	3.70	3.84	3.67	3.90	45.40
9 9		STD DEV	2.0	1.6	1.0	1.6	0.8	1.06	1.21	0.91	0.96	7.38
1999	71-00	AVERAGE	27.4	45.7 1.7	68.0	50.3 1.5	47.9	3.83 1.04	4.06	3.89	4.11 1.02	47.68
	31_00	STD DEV AVERAGE	2.7	41.9	1.2	47.6	1.1	1.04	1.12 2.58	0.96 3.21	2.95	6.60 31.80
Michigan	JI 00	STD DEV	3.0	2.3	1.6	1.8	1.3	0.43	0.50	0.50	0.69	2.99
Wildingan	31-60	AVERAGE	22.0	41.3	66.6	47.8	44.4	1.83	2.58	3.15	2.83	31.13
A Town		STD DEV	2.8	2.2	1.5	1.9	1.2	0.41	0.56	0.52	0.71	3.11
Harris de la	11-70	AVERAGE	21.3	41.7	66.1	48.0	44.3	1.78	2.66	3.19	2.85	31.42
		STD DEV	2.5	2.0	1.6	1.7	1.0	0.45	0.49	0.39	0.69	3.27
W + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	oT-80	AVERAGE	20.7	41.9	66.0	47.7	44.1	1.84	2.62	3.29	2.79	31.60
ATTY HILLY	51_90	STD DEV AVERAGE	2.9 20.6	1.8 42.3	1.4 66.0	1.9 47.6	1.0 44.1	0.41 1.86	0.45 2.57	0.47 3.22	0.64 3.08	3.19 32.25
Daniel 1	J = - 9 U	STD DEV	20.8	2.1	1.4	1.7	1.1	0.43	0.46	0.47	0.69	32.25
7	71-00	AVERAGE	21.7	42.6	66.2	47.3	44.4	1.91	2.62	3.32	3.08	32.79
2099		STD DEV	3.3	2.5	1.7	1.9	1.5	0.42	0.50	0.50	0.70	2.52
MN-21	31-00	AVERAGE	11.9	40.8	67.0	44.0	40.9	0.76	2.20	3.76	2.03	26.29
Minnesota		STD DEV	4.2	2.9	1.7	2.3	1.7	0.25	0.57	0.68	0.70	3.69
3	31-60	AVERAGE	12.1	40.1	67.3 1.7	44.2	40.9	0.74	2.15	3.71	1.79	25.16
ET TO	11_70	STD DEV AVERAGE	3.9 11.5	40.0	66.7	2.3 44.3	1.6 40.6	0.24 0.76	0.59 2.28	0.84 3.86	0.55 1.92	3.31 26.46
AL TOUR	11-70	STD DEV	3.2	2.5	1.6	2.2	1.3	0.70	0.52	0.70	0.67	3.23
	51-80	AVERAGE	10.7	40.3	66.7	44.0	40.5	0.79	2.19	3.81	1.96	26.20
NI TUAN		STD DEV	3.4	2.6	1.4	2.2	1.3	0.29	0.56	0.63	0.79	4.07
The Barry of	51-90	AVERAGE	11.0	41.2	66.9	43.9	40.7	0.77	2.23	3.71	2.18	26.68
4 7		STD DEV	4.0	3.0	1.6	1.9	1.7	0.28	0.55	0.54	0.80	4.12
2199	/1-00	AVERAGE	12.4 4.9	41.9 3.2	66.8 1.8	43.5 2.2	41.2 1.9	0.76	2.19 0.54	3.90	2.25 0.72	27.29
	31_00	STD DEV AVERAGE	47.2	63.6	79.8	64.5	63.7	0.19 5.38	5.37	0.48 4.30	3.69	3.74 56.20
Mississippi	00	STD DEV	3.0	1.7	1.3	1.8	1.1	1.46	1.51	0.95	1.26	8.58
Mississippi	31-60	AVERAGE	48.5	63.9	80.4	65.0	64.4	5.29	5.11	4.32	3.38	54.27
M. T.		STD DEV	3.2	1.8	1.3	1.8	1.0	1.26	1.09	1.03	1.42	7.47
CALLEGA NO !	11-70	AVERAGE	47.2	63.8	79.8	64.4	63.8	5.25	5.19	4.20	3.46	54.19
	-1 00	STD DEV	3.1	1.7	1.4	1.5	1.0	1.09	1.08	0.94	1.30	8.37
	21-80	AVERAGE STD DEV	46.3 3.2	63.4 1.7	79.5 1.4	64.0 1.7	63.3 1.0	5.29 1.27	5.61 1.52	4.14 0.86	3.65 1.41	55.96 9.52
THE THE	51-90	AVERAGE	45.6	63.3	79.2	64.1	63.1	5.43	5.55	4.22	3.99	57.77
Land A	,,,,	STD DEV	2.6	1.5	1.1	1.8	0.8	1.68	1.71	0.88	1.21	9.59
5	71-00	AVERAGE	46.7	63.2	79.5	64.2	63.4	5.46	5.77	4.31	4.13	59.02
2299		STD DEV	2.6	1.5	1.2	1.8	1.0	1.70	1.87	0.97	1.07	8.85
	31-00	AVERAGE	32.7	54.2	75.8	56.5	54.8	2.19	4.00	3.94	3.43	40.65
Missouri	21 60	STD DEV	3.1	2.0	1.9	2.0	1.3	0.65	1.05	1.01	1.17	6.61
	00-10	AVERAGE STD DEV	33.6 2.7	54.0 2.0	76.5 2.2	57.0 2.1	55.3 1.4	2.18 0.67	3.87 1.12	3.95 1.11	3.15 1.17	39.42 6.39
ATTIME S	11-70	AVERAGE	32.9	54.1	75.5	56.7	54.8	2.07	3.99	4.08	3.23	40.09
HEHADY		STD DEV	2.0	1.9	1.8	1.8	1.2	0.68	0.96	0.95	1.11	6.42
	51-80	AVERAGE	31.9	54.2	75.6	56.4	54.5	1.98	3.93	3.82	3.23	38.92
A THAT		STD DEV	3.1	1.9	1.7	2.1	1.2	0.59	0.99	0.95	1.02	7.17
La series	51-90	AVERAGE	31.3	54.4	75.2	56.2	54.3	2.15	4.05	3.88	3.62	41.17
3	71 _ 0.0	STD DEV AVERAGE	3.0 32.3	2.0 54.4	1.5 75.4	1.8 56.0	1.0 54.5	0.71 2.30	1.05 4.12	0.89 3.93	1.10 3.70	6.97 42.15
2399	/1-00	STD DEV	3.5	2.2	1.5	2.0	1.2	0.60	1.06	1.04	1.20	7.04
	31-00	AVERAGE	20.6	41.5	64.1	43.3	42.4	0.74	1.41	1.80	1.03	14.92
Montana		STD DEV	4.4	2.5	1.7	2.3	1.6	0.20	0.33	0.49	0.34	2.24
3	31-60	AVERAGE	20.0	40.9	64.1	43.6	42.1	0.72	1.29	1.77	0.98	14.25
		STD DEV	4.3	2.4	1.7	2.0	1.6	0.17	0.33	0.42	0.37	2.21
JA TON ME	11-70	AVERAGE	20.1	40.3	63.6	43.3	41.8	0.75	1.37	1.88	1.03	15.11
17-50	1 00	STD DEV	4.2	2.1	1.5	2.3	1.3	0.19	0.30	0.44	0.36	1.80
WATER TO THE STATE OF THE STATE	υ <u>τ</u> -80	AVERAGE STD DEV	19.9 4.1	40.5 2.1	63.8 1.4	43.2 2.2	41.9 1.4	0.82 0.21	1.44 0.33	1.78 0.40	1.01	15.16 2.23
L THE	51-90	AVERAGE	20.4	41.7	64.3	43.1	42.4	0.78	1.50	1.76	1.07	15.34
1	20	STD DEV	4.4	2.5	1.5	2.5	1.6	0.22	0.32	0.42	0.34	2.17
7	71-00	AVERAGE	21.2	42.5	64.2	43.0	42.7	0.73	1.51	1.80	1.08	15.34
2499		STD DEV	4.6	2.4	1.6	2.5	1.8	0.23	0.31	0.56	0.33	2.36
2499												

Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Nebraska – New York

State/Region		ment	WIN-Temp	SPR-Temp				WIN-Prcp	SPR-Prcp	SUM-Prcp		ANN-Prcp
NE-25	31-00	AVERAGE	25.6	47.7	72.3	50.2	49.0	0.58	2.38	3.09	1.45	22.47
Nebraska	21 60	STD DEV	3.5	2.1	1.9	2.0	1.4	0.20	0.70	0.70	0.54	3.86
	31-60	AVERAGE STD DEV	25.7 3.1	47.4 2.2	73.1 2.1	50.9 1.9	49.3 1.5	0.62 0.21	2.27 0.68	2.96 0.67	1.29 0.54	21.37
ATTION D	41-70	AVERAGE	25.5	47.1	72.1	50.4	48.8	0.59	2.26	3.30	1.40	22.63
772		STD DEV	2.4	1.9	1.7	1.9	1.2	0.22	0.60	0.61	0.55	3.41
	51-80	AVERAGE	24.8	47.3	72.2	50.1	48.6	0.56	2.35	3.13	1.38	22.27
A THAT		STD DEV	3.1	1.8	1.6	2.0	1.2	0.20	0.66	0.68	0.56	4.00
Jan Bridge	61-90	AVERAGE	24.8	48.0	72.0	49.8	48.6	0.55	2.46	3.10	1.52	22.90
3	71_00	STD DEV AVERAGE	3.4 25.7	2.1 48.2	1.3 71.8	1.8 49.5	1.2 48.8	0.18 0.55	0.70 2.60	0.58 3.11	0.55 1.60	3.77 23.60
2599	71-00	STD DEV	4.2	2.3	1.5	2.0	1.5	0.33	0.72	0.71	0.54	3.85
NV-26	31-00	AVERAGE	31.9	47.7	68.9	50.5	49.8	0.90	0.85	0.57	0.66	8.93
Nevada		STD DEV	3.2	2.3	1.6	1.7	1.1	0.33	0.33	0.28	0.30	2.04
	31-60	AVERAGE	31.5	47.9	69.1	50.9	49.8	0.92	0.79	0.47	0.58	8.25
M. K.		STD DEV	3.9	2.3	1.6	1.6	1.3	0.28	0.28	0.22	0.26	1.83
ALL STORMS	41-70	AVERAGE	31.8	46.9	68.3	50.5	49.4	0.88	0.79	0.59	0.61	8.59
	51-80	STD DEV AVERAGE	3.1 32.0	1.8 46.7	1.4 68.6	1.6 50.4	0.9 49.4	0.34 0.89	0.26 0.81	0.30 0.61	0.24 0.62	1.97 8.75
WITH THE	31-00	STD DEV	2.7	1.7	1.4	1.6	0.8	0.36	0.32	0.28	0.02	1.74
THE THE	61-90	AVERAGE	31.8	47.2	68.7	50.1	49.4	0.86	0.87	0.68	0.75	9.46
1		STD DEV	2.6	2.0	1.5	1.8	0.9	0.36	0.32	0.31	0.32	2.07
	71-00	AVERAGE	32.2	48.0	69.0	50.2	49.9	0.88	0.96	0.59	0.76	9.50
2699	21 25	STD DEV	2.8	2.3	1.5	1.8	1.1	0.34	0.36	0.28	0.35	2.17
NH-27	3T-00	AVERAGE STD DEV	20.8	41.9 2.0	65.4 1.2	46.6 1.5	43.7 1.1	3.10 0.72	3.44 0.91	3.73 0.64	3.72 0.81	42.02 5.33
New Hampshire	31-60	AVERAGE	20.9	41.7	65.4	46.9	43.7	3.08	3.50	3.66	3.67	41.68
	51 00	STD DEV	3.3	2.1	1.3	1.3	1.0	0.71	0.94	0.59	0.79	5.07
HALLIER O	41-70	AVERAGE	20.5	41.7	65.1	47.1	43.6	3.06	3.30	3.56	3.61	40.60
		STD DEV	2.7	2.1	1.3	1.4	0.9	0.73	0.88	0.54	0.74	5.26
MA PLANT	51-80	AVERAGE	20.5	41.7	65.1	46.5	43.5	3.28	3.39	3.58	3.68	41.73
WITH THE	C1 00	STD DEV	2.6	1.9	1.2	1.7	1.0	0.85	0.88	0.60	0.83	5.61
Lange of	61-90	AVERAGE STD DEV	20.1	42.0 1.9	65.2 1.1	46.4 1.7	43.5 1.0	3.09 0.83	3.38 0.93	3.78 0.68	3.69 0.77	41.89 5.85
	71-00	AVERAGE	21.1	42.4	65.5	46.3	43.8	3.16	3.54	3.92	3.84	43.41
2799		STD DEV	2.6	1.9	1.2	1.5	1.2	0.76	0.90	0.70	0.88	5.35
NJ-28	31-00	AVERAGE	32.5	50.3	72.1	55.0	52.5	3.36	3.90	4.25	3.64	45.45
New Jersey		STD DEV	2.9	1.7	1.1	1.5	1.0	0.93	1.04	1.07	1.05	6.21
•	31-60	AVERAGE	32.7	50.1 1.8	72.2	55.1 1.5	52.5	3.28	3.85	4.39	3.68	45.54 5.18
KITTING B	41-70	STD DEV AVERAGE	3.1 32.0	50.2	1.1 72.0	55.3	1.0 52.4	0.87 3.25	0.98 3.72	1.13 4.15	1.03 3.44	43.68
44-11-00-1X	11 /0	STD DEV	2.6	1.7	1.1	1.4	0.9	0.77	0.96	1.26	0.92	6.06
The state of	51-80	AVERAGE	32.0	50.2	72.0	55.0	52.3	3.49	3.84	4.16	3.64	45.30
W THAT		STD DEV	2.6	1.6	0.9	1.5	0.9	1.03	0.98	1.18	1.00	7.15
The state of	61-90	AVERAGE	31.6	50.3	72.0	54.9	52.2	3.36	3.95	4.15	3.63	45.33
3 3	71 00	STD DEV	2.3 33.0	1.6 50.6	0.9	1.7 54.8	0.9 52.7	1.03 3.53	1.19 4.13	1.06 4.27	1.07 3.76	7.43 47.08
2899	71-00	AVERAGE STD DEV	2.7	1.7	72.2 1.2	1.5	1.1	1.09	1.13	0.89	1.09	6.60
NM-29	31-00	AVERAGE	35.8	52.2	71.5	54.0	53.4	0.64	0.79	1.94	1.16	13.60
New Mexico		STD DEV	2.0	1.6	1.0	1.3	0.9	0.28	0.40	0.41	0.51	3.02
	31-60	AVERAGE	35.7	52.0	71.8	54.2	53.4	0.62	0.83	1.82	1.06	12.99
ATT N	41 70	STD DEV	2.0	1.4	0.9	1.2	0.8	0.23	0.48	0.31	0.52	3.64
AD-HOW OR	41-70	AVERAGE STD DEV	35.6 1.9	51.9 1.3	71.6 1.0	54.2 1.2	53.3	0.59 0.24	0.73 0.47	1.90 0.35	1.01 0.55	12.65 3.58
E THIE	51-80	AVERAGE	35.5	51.7	71.6	53.9	53.2	0.24	0.47	1.87	1.08	12.59
N LAND	00	STD DEV	1.9	1.6	1.1	1.4	0.8	0.23	0.30	0.39	0.52	2.39
The Day	61-90	AVERAGE	35.4	52.0	71.2	53.8	53.1	0.65	0.71	2.01	1.26	13.85
V V		STD DEV	1.8	1.9	0.9	1.3	0.8	0.27	0.28	0.45	0.52	2.45
2000	71-00	AVERAGE	36.1	52.4	71.4	53.8	53.4	0.67	0.82	2.05	1.32	14.58
2999 NY-30	31-00	STD DEV AVERAGE	1.9 23.1	1.9 43.4	1.1	1.3 48.6	1.0 45.5	0.33 2.77	0.34 3.29	0.48 3.68	0.51 3.48	2.34
	21-00	STD DEV	3.0	2.1	1.4	1.7	1.2	0.54	0.66	0.59	0.75	4.38
New York	31-60	AVERAGE	23.5	43.3	67.3	49.1	45.8	2.77	3.29	3.56	3.32	38.75
W. Carlotte		STD DEV	3.4	2.1	1.4	1.6	1.1	0.50	0.63	0.46	0.66	3.60
ALITA A	41-70	AVERAGE	22.8	43.4	66.9	49.3	45.6	2.70	3.23	3.50	3.29	38.16
(THE HE		STD DEV	2.8	2.0	1.4	1.4	1.0	0.51	0.65	0.41	0.74	3.90
WHITE STATES	51−80	AVERAGE	22.6	43.3	66.5	48.7	45.3	2.86	3.26	3.60	3.47	39.52
THE TOTAL	61-90	STD DEV AVERAGE	2.8 22.2	1.8 43.4	1.2 66.3	1.8 48.4	1.1 45.1	0.63 2.73	0.57 3.25	0.58 3.77	0.83 3.61	4.65 40.20
Sang D	01-9U	STD DEV	2.3	1.9	1.0	1.8	0.9	0.63	0.69	0.61	0.82	5.01
	71-00	AVERAGE	23.3	43.6	66.5	48.1	45.4	2.87	3.41	3.89	3.76	41.80
3099		STD DEV	2.9	2.2	1.3	1.7	1.2	0.60	0.71	0.69	0.78	4.42
			1				<u> </u>					

Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

North Carolina – Pennsylvania

State/Region		ment	WIN-Temp	SPR-Temp	SUM-Temp	AUT-Temp	ANN-Temp	WIN-Prcp	SPR-Prcp	SUM-Prcp	AUT-Prcp	ANN-Prcp
NC-31	31-00	AVERAGE	42.1	58.3	75.8	60.3	59.1	3.80	3.95	5.10	3.68	49.59
North Carolina		STD DEV	2.9	1.6	1.1	1.6	1.0	0.94	0.73	0.90	1.21	5.25
	31-60	AVERAGE	42.9	58.5	76.2	60.7	59.5	3.70	3.86	5.30	3.57	49.24
KT TT	41 70	STD DEV	3.1	1.8	0.8	1.4	0.9	0.99	0.52	0.82	1.30	5.23
ALL SWIN	41-70	AVERAGE STD DEV	41.7 2.8	58.5 1.6	75.6 1.1	60.3 1.3	59.0 1.0	3.66 0.71	3.80 0.53	5.31 0.88	3.59 1.15	49.05 4.97
	51_80	AVERAGE	41.3	58.2	75.3	60.0	58.7	3.84	4.08	4.98	3.68	49.68
W To Andrew	31-00	STD DEV	2.9	1.5	1.1	1.5	0.9	0.72	0.64	0.83	1.12	4.95
THE THE	61-90	AVERAGE	40.9	58.1	75.3	60.1	58.6	3.85	4.05	4.92	3.68	49.52
6		STD DEV	2.5	1.3	1.1	1.8	0.9	0.94	0.92	0.91	1.06	5.68
	71-00	AVERAGE	42.1	58.2	75.7	60.2	59.0	3.92	4.14	4.80	3.92	50.34
3199		STD DEV	2.5	1.5	1.1	1.7	1.0	1.02	0.92	0.89	1.20	5.39
ND-32	31-00	AVERAGE	11.1	39.9	66.5	42.3	40.0	0.45	1.47	2.71	1.12	17.27
North Dakota	21 60	STD DEV	5.3	3.1	1.9	2.4	1.9	0.15	0.49	0.66	0.52	3.00
	31-60	AVERAGE	10.6	39.1	66.6	42.5	39.7	0.44	1.36	2.72	1.00	16.59
A S	41_70	STD DEV AVERAGE	5.2 10.4	2.6 38.6	1.9 66.0	2.4 42.6	1.8 39.4	0.15 0.46	0.52 1.50	0.61 2.85	0.42 1.05	3.06 17.58
HO TO THE	41-70	STD DEV	4.3	2.6	1.7	2.6	1.6	0.17	0.53	0.63	0.41	2.50
	51-80	AVERAGE	10.0	39.1	66.3	42.5	39.5	0.45	1.51	2.68	1.07	17.14
NITUHO!		STD DEV	4.3	3.0	1.5	2.4	1.5	0.15	0.56	0.58	0.51	2.56
The Bart	61-90	AVERAGE	10.8	40.3	66.7	42.3	40.0	0.45	1.57	2.58	1.13	17.17
N 1)		STD DEV	5.0	3.5	1.8	2.3	1.9	0.14	0.49	0.62	0.54	2.77
	71-00	AVERAGE	12.2	41.1	66.6	42.0	40.4	0.46	1.50	2.68	1.29	17.81
3299	21 25	STD DEV	5.7	3.5	1.9	2.3	2.1	0.13	0.45	0.66	0.61	3.03
OH-33	31-00	AVERAGE	29.6	49.5	71.3	53.2	50.9	2.54	3.57	3.80	2.75	37.99
Ohio	31-60	STD DEV AVERAGE	3.4 30.5	2.0 49.4	1.5 71.9	1.8 53.5	1.3 51.3	0.71 2.64	0.80 3.54	0.76 3.76	0.74 2.59	4.52 37.54
	31-00	STD DEV	3.3	2.0	1.5	1.6	1.2	0.83	0.88	0.75	0.69	4.64
FITTING D	41-70	AVERAGE	29.4	49.5	71.2	53.3	50.8	2.52	3.66	3.61	2.60	37.13
14-1-1-10-AF		STD DEV	3.0	1.8	1.4	1.5	1.1	0.80	0.84	0.73	0.79	4.43
	51-80	AVERAGE	28.6	49.4	70.8	53.0	50.5	2.52	3.54	3.77	2.67	37.48
ALL THAT		STD DEV	3.5	1.8	1.2	1.9	1.2	0.67	0.73	0.89	0.76	4.15
Jan Strang	61-90	AVERAGE	28.1	49.6	70.6	53.0	50.3	2.37	3.58	3.80	2.95	38.30
3	71_00	STD DEV AVERAGE	3.2 29.5	2.0 49.7	1.2 70.9	2.0 52.9	1.1 50.7	0.62 2.56	0.79 3.53	0.78 3.99	0.78 2.95	4.60 39.09
3399	71-00	STD DEV	3.6	2.3	1.5	1.9	1.3	0.58	0.68	0.77	0.75	4.48
OK-34	31-00	AVERAGE	39.3	58.9	79.9	61.0	59.8	1.67	3.62	3.24	2.94	34.38
Oklahoma		STD DEV	2.5	1.8	1.9	1.9	1.1	0.64	0.99	0.98	1.08	6.00
Oktanoma	31-60	AVERAGE	39.8	58.6	80.4	61.5	60.1	1.68	3.57	3.22	2.58	33.19
The same of		STD DEV	2.2	1.8	2.1	1.9	1.3	0.64	1.09	1.14	1.06	6.62
DY-HOM AN	41-70	AVERAGE	39.3	58.6	79.8	61.2	59.7	1.54	3.60	3.35	2.69	33.51
	51_80	STD DEV AVERAGE	1.7 38.8	1.7 58.9	1.8 80.0	1.7 61.0	1.1 59.7	0.59 1.36	1.04 3.50	1.04 3.15	1.07 2.79	6.72 32.46
	31 00	STD DEV	2.7	1.9	1.9	2.1	1.2	0.45	1.10	0.87	1.06	6.61
THE THE	61-90	AVERAGE	38.2	59.2	79.5	60.8	59.5	1.57	3.59	3.13	3.15	34.25
0		STD DEV	2.5	1.9	1.5	1.7	1.0	0.61	0.94	0.78	1.08	5.84
	71-00	AVERAGE	39.1	59.1	79.6	60.6	59.6	1.75	3.84	3.24	3.32	36.51
3499		STD DEV	3.0	1.8	1.7	1.9	1.1	0.69	0.91	0.93	1.06	4.90
OR-35	31-00	AVERAGE	33.7	46.6	63.4	49.0	48.2	3.75	2.23	0.83	2.31	27.32
Oregon	31-60	STD DEV AVERAGE	2.7 33.2	1.9 46.7	1.4 63.1	1.6 49.0	1.1 48.0	1.04 3.79	0.54 2.20	0.34 0.79	0.78 2.28	4.50 27.12
	31 00	STD DEV	3.2	2.1	1.3	1.3	1.1	0.96	0.53	0.75	0.80	4.42
To Tree of	41-70	AVERAGE	33.7	46.0	63.0	49.0	47.9	3.84	2.15	0.85	2.44	27.91
		STD DEV	2.7	1.6	1.5	1.4	0.9	1.07	0.55	0.36	0.65	3.92
MATT	51-80	AVERAGE	34.0	45.8	63.3	48.9	48.0	3.93	2.17	0.82	2.31	27.70
ALL ALLA		STD DEV	2.4	1.4	1.6	1.4	0.8	1.13	0.53	0.33	0.78	3.41
La series L	61-90	AVERAGE	33.8	46.3	63.7	48.8	48.1	3.70	2.17	0.87	2.38	27.34
7	71_00	STD DEV AVERAGE	2.2 34.0	1.6 46.9	1.5 63.7	1.9 48.9	0.9 48.4	1.09 3.67	0.49 2.33	0.32 0.87	0.80 2.29	4.14 27.38
3599	71-00	STD DEV	2.4	1.8	1.4	1.8	1.1	1.11	0.54	0.32	0.84	5.04
PA-36	31-00	AVERAGE	28.3	47.4	69.0	51.3	49.0	2.80	3.69	4.00	3.33	41.44
Pennsylvania		STD DEV	3.1	1.8	1.4	1.7	1.1	0.65	0.69	0.71	0.71	4.71
. Jinoyivania	31-60	AVERAGE	29.1	47.5	69.6	51.8	49.5	2.79	3.82	4.04	3.17	41.42
MT .		STD DEV	3.1	1.9	1.3	1.5	1.0	0.63	0.75	0.63	0.63	3.93
M. M. H.	41-70	AVERAGE	27.9	47.4	68.9	51.6	49.0	2.71	3.72	3.86	3.16	40.35
1 THE THE	E1 00	STD DEV	2.8	1.8	1.3	1.5	1.0	0.61	0.72	0.78	0.68	4.48
WITH THE	21-80	AVERAGE STD DEV	27.5 3.0	47.2 1.6	68.6 1.1	51.2 1.8	48.6 1.0	2.88 0.74	3.62 0.63	3.92 0.82	3.31 0.67	41.11 4.77
L HILL	61-90	AVERAGE	27.0	47.2	68.3	51.1	48.4	2.73	3.56	4.02	3.44	41.38
1		STD DEV	2.7	1.7	1.0	1.9	0.9	0.72	0.64	0.73	0.70	4.98
	71-00	AVERAGE	28.4	47.4	68.6	50.9	48.8	2.91	3.67	4.13	3.58	42.87
3699		STD DEV	3.0	2.0	1.4	1.6	1.2	0.69	0.64	0.68	0.74	5.04
			•									

Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Rhode Island – Utah

State/Region		ement			SUM-Temp			WIN-Prcp	SPR-Prcp	SUM-Prcp	AUT-Prcp	
RI-37	31-00	AVERAGE	31.0	46.6	68.6	53.2	49.9	3.88	3.96	3.35	3.88	45.20
Rhode Island	21 60	STD DEV	2.6	1.6	1.3	1.4	1.1	1.03	1.09	1.09	1.15	7.10
	31-60	AVERAGE STD DEV	31.3 2.9	46.4 1.6	68.5 1.2	53.4 1.2	49.9 1.1	3.65 0.86	3.77 0.91	3.31 1.11	3.68 1.25	43.23 6.58
ATTOM D	41-70	AVERAGE	30.7	46.3	68.3	53.4	49.7	3.68	3.76	3.15	3.76	43.06
PAT 17 10 10	41-70	STD DEV	2.5	1.7	1.4	1.2	1.0	0.87	1.06	1.06	1.23	7.23
	51-80	AVERAGE	30.7	46.5	68.3	53.0	49.6	4.08	4.01	3.28	3.99	45.99
NITTURAS.		STD DEV	2.5	1.7	1.2	1.4	1.0	1.17	1.02	0.94	1.16	7.78
一元 正式	61-90	AVERAGE	30.3	46.6	68.5	53.0	49.6	3.97	4.04	3.37	4.02	46.20
8 0		STD DEV	2.1	1.5	1.2	1.6	0.9	1.23	1.28	1.03	1.11	7.66
	71-00	AVERAGE	31.4	47.0	68.8	53.1	50.1	4.12	4.23	3.57	4.04	47.94
3799		STD DEV	2.4	1.6	1.2	1.5	1.1	1.21	1.20	1.16	1.04	6.79
SC-38	31-00	AVERAGE	46.2	62.1	78.5	63.5	62.6	3.80	3.83	5.13	3.40	48.44
South Carolina	31_60	STD DEV AVERAGE	2.9 47.0	1.6 62.4	1.2 79.0	1.6 63.8	1.0 63.0	1.11 3.51	0.92 3.75	1.11 5.05	1.20 3.22	6.68 46.53
	31 00	STD DEV	3.1	1.7	0.9	1.4	0.8	1.07	0.84	0.95	1.39	6.96
AT ITES D	41-70	AVERAGE	45.9	62.3	78.4	63.4	62.5	3.59	3.98	5.22	3.30	48.29
HALLANDER		STD DEV	2.9	1.5	1.1	1.4	1.0	0.88	0.79	1.12	1.29	7.24
	51-80	AVERAGE	45.5	62.1	78.1	63.2	62.2	3.85	4.16	5.07	3.31	49.10
N THAT		STD DEV	3.0	1.5	1.3	1.5	0.9	0.80	0.75	1.14	1.10	7.47
The territory	61-90	AVERAGE	45.1	61.9	78.0	63.3	62.1	3.95	3.99	5.20	3.40	49.63
a v	1 1 00	STD DEV	2.6	1.3	1.2	1.8	1.0	1.06	0.98	1.14	0.99	6.39
2000	1,T-00	AVERAGE	46.1	62.0	78.4	63.4	62.4	4.07	3.83	5.02	3.70	49.78
3899 SD-39	31-00	STD DEV AVERAGE	2.5 19.1	1.5 44.1	1.3	1.8 47.0	1.0 45.1	1.21 0.47	1.08	1.22 2.67	1.05 1.18	5.79 19.03
	31-00	STD DEV	4.5	2.6	2.1	2.2	1.7	0.16	0.62	0.63	0.53	3.53
South Dakota	31-60	AVERAGE	19.0	43.6	70.7	47.6	45.2	0.47	1.85	2.59	1.04	17.84
W.		STD DEV	4.3	2.6	2.3	2.1	1.7	0.16	0.59	0.62	0.48	3.44
Maria de	41-70	AVERAGE	18.8	43.1	69.7	47.2	44.7	0.48	1.95	2.82	1.14	19.18
THE DIPLOT	= 4 00	STD DEV	3.2	2.4	1.8	2.1	1.3	0.19	0.58	0.56	0.45	2.98
NATION OF THE PARTY OF THE PART	51-80	AVERAGE	18.0	43.5	70.1	46.9	44.6	0.49	1.98	2.66	1.07	18.58
ATTY HILLY	61-90	STD DEV AVERAGE	3.9 18.4	2.3 44.5	1.6 70.3	2.1 46.7	1.4 45.0	0.19 0.46	0.54 2.09	0.55 2.62	0.48 1.20	3.15 19.11
Day 1	01 00	STD DEV	4.4	2.4	1.6	2.1	1.6	0.16	0.57	0.54	0.52	3.26
	71-00	AVERAGE	19.5	44.8	69.9	46.4	45.2	0.47	2.17	2.70	1.36	20.11
3999		STD DEV	5.3	2.7	1.9	2.1	1.8	0.15	0.63	0.66	0.60	3.63
TN-40	31-00	AVERAGE	39.4	57.5	75.9	58.9	57.9	4.84	4.85	4.13	3.56	52.12
Tennessee		STD DEV	3.1	1.8	1.5	1.8	1.2	1.45	1.14	0.82	1.09	7.19
	31-60	AVERAGE STD DEV	40.5	57.7	76.7	59.4	58.6	5.13	4.49	4.03	3.26	50.69
KATTON S	41-70	AVERAGE	3.1 39.2	1.9 57.7	1.4 75.9	1.8 58.9	1.0 57.9	1.53 4.90	0.83 4.65	0.81 4.01	1.09 3.36	7.16 50.79
HO-DOW	11 70	STD DEV	3.0	1.8	1.6	1.5	1.1	1.46	0.87	0.85	1.01	7.10
	51-80	AVERAGE	38.4	57.4	75.5	58.5	57.5	4.77	5.09	4.01	3.61	52.41
A TUTO		STD DEV	3.4	1.7	1.6	1.8	1.1	1.35	1.14	0.71	1.26	7.41
The Later	61-90	AVERAGE	37.8	57.3	75.2	58.6	57.3	4.47	5.05	4.13	3.91	52.98
8 0		STD DEV	2.8	1.6	1.3	1.9	0.9	1.35	1.35	0.80	1.06	7.42
4000	71-00	AVERAGE	39.1	57.3	75.6	58.6	57.6	4.72	5.15	4.22	3.98	54.18
4099	21 00	STD DEV	2.9	1.7	1.4	2.0	1.1	1.34	1.39	0.87	1.10	7.50
TX-41	21-00	AVERAGE STD DEV	48.0 2.1	64.9 1.6	81.4 1.3	65.7 1.7	65.0 0.9	1.74 0.67	0.70	2.55 0.66	2.50 0.80	27.86 4.99
Texas	31-60	AVERAGE	48.6	64.7	81.8	66.0	65.2	1.81	2.56	2.46	2.27	27.37
4		STD DEV	1.9	1.6	1.2	1.7	0.9	0.63	0.76	0.72	0.80	5.97
MITTER A	41-70	AVERAGE	47.9	64.7	81.5	65.8	65.0	1.68	2.53	2.42	2.40	26.97
17-1-146		STD DEV	2.0	1.7	1.2	1.3	0.9	0.60	0.80	0.75	0.72	5.88
MATTER	51-80	AVERAGE	47.5	64.8	81.3	65.4	64.8	1.49	2.40	2.45	2.56	26.72
THE PARTY	C1 00	STD DEV	2.4	1.8	1.5	1.8	1.0	0.53	0.77	0.76	0.79	5.06
- organization	61-90	AVERAGE STD DEV	47.0	65.0 1.7	80.9	65.5	64.6	1.58	2.41	2.61	2.69	27.78 3.89
-	71-00	AVERAGE	2.1 47.9	1.7 65.1	1.2 81.1	1.7 65.5	0.8 64.8	0.55 1.69	0.60 2.50	0.63 2.71	0.76 2.71	28.88
4199	00	STD DEV	2.3	1.5	1.4	1.7	1.0	0.73	0.65	0.56	0.85	4.12
UT-42	31-00	AVERAGE	27.7	46.9	69.1	49.2	48.2	0.98	1.06	0.87	0.99	11.68
Utah		STD DEV	3.5	2.1	1.4	1.6	1.2	0.34	0.35	0.33	0.41	2.40
··	31-60	AVERAGE	27.2	46.6	68.9	49.3	48.0	1.02	0.99	0.84	0.88	11.17
KT I	41	STD DEV	4.0	2.1	1.2	1.5	1.2	0.25	0.36	0.35	0.38	2.53
14-15m 18	41-70	AVERAGE	27.6	46.2	68.6	49.3	47.9	0.97	1.00	0.91	0.91	11.37
FOR THE STATE OF T	51_80	STD DEV AVERAGE	3.0 27.7	1.6 46.1	1.2 69.0	1.7 49.2	0.9 48.0	0.31 0.96	0.32 1.00	0.33 0.82	0.35	2.38 11.04
WITH THE	21-00	STD DEV	3.0	1.6	1.1	1.7	0.9	0.36	0.35	0.82	0.35	2.17
The Bally	61-90	AVERAGE	27.5	46.6	69.3	49.2	48.1	0.91	1.08	0.89	1.06	11.86
1		STD DEV	2.9	2.0	1.3	1.8	1.1	0.37	0.33	0.34	0.41	2.40
	71-00	AVERAGE	28.2	47.5	69.6	49.1	48.6	0.95	1.16	0.85	1.12	12.22
4299		STD DEV	3.3	2.2	1.6	1.6	1.3	0.38	0.34	0.32	0.44	2.39

Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Vermont – Wyoming

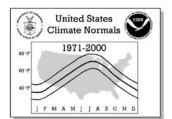
Vermont STD DEV 31-60 AVERAGE 19.2 41.2 65.5 46.7 43.1 1.2 41.2 65.5 46.7 43.1 1.2 41.2 65.5 46.7 43.1 1.2 41.2 65.5 46.7 43.1 1.2 41.2 65.5 46.7 43.1 1.2 41.2 65.5 46.7 43.1 1.2 41.2 65.5 46.7 43.1 1.2 41.2 65.5 46.7 43.1 1.2 41.2 65.5 46.7 43.1 1.2 41.2 65.5 46.7 43.0 41.2 65.5 46.5 43.0 41.2 65.5 46.5 43.0 41.2 65.5 46.5 43.0 41.2 65.5 46.5 43.0 41.2 65.5 46.5 43.0 41.2 65.5 46.5 43.0 41.2 65.5 46.5 43.0 41.2 65.5 46.5 43.0 41.2 65.5 46.5 43.0 41.2 65.5 46.5 43.0 41.2 41.2 65.5 46.5 43.0 41.2 41.2 65.5 46.5 43.0 41.2 41	2.66 3.20 0.60 0.79 2.59 3.12 0.53 0.74 2.52 3.02 0.55 0.69 2.73 3.11 0.72 0.68 2.64 3.20 0.70 0.84 2.85 3.40 0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.66 0.71 0.68 3.20 3.64 0.71 0.68 3.12 3.64 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68 1.10 0.60	3.92 0.66 3.74 0.54 3.68 0.49 3.75 0.57 3.98 0.61 4.21 0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.81 3.99 0.81 1.11 0.42 1.11 0.42 1.19 0.42	3.52 0.78 3.44 0.67 3.30 0.76 3.35 0.80 3.51 0.84 3.77 0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.59 1.07 3.50 1.03 3.55 1.03 3.55 1.03	39.92 5.09 38.60 3.81 37.55 4.15 38.75 4.82 40.13 5.95 42.73 5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
STID DEV 1.0 2.0 1.1 2.0 1.1 1.4 1.0	2.59 3.12 0.53 0.74 2.52 3.02 0.55 0.69 2.73 3.11 0.72 0.68 2.64 3.20 0.70 0.84 2.85 3.40 0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.66 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	3.74 0.54 3.68 0.49 3.75 0.57 3.98 0.61 4.21 0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	3.44 0.67 3.30 0.76 3.35 0.80 3.51 0.84 3.77 0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.58 1.11 3.58 1.11 3.58 1.11 3.58 1.11 3.58 1.11 3.58 1.11 3.58 1.05 3.51	38.60 3.81 37.55 4.15 38.75 4.82 40.13 5.95 42.73 5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
## STD DEV 3.7 2.2 1.4 1.4 1.2 ## 1-70 AVERAGE 18.7 41.3 65.2 46.9 43.0 ## 1-70 AVERAGE 18.9 41.4 65.2 46.5 43.0 ## 1-70 AVERAGE 18.9 41.4 65.2 46.5 43.0 ## 1-70 AVERAGE 18.9 41.4 65.2 46.5 43.0 ## 1-70 AVERAGE 18.4 41.5 65.1 46.2 42.8 ## 2-70 AVERAGE 19.4 41.5 65.1 46.2 42.8 ## 2-70 AVERAGE 2.7 2.2 1.3 1.6 1.2 ## 1-70 AVERAGE 36.9 54.3 73.4 56.8 55.3 ## 1-70 AVERAGE 36.9 54.3 73.4 56.8 55.3 ## 1-70 AVERAGE 37.7 54.4 73.8 57.1 55.7 ## 1-70 AVERAGE 37.7 54.4 73.8 57.1 55.7 ## 1-70 AVERAGE 37.7 54.4 73.8 57.1 55.7 ## 1-70 AVERAGE 36.6 54.5 73.3 36.9 55.3 ## 1-70 AVERAGE 36.1 54.3 73.1 56.6 55.0 ## 1-70 AVERAGE 36.1 54.3 73.1 56.6 55.0 ## 1-70 AVERAGE 36.1 54.3 73.1 56.6 55.0 ## 1-70 AVERAGE 36.8 54.1 73.2 56.5 55.1 ## 1-70 AVERAGE 32.6 47.3 63.6 48.6 48.0 ## 1-70 AVERAGE 32.6 47.3 63.6 48.6 48.0 ## 1-70 AVERAGE 32.0 47.1 63.2 48.6 47.6 ## 1-70 AVERAGE 32.0 47.1 63.2 48.6 47.6 ## 1-70 AVERAGE 32.4 46.5 63.2 48.6 47.6 ## 1-70 AVERAGE 32.4 46.5 63.2 48.6 47.6 ## 1-70 AVERAGE 32.4 46.5 63.2 48.6 47.6 ## 1-70 AVERAGE 32.8 50.9 70.4 53.5 51.9 ## 1-70 AVERAGE 33.8 51.0 71.0 53.8 52.4 ## 1-70 AVERAGE 32.8 50.9 70.4 53.5 51.9 ## 1-70 AVERAGE 33.8 51.0 71.0 53.8 52.4 ## 1-70 AVERAGE 33.8 50.9 70.0 53.3 51.5 ## 1-70 AVERAGE 33.8 50.9 70.2 53.3 51.5 ## 1-70 AVERAGE 33.8 50.9 70.0 53.3 51.5 ## 1-70 AVERAGE 33.8 50.9 70.2 53.3 5	0.53 0.74 2.52 3.02 0.55 0.69 2.73 3.11 0.72 0.68 2.64 3.20 0.70 0.84 2.85 3.40 0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.66 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.54 3.68 0.49 3.75 0.57 3.98 0.61 4.21 0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.20 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	0.67 3.30 0.76 3.35 0.80 3.51 0.84 3.77 0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	3.81 37.55 4.15 38.75 4.82 40.13 5.95 42.73 5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
## A1-70 AVERAGE 18.7	2.52 3.02 0.55 0.69 2.73 3.11 0.72 0.68 2.64 3.20 0.70 0.84 2.85 3.40 0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.66 0.56 0.61 3.20 3.46 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	3.68 0.49 3.75 0.57 3.98 0.61 4.21 0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	3.30 0.76 3.35 0.80 3.51 0.84 3.77 0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	37.55 4.15 38.75 4.82 40.13 5.95 42.73 5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
STD DEV 3.0 2.2 1.4 1.4 1.0 51-80 AVERAGE 18.9 41.4 65.2 46.5 43.0 51-80 AVERAGE 18.9 41.4 65.2 46.5 43.0 51-80 AVERAGE 18.4 41.5 65.1 46.2 42.8 51-80 DEV 2.2 2.0 1.2 1.8 0.9 71-00 AVERAGE 19.4 41.5 65.1 46.2 42.8 51-80 DEV 2.7 2.2 1.3 1.6 1.2 51-80 AVERAGE 2.7 2.2 1.3 1.6 1.2 51-80 AVERAGE 36.9 54.3 73.4 56.8 55.3 51-8 51-9 AVERAGE 36.6 54.5 73.3 56.9 55.3 51-9 STD DEV 2.7 51-80 AVERAGE 36.6 54.5 73.3 56.9 55.3 51-9 STD DEV 2.9 1.6 1.1 1.6 1.0 61-0 AVERAGE 36.6 54.5 73.3 56.9 55.3 51-9 STD DEV 2.9 1.6 1.1 1.6 1.0 61-0 AVERAGE 36.6 54.1 72.9 56.5 55.1 51-9 STD DEV 2.9 1.6 1.1 1.6 1.0 61-0 AVERAGE 36.6 54.1 72.9 56.5 55.1 51-9 STD DEV 2.9 1.6 1.1 1.6 1.0 61-0 AVERAGE 32.0 47.1 63.2 48.6 47.7 1.0 AVERAGE 32.0 47.1 63.2 48.6 47.7 51-80 AVERAGE 32.0 47.1 63.2 48.6 47.7 51-80 AVERAGE 32.0 47.1 63.2 48.6 47.7 51-80 AVERAGE 32.4 46.5 63.2 48.5 47.6 51-9 AVERAGE 32.8 47.0 63.7 48.4 48.3 41-70 AVERAGE 32.8 47.0 63.7 48.4 48.3 47.6 51-9 AVERAGE 32.8 47.0 63.7 48.4 48.3 47.6 51-9 AVERAGE 32.8 47.0 63.7 48.4 48.3 47.6 51-9 AVERAGE 32.8 51-9 70.4 53.5 51-9 51-9 AVERAGE 32.8 51-9 70.4 53.5 51-9 51-9 AVERAGE 32.8 51-9 70.0 53.8 52.4 51-9 AVERAGE 32.8 50.9 70.4 53.5 51-9 51-9 AVERAGE 32.8 50.9 70.0 53.3 51.5 51-9 51-9 51-9 AVERAGE 32.8 50.9 70.0 53.3 51.5 51-9 51-9 51-9 AVERAGE 32.8 50.9 70.0 53.3 51.5 51-9 51-9 51-9 AVERAGE 32.8 50.9 70.0 53.3 51.5 51-9 51-9 51-9 51-9 51-9 51-9 51-9 51-	0.55 0.69 2.73 3.11 0.72 0.68 2.64 3.20 0.70 0.84 2.85 3.40 0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.66 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.49 3.75 0.57 3.98 0.61 4.21 0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	0.76 3.35 0.80 3.51 0.84 3.77 0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	4.15 38.75 4.82 40.13 5.95 42.73 5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
STD DEV 2.8 2.0 1.3 1.7 1.1	2.73 3.11 0.72 0.68 2.64 3.20 0.70 0.84 2.85 3.40 0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.66 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.72 1.08 0.61 5.14 2.68	3.75 0.57 3.98 0.61 4.21 0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	3.35 0.80 3.51 0.84 3.77 0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	38.75 4.82 40.13 5.95 42.73 5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
STD DEV 2.8 2.0 1.3 1.7 1.1 1.1 1.4 1.5 1.5 1.7 1.2 1.5 1.7 1.2 1.5 1.7 1.2 1.5 1.7 1.1 1.2 1.5 1.7 1.1 1.2 1.5 1.7 1.1 1.6 1.2 1.5 1.7 1.2 1.5 1.5 1.7 1.2 1.5	0.72 0.68 2.64 3.20 0.70 0.84 2.85 3.40 0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.65 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.57 3.98 0.61 4.21 0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	0.80 3.51 0.84 3.77 0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	4.82 40.13 5.95 42.73 5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
STD DEV 2.2 2.0 1.2 1.8 0.9	0.70 0.84 2.85 3.40 0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.66 0.78 3.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.61 4.21 0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	0.84 3.77 0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	5.95 42.73 5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
VA-44	2.85 3.40 0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.66 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	4.21 0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	3.77 0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	42.73 5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
VA-44	0.64 0.86 3.19 3.69 0.80 0.75 3.13 3.66 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.74 4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	0.84 3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	5.19 43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
VA-44 Virginia 31-00 AVERAGE STD DEV	3.19 3.69 0.80 0.75 3.13 3.66 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	4.18 0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	3.30 1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	43.08 5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
Virginia STD DEV 31-60 AVERAGE 37.7 54.4 73.8 57.1 55.7 55.8 55.7 55.5 55.7	0.80 0.75 3.13 3.66 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.90 4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	1.09 3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	5.49 43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
Name	3.13 3.66 0.78 0.59 3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	4.46 0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	3.15 1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	43.13 4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
STD DEV	0.78	0.96 4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	1.05 3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	4.84 41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
41-70 AVERAGE STD DEV STD DEV AVERAGE STD DEV STD DEV AVERAGE STD DEV STD DEV AVERAGE AVERAG	3.04 3.46 0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	4.20 0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	3.13 0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	41.44 5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
STD DEV 2.7	0.56 0.61 3.20 3.64 0.71 0.68 3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.86 4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	0.89 3.36 1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	5.10 42.54 5.72 42.80 6.34 44.30 5.87 38.11 5.86
S1-80 AVERAGE S1D DEV 2.9 1.6 1.1 1.6 1.0 0 0 0 0 0 0 0 0 0	0.71	4.02 0.75 3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	1.11 3.49 1.07 3.58 1.19 3.50 1.03 3.55	5.72 42.80 6.34 44.30 5.87 38.11 5.86
61-90 AVERAGE STD DEV 71-00 AVERAGE STD DEV 71-00 AVERAGE STD DEV 71-00 AVERAGE STD DEV 2.7 1.6 1.2 1.7 1.0 (4499 WA-45 Washington 31-00 AVERAGE STD DEV 2.9 1.9 1.5 1.7 1.2 (35.6 4.6 47.3 63.6 48.6 48.0 48.0 47.7 5.1 (31-60 AVERAGE STD DEV 3.3 2.2 1.4 1.4 1.4 1.4 1.4 (41-70 AVERAGE STD DEV 3.3 2.2 1.4 1.4 1.4 1.4 (41-70 AVERAGE STD DEV 3.1 1.8 1.7 1.6 1.2 (51-80 AVERAGE STD DEV 3.1 1.8 1.7 1.6 1.2 (51-80 AVERAGE STD DEV 3.1 1.8 1.7 1.6 1.2 (51-80 AVERAGE STD DEV 3.1 1.8 1.7 1.6 1.2 (51-80 AVERAGE STD DEV 3.1 1.8 1.7 1.6 1.2 (51-80 AVERAGE STD DEV 3.1 1.8 1.7 1.6 1.2 (51-80 AVERAGE STD DEV 3.1 1.8 1.7 1.6 1.2 (51-80 AVERAGE STD DEV 3.1 1.8 1.7 1.6 1.2 (51-80 AVERAGE STD DEV 3.1 1.5 1.8 1.6 1.0 (51-90 AVERAGE STD DEV 3.1 1.5 1.8 1.6 1.0 (51-90 AVERAGE STD DEV 3.2 1.8 1.3 1.7 1.1 (51-80 AVERAGE STD DEV 3.2 1.8 1.3 1.7 1.1 (51-80 AVERAGE STD DEV 3.2 1.8 1.3 1.7 1.1 (51-80 AVERAGE STD DEV 3.2 1.8 1.3 1.7 1.1 (51-80 AVERAGE STD DEV 3.2 2.0 1.2 1.5 1.0 (51-90 AVERAGE STD DEV 3.1 1.8 1.2 1.5 1.0 (51-90 AVERAGE STD DEV 3.1 1.8 1.2 1.5 1.1 (51-80 AVERAGE STD DEV 3.1 1.8 1.2 1.5 1.1 (51-80 AVERAGE STD DEV 3.1 1.8 1.2 1.5 1.1 (51-80 AVERAGE STD DEV 3.1 1.8 1.2 1.5 1.1 (51-80 AVERAGE STD DEV 3.1 1.8 1.2 1.5 1.1 (51-80 AVERAGE STD DEV 3.1 1.8 1.2 1.5 1.1 (51-80 AVERAGE STD DEV 3.1 1.8 1.2 1.5 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.3 1.9 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.1 (51-80 AVERAGE STD DEV 3.0 1.8 1.1 (51-80 AVERAGE STD DEV	3.12 3.66 0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	3.97 0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	3.49 1.07 3.58 1.19 3.50 1.03 3.55	42.80 6.34 44.30 5.87 38.11 5.86
STD DEV 2.4 1.4 1.1 1.8 0.9 0.9 0.0	0.83 0.89 3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.81 3.99 0.83 1.21 0.41 1.18 0.42 1.19	1.07 3.58 1.19 3.50 1.03 3.55	6.34 44.30 5.87 38.11 5.86
MA-45	3.30 3.91 0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	3.99 0.83 1.21 0.41 1.18 0.42 1.19	3.58 1.19 3.50 1.03 3.55	44.30 5.87 38.11 5.86
MA-45 31-00 AVERAGE 32.6 47.3 63.6 48.6 48.0	0.90 0.89 5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.83 1.21 0.41 1.18 0.42 1.19	1.19 3.50 1.03 3.55	5.87 38.11 5.86
Washington 31-00 AVERAGE STD DEV 31-60 AVERAGE STD DEV 31-60 AVERAGE STD DEV 3.3 2.2 1.4 1.4 1.4 41-70 AVERAGE STD DEV 3.3 2.2 1.4 1.4 1.4 41-70 AVERAGE STD DEV 3.1 1.8 1.7 1.6 1.2 51-80 AVERAGE STD DEV 3.2.7 46.4 63.3 48.3 47.7 STD DEV 3.5TD DEV 3.2.8 47.0 63.7 48.4 48.0 STD DEV 3.5TD DEV 3.2.9 1.9 1.9 1.5 1.8 1.6 1.0 61-90 AVERAGE STD DEV 2.5 1.4 1.5 2.0 1.0 71-00 AVERAGE STD DEV 2.5 1.4 1.5 2.0 1.0 71-00 AVERAGE STD DEV 2.5 1.6 1.4 1.9 1.2 WV-46 West Virginia 4599 WV-46 31-00 AVERAGE STD DEV 3.2 1.8 1.3 1.7 1.1 STD DEV 31-60 AVERAGE STD DEV 32.2 1.8 1.3 1.7 1.1 STD DEV 31-60 AVERAGE STD DEV 32.2 1.8 1.3 1.7 1.1 STD DEV 31-60 AVERAGE STD DEV 32.2 1.8 1.3 1.7 1.1 STD DEV 31-60 AVERAGE STD DEV 32.2 1.8 1.3 1.7 1.1 STD DEV 31-60 AVERAGE STD DEV 32.2 1.8 1.3 1.7 1.1 STD DEV 31-60 AVERAGE STD DEV 32.2 1.8 1.3 1.7 1.1 STD DEV 31.4 1.5 1.0 STD DEV 32.2 2.0 1.2 1.5 1.0 STD DEV 31.4 1.5 1.0 STD DEV 32.5 1.1 70.3 53.5 51.9 STD DEV 33.1 1.8 1.2 1.5 1.0 STD DEV 31.4 1.5 1.0 STD DEV 32.5 1.1 1.1 1.7 1.1 1.7 STD DEV 33.1 1.8 1.2 1.5 1.1 STD DEV 33.1 1.8 1.2 1.5 1.1 STD DEV 30.1 1.8 1.2 1.5 1.1 STD DEV 30.1 1.8 1.3 1.9 1.1 STD DEV 30.1 1.8 1.3 1.9 1.1 STD DEV 30.1 1.8 1.3 1.9 1.1 STD DEV 31-60 AVERAGE STD DEV 30.1 1.8 1.3 1.9 1.1 STD DEV 31-60 AVERAGE STD DEV 30.1 1.8 1.3 1.9 1.1 STD DEV 31-60 AVERAGE STD DEV 30.1 1.8 1.3 1.9 1.1 STD DEV 31-60 AVERAGE STD DEV 30.1 1.8 1.3 1.9 1.1 STD DEV 31-60 AVERAGE STD DEV 30.1 1.8 1.3 1.9 1.1 STD DEV 31-60 AVERAGE STD DEV 30.1 1.8 1.3 1.9 1.1 STD DEV 31-60 AVERAGE STD DEV 30.1 1.8 67.7 46.5 43.4 STD DEV 31-60 AVERAGE STD DEV 30.6 67.0 46.6 43.1 STD DEV 30.9 1.1 1.6 2.0 1.2	5.23 2.78 1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	1.21 0.41 1.18 0.42 1.19	3.50 1.03 3.55	38.11 5.86
Washington	1.22 0.60 5.22 2.72 1.08 0.61 5.14 2.68	0.41 1.18 0.42 1.19	1.03 3.55	5.86
Washington 31-60 AVERAGE 32.0 47.1 63.2 48.6 47.7 41.70 AVERAGE STD DEV 3.3 2.2 1.4 1.5 1.6 1.2 1.5 1.8 1.6 1.2 1.5 1.8 1.6 1.0 1.2 1.5 1.8 1.6 1.0 1.	5.22 2.72 1.08 0.61 5.14 2.68	1.18 0.42 1.19	3.55	
STD DEV 3.3 2.2 1.4 1.4 1.4 1.4 41-70 AVERAGE 32.4 46.5 63.2 48.5 47.6 5TD DEV 3.1 1.8 1.7 1.6 1.2 51-80 AVERAGE 32.7 46.4 63.3 48.3 47.7 51-80 AVERAGE 32.8 47.0 63.7 48.4 48.0 5TD DEV 2.5 1.4 1.5 2.0 1.0 71-00 AVERAGE 33.0 47.7 63.8 48.5 48.3 48.5 48.3 5TD DEV 2.5 1.6 1.4 1.9 1.2 48.5	1.08 0.61 5.14 2.68	0.42 1.19		37.92
### ### ##############################	5.14 2.68	1.19	1.13	6.10
STD DEV 3.1 1.8 1.7 1.6 1.2 1.5 1.8 1.7 1.6 1.2 1.5 1.8 1.7 1.6 1.2 1.5 1.8 1.6 1.0			3.62	37.98
STD DEV STD			0.93	5.64
STD DEV	5.48 2.69	1.21	3.41	38.41
STD DEV 2.5	1.27 0.57	0.37	1.03	5.18
T1-00 AVERAGE 33.0 47.7 63.8 48.5 48.3 45.99	5.24 2.78	1.23	3.46	38.15
WV-46	1.33 0.55	0.41	0.93	5.38
WV-46 31-00 AVERAGE 32.8 50.9 70.4 53.5 51.9 51.9 West Virginia 31-60 AVERAGE 33.8 51.0 71.0 53.8 52.4 52.5 52.4 52.5 52.4 52.5 52.5 52.5 52.5	5.22 2.90	1.28	3.46	38.44
West Virginia STD DEV 3.2 1.8 1.3 1.7 1.1 0 0 0 0 0 0 0 0 0	1.44 0.62	0.38	1.06	6.20
31-60 AVERAGE 33.8 51.0 71.0 53.8 52.4 1.0 1	3.28 3.99 0.79 0.77	4.37 0.80	3.08 0.75	44.13 5.10
STD DEV	3.36 3.97	4.54	2.87	44.22
#1-70 AVERAGE 32.5 51.1 70.3 53.5 51.9 51.80 AVERAGE 31.8 50.9 70.0 53.3 51.5 51.	0.80 0.78	0.77	0.72	4.94
STD DEV 3.0 1.5 1.1 2.0 1.0 1.5 1.1 2.0 1.0 1.0 1.0 1.1 1.7 1.1 1.1 1.7 1.1 1.1 1.7 1.1 1.1	3.19 3.86	4.23	2.95	42.75
STD DEV	0.75 0.79	0.87	0.74	5.13
61-90 AVERAGE 31.4 50.9 69.9 53.4 51.4	3.26 3.93	4.26	3.07	43.52
STD DEV 3.0 1.5 1.1 2.0 1.0 0 0 0 0 0 0 0 0 0	0.81 0.77	0.85	0.74	4.95
71-00 AVERAGE 32.8 50.9 70.2 53.3 51.8 24699 STD DEV 3.0 1.8 1.3 1.9 1.1 0 WI-47 31-00 AVERAGE 17.1 42.3 67.1 46.2 43.2 STD DEV 3.6 2.4 1.7 2.1 1.5 0 31-60 AVERAGE 17.5 41.8 67.7 46.5 43.4 STD DEV 3.3 2.2 1.6 2.2 1.5 0 41-70 AVERAGE 16.8 42.0 67.0 46.6 43.1 STD DEV 2.9 2.1 1.6 2.0 1.2 0	3.07 3.90	4.21	3.36	43.79
MI-47 31-00 AVERAGE 17.1 42.3 67.1 46.2 43.2 1.5 Wisconsin 31-60 AVERAGE 17.5 41.8 67.7 46.5 43.4 1.7 2.1 1.5 (1.5 1.5	0.77 0.78	0.78	0.66	5.05
Wi-47 Wisconsin 31-00 AVERAGE STD DEV 3.6 2.4 1.7 2.1 1.5 0 31-60 AVERAGE STD DEV 3.3 2.2 1.6 2.2 1.5 0 41-70 AVERAGE STD DEV 2.9 2.1 1.6 2.0 1.2	3.33 4.06 0.82 0.75	4.37 0.80	3.31 0.80	45.16 5.21
Wisconsin STD DEV 3.6 2.4 1.7 2.1 1.5 0 31-60 AVERAGE 17.5 41.8 67.7 46.5 43.4 STD DEV 3.3 2.2 1.6 2.2 1.5 0 41-70 AVERAGE 16.8 42.0 67.0 46.6 43.1 STD DEV 2.9 2.1 1.6 2.0 1.2 0	1.16 2.66	3.96	2.71	31.46
31-60 AVERAGE 17.5 41.8 67.7 46.5 43.4 5 5TD DEV 3.3 2.2 1.6 2.2 1.5 0 41-70 AVERAGE 16.8 42.0 67.0 46.6 43.1 5TD DEV 2.9 2.1 1.6 2.0 1.2 0	0.36 0.62		0.90	4.27
STD DEV 3.3 2.2 1.6 2.2 1.5 (41-70 AVERAGE STD DEV 2.9 2.1 1.6 2.0 1.2 (6)	1.16 2.59	3.91	2.54	30.58
STD DEV 2.9 2.1 1.6 2.0 1.2 (0.35 0.62	0.73	0.93	4.35
	1.09 2.72	3.92	2.56	30.83
	0.38 0.52	0.60	0.90	4.21
	1.13 2.76	4.01	2.56	31.33
	0.42 0.63	0.77	0.88	4.54
	1.16 2.69	3.88	2.85	31.77
	0.41 0.62 1.18 2.73	0.79 4.12	0.88 2.84	4.50 32.63
	0.33 0.66	0.79	0.86	3.95
		1.32	0.92	12.80
	0.63 1.40		0.30	1.94
I WWOITIII I	0.63 1.40 0.16 0.34		0.87	12.71
		0.36	0.31	2.18
	0.16 0.34 0.67 1.42 0.14 0.36	1.37	0.89	12.83
	0.16 0.34 0.67 1.42 0.14 0.36 0.64 1.38		0.30	2.11
	0.16 0.34 0.67 1.42 0.14 0.36 0.64 1.38 0.14 0.32		0.82	12.25
And BILL	0.16 0.34 0.67 1.42 0.14 0.36 0.64 1.38 0.14 0.32 0.63 1.34	0.30	0.28	1.78
	0.16 0.34 0.67 1.42 0.14 0.36 0.64 1.38 0.14 0.32 0.63 1.34 0.14 0.34		0.93	12.68
	0.16 0.34 0.67 1.42 0.14 0.36 0.64 1.38 0.14 0.32 0.63 1.34 0.14 0.34 0.61 1.36	1.32	0.30	1.70
	0.16 0.34 0.67 1.42 0.14 0.36 0.64 1.38 0.14 0.32 0.63 1.34 0.14 0.34 0.61 1.36 0.15 0.30	1.32 0.31		12 02
3.5 2.1 1.7 2.0 1.3	0.16 0.34 0.67 1.42 0.14 0.36 0.64 1.38 0.14 0.32 0.63 1.34 0.14 0.34 0.61 1.36	1.32 0.31 1.31	0.97 0.29	12.92 1.88

Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Alaska – Hawaii – Territories – NCDC Regions Page 14

State/Region	Ele	ement	WIN-Temp	SPR-Temp	SUM-Temp	AUT-Temp	ANN-Temp	WIN-Prcp	SPR-Prcp	SUM-Prcp	AUT-Prcp	ANN-Prcp
AK-50	31-00	AVERAGE	2.3	24.3	51.7	27.3	26.4	1.54	1.15	2.29	2.43	22.22
Alaska		STD DEV	4.0	2.9	1.3	2.6	1.7	0.33	0.23	0.35	0.39	2.67
·	31-60	AVERAGE	2.0	24.2	51.3	28.0	26.4	1.50	1.12	2.28	2.43	22.00
- 3 C F		STD DEV	4.2	2.2	1.3	2.9	1.7	0.26	0.17	0.34	0.30	2.02
The state of the s	41-70	AVERAGE	2.0	23.9	51.3	27.5	26.2	1.49	1.19	2.38	2.36	22.29
· Committee	E1 00	STD DEV AVERAGE	4.4 1.1	2.8 23.4	1.2 51.4	2.5 27.2	1.7 25.7	0.25 1.46	0.19 1.16	0.36 2.33	0.29	1.99 21.94
and the same	31-80	STD DEV	3.9	3.2	1.3	2.6	1.8	0.24	0.20	0.39	0.30	1.89
7.5	61-90	AVERAGE	2.6	24.0	51.7	26.7	26.2	1.51	1.15	2.29	2.39	22.01
	4	STD DEV	4.4	3.4	1.4	2.1	1.7	0.29	0.19	0.37	0.35	1.91
	71-00	AVERAGE	2.6	24.7	52.3	26.7	26.6	1.61	1.15	2.26	2.49	22.50
5099		STD DEV	3.9	3.1	1.2	2.4	1.8	0.39	0.27	0.33	0.47	3.23
HI-51	61-00	AVERAGE	67.2	68.5	72.1	71.6	69.8	6.29	6.42	4.37	5.44	67.45
Hawaii		STD DEV	0.9	0.8	0.8	0.9	0.7	2.86	2.44	1.36	1.59	14.74
	61 00		6.5.0	60.6	E0 1	E1 6	60.0		c 0c	4 00	F 40	E0 22
1 ->	61−90	AVERAGE	67.3	68.6	72.1	71.6	69.9	6.66	6.96	4.29	5.48	70.33
	71-00	STD DEV AVERAGE	0.9 67.4	0.8 68.6	0.8 72.2	0.9 71.8	0.7 70.0	3.13 5.99	2.48 5.94	1.46 4.22	1.62 5.23	15.18 63.70
5199	, 1-00	STD DEV	0.8	0.8	0.7	0.8	0.7	2.72	2.33	1.38	1.50	13.60
PR-66	31-00	AVERAGE	73.5	75.5	78.8	77.7	76.4	3.48	5.17	6.34	7.92	68.71
Puerto Rico		STD DEV	0.8	0.9	0.5	0.6	0.6	1.05	1.57	1.37	1.66	10.13
. 30.10 . 100	31-60	AVERAGE	73.5	75.5	78.7	77.7	76.3	3.57	5.46	7.00	8.00	72.24
<u> </u>		STD DEV	0.7	0.9	0.5	0.5	0.6	1.16	1.48	1.18	1.19	8.05
- 47	41-70	AVERAGE	73.7	75.6	78.7	77.7	76.4	3.37	5.17	6.87	7.73	69.60
The Market	F1 00	STD DEV	0.8	0.9	0.5	0.5	0.6	1.01	1.47	1.13	1.46	9.22
Emmy count	51-80	AVERAGE STD DEV	73.4	75.5 0.9	78.6 0.5	77.6 0.6	76.3 0.6	3.25 0.99	4.94 1.50	6.44 1.43	7.73 1.69	67.11 10.75
	61-90	AVERAGE	73.5	75.5	78.7	77.6	76.3	3.30	5.13	5.97	7.86	66.59
	01 30	STD DEV	0.8	0.9	0.6	0.7	0.6	1.03	1.69	1.36	1.95	10.24
	71-00	AVERAGE	73.4	75.4	78.8	77.6	76.3	3.46	4.94	5.58	7.97	65.65
6699		STD DEV	0.8	0.7	0.6	0.7	0.6	0.95	1.61	1.32	1.95	10.51
VI-67	31-00	AVERAGE	77.0	78.6	81.9	80.7	79.5	2.65	2.84	3.49	5.51	43.19
Virgin Islands		STD DEV	0.7	0.7	0.6	0.7	0.5	0.94	1.49	1.25	1.87	10.66
_	31-60	AVERAGE STD DEV	76.9 0.7	78.6 0.7	81.8 0.7	80.7 0.6	79.5 0.5	2.52 1.00	2.82	3.84 1.30	5.53 1.59	44.38 10.44
	41-70	AVERAGE	77.2	78.7	81.8	80.8	79.6	2.54	1.46 2.75	3.65	5.10	42.30
5 4299	11 /0	STD DEV	0.7	0.7	0.7	0.7	0.5	1.03	1.28	0.97	1.48	8.65
The state of the s	51-80	AVERAGE	76.9	78.5	81.7	80.5	79.4	2.62	2.82	3.58	5.54	43.73
Emany Carry		STD DEV	0.7	0.7	0.6	0.7	0.5	1.05	1.42	1.21	2.23	11.07
1	61-90	AVERAGE	76.9	78.4	81.8	80.5	79.4	2.73	3.08	3.41	5.66	44.36
		STD DEV	0.7	0.7	0.5	0.8	0.5	0.99	1.63	1.18	2.22	10.39
6000	71-00	AVERAGE	76.9	78.6	82.0	80.6	79.5	2.70	2.80	3.10	5.73	42.24
6799	61 00	STD DEV AVERAGE	0.8 64.4	0.7 65.6	0.6 67.6	0.8 67.2	0.6 66.2	0.76 6.99	1.54 7.20	1.17 10.55	2.17	11.14 106.21
PI-91 Pacific Islands	61-00	STD DEV	1.0	0.7	0.8	0.6	0.6	1.57	1.87	1.33	1.10	13.19
Facilit Islanus	51.00											
the state of the sale	61-90	AVERAGE	64.1	65.4	67.3	67.0	66.0	6.92	7.20	10.73	10.74	
M. C. J	71-00	STD DEV AVERAGE	1.1 64.7	0.7 65.8	0.6 67.9	0.6 67.4	0.5 66.4	1.55 7.12	1.91 7.26	1.28 10.58	0.90 10.69	12.88 106.97
9199	71-00	STD DEV	0.5	0.7	0.7	0.5	0.5	1.50	1.97	1.34	1.15	12.75
NCDC Region-01	31-00	AVERAGE	24.6	44.5	67.5	49.4	46.5	2.98	3.51	3.81	3.55	41.56
Northeast		STD DEV	2.8	1.8	1.2	1.5	1.0	0.61	0.68	0.53	0.64	4.27
	31-60	AVERAGE	25.0	44.6	67.8	49.8	46.8	2.95	3.53	3.79	3.45	41.15
4	41 50	STD DEV	3.1	1.8	1.2	1.4	1.0	0.57	0.64	0.46	0.57	3.40
Tag &	41-70	AVERAGE	24.3	44.5 1.8	67.4	49.9	46.5	2.89	3.40	3.66 0.51	3.40 0.57	40.05 3.94
1	51_00	STD DEV AVERAGE	2.6 24.1	$\frac{1.8}{44.4}$	1.2 67.2	1.3 49.4	1.0 46.3	0.54 3.10	0.65 3.44	0.51 3.74	3.53	41.35
	51 00	STD DEV	2.6	1.7	1.1	1.6	1.0	0.71	0.60	0.58	0.64	4.56
THE TO	61-90	AVERAGE	23.6	44.4	67.0	49.1	46.1	2.95	3.45	3.84	3.61	41.64
1 mans		STD DEV	2.1	1.7	0.9	1.7	0.8	0.70	0.76	0.56	0.66	5.00
, , , , , , , , , , , , , , , , , , ,	71-00	AVERAGE	24.7	44.7	67.3	48.9	46.4	3.09	3.62	3.96	3.73	43.24
5601		STD DEV	2.6	1.9	1.2	1.5	1.1	0.69	0.73	0.54	0.71	4.50

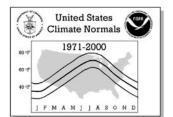


Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

NCDC Regions

State-Recion Element Wilt-from SWR-from SUM-from Wilt-from Wilt-fr												
East North Central 3-6-00 AVERAGE 3-7 OTTO ERV 3-7 OTTO ERV 3-8 42.3 6.1.5 47.0 47.9 9.1.1 1.4 0.28 0.59 0.59 0.70 3.40 3-8 MID DRV 3-8 42.3 6.1.7 5.1.1 1.4 0.28 0.55 0.50 0.60 0.69 3.18 3-1-00 AVERAGE 3-1-00 AVERA	State/Region	Element						WIN-Prcp	SPR-Prcp	SUM-Prcp		ANN-Prcp
31-60 AVBRAGE 31												
STID BIN 3.2 2.2 1.6 2.1 1.4 0.28 0.56 0.60 0.60 0.65 3.18	East North Central	·-										
## 41-70 AVERAGE ## 21-70 AVE												
SHO DBW 2.66 42.1 1.5 1.9 1.1 0.32 0.45 0.44 0.73 3.15 STD DBW 3.1 2.38 22.86 0.47 0.47 0.48 0.77 0.48 0.48 0.48 0.48 0.48 0.48 0.48 0.48	2											
\$1.00 AVERAGE \$1	1 Ting of											
STUD BUY 3.1. 2.1 1.3 2.1 1.1 0.32 0.49 0.51 0.73 3.63 9 STUD BUY 3.4. 2.5 1.4 1.7 1.3 0.32 0.49 0.51 0.73 3.63 9 STUD BUY 3.4. 2.5 1.4 1.7 1.3 0.32 0.49 0.51 0.73 3.63 9 STUD BUY 3.4. 2.5 1.4 1.7 1.3 0.32 0.47 0.53 0.74 2.65 3.67 7 TI-00 AVERAGE 1.6 43.5 7.7 4.6 5.3 4.8 1.8 1.2 0.47 0.53 0.72 3.65 1.6 1.6 1.2 0.1 0.1 1.2 0.1 1.2 0.1 0.1 0.1 1.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	The state of the s											
STID DEV 1.0 AVERAGE 15.4 43.3 67.7 46.6 43.5 1.16 2.61 3.74 2.58 30.49 71.00 AVERAGE 17.6 43.7 67.7 46.3 43.8 1.18 2.64 3.92 2.65 30.73 3.65 0.77 3.65 30.79 3.75 30.7												
STD PEV 3.4.** 2.5.** 1.4.** 1.7.** 1.3.** 0.32** 0.47** 0.53** 0.73** 3.67** 1.50** 0.73** 3.67** 1.50** 0.73** 3.67** 1.50** 0.73** 3.67** 1.50** 0.73** 3.67** 1.50** 0.73** 3.67** 1.50** 0.73** 3.67** 1.50** 0.73** 3.67** 1.50** 0.73** 3.67** 1.50** 0.73** 3.67** 1.50** 0.73** 0.73** 3.67** 1.50** 0.73** 0.	2											
TO DO AVERAGE STO DEV STORE ST	James of											
SEQ STID BEV 4.1.1 2.8 1.7 2.0 1.6 0.26 0.54 0.59 0.55 3.8 2.7 3.9 5.5.6 53.8 2.95 4.05 3.97 3.19 42.49 Central 31-00 AVERAGE 3.1.6 51.9 1.5 1.8 1.2 0.77 0.81 0.65 0.75 4.7.2 31-00 AVERAGE 3.1.6 52.9 7.1.6 51.8 1.8 1.2 0.77 0.81 0.65 0.77 0.76 4.7.2 31-00 AVERAGE 3.1.6 52.9 7.1.6 1.8 1.8 1.2 0.77 0.81 0.65 0.79 0.71 4.70 31-00 AVERAGE 3.1.6 52.9 7.1.6 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	V y											
NCDC Region-03 Central STD DEV 3.1 1.9 1.5 1.8 1.2 2.9 1.9 4.05 3.97 3.19 42.49 STD DEV 3.1 1.9 1.5 1.8 1.2 2.0 7.7 0.81 0.55 0.76 4.72 STD DEV 3.1 1.9 1.5 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.6 1.8 1.2 2.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	5602											
Central												
S1-60 AVERAGE 33.6 52.9 74.6 56.0 54.3 3.04 3.92 3.93 2.97 41.56 1.8 1.2 1.2 1		STD DEV	3.1			1.8		0.77	0.81	0.65		4.72
STD DBV STD	Contrai	31-60 AVERAGE	33.6	52.9	74.6	56.0	54.3	3.04	3.92	3.93	2.97	41.56
SYD_DEV 2,6 1,8 1,4 1,5 1,1 0,82 0,71 0,61 0,71 4,70		STD DEV	2.9	1.9	1.6	1.8	1.2	0.89	0.85	0.70	0.73	4.75
STD DBV 3.2 1.8 1.9 1.1 0.68 0.77 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.77 5.09 0.58 0.75 0	1 Trans	41-70 AVERAGE	32.5	53.0	73.8	55.6	53.7	2.90	4.02	3.93	3.02	41.64
SITU DEV 3.2 1.8 1.3 1.9 1.1 0.68 0.70 0.78 0.77 5.09 5.09 5.100 AVERAGE 5.10 DEV 3.0 1.8 1.2 1.8 1.0 0.72 0.92 0.92 0.98 0.75 4.94 7.95 0.00 AVERAGE 5.1 0.0	1 1300											
STD DEV 2-9 1-10	1 Hora											
NETD DEV 3.0 1.8 1.2 1.8 1.0 0.72 0.82 0.58 0.75 4.94												
T1-00 AVERAGE 32.3 53.1 73.6 55.2 53.5 2.98 4.16 4.06 3.43 43.91	man of											
SEO3 MCDC Region-04 Southeast 1-00 AVERAGE 47.3 62.3 77.9 64.1 62.9 3.90. 0.64 0.82 0.67 0.77 4.68 NOTOR Region-04 Southeast 1-00 AVERAGE 47.3 62.3 77.9 64.1 62.9 3.90 0.80 0.77 0.93 5.27 STORY STORY 1-00 AVERAGE 47.1 62.5 77.9 64.0 62.9 3.00 0.80 0.80 0.77 0.93 5.27 STORY 1-00 AVERAGE 47.1 62.5 77.9 64.0 62.9 3.76 0.86 0.64 0.70 1.08 5.55 STORY STORY 1-00 AVERAGE 47.1 62.5 77.9 64.0 62.9 3.76 0.80 0.80 0.77 0.93 5.27 STODEV 2.9 1.5 1.0 1.2 0.9 0.65 0.70 0.67 0.95 5.45 STODEV 3.0 1.4 1.1 1.4 0.9 0.69 0.77 0.67 0.89 5.41 STODEV 2.5 1.2 1.0 1.6 0.9 0.80 0.77 0.67 0.89 5.41 STODEV 2.4 1.4 1.1 1.4 0.9 0.69 0.77 0.67 0.89 5.41 STODEV 2.4 1.4 1.1 1.6 0.9 0.97 0.99 0.87 0.83 5.08 MCDC Region-05 West North Central STODEV 3.0 AVERAGE 19.9 42.4 66.7 62.8 62.8 4.08 0.9 0.97 0.99 0.87 0.83 5.08 STODEV 3.1 1.8 1.4 0.1 1.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4 3											
SUTD DEV 2.9 1.5 1.0 1.5 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	E603											I .
Southeast 31-60 AVERAGE 48.2 6.2 5. 78.4 6.45.5 63.4 3.60.8 0.60 0.777 0.93 5.27 41-70 AVERAGE 48.2 6.2.5 78.4 6.45.5 63.4 4 3.6 0.66 0.64 0.70 1.08 5.55 51-80 AVERAGE 47.1 6.2.5 77.9 64.0 62.9 3.7 6.50 51-80 AVERAGE 47.1 6.2.5 77.9 64.0 62.9 3.7 6.50 51-80 AVERAGE 46.5 6.2.2 77.6 63.8 62.5 39.4 4.27 6.15 3.60 50.79 51-80 AVERAGE 46.5 6.2.2 77.6 63.8 62.5 39.4 4.27 6.15 3.60 50.79 51-80 AVERAGE 46.1 6.2.0 77.5 63.9 62.4 4.0.2 4.27 6.15 3.60 50.79 51-80 AVERAGE 47.2 6.2.1 77.8 64.0 6.9 6.2.4 4.0.2 4.16 5.21 3.60 50.79 500 AVERAGE 47.2 6.2.1 77.8 64.0 6.9 6.2.4 4.0.2 4.16 5.21 3.60 51.03 500 AVERAGE 47.2 6.2.1 77.8 64.0 6.9 6.2.4 4.0.2 4.16 5.21 3.60 51.03 500 AVERAGE 51-80 AVERAGE 51												
31-60 AVERAGE STD DEV 3.1 1.7 0.8 1.3 0.8 0.8 0.68 4.10 5.40 3.49 49.96 5 5.55 STD DEV 3.1 1.7 0.8 1.2 0.8 0.8 0.68 0.64 0.70 1.08 5.55 STD DEV 3.1 1.7 0.8 1.2 0.9 0.65 0.64 0.64 0.70 1.08 5.55 STD DEV 4.1 62.5 97.9 64.0 62.9 3.76 4.10 5.37 3.57 50.36 STD DEV 5.45 STD DEV 5.9 1.5 1.0 1.2 0.9 0.65 0.70 0.67 0.95 5.45 STD DEV 5.9 1.5 1.0 1.2 0.9 0.65 0.70 0.67 0.95 5.45 STD DEV 5.65 STD DEV 5.9 1.5 1.0 1.2 0.9 0.65 0.70 0.67 0.89 5.45 STD DEV 5.9 1.4 1.1 1.4 1.4 0.9 0.69 0.69 0.77 0.67 0.89 5.41 STD DEV 5.5												
STD DEV 1-70 AVERAGE 47-1 66.5 47-79 64.0 62.9 3.76 4.10 5.27 3.57 50.36 6.55 5.55 5.55 5.55 5.55 5.55 5.55 5	Southeast											
## A 1-70 AVERAGE 47.1 62.5 77.9 64.0 62.9 3.76 4.10 5.37 3.57 50.36	Service Control of the Control of th											
STD DEV 2.9 1.5 1.0 1.2 0.9 0.65 0.70 0.67 0.95 5.45 STD DEV 3.0 1.1 1.1 1.4 0.9 0.69 0.77 0.67 0.95 5.45 STD DEV 3.0 1.4 1.1 1.4 0.9 0.69 0.77 0.67 0.89 5.41 STD DEV 3.0 1.4 1.1 1.4 0.9 0.69 0.77 0.67 0.89 5.41 STD DEV 3.0 STD DEV 3.4 1.6 0.9 0.88 0.93 0.75 0.80 5.13 STD DEV 3.5 STD DEV 3.4 1.1 1.6 0.9 0.88 0.93 0.75 0.80 5.13 STD DEV 3.4 1.1 1.6 0.9 0.88 0.93 0.75 0.80 5.13 STD DEV 3.4 1.1 1.6 0.9 0.88 0.93 0.75 0.80 5.13 STD DEV 3.4 1.1 1.6 0.9 0.88 0.93 0.75 0.80 5.13 STD DEV 3.4 1.1 1.6 0.9 0.89 0.97 0.99 0.87 0.83 5.08 STD DEV 3.4 1.1 1.6 0.9 0.89 0.97 0.99 0.87 0.83 5.08 STD DEV 3.4 1.1 1.6 0.9 0.89 0.97 0.99 0.87 0.83 5.08 STD DEV 3.4 1.1 1.6 0.9 0.97 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.87 0.99 0.87 0.83 5.08 STD DEV 3.6 0.9 0.99 0.99 0.89 0.89 0.89 5.13 5.88 0.99 0.99 0.89 0.89 0.89 0.99 0.89 0.8	The same of	·=										
STD DEV 3.0 1.4 1.1 1.4 0.9 0.9 0.69 0.77 0.67 0.89 5.41 61-90 AVERAGE 46.1 62.0 77.5 63.9 62.4 4.03 4.16 5.21 3.60 51.03 71-00 AVERAGE 47.2 62.1 77.8 64.0 62.8 4.08 4.19 5.13 3.60 51.03 71-00 AVERAGE 47.2 62.1 77.8 64.0 62.8 4.08 4.19 5.13 3.65 51.73 STD DEV 2.4 1.4 1.1 1.6 0.9 0.97 0.99 0.87 0.83 5.08 NCDC Region-05 STD DEV 3.8 2.2 1.6 2.0 1.4 0.60 1.67 2.19 1.11 16.74 Vest North Central STD DEV 3.8 2.2 1.6 2.0 1.4 0.60 1.57 2.19 1.11 16.74 4.17 0.70 AVERAGE 19.6 41.9 66.9 45.2 43.4 0.61 1.58 2.14 1.02 16.04 1.70 AVERAGE 19.6 41.4 66.2 45.0 43.0 0.61 1.58 2.14 1.02 16.04 1.70 AVERAGE 19.2 41.7 66.5 44.8 43.0 0.61 1.63 2.31 1.08 16.91 STD DEV 3.8 2.2 1.3 2.1 1.0 1.3 0.33 0.33 0.38 0.35 1.86 1.97 T1-00 AVERAGE 19.2 41.7 66.5 44.8 43.0 0.63 1.67 2.18 1.05 16.58 STD DEV 3.8 2.2 1.3 2.1 1.4 0.13 0.28 0.36 0.36 0.34 1.97 T1-00 AVERAGE 20.3 43.3 66.6 44.4 43.6 0.59 1.78 2.20 1.2 17.35 STD DEV 3.4 3.7 4.3 2.3 1.5 2.1 1.6 0.12 0.31 0.48 0.37 2.18 1.05 16.58 STD DEV 3.4 3.3 3.6 6.6 44.4 43.6 0.59 1.78 2.20 1.2 2.7 3.5 STD DEV 3.4 3.3 3.6 6.6 44.4 43.6 0.59 1.78 2.20 1.2 2.7 3.5 STD DEV 3.4 3.3 3.6 6.6 44.4 43.6 0.59 1.78 2.20 1.2 2.7 3.5 STD DEV 3.4 3.3 3.6 6.6 44.4 43.6 0.59 1.78 2.20 1.2 2.7 3.5 STD DEV 3.4 3.3 3.6 6.8 44.4 43.6 0.59 1.78 2.20 1.2 2.7 3.5 STD DEV 3.4 3.7 66.7 44.6 43.3 0.60 1.74 2.15 1.15 16.92 STD DEV 3.4 3.7 6.6 3.1 6.6 1.0 0.64 0.71 0.65 0.75 4.76 3.5 STD DEV 2.3 1.6 1.3 1.6 1.0 0.64 0.71 0.65 0.75 4.76 3.5 STD DEV 2.3 1.6 1.3 1.6 1.0 0.64 0.71 0.65 0.75 5.37 4.76 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1 1000	STD DEV	2.9	1.5	1.0	1.2	0.9	0.65	0.70	0.67	0.95	5.45
61-90 AVERAGE STD DEV 71-50 63.9 62.4 4.03 4.16 5.21 3.60 51.03 5.04 71-00 AVERAGE 47.2 62.1 77.8 64.0 62.8 4.08 4.19 5.13 3.60 51.03 5.08 NCDC Region-05 West North Central STD DEV 2.4 1.4 1.1 1.6 0.9 0.97 0.99 0.87 0.83 5.08 51.73 31-00 AVERAGE 19.9 42.4 66.7 44.8 43.4 0.60 1.67 2.19 1.11 16.74 31-60 AVERAGE 19.6 41.9 66.9 45.2 43.4 0.61 1.58 2.14 1.02 16.04 51.00 51.0	The state of the s	51-80 AVERAGE	46.5	62.2	77.6	63.8	62.5	3.94	4.27	5.15	3.60	50.79
STD DEV 2.5 1.2 1.0 1.6 0.9 0.88 0.93 0.75 0.80 5.13 5.604 1.700 AVERAGE 47.2 62.1 77.8 64.0 62.8 4.08 4.19 5.13 3.85 51.73 5.604 MCDC Region-05 31-00 AVERAGE 19.9 42.4 66.7 44.8 43.4 0.60 1.67 2.19 1.11 16.74 4.02 1.02 1.03 5.08 4.08 4.19 5.13 3.85 5.08 MCDC Region-05 31-00 AVERAGE 19.6 41.9 66.9 45.2 43.4 0.12 0.35 0.44 0.36 2.21 4.12 6.15 6		STD DEV	3.0		1.1	1.4	0.9	0.69	0.77	0.67	0.89	5.41
NCDC Region-05 STD DEV 2.4	The same of the sa											
NCDC Region-05 West North Central 1-00 AVERAGE 19-9 42-4 66-7 44-8 43-4 0.60 1.67 2.19 1.11 16-74	La A											
NCDC Region-05 STD DEV 3.8 2.2 1.6 2.0 1.4 0.12 0.35 0.44 0.36 2.21 0.13 0.48 0.61 0.60 1.67 2.19 1.11 16.74 0.13 0.48 0.61 0.60												
West North Central STD DEV 3.8 2.2 1.6 2.0 1.4 0.12 0.35 0.44 0.36 2.21 1.9 6.4 1.9 66.9 45.2 43.4 0.61 1.58 2.14 1.02 16.04 STD DEV 3.7 2.1 1.7 1.8 1.4 0.11 0.36 0.41 0.36 2.27 41-70 AVERAGE 19.6 41.4 66.2 45.0 43.0 0.61 1.63 2.31 1.08 16.91 1.65 1												
31-60 AVERAGE 39.6 41.9 66.9 45.2 43.4 0.61 1.58 2.14 1.02 16.04 41-70 AVERAGE 19.6 41.4 66.2 45.0 43.0 0.61 1.63 2.31 1.08 16.91 STD DEV 3.1 1.8 1.4 2.0 1.1 0.13 0.36 0.41 0.36 2.27 STD DEV 3.1 1.8 1.4 2.0 1.1 0.13 0.31 0.38 0.35 1.86 STD DEV 3.4 1.7 1.2 2.0 1.2 0.13 0.31 0.36 0.34 1.94 61-90 AVERAGE 19.5 42.7 66.7 44.6 43.3 0.60 1.74 2.15 1.15 16.92 STD DEV 3.8 2.2 1.3 2.1 1.4 0.13 0.28 0.36 0.36 1.97 71-00 AVERAGE 20.3 43.3 66.6 44.4 43.6 0.59 1.78 2.20 1.22 17.35 STD DEV 3.3 2.3 1.5 2.1 1.4 0.13 0.28 0.36 0.36 1.97 STD DEV 3.3 2.3 1.5 2.1 1.6 0.12 0.31 0.48 0.37 2.18 NCDC Region-06 31-00 AVERAGE 44.9 61.9 80.6 63.7 62.8 2.42 3.36 3.22 2.86 35.57 STD DEV 2.0 1.6 1.3 1.6 1.0 0.64 0.71 0.65 0.75 0.75 5.37 41-70 AVERAGE 44.2 62.0 80.1 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.2 62.0 80.1 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.2 62.0 80.1 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.2 62.0 80.1 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.2 62.0 80.1 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.2 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.85 34.44 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.30 3.30 3.14 37.04 41-70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 2.25 0.27 0.38 2.24 41-70 AVERAGE 33.6 50.5 71.2 53.1 52.1 0.89 0.97 70.47 0.97 12.90 41-70 AVERAGE 33.5 50.3 71.2 53.3 52.1 0.89 0.91 1.49 1.01 12.72 41-70 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.88 0.99 1.55 0.25 0.36 2.59 41-70 AVERAGE 33.3												
STD DEV 3.7 2.1 1.7 1.8 1.4 0.11 0.36 0.41 0.36 2.27	West North Central											
11-70 AVERAGE												I .
STD DEV 3.1 1.8 1.4 2.0 1.1 0.13 0.31 0.38 0.35 1.86	The contract of											
51-80 AVERAGE STD DEV 3.4 1.7 66.5 44.8 43.0 0.63 1.67 2.18 1.05 16.58 STD DEV 3.4 1.7 1.2 2.0 1.2 0.13 0.31 0.36 0.34 1.94 1.95 42.7 66.7 44.6 43.3 0.60 1.74 2.15 1.15 16.92 STD DEV 3.8 2.2 1.3 2.1 1.4 0.13 0.28 0.36 0.36 1.97 71-00 AVERAGE 20.3 43.3 66.6 44.4 43.6 0.59 1.78 2.20 1.22 17.35 STD DEV 4.3 2.3 1.5 2.1 1.6 0.12 0.31 0.48 0.37 2.18 NCDC Region-06 31-00 AVERAGE 44.2 62.0 80.1 63.4 62.5 2.42 3.36 3.22 2.86 35.57 STD DEV 2.3 1.6 1.3 1.6 1.0 0.64 0.71 0.65 0.75 4.76 South 31-60 AVERAGE 44.9 61.9 80.6 63.7 66.8 2.46 3.35 3.17 2.60 34.78 STD DEV 2.0 1.6 1.3 1.6 1.0 0.64 0.71 0.65 0.75 4.76 1.0 0.64 0.71 0.65 0.75 4.76 1.0 0.64 0.71 0.65 0.75 4.76 1.0 0.64 0.71 0.65 0.75 4.76 1.0 0.64 0.70 0.65 0.75 0.75 5.37 1.0 0.70 AVERAGE 43.7 62.0 80.1 63.1 62.2 2.19 3.32 3.13 2.85 34.44 1.70 AVERAGE 43.7 62.0 80.1 63.1 62.2 2.19 3.32 3.13 2.85 34.44 1.70 AVERAGE 43.7 62.0 80.1 63.1 62.2 2.19 3.32 3.13 2.2 3.06 35.71 5.56 1.70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 3.28 3.13 3.29 3.06 35.71 5.56 1.2 1.0 0.64 0.71 0.70 AVERAGE 44.0 62.2 79.8 63.1 62.2 2.19 3.32 3.13 3.28 3.13 3.29 3.06 35.71 5.50 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.	1 2 m											I .
STD DEV 31-60 AVERAGE 19.5 42.7 66.7 44.6 43.3 0.60 1.74 2.15 1.15 16.92 1.00 1	1 Tolly											
STD DEV 71-00 AVERAGE 20.3 43.3 66.6 44.4 43.6 0.59 1.78 2.20 1.22 17.35 5605 STD DEV 4.3 2.3 1.5 2.1 1.6 0.12 0.31 0.48 0.37 2.18 NCDC Region-06 SOUTH 4.2 62.0 80.1 63.4 62.5 2.42 3.36 3.22 2.86 35.57 STD DEV 2.3 1.6 1.3 1.6 1.0 0.64 0.71 0.65 0.75 4.76 STD DEV 2.0 1.6 1.3 1.6 1.0 0.62 0.75 0.75 0.75 5.37 41-70 AVERAGE 44.2 61.9 80.2 63.4 62.4 2.33 3.36 3.19 2.71 34.69 STD DEV 2.0 1.6 1.3 1.4 0.9 0.56 0.73 0.73 0.71 5.56 STD DEV 2.5 1.6 1.5 1.7 1.0 0.48 0.81 0.66 0.77 5.46 STD DEV 2.1 1.6 1.2 1.6 0.8 0.61 0.67 0.56 0.77 5.46 STD DEV 2.1 1.6 1.2 1.6 0.8 0.61 0.67 0.56 0.77 3.85 NCDC Region-07 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 NCDC Region-07 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 NCDC Region-07 STD DEV 2.0 1.3 1.0 1.4 1.0 0.32 0.32 0.27 0.38 2.24 41-70 AVERAGE 33.5 50.3 71.2 53.3 52.1 0.88 0.98 1.54 1.08 13.44 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 NCDC Region-07 STD DEV 2.0 1.3 1.0 1.4 0.8 0.99 0.97 1.47 0.97 12.90 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 STD DEV 2.0 1.5 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.80 0.91 1.49 1.01 1.27 STD DEV 2.0 1.5 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.0 1.5 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.0 1.5 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.0 1.5 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18		STD DEV	3.4	1.7	1.2	2.0	1.2	0.13	0.31	0.36	0.34	1.94
71-00 AVERAGE STD DEV 4.3 2.3 1.5 2.1 1.6 0.12 0.31 0.48 0.37 2.18 1.5	T	61-90 AVERAGE	19.5	42.7	66.7	44.6	43.3	0.60	1.74	2.15	1.15	16.92
STD DEV	Lucy	STD DEV	3.8	2.2	1.3	2.1	1.4	0.13		0.36	0.36	1.97
NCDC Region-06 South 31-00 AVERAGE STD DEV 2.3 1.6 1.3 1.6 1.0 0.64 0.71 0.65 0.75 4.76 South 31-60 AVERAGE 44.9 61.9 80.6 63.7 62.8 2.46 3.35 3.17 2.60 34.78 STD DEV 2.0 1.6 1.3 1.6 1.0 0.62 0.75 0.75 0.75 0.75 5.37 41-70 AVERAGE 44.2 61.9 80.2 63.4 62.4 2.33 3.36 3.19 2.71 34.69 STD DEV 1.9 1.6 1.3 1.4 0.9 0.56 0.73 0.73 0.71 5.56 STD DEV 2.5 1.6 1.5 1.7 1.0 0.48 0.81 0.66 0.77 5.46 STD DEV 2.1 1.6 1.2 1.6 0.8 0.61 0.67 0.56 0.77 5.46 STD DEV 2.1 1.6 1.2 1.6 0.8 0.61 0.67 0.56 0.71 4.27 71-00 AVERAGE 44.0 62.2 79.8 63.1 62.3 2.42 3.48 3.30 3.14 37.04 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 NCDC Region-07 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 NCDC Region-07 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 NCDC Region-07 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 STD DEV 31-60 AVERAGE 33.5 50.3 71.2 53.3 52.1 0.89 0.97 1.47 0.97 12.90 41-70 AVERAGE 33.5 50.3 71.2 53.3 52.1 0.89 0.97 1.47 0.97 12.90 51-80 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.83 0.91 1.49 1.01 1.272 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 STD DEV 2.0 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 51-80 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18		71-00 AVERAGE	20.3	43.3	66.6	44.4	43.6	0.59	1.78	2.20	1.22	17.35
South Stide												
31-60 AVERAGE STD DEV 2.0 1.6 1.3 1.6 1.0 0.62 0.75 0.75 0.75 5.37 41-70 AVERAGE STD DEV 2.0 1.6 1.3 1.4 0.9 0.56 0.73 0.73 0.71 5.56 51-80 AVERAGE 44.2 61.9 80.2 63.4 62.4 2.33 3.36 3.19 2.71 34.69 51-80 AVERAGE 43.7 62.0 80.1 63.1 62.2 2.19 3.32 3.13 2.85 34.44 51-80 AVERAGE 51-80 AVERAGE 43.1 62.2 79.7 63.2 62.1 2.31 3.33 3.22 3.06 35.71 51-80 AVERAGE 44.0 62.2 79.7 63.2 62.1 2.31 3.33 3.22 3.06 35.71 51-80 AVERAGE												
STD DEV 41-70 AVERAGE STD DEV 1.9 1.6 1.3 1.6 1.0 0.62 0.75 0.75 0.75 5.37 41-70 AVERAGE 44.2 61.9 80.2 63.4 62.4 2.33 3.36 3.19 2.71 34.69 STD DEV 1.9 1.6 1.3 1.4 0.9 0.56 0.73 0.73 0.71 5.56 0.75 5.37 4.49 0.50 0.56 0.73 0.73 0.71 5.56 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	South											
41-70 AVERAGE STD DEV 1.9 1.6 1.3 1.4 0.9 0.56 0.73 0.73 0.71 5.56 1.80 AVERAGE STD DEV 2.5 1.6 1.5 1.7 1.0 0.48 0.81 0.66 0.77 5.46 0.71 0.71 0.71 0.71 0.71 0.71 0.71 0.71												
STD DEV	p											
51-80 AVERAGE STD DEV 2.5 1.6 1.5 1.7 1.0 0.48 0.81 0.66 0.77 5.46 61-90 AVERAGE 43.1 62.2 79.7 63.2 62.1 2.31 3.33 3.22 3.06 35.71 STD DEV 2.1 1.6 1.2 1.6 0.8 0.61 0.67 0.56 0.71 4.27 71-00 AVERAGE 44.0 62.2 79.8 63.1 62.3 2.42 3.48 3.30 3.14 37.04 5606 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 NCDC Region-07 31-00 AVERAGE 33.6 50.5 71.2 53.1 52.1 0.88 0.98 1.54 1.08 13.44 STD DEV 2.3 1.8 1.0 1.4 1.0 0.32 0.32 0.27 0.38 2.24 31-60 AVERAGE 33.5 50.3 71.2 53.3 52.1 0.89 0.97 1.47 0.97 12.90 STD DEV 2.6 1.6 0.9 1.2 0.9 0.24 0.34 0.22 0.36 2.52 41-70 AVERAGE 33.5 49.9 70.9 53.3 51.9 0.83 0.93 1.55 0.97 12.82 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 51-80 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.83 0.91 1.49 1.01 12.72 STD DEV 2.0 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18	L' Tag SE											
STD DEV	1200											
61-90 AVERAGE STD DEV 2.1 1.6 1.2 1.6 0.8 0.61 0.67 0.56 0.71 4.27 71-00 AVERAGE 44.0 62.2 79.8 63.1 62.3 2.42 3.48 3.30 3.14 37.04 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 NCDC Region-07 31-00 AVERAGE 33.6 50.5 71.2 53.1 52.1 0.88 0.98 1.54 1.08 13.44 STD DEV 2.3 1.8 1.0 1.4 1.0 0.32 0.32 0.27 0.38 2.24 31-60 AVERAGE 33.5 50.3 71.2 53.3 52.1 0.89 0.97 1.47 0.97 12.90 STD DEV 2.6 1.6 0.9 1.2 0.9 0.24 0.34 0.22 0.36 2.52 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 STD DEV 2.0 1.5 0.9 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.80 0.90 1.05 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18												
STD DEV 71-00 AVERAGE 44.0 62.2 79.8 63.1 62.3 2.42 3.48 3.30 3.14 37.04 5606 STD DEV 2.5 1.5 1.3 1.6 0.9 0.69 0.70 0.59 0.75 3.85 NCDC Region-07 31-00 AVERAGE 33.6 50.5 71.2 53.1 52.1 0.88 0.98 1.54 1.08 13.44 STD DEV 2.3 1.8 1.0 1.4 1.0 0.32 0.32 0.27 0.38 2.24 31-60 AVERAGE 33.5 50.3 71.2 53.3 52.1 0.89 0.97 1.47 0.97 12.90 STD DEV 2.6 1.6 0.9 1.2 0.9 0.24 0.34 0.22 0.36 2.52 41-70 AVERAGE 33.5 49.9 70.9 53.3 51.9 0.83 0.93 1.55 0.97 12.82 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 51-80 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.83 0.91 1.49 1.01 12.72 STD DEV 2.0 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18	The state of the s											
71-00 AVERAGE	of many											
NCDC Region-07 Southwest 31-00 AVERAGE STD DEV 2.3 1.8 1.0 1.4 1.0 0.32 0.32 0.27 0.38 2.24 31-60 AVERAGE STD DEV 2.6 1.6 0.9 1.2 0.9 0.24 0.34 0.22 0.36 2.52 41-70 AVERAGE 33.5 49.9 70.9 53.3 51.9 0.83 0.93 1.55 0.97 12.82 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 51-80 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.83 0.91 1.49 1.01 12.72 STD DEV 2.0 1.5 0.9 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18	4 9	71-00 AVERAGE										
Southwest STD DEV 2.3 1.8 1.0 1.4 1.0 0.32 0.32 0.27 0.38 2.24 31-60 AVERAGE 33.5 50.3 71.2 53.3 52.1 0.89 0.97 1.47 0.97 12.90 51.0 51	5606	STD DEV	2.5	1.5	1.3	1.6	0.9	0.69	0.70	0.59	0.75	3.85
31-60 AVERAGE STD DEV 2.6 1.6 0.9 1.2 0.9 0.24 0.34 0.22 0.36 2.52 41-70 AVERAGE 33.5 49.9 70.9 53.3 51.9 0.83 0.93 1.55 0.97 12.82 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 51-80 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.83 0.91 1.49 1.01 12.72 STD DEV 2.0 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18	NCDC Region-07											
31-60 AVERAGE 33.5 50.3 71.2 53.3 52.1 0.89 0.97 1.47 0.97 12.90 STD DEV 2.6 1.6 0.9 1.2 0.9 0.24 0.34 0.22 0.36 2.52 41-70 AVERAGE 33.5 49.9 70.9 53.3 51.9 0.83 0.93 1.55 0.97 12.82 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 51-80 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.83 0.91 1.49 1.01 12.72 STD DEV 2.0 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18	Southwest											
41-70 AVERAGE 33.5 49.9 70.9 53.3 51.9 0.83 0.93 1.55 0.97 12.82 STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 51-80 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.83 0.91 1.49 1.01 12.72 STD DEV 2.0 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18												
STD DEV 2.0 1.3 1.0 1.4 0.8 0.27 0.35 0.25 0.36 2.59 51-80 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.83 0.91 1.49 1.01 12.72 STD DEV 2.0 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18	a -											
51-80 AVERAGE 33.3 49.8 71.1 53.0 51.8 0.83 0.91 1.49 1.01 12.72 STD DEV 2.0 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18	1 Tag S											
STD DEV 2.0 1.5 0.9 1.5 0.8 0.32 0.31 0.28 0.37 1.99 61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18	1 ,020											
61-90 AVERAGE 33.3 50.2 71.0 52.9 51.8 0.86 0.95 1.57 1.16 13.65 STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18												
STD DEV 2.1 1.9 0.9 1.5 0.9 0.32 0.29 0.31 0.38 2.07 71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18												
71-00 AVERAGE 34.0 50.9 71.3 52.9 52.3 0.90 1.05 1.57 1.20 14.18	I many											
	V V											
	5607											
			1		-		*	-				

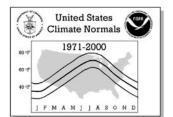


Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

NCDC Regions – Census Regions

State/Region	Ele	ment	WIN-Temp	SPR-Temp	SUM-Temp	AUT-Temp	ANN-Temp	WIN-Prcp	SPR-Prcp	SUM-Prcp	AUT-Prcp	ANN-Prcp
NCDC Region-08	_	AVERAGE	30.5	45.5	63.5	47.5	46.8	3.59	2.19	1.01	2.36	27.42
Northwest		STD DEV	2.9	2.0	1.4	1.6	1.2	0.87	0.46	0.32	0.69	3.95
	31-60	AVERAGE	30.0	45.4	63.2	47.6	46.5	3.63	2.15	0.94	2.36	27.17
7	41 70	STD DEV	3.4	2.2	1.2	1.4	1.2	0.74	0.45	0.30	0.75	3.83
Tag So	41-70	AVERAGE STD DEV	30.4	44.8 1.6	63.0 1.5	47.5 1.6	46.4 1.0	3.62 0.83	2.12 0.45	1.02 0.31	2.47 0.61	27.76 3.47
1 July 1	51-80	AVERAGE	30.7	44.6	63.3	47.4	46.5	3.76	2.12	1.02	2.31	27.66
		STD DEV	2.5	1.4	1.6	1.6	0.9	0.92	0.43	0.29	0.68	3.11
	61-90	AVERAGE	30.6	45.3	63.7	47.3	46.7	3.56	2.16	1.06	2.39	27.50
2		STD DEV	2.4	1.6	1.4	1.9	1.0	0.94	0.39	0.32	0.66	3.71
5600	71-00	AVERAGE	30.8	46.0	63.7	47.4	47.0	3.53	2.29	1.06	2.34	27.57
NCDC Region-09	31_00	STD DEV AVERAGE	2.6 39.9	1.8 52.9	1.3 71.3	1.8 56.5	1.2 55.2	1.00 2.63	0.46 1.43	0.33	0.71 1.09	4.44 16.54
West	31-00	STD DEV	2.5	2.2	1.3	1.5	1.0	1.02	0.60	0.17	0.49	4.16
VVCSt	31-60	AVERAGE	39.5	52.9	71.1	56.6	55.0	2.71	1.40	0.31	0.95	16.05
-		STD DEV	3.0	2.1	1.2	1.3	1.0	0.87	0.52	0.13	0.41	3.66
1 Tag S	41-70	AVERAGE	39.7	52.2	70.7	56.5	54.8	2.60	1.38	0.37	1.09	16.27
1 132	F1 00	STD DEV	2.4	1.7	1.3	1.3	0.8	1.00	0.52	0.17	0.42	3.38
	51-80	AVERAGE STD DEV	39.9 2.1	52.0 1.6	71.0 1.2	56.4 1.3	54.8 0.7	2.59 1.04	1.33 0.54	0.39 0.17	1.08 0.41	16.13 3.04
	61-90	AVERAGE	40.0	52.6	71.3	56.3	55.0	2.40	1.39	0.17	1.28	16.52
Land)		STD DEV	2.1	2.0	1.3	1.5	0.9	1.04	0.58	0.13	0.52	4.43
7 ,	71-00	AVERAGE	40.4	53.4	71.6	56.5	55.5	2.59	1.53	0.40	1.17	16.97
5609		STD DEV	2.1	2.2	1.2	1.7	1.0	1.12	0.67	0.19	0.57	4.97
Census Region-01	31-00	AVERAGE	20.2	41.3	65.2	46.7	43.4	3.17	3.44	3.68	3.77	42.18
New England	31, 60	STD DEV AVERAGE	2.7	1.9 41.4	1.2 65.5	1.5 47.2	1.1 43.7	0.72 3.12	0.83 3.41	0.58 3.61	0.73 3.73	5.08 41.63
7	31-00	STD DEV	3.2	1.9	1.3	1.3	1.1	0.70	0.76	0.56	0.71	4.58
11 600	41-70	AVERAGE	20.2	41.2	65.1	47.3	43.4	3.08	3.23	3.50	3.68	40.49
1 5 303		STD DEV	2.6	1.9	1.3	1.3	1.0	0.72	0.75	0.50	0.68	4.92
W 1-733	51-80	AVERAGE	20.1	41.2	65.0	46.7	43.2	3.36	3.37	3.59	3.73	42.07
The same	61 00	STD DEV	2.6	1.8	1.2	1.6	1.1	0.84	0.77	0.57	0.72	5.62
8	61-90	AVERAGE STD DEV	19.5 1.9	41.2 1.7	65.0 1.1	46.4 1.6	43.0 0.9	3.15 0.83	3.41 0.95	3.72 0.56	3.76 0.71	42.21 5.82
	71-00	AVERAGE	20.3	41.5	65.2	46.2	43.3	3.27	3.63	3.87	3.84	43.84
5801		STD DEV	2.4	1.8	1.2	1.4	1.1	0.78	0.90	0.60	0.81	5.21
Census Region-02	31-00	AVERAGE	26.1	45.7	68.2	50.3	47.6	2.83	3.51	3.86	3.43	40.89
Middle Atlantic		STD DEV	3.0	1.9	1.3	1.6	1.1	0.59	0.65	0.60	0.70	4.33
4	31-60	AVERAGE	26.6 3.2	45.7 1.9	68.7	50.7 1.5	47.9	2.81 0.55	3.57 0.67	3.84	3.28	40.45
1 Page of	41-70	STD DEV AVERAGE	25.8	45.7	1.3 68.2	50.8	1.1 47.6	2.74	3.48	0.50 3.71	0.61 3.25	3.49 39.55
{ C L } 502	11 70	STD DEV	2.8	1.8	1.3	1.4	1.0	0.53	0.65	0.58	0.67	4.01
	51-80	AVERAGE	25.5	45.5	67.9	50.3	47.3	2.91	3.46	3.78	3.41	40.66
4		STD DEV	2.8	1.7	1.1	1.7	1.0	0.68	0.56	0.65	0.72	4.54
La D	61-90	AVERAGE	25.0	45.6	67.6	50.0	47.1	2.78	3.44	3.91	3.54	41.11
68	71_00	STD DEV AVERAGE	2.4 26.3	1.8 45.8	1.0 67.8	1.8 49.8	0.9 47.4	0.68 2.94	0.65 3.58	0.63 4.02	0.73 3.68	4.90 42.67
5802	71-00	STD DEV	20.3	2.0	1.3	1.6	1.2	0.65	0.65	0.63	0.73	42.67
Census Region-03	31-00	AVERAGE	24.7	46.7	70.0	50.7	48.0	1.99	3.21	3.71	2.90	35.43
East North Central		STD DEV	3.2	2.1	1.5	1.9	1.3	0.52	0.60	0.55	0.71	3.51
1	31-60	AVERAGE	25.5	46.4	70.6	51.0	48.3	2.01	3.15	3.64	2.76	34.68
1 The S	41 70	STD DEV	2.9	2.0	1.5	1.9	1.2	0.59	0.68	0.54	0.71	3.26
{ P	41-70	AVERAGE STD DEV	24.5	46.6 1.9	69.8 1.4	50.9 1.6	48.0 1.1	1.95 0.59	3.27 0.54	3.65 0.41	2.76 0.72	34.87
	51-80	AVERAGE	23.7	46.6	69.6	50.6	47.7	1.95	3.23	3.77	2.73	35.02
[]		STD DEV	3.2	1.8	1.2	1.9	1.1	0.46	0.49	0.51	0.67	3.63
Lind	61-90	AVERAGE	23.4	46.9	69.5	50.5	47.6	1.94	3.23	3.71	3.03	35.87
E3		STD DEV	3.1	2.1	1.3	1.8	1.1	0.49	0.57	0.56	0.71	3.95
5803	71-00	AVERAGE STD DEV	24.6	47.1 2.4	69.7 1.6	50.3 1.9	47.9 1.4	2.02 0.41	3.25	3.86	3.04 0.70	36.57
Census Region-04	31-00	AVERAGE	3.6 22.0	46.7	71.5	49.4	47.4	0.41	0.58 2.52	0.58 3.39	1.94	3.45 26.22
West North Central		STD DEV	3.5	2.2	1.7	2.0	1.4	0.20	0.52	0.61	0.60	3.62
1130t Horai Oomaa	31-60	AVERAGE	22.2	46.2	72.0	49.9	47.6	0.89	2.41	3.32	1.75	25.09
Mas S		STD DEV	3.2	2.0	1.9	2.0	1.5	0.19	0.53	0.65	0.59	3.62
(4 Box)	41-70	AVERAGE	21.7	46.0	71.1	49.6	47.1	0.86	2.50	3.54	1.85	26.23
1	51-80	STD DEV AVERAGE	2.3 21.0	2.0 46.3	1.5 71.3	$\frac{1.9}{49.4}$	1.1 47.0	0.24 0.84	0.41 2.50	0.47 3.37	0.60 1.86	3.14 25.71
17 - 17	54 00	STD DEV	3.1	1.9	1.3	2.0	1.2	0.22	0.45	0.52	0.61	3.63
Luxul	61-90	AVERAGE	21.1	47.1	71.3	49.2	47.1	0.86	2.59	3.34	2.05	26.52
		STD DEV	3.5	2.3	1.3	1.7	1.3	0.23	0.46	0.47	0.61	3.49
5004	71-00	AVERAGE	22.2	47.4	71.2	48.9	47.4	0.90	2.66	3.43	2.12	27.36
5804		STD DEV	4.3	2.5	1.5	1.9	1.5	0.18	0.52	0.63	0.59	3.64



Area-Weighted Seasonal Normals, 1971-2000 (and previous periods) HISTORICAL CLIMATOGRAPHY SERIES 4-3

Temperature (°F) and Precipitation (inches)

Census Regions

State/Region	Ele	ment	WIN-Temp	SPR-Temp	SUM-Temp	AUT-Temp	ANN-Temp	WIN-Prcp	SPR-Prcp	SUM-Prcp	AUT-Prcp	ANN-Prcp
Census Region-05		AVERAGE	45.5	60.7	76.9	62.8	61.5	3.57	3.89	5.27	3.57	48.89
South Atlantic		STD DEV	2.8	1.5	1.0	1.4	0.9	0.80	0.68	0.70	0.87	4.59
4	31-60	AVERAGE	46.4	60.9	77.3	63.1	61.9	3.38	3.90	5.38	3.49	48.41
1 Tag of	41 70	STD DEV AVERAGE	3.0 45.2	1.7 60.9	0.8 76.8	1.3 62.8	0.8 61.4	0.75 3.43	0.57 3.88	0.62 5.35	0.98 3.53	4.81 48.53
(41-70	STD DEV	2.8	1.4	0.9	1.2	0.9	0.57	0.60	0.62	0.87	4.72
	51-80	AVERAGE	44.7	60.7	76.5	62.5	61.1	3.62	4.00	5.15	3.54	48.86
The state of the s		STD DEV	2.9	1.3	1.0	1.4	0.9	0.64	0.60	0.58	0.84	4.61
Jun 1	61-90	AVERAGE	44.3	60.6	76.4	62.6	61.0	3.66	3.90	5.17	3.54	48.85
	E1 00	STD DEV	2.5	1.2	0.9	1.6	0.9	0.80	0.76	0.68	0.78	4.53
5805	/1-00	AVERAGE STD DEV	45.5 2.5	60.7 1.4	76.8 1.0	62.8 1.6	61.4 0.9	3.75 0.89	3.95 0.83	5.10 0.80	3.75 0.81	49.64
Census Region-06	31-00	AVERAGE	42.9	60.1	77.5	61.5	60.5	4.89	4.99	4.34	3.53	53.24
East South Central		STD DEV	3.1	1.7	1.4	1.8	1.1	1.15	1.12	0.76	1.02	6.49
Edot Coddi Contadi	31-60	AVERAGE	44.1	60.4	78.2	61.9	61.1	4.91	4.77	4.35	3.21	51.63
1 The S	8	STD DEV	3.1	1.9	1.3	1.7	1.0	1.13	0.87	0.79	1.08	5.82
{ r } 502 r) s	41-70	AVERAGE STD DEV	42.8	60.3 1.7	77.5 1.4	61.4 1.5	60.5 1.1	4.80 0.97	4.85 0.83	4.26 0.77	3.33 0.97	51.67 6.31
	51-80	AVERAGE	41.9	60.0	77.2	61.0	60.0	4.82	5.19	4.20	3.54	53.21
	51 00	STD DEV	3.3	1.7	1.4	1.7	1.1	1.06	1.10	0.67	1.10	7.20
Line	61-90	AVERAGE	41.3	59.9	76.9	61.1	59.8	4.81	5.16	4.30	3.81	54.48
ill fi		STD DEV	2.7	1.5	1.1	1.8	0.9	1.23	1.31	0.74	0.99	7.19
5806	71-00	AVERAGE	42.5	59.8	77.2	61.2	60.1	4.93	5.26	4.35	3.95	55.44
Census Region-07	31-00	STD DEV AVERAGE	2.8	1.6	1.3	1.9 64.7	1.0 63.8	1.19 2.39	1.36 3.26	0.79 3.05	0.93 2.91	6.77 34.84
West South Central	31 00	STD DEV	2.2	1.6	1.3	1.6	0.9	0.69	0.74	0.67	0.80	4.99
West South Central	31-60	AVERAGE	46.9	63.3	81.2	65.0	64.1	2.46	3.29	3.00	2.64	34.23
1 The S		STD DEV	2.0	1.6	1.3	1.6	0.9	0.68	0.80	0.77	0.77	5.70
1 / 1 / SB2 1/2	41-70	AVERAGE	46.2	63.4	80.9	64.7	63.8	2.30	3.29	2.98	2.75	33.88
	51_80	STD DEV AVERAGE	2.0 45.7	1.6 63.5	1.3 80.8	1.3 64.4	0.8 63.6	0.61 2.12	0.80 3.19	0.76 2.95	0.72 2.90	5.88 33.51
1	31-00	STD DEV	2.5	1.7	1.5	1.8	1.0	0.51	0.86	0.71	0.80	5.53
	61-90	AVERAGE	45.1	63.7	80.3	64.5	63.4	2.25	3.18	3.07	3.12	34.79
		STD DEV	2.1	1.6	1.2	1.6	0.8	0.62	0.67	0.61	0.77	4.34
5005	71-00	AVERAGE	46.0	63.7	80.5	64.5	63.6	2.38	3.32	3.14	3.21	36.17
5807 Census Region-08	31-00	STD DEV AVERAGE	2.4 28.9	1.5 46.7	1.3	1.7 49.2	0.9 48.2	0.72 0.95	0.71 1.15	0.60 1.39	0.83	4.08 13.56
Mountain	31 00	STD DEV	2.6	1.8	1.1	1.5	1.0	0.22	0.24	0.23	0.28	1.69
Mountain	31-60	AVERAGE	28.7	46.5	68.1	49.4	48.1	0.96	1.12	1.32	0.96	13.05
I Then S	8	STD DEV	2.9	1.7	1.1	1.3	1.0	0.15	0.26	0.19	0.29	1.84
5025	41-70	AVERAGE STD DEV	28.8	45.9 1.3	67.7 1.0	49.3 1.6	47.9 0.7	0.93 0.19	1.11 0.24	1.42 0.21	0.98 0.28	13.29
	51-80	AVERAGE	28.7	45.9	67.9	49.1	47.9	0.19	1.10	1.36	0.28	13.16
17	51 00	STD DEV	2.2	1.3	0.9	1.6	0.8	0.23	0.24	0.22	0.24	1.53
Lind	61-90	AVERAGE	28.7	46.5	68.0	48.9	48.0	0.93	1.15	1.42	1.10	13.81
		STD DEV	2.3	1.8	1.0	1.7	0.9	0.24	0.22	0.22	0.27	1.52
5808	71-00	AVERAGE STD DEV	29.3 2.6	47.2 1.9	68.2 1.1	48.9 1.6	48.4 1.1	0.94 0.26	1.23 0.22	1.41 0.25	1.13 0.28	14.09
Census Region-09	31-00	AVERAGE	39.3	51.6	68.1	54.6	53.4	4.10	2.15	0.62	2.11	26.91
Pacific	31 00	STD DEV	2.3	1.8	1.2	1.4	0.9	1.05	0.55	0.21	0.64	4.31
1 dollo	31-60	AVERAGE	38.7	51.5	67.8	54.6	53.2	4.17	2.12	0.59	2.02	26.63
The S	8	STD DEV	2.7	1.9	1.0	1.2	0.9	0.90	0.49	0.21	0.63	3.61
1 3020	41-70	AVERAGE STD DEV	39.1	51.0 1.4	67.7 1.3	54.6 1.2	53.1 0.7	4.09 1.02	2.08 0.51	0.61 0.21	2.20 0.53	26.95 3.00
1	51-80	AVERAGE	39.3	50.8	67.9	54.5	53.1	4.18	2.05	0.62	2.10	26.80
		STD DEV	2.0	1.3	1.3	1.2	0.7	1.10	0.49	0.19	0.58	2.49
Land)	61-90	AVERAGE	39.4	51.4	68.3	54.5	53.4	3.91	2.09	0.65	2.25	26.72
- E81	E1 00	STD DEV	1.9	1.6	1.2	1.6	0.8	1.13	0.53	0.21	0.65	4.44
5809	/1-00	AVERAGE STD DEV	39.7 1.9	52.1 1.8	68.5 1.1	54.7 1.6	53.8 0.9	4.05 1.18	2.25 0.60	0.66 0.21	2.13 0.71	27.16 5.47
National Census Region	31-00	AVERAGE	33.1	51.6	72.0	54.2	52.7	2.16	2.58	2.75	2.26	29.25
Conterminous U.S.		STD DEV	1.9	1.2	0.8	1.1	0.8	0.31	0.34	0.24	0.37	2.27
	31-60	AVERAGE	33.3	51.4	72.2	54.5	52.9	2.17	2.54	2.71	2.11	28.57
*	41 70	STD DEV	1.6	1.1	0.8	1.0	0.7	0.26	0.34	0.27	0.39	2.22
Harry of	41-10	AVERAGE STD DEV	32.9 1.3	51.2 0.9	71.8 0.7	54.3 1.0	52.5 0.6	2.11 0.25	2.55 0.28	2.76 0.23	2.18 0.36	28.78
	51-80	AVERAGE	32.5	51.2	71.8	54.0	52.4	2.13	2.56	2.71	2.20	28.80
MATTER		STD DEV	1.8	0.9	0.7	1.2	0.6	0.30	0.33	0.22	0.37	2.34
ATTY HELD	61-90	AVERAGE	32.4	51.6	71.7	53.9	52.4	2.11	2.59	2.75	2.37	29.46
A STATE OF THE PARTY OF THE PAR	71 00	STD DEV	1.8	1.3	0.7	1.1	0.7	0.34	0.33	0.21	0.35	2.25
5999	/I-00	AVERAGE STD DEV	33.2	52.0 1.3	71.9 0.8	53.9 1.1	52.7 0.9	2.18 0.36	2.68 0.35	2.79 0.23	2.42 0.34	30.21
	1	~ 1 D II V	I 2.3				٥.,			· · 2 J	3.31	2.17