

Issued January 3, 2011; Vol 11-1

## **Crops & Weather**

National Agricultural Statistics Service

Iowa Field Office

USDA National Agricultural Statistical Service, Iowa Field Office • 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195 PHONE 515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • <u>nass-ia@nass.usda.gov</u>

In Cooperation with the Iowa Department of Agriculture and Land Stewardship

For the week ending January 2, 2011

## DECEMBER 2010

Although Iowa received above average snow in the month of December, most felt fortunate to have seen substantially less snow than December 2009. Warm temperatures as the month closed melted most of the snow cover leaving only areas where drifts accumulated. Little fieldwork was done during the month although operators were able to wrap up tile and drainage work early in the month and some manure was applied.

While little snow remained as December came to a close, topsoil moisture levels rated 1 percent very short, 7 percent short, 85 percent adequate, and 7 percent surplus.

With little of note in the realm of severe weather, grain movement was 36 percent none, 38 percent light, 22 percent moderate and 4 percent heavy. Producers are moving grain to fulfill contracts as well as take advantage of current prices.

Availablity of hay and roughage supplies was 12 percent short, 75 percent adequate and 13 percent surplus. Some cattle producers were able to return herds to fields for gleaning crop residues while others have seen cows go through higher amounts of hay as colder temperatures arrived. Few reports of livestock health issues have been received with hog and pig losses in December at 48 percent light, 51 percent average and 1 percent heavy. Cattle and calf losses were similar with 47 percent light, 52 percent average and 1 percent heavy.

## IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

<u>General Summary</u>. December temperatures averaged 19.5 degrees or 3.1 degrees below normal while precipitation totaled 1.24 inches or 0.01 inch greater than normal. This ranks as the  $29^{\text{th}}$  coolest and  $57^{\text{th}}$  wettest December among 138 years of state records.

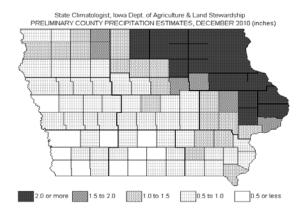
<u>Temperatures</u>. Cooler than usual weather prevailed throughout most of the early and mid portions of December with 16 of the first 19 days averaging on the cold side of normal. The season's first sub-zero readings were recorded in a few northeast Iowa locations on the  $5^{\text{th}}$  with most of the state falling below zero on the  $13^{\text{th}}$  and  $14^{\text{th}}$ . Elkader

reported the lowest temperature of the month with a -22 degree reading on the 14<sup>th</sup>. Milder air prevailed late in the month with nine of the final 12 days of December averaging on the warm side of normal. Unseasonably warm and humid air on the 29<sup>th</sup>, 30<sup>th</sup> and 31<sup>st</sup> melted most of the snowcover across the southwestern two-thirds of Iowa. The mildest day by far came on the 30<sup>th</sup> when Shenandoah soared to 66 degrees. However, deep snow cover held high temperatures down to the upper 30's over northeastern areas. Monthly temperatures averaged 4 to 7 degrees below normal over northeast Iowa where deep snow prevailed for most of the month while the far southwest averaged within one degree of normal.

<u>Heating Degree Day Totals</u>. Home heating requirements, as estimated by heating degree day totals, averaged the same as last December and 7% more than normal. Degree day totals so far this heating season (since July 1) are running 5% less than last season and 6% less than normal.

Precipitation. A very persistent storm track brought a parade of storms to northeastern areas of Iowa while the south was unusually dry. total of eight storms brought an inch or more of snow to the state and all but one were centered over the northeast. The largest storms brought snow totals of seven inches of more on the  $3^{rd}-4^{th}$ ,  $11^{th}-12^{th}$ ,  $20^{th}$  and 23<sup>rd</sup>-24<sup>th</sup>. Monthly snow totals varied from only 0.7 inches at Sidney up to 36.0 inches at Waukon. At Waukon this was the snowiest calendar month of record, slightly exceeding the previous record total of 35.5 inches set in December 2008. Yet another storm event on the 10<sup>th</sup>-11<sup>th</sup> brought widespread rain to the state with greatest amounts again over the northeast. Cresco and Decorah both recorded their wettest December ever. At Cresco a 3.60 inch amount was the highest December total among 105 years of record (old record 3.55 in 1982). At Decorah 3.29 inches of precipitation fell, surpassing the 3.12 inch total recorded set just last December among 124 years of record.

The most disruptive storm of the month was a blizzard on the  $11^{th}-12^{th}$  when wind gusts of 50 to 60 mph over western Iowa coincided with moderate to heavy snowfall. Nearly all highways over the northwest one-third of the state were closed by drifts and very poor visibility. Audubon Airport reported the highest wind gust at 70 mph while Waukon had the most snow with 12 inches. Meanwhile wind chills dipped to -30 degrees at Estherville near daybreak on the  $12^{th}$ .



## Soil Moisture Condition as of January 2, 2011

Item	Districts									State	Last	Last
	NW	NC	NE	WC	С	EC	SW	SC	SE	Sidle	Week	Year
	(Percent)											
Topsoil moisture												
Very short	0	0	6	0	0	0	4	0	0	1	NA	NA
Short	4	1	17	12	2	2	12	6	3	7	NA	NA
Adequate	94	79	68	83	83	97	78	94	95	85	NA	NA
Surplus	2	20	9	5	15	1	6	0	2	7	NA	NA

STATION         HI         LO         AVG         DPH         TOTAL         DFN         DAYS         HOP         DAYS         DAYS <thdays< th=""> <thdays<< th=""><th colspan="11">December 2010 Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc.</th></thdays<<></thdays<>	December 2010 Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc.											
STATION         HI         LD         AVG         DTN         DAYS         TOT         DFN         32         226         2020         2020         2020         2020         2020         2020         2020         2020         2020         2020         2020         2021         2010         2021         2010         2021         2010 <th></th> <th></th> <th>AIR TEMPI</th> <th>ERATURE</th> <th></th> <th>PF</th> <th>RECIPITATION</th> <th></th> <th></th> <th></th> <th></th> <th></th>			AIR TEMPI	ERATURE		PF	RECIPITATION					
Esharylla         36         6         17         2         200         25         1.446         1.444         1.444         1.444         1.445         30         20	STATION	н	LO	AVG	DFN	TOTAL	DFN	DAYS			32	28
Sioux Center         46         -6         18         -3         1.35         0.51         7         1.447         +85         31         33           Spint Lake         42         -7         15         -3         0.80         0.00         6         1338         +104         33         33           Britt         43         -6         17         -4         155         0.54         10         1440         +104         31         31           Mumbolit         48         -5         17         -4         155         0.54         10         1440         +102         31         31           Decorah         46         -18         17         -2         123         0.02         9         1445         +314         31         32         29           Osage         -10         20         -10         20         20         0.81         11         1448         +181         31         29           Ekkader         -13         -16         20         -3         0.08         1.68         11         -16         20         4         0.70         0.13         8         330         431         31         31												
Sioux Center         46         -6         18         -3         1.35         0.51         7         1.447         +85         31         33           Spint Lake         42         -7         15         -3         0.80         0.00         6         1338         +104         33         33           Britt         43         -6         17         -4         155         0.54         10         1440         +104         31         31           Mumbolit         48         -5         17         -4         155         0.54         10         1440         +102         31         31           Decorah         46         -18         17         -2         123         0.02         9         1445         +314         31         32         29           Osage         -10         20         -10         20         20         0.81         11         1448         +181         31         29           Ekkader         -13         -16         20         -3         0.08         1.68         11         -16         20         4         0.70         0.13         8         330         431         31         31	Estherville	39	-6	17	-2	0.25	-0.48	3	1484	+37	30	29
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $												
Spirit Lake         42         -7         15         -3         0.80         -0.09         6         1538         +104         31         31           Britt         43         8         15         15         180         0.44         9         1538         +77         33         31           Masso City         39         -8         17         -2         123         0.02         9         1480         +118         31         31           Osage         42         -10         14         -6         329         2.08         188         157         +118         31         30           Debrayou         42         -10         14         -6         329         2.08         157         +184         13         30         31           Becorah         42         -18         17         -5         329         2.08         188         +161         31         32           Valerbo         43         -12         188         -0.09         3         148         +131         31         30           Valerbo         59         -4         20         -4         0.83         -0.13         6         1413												
Image: Construct of the image: Construl of the image: Construct of the image: Construct of the image: C												
britt.         43         48         15         5         180         0.44         9         154         -778         31         31           Mason City         39         48         17         -2         123         0.02         9         1480         +118         31         31           Osage         42         -10         14         6         359         2.34         8         1571         +118         31         31           Deborati         42         -10         14         6         3.59         2.34         8         1571         +118         31         30           Deborati         42         -3         17         -6         3.29         2.08         18         12         1882         +254         31         31           Fayetie         43         -18         11         -10         2.44         1.53         11         168         121         1882         +254         31         31           Garrot          57         6         19         -3         0.60         -0.68         4         1395         +35         33         31           Garrot <th< th=""><th></th><th colspan="10"></th><th></th></th<>												
$\begin{array}{                                    $	Britt	43	-8	15	-5	1.80	0.44	9	1547	+78	31	31
Mason City         39         -8         17         -2         1.23         0.02         9         1485         +57         30         28           Osage         42         -10         14         -6         3.59         2.34         8         1571         +118         31           Dubuyue         42         -9         17         -6         2.97         0.81         11         1486         +181         31         20           Ekader         45         -22         14         -9         30.6         1.88         12         1582         -254         31         31           Fayethe         43         -18         11         -10         2.94         1.53         11         1661         +2.45         31         31           Gardin         57         -6         19         -3         0.61         -0.35         6         1413         +48         31         30           Gardin         57         -6         19         -3         0.61         -0.35         6         1413         +48         31         30           Gardin         57         -6         19         -3         0.62         -0.42	Humboldt											
Osage         42         -10         14         -6         3.59         2.24         8         1571         +118         31         31           Decorah         46         -18         17         -5         3.20         16         1446         +118         31         32           Dubucue         42         -2         17         -5         3.20         0.81         11         1486         +118         31         33         33           Guade         43         -12         18         -3         0.81         12         1488         +181         31         30           Carroll         57         -6         19         -3         0.61         0.35         6         1413         +84         31         30           Carroll         57         -6         19         -3         0.61         0.35         6         1413         +84         31         30           Carroll         57         -6         19         -3         0.61         0.35         6         1411         492         31         30           Jefferson         57         -3         19         -3         0.66         0.27	Mason City										_	
Decorah         46         18         17         -6         2.97         0.81         11         1448         +113         31         20           Ekkader         43         -22         17         -6         2.97         0.81         11         1488         +113         31         29           Ekkader         43         -18         11         -10         2.94         1.53         11         1661         +2.254         31         31           Fayelte         43         -18         13         1.80         0.61         0.35         6         1413         +484         31         30           Carroll         57         -6         19         -3         0.61         0.35         6         1413         +484         31         30           Castana         59         -10         20         -3         0.60         0.88         4         1335         +45         31         31           Guthe Carter         59         -4         19         -5         0.67         -2.67         5         144         +11         +12         31         31           Logan         55         -4         19         -4			-10	14				8	1571		31	31
Dubuque         42         9         17         -6         2.77         0.81         11         1488         +181         31         31           Fayelte         43         -18         11         -10         2.94         1.53         11         1661         +224         31         31           Waterloo         43         -18         11         -10         2.94         1.53         11         1661         +224         31         31           Carroll         57         -6         19         -3         0.61         -0.35         6         1413         +84         31         30           Guthrie Center         59         -10         20         -3         0.60         -0.68         4         133         44         13         31         31           Jefferson         57         -3         19         -3         0.67         -0.29         5         1411         +92         31         31           Sac City         55         -4         19         -4         0.88         0.44         6         122         92         26           Garonty         Ez         0.41         19         -4         0.88 </th <th>-</th> <th colspan="11"></th>	-											
Dubuque         42         9         17         -6         2.77         0.81         11         1488         +181         31         29           Elkador         45         -22         18         10         2.94         1.53         11         1661         +2245         31         31           Waterloo         43         -18         11         -10         2.94         1.53         11         1661         +224         31         31           Carroll         57         -6         19         -3         0.61         -0.35         6         1413         +484         31         30           Castana         55         -4         20         -4         0.80         -0.68         4         133         44         31         31         31           Gurine         55         -4         20         -4         0.86         -0.66         3080         +81         31         31         33           Jegan         55         -4         18         -5         0.66         -0.27         5         1411         +92         31         31         33           Sac City         55         -4         18	Decorah	46	-18	17	-5	3.29	2.08	15	1496	+134	31	30
Elkader         45         -22         14         -9         3.08         1.68         12         1582         +2254         31         31           Waterloo         43         -18         11         160         1.50         9         1450         +245         31         31           Carrol         57         -6         19         -3         0.61         -0.03         8         1395         +44         31         30           Castana         59         -10         20         -4         0.60         -0.68         4         1395         +455         31         31         30           Haferson         59         -10         20         -4         0.66         -0.29         5         1411         +42         31         31         31           Logan         53         -4         12         2         0.66         -0.27         5         1448         +73         31         31         31         33         33         30         30         30         30         30         30         30         30         30         30         30         30         30         30         30         30         30		42	-9	17	-6	2.77	0.81	11	1488	+181	31	29
	Elkader	45	-22	14	-9	3.08	1.68	12	1582	+254	31	31
Carroll         S7         -6         19         -3         0.61         -0.35         6         1413         +84         31         30           Guthre Center         59         -10         20         -3         0.60         -0.68         4         1395         +95         31         30           Guthre Center         59         -4         20         -4         0.63         -0.18         7         1385         +65         31         30           Jefferson         57         -3         19         -3         0.67         -0.29         5         1411         +92         31         31           Rockwell City         53         -4         18         -5         0.66         -0.27         5         1448         +73         31         31           Sac City         55         -4         19         -4         0.68         -0.64         6         1429         +110         31         31           Sioux City         55         -4         19         -4         0.68         -0.64         6         1429         +110         31         31           Des Moines         61         1         25         0.68	Fayette	43	-			2.94	1.53	11				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Waterloo	43	-12	18	-3	1.80	0.50	9	1450	+107	30	29
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		West Central District										
	Carroll	57	-6	19	-3	0.61	-0.35	6	1413	+84	31	30
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		56	-4	20	-4		-0.13	8	1399	+130	31	31
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		59	-10	20	-3	0.60	-0.68		1395	+95	31	30
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Harlan		-4		-4					+65	31	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $												
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Logan		-									
Sioux City         52         -4         21         -1         1.00         0.22         7         1345         +36         30         30           Central District	Rockwell City		-									
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$												
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Sloux City	52	-4	21	-1	1.00		1 1	1345	+30	30	30
Des Moines         61         1         25         2         0.68         -0.64         6         1229         +2         29         26           Grundy Center         47         -10         18         -3         1.12         -0.17         6         1463         +900         31         31           Marshalltown         55         -4         19         -5         0.44         -0.69         6         1405         +134         31         31           Perry         50         -5         18         -5         0.84         -0.41         7         1462         +125         31         31           Davenport         49         -4         19         -5         1.09         -0.50         12         1417         +132         30         28           Davenport         49         -4         19         -7         1.62         -0.30         12         1417         +132         30         28           Davenport         49         -4         19         -7         1.62         -0.30         12         1416         +242         29         29           Lowden         44         -8         15         -9         <	_											
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			-									
Newton         55         -4         19         -5         0.44         -0.69         6         1405         +134         31         31           Perry         59         -2         19         -3         0.81         -0.25         7         1406         +96         31         31           Toledo         50         -5         18         -5         0.81         -0.41         7         1462         +125         31         31           Cedar Rapids         47         -3         19         -5         1.09         -0.50         12         1417         +132         30         28           Davenport         49         -4         19         -7         1.62         -0.30         10         1416         +242         29         29         10wa City         151         1         22         -5         1.06         -0.50         6         1333         +147         28         27           Lowden         44         -13         15         -9         1.91         0.11         12         156         +263         31         30           Maquoketa         44         -13         1.23         -2         0.57         0			-								_	-
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			-									
Toledo         50         -5         18         -5         0.84         -0.41         7         1462         +125         31         31           East Central District           Cedar Rapids         47         -3         19         -5         1.09         -0.50         12         1417         +132         30         28           Davenport         49         -4         19         -7         1.62         -0.30         10         1416         +242         29         29           lowa City         47         -2         22         -5         1.06         -0.50         6         1333         +147         28         27           Lowden         44         -8         15         -9         2.38         0.27         12         1542         +246         31         30           Maquoketa         44         -13         12         2-5         1.41         -0.56         9         1339         +154         30         30           Muscatine         65         -1         23         -2         0.57         -0.61         7         1298         +52         30         30           Glenwood         65											_	-
Cedar Rapids         47         -3         19         -5         1.09         -0.50         12         1417         +132         30         28           Davenport         49         -4         19         -7         1.62         -0.30         10         1416         +242         29         29           Jowa City         47         -2         22         -5         1.06         -0.50         6         1333         +147         28         27           Lowden         44         -8         15         -9         2.38         0.27         12         1542         +246         31         30           Maguoketa         44         -13         15         -9         1.91         0.11         12         1556         +263         31         30           Muscatine         51         1         22         -5         1.41         -0.56         9         1339         +147         30         30           Clarinda         65         -1         23         -2         0.57         -0.61         7         1298         +52         30         30           Glenwood         63         0         23         -2												
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					•	0.0.1					0.	0.
Davenport         49         -4         19         -7         1.62         -0.30         10         1416         +242         29         29           lowa City         47         -2         22         -5         1.06         -0.50         6         1333         +147         28         27           Lowden         44         -13         15         -9         2.38         0.27         12         1542         +246         31         30           Maquoketa         44         -13         15         -9         1.91         0.11         12         1556         +263         31         30           Muscatine         51         1         22         -5         1.41         -0.56         9         1339         +144         30         30           Clarinda         65         -1         23         -2         0.57         -0.61         7         1298         +52         30         30           Glarinda         65         -1         24         -3         0.62         -0.59         5         1278         +33         31         30           Sidney         64         2         25         -1         0.62 <th>Cedar Bapids</th> <th>47</th> <th>-3</th> <th>19</th> <th>-5</th> <th>1.09</th> <th></th> <th>1</th> <th>1417</th> <th>+132</th> <th>30</th> <th>28</th>	Cedar Bapids	47	-3	19	-5	1.09		1	1417	+132	30	28
lowa City         47         -2         22         -5         1.06         -0.50         6         1333         +147         28         27           Lowden         44         -8         15         -9         2.38         0.27         12         1542         +246         31         30           Maquoketa         44         -13         15         -9         1.91         0.11         12         1556         +263         31         30           Muscatine         51         1         22         -5         1.41         -0.56         9         1339         +154         30         30           Matantic         62         -7         20         -3         0.66         -0.43         6         1380         +93         31         30           Clarinda         65         -1         23         -2         0.57         -0.61         7         1298         +52         30         30           Glenwood         63         0         23         -2         0.59         5         1278         +333         13         30           Sidney         64         2         25         -1         0.43         -0.75	•											
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		47	-2	22		1.06	-0.50	6	1333	+147	28	
Muscatine         51         1         22         -5         1.41         -0.56         9         1339         +154         30         30           South West District           Atlantic         62         -7         20         -3         0.66         -0.43         6         1380         +93         31         30           Clarinda         65         -1         23         -2         0.57         -0.61         7         1298         +52         30         30           Glenwood         63         0         23         -2         0.59         -0.59         4         1293         +71         31         30           Red Oak         65         -1         24         -3         0.62         -0.59         5         1278         +33         31         30           Beaconsfield         60         -2         23         -3         0.56         -0.75         4         1299         +59         31         31           Beaconsfield         60         -2         23         -3         0.56         -0.75         4         1299         +59         31         31           Indianola         60         <		44	-8	15	-9	2.38		12		+246	31	
Muscatine         51         1         22         -5         1.41         -0.56         9         1339         +154         30         30           South West District           Atlantic         62         -7         20         -3         0.66         -0.43         6         1380         +93         31         30           Clarinda         65         -1         23         -2         0.57         -0.61         7         1298         +52         30         30           Glenwood         63         0         23         -2         0.59         -0.59         4         1293         +71         31         30           Red Oak         65         -1         24         -3         0.62         -0.59         5         1278         +33         31         30           Beaconsfield         60         -2         23         -3         0.56         -0.75         4         1299         +59         31         31           Beaconsfield         60         -2         23         -3         0.56         -0.75         4         1299         +59         31         31           Indianola         60         <	Maquoketa	44	-13	15	-9	1.91	0.11	12	1556	+263	31	30
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		51	1	22	-5	1.41	-0.56	9	1339	+154	30	30
Clarinda         65         -1         23         -2         0.57         -0.61         7         1298         +52         30         30           Glenwood         63         0         23         -2         0.59         -0.59         4         1293         +71         31         30           Red Oak         65         -1         24         -3         0.62         -0.59         5         1278         +33         31         30           Sidney         64         2         25         -1         0.43         -0.73         8         1238         +40         31         29           Main constraint         61         -1         23         -3         0.56         -0.75         4         1299         +59         31         31           Beaconsfield         60         -2         23         -3         0.35         -0.76         4         1309         +80         31         30           Indianola         60         -2         23         -3         0.38         -0.98         5         1334         +82         31         30           Indianola         60         -2         21         -4         0.58<												
Glenwood         63         0         23         -2         0.59         -0.59         4         1293         +71         31         30           Red Oak         65         -1         24         -3         0.62         -0.59         5         1278         +33         31         30           Sidney         64         2         25         -1         0.43         -0.73         8         1238         +40         31         29           South Central District         South Central District         South Central District         4         1309         +80         31         30           Beaconsfield         60         -2         23         -3         0.56         -0.75         4         1299         +59         31         31         30           Chariton         61         -5         22         -3         0.38         -0.98         5         1334         +82         31         30           Indianola         60         -2         21         -4         0.58         -0.80         4         1347         +89         30         30           Leon         63         -2         23         -2         0.32         -1.04<						0.66						
Red Oak         65         -1         24         -3         0.62         -0.59         5         1278         +33         31         30           Sidney         64         2         25         -1         0.43         -0.73         8         1238         +40         31         29           South Central District           Allerton         61         -1         23         -3         0.56         -0.75         4         1299         +59         31         31           Beaconsfield         60         -2         23         -3         0.35         -0.76         4         1309         +80         31         30           Chariton         61         -5         22         -3         0.38         -0.98         5         1334         +82         31         30           Indianola         60         -2         21         -4         0.58         -0.80         4         1347         +89         30         30           Leon         63         -2         23         -5         0.64         -0.92         4         1301         +112         31         30           Burlington         53         0<										+52	30	30
Sidney       64       2       25       -1       0.43       -0.73       8       1238       +40       31       29         South Central District         Allerton       61       -1       23       -3       0.56       -0.75       4       1299       +59       31       31         Beaconsfield       60       -2       23       -3       0.56       -0.75       4       1309       +80       31       30         Chariton       61       -5       22       -3       0.35       -0.76       4       1309       +80       31       30         Indianola       60       -2       21       -4       0.58       -0.98       5       1334       +82       31       30         Indianola       60       -2       21       -4       0.58       -0.80       4       1347       +89       30       30         Leon       63       -2       23       -2       0.32       -1.04       3       1283       +43       31       30         Bloomfield       57       -5       23       -5       0.64       -0.92       4       1301       +112       31       <			-									
Allerton         61         -1         23         -3         0.56         -0.75         4         1299         +59         31         31           Beaconsfield         60         -2         23         -3         0.35         -0.76         4         1309         +80         31         30           Chariton         61         -5         22         -3         0.38         -0.98         5         1334         +82         31         30           Indianola         60         -2         21         -4         0.58         -0.80         4         1347         +89         30         30           Leon         63         -2         23         -2         0.32         -1.04         3         1283         +43         31         30           Leon         63         -2         23         -2         0.32         -1.04         3         1283         +43         31         30           Leon         57         -5         23         -5         0.64         -0.92         4         1301         +112         31         30           Burlington         53         0         25         -2         0.43												
Allerton         61         -1         23         -3         0.56         -0.75         4         1299         +59         31         31           Beaconsfield         60         -2         23         -3         0.35         -0.76         4         1309         +80         31         30           Chariton         61         -5         22         -3         0.38         -0.98         5         1334         +82         31         30           Indianola         60         -2         21         -4         0.58         -0.80         4         1347         +89         30         30           Leon         63         -2         23         -2         0.32         -1.04         3         1283         +43         31         30           South East District           Bloomfield         57         -5         23         -5         0.64         -0.92         4         1301         +112         31         30           Burlington         53         0         25         -2         0.43         -1.55         3         1232         +79         27         26           Ottumwa         55	Sidney	64	2	25	-1	0.43		1 1	1238	+40	31	29
Beaconsfield         60         -2         23         -3         0.35         -0.76         4         1309         +80         31         30           Chariton         61         -5         22         -3         0.38         -0.98         5         1334         +82         31         30           Indianola         60         -2         21         -4         0.58         -0.80         4         1347         +89         30         30           Leon         63         -2         23         -2         0.32         -1.04         3         1283         +43         31         30           South East District           Bloomfield         57         -5         23         -5         0.64         -0.92         4         1301         +112         31         30           Burlington         53         0         25         -2         0.43         -1.55         3         1232         +79         27         26           Ottumwa         57         -4         24         -2         0.59         -0.84         7         1261         +71         28         27           Washington         55 <td< th=""><th></th><th colspan="11">South Central District</th></td<>		South Central District										
Chariton       61       -5       22       -3       0.38       -0.98       5       1334       +82       31       30         Indianola       60       -2       21       -4       0.58       -0.80       4       1347       +89       30       30         Leon       63       -2       23       -2       0.32       -1.04       3       1283       +43       31       30         South East District         Bloomfield       57       -5       23       -5       0.64       -0.92       4       1301       +112       31       30         Burlington       53       0       25       -2       0.43       -1.55       3       1232       +79       27       26         Ottumwa       57       -4       24       -2       0.59       -0.84       7       1261       +71       28       27         Washington       55       -3       20       -7       0.92       -0.77       9       1376       +151       31       30												
Indianola       60       -2       21       -4       0.58       -0.80       4       1347       +89       30       30         Leon       63       -2       23       -2       0.32       -1.04       3       1283       +43       31       30         South East District         Bloomfield       57       -5       23       -5       0.64       -0.92       4       1301       +112       31       30         Burlington       53       0       25       -2       0.43       -1.55       3       1232       +79       27       26         Ottumwa       57       -4       24       -2       0.59       -0.84       7       1261       +71       28       27         Washington       55       -3       20       -7       0.92       -0.77       9       1376       +151       31       30												
Leon         63         -2         23         -2         0.32         -1.04         3         1283         +43         31         30           South East District           Bloomfield         57         -5         23         -5         0.64         -0.92         4         1301         +112         31         30           Burlington         53         0         25         -2         0.43         -1.55         3         1232         +79         27         26           Ottumwa         57         -4         24         -2         0.59         -0.84         7         1261         +71         28         27           Washington         55         -3         20         -7         0.92         -0.77         9         1376         +151         31         30												
Bloomfield         57         -5         23         -5         0.64         -0.92         4         1301         +112         31         30           Burlington         53         0         25         -2         0.43         -1.55         3         1232         +79         27         26           Ottumwa         57         -4         24         -2         0.59         -0.84         7         1261         +71         28         27           Washington         55         -3         20         -7         0.92         -0.77         9         1376         +151         31         30	-											
Bloomfield57-523-50.64-0.9241301+1123130Burlington53025-20.43-1.5531232+792726Ottumwa57-424-20.59-0.8471261+712827Washington55-320-70.92-0.7791376+1513130		03	-2	23	-2	0.32			1283	+43	31	30
Burlington         53         0         25         -2         0.43         -1.55         3         1232         +79         27         26           Ottumwa         57         -4         24         -2         0.59         -0.84         7         1261         +71         28         27           Washington         55         -3         20         -7         0.92         -0.77         9         1376         +151         31         30	Discusficial											
Ottumwa         57         -4         24         -2         0.59         -0.84         7         1261         +71         28         27           Washington         55         -3         20         -7         0.92         -0.77         9         1376         +151         31         30												
Washington         55         -3         20         -7         0.92         -0.77         9         1376         +151         31         30			-									
			_	-				-				

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2011: AWIS, Inc. All Rights Reserved.