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For Week Ending: September 11, 2011
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Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER INFORMATION CENTER

General: Another week of warm, dry weather pushed harvest progress and crop development, according to the National Agricultural Statistics Service, North Dakota Field Office. Topsoil moisture supplies were rated 2 percent very short, 16 short, 72 adequate, and 10 surplus while subsoil moisture supplies were rated 1 percent very short, 8 short, 76 adequate, and 15 surplus. Statewide, on average, there were 6.9 days suitable for fieldwork.

Crops: The small grain harvest neared completion this week in many areas. As of September 11, barley was 93 percent harvested. Durum wheat was 98 percent turning and 61 percent harvested. Spring wheat was 82 percent harvested. Oats were 88 percent harvested. Canola was 92 percent swathed and 69 percent harvested. Ninety-nine percent of the corn crop had reached the dough stage, behind 100 percent at this point last year but ahead of 90 percent for the five-year average. Corn for silage was 10 percent chopped. Dry edible beans were 99 percent fully podded, 83 percent had lower leaves yellowing, 56 percent were dropping leaves, and 7 percent had been cut. Dry edible peas were 93 percent harvested. Flaxseed was 97 percent turning and 40 percent harvested. As of September 11, forty-eight percent of potatoes had vines killed, and 7 percent were dug. Soybeans were 98 percent fully podded, 48 percent had lower leaves yellowing, and 13 percent had dropped leaves. Seventy-three percent of sunflowers had ray flowers dropped, 32 percent had bracts turned yellow, and 2 percent had bracts turned brown. Other activities during the week included spraying pesticides, cutting hay, and beginning preparations for winter wheat planting.

Livestock: Stockwater supplies were rated 3 percent short, 72 adequate, and 25 surplus. Pasture and range conditions were rated 1 percent very poor, 5 poor, 23 fair, 53 good, and 18 excellent. The second cutting of alfalfa was 95 percent complete. Cutting of other hay was estimated at 95 percent complete.

Crops Harvested
North Dakota: September 11, 2011


Crop and Pasture Condition
North Dakota: September 11, 2011

| Crop | Very poor | Poor | Fair | Good | Excellent |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | (percent) | (percent) | (percent) | (percent) | (percent) |
| Durum wheat.. | - | 5 | 33 | 51 | 11 |
| Canola | - | 6 | 22 | 61 | 11 |
| Corn.. | 2 | 8 | 22 | 53 | 15 |
| Dry edible beans.. | 4 | 11 | 30 | 44 | 11 |
| Flaxseed |  | 6 | 29 | 56 | 9 |
| Potatoes. | 6 | 11 | 23 | 46 | 14 |
| Soybeans. | 2 | 7 | 22 | 55 | 14 |
| Sugarbeets | 2 | 8 | 26 | 57 | 7 |
| Sunflower.. | - | 4 | 21 | 68 | 7 |
| Pasture and range .. | 1 | 5 | 23 | 53 | 18 |

Represents zero.
Crop Progress - North Dakota
(Percentages represent all acreage in or beyond each stage. Progress is based on current intended acreage.)

| Crop | $\begin{array}{\|c} \text { Sept } 11, \\ 2011 \end{array}$ | Sept 4, 2011 | $\begin{gathered} \text { Sept 11, } \\ 2010 \end{gathered}$ | 2006-2010 Average |
| :---: | :---: | :---: | :---: | :---: |
|  | (percent) | (percent) | (percent) | (percent) |
| Barley |  |  |  |  |
| Harvested.. | 93 | 77 | 97 | 95 |
| Durum wheat |  |  |  |  |
| Turning... | 98 | 91 | 100 | 100 |
| Harvested.. | 61 | 32 | 62 | 73 |
| Spring wheat |  |  |  |  |
| Harvested... | 82 | 65 | 84 | 85 |
| Oats |  |  |  |  |
| Harvested.. | 88 | 64 | 94 | 94 |
| Canola |  |  |  |  |
| Swathed... | 92 | 87 | 97 | 95 |
| Harvested.. | 69 | 49 | 66 | 71 |
| Corn, all |  |  |  |  |
| Dough. | 99 | 90 | 100 | 90 |
| Dented. | 68 | 36 | 85 | 65 |
| Mature... | 7 | 1 | 23 | 17 |
| Corn for Silage |  |  |  |  |
| Chopped..... | 10 | 5 | 20 | 25 |
| Dry edible beans |  |  |  |  |
| Fully Podded.. | 99 | 90 | 100 | 96 |
| Lower Leaves Yellowing. | 83 | 56 | 97 | 86 |
| Dropping Leaves | 56 | 23 | 88 | 70 |
| Cut. | 7 | (NA) | 34 | 31 |
| Dry edible peas |  |  |  |  |
| Harvested... | 93 | 79 | 100 | 99 |
| Flaxseed |  |  |  |  |
| Turning.. | 97 | 88 | 100 | 99 |
| Harvested.. | 40 | 19 | 37 | 52 |
| Potatoes |  |  |  |  |
| Vines Killed .... | 48 | 22 | 58 | 60 |
| Dug............... | 7 | 1 | 14 | 18 |
| Soybeans |  |  |  |  |
| Fully Podded.... | 98 | 88 | 100 | 98 |
| Lower Leaves Yellowing....... | 48 | 16 | 69 | 69 |
| Dropping Leaves ................. | 13 | (NA) | 33 | 37 |
| Sugarbeets |  |  |  |  |
| Lifted...... | 2 | - | 9 | 6 |
| Sunflower |  |  |  |  |
| Ray Flowers Dried/Dropped . | 73 | 36 | 86 | 85 |
| Bracts Turned Yellow ........... | 32 | 4 | 54 | 56 |
| Bracts Turned Brown........... | 2 | (NA) | 10 | 19 |

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NORTH DAKOTA CROP WEATHER REPORT, Week Ending September 11, 2011

Soil Moisture Supplies - North Dakota

| Item | $\begin{gathered} \text { Sept } 11, \\ 2011 \end{gathered}$ | $\begin{gathered} \text { Sept 4, } \\ 2011 \end{gathered}$ | $\begin{gathered} \text { Sept } 11, \\ 2010 \end{gathered}$ | $\begin{gathered} 2006-2010 \\ \text { Average } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | (percent) | (percent) | (percent) | (percent) |
| Topsoil |  |  |  |  |
| Very Short. | 2 | 1 | - | 11 |
| Short ......... | 16 | 10 | 10 | 24 |
| Adequate... | 72 | 73 | 77 | 60 |
| Surplus...... | 10 | 16 | 13 | 5 |
| Subsoil |  |  |  |  |
| Very Short. | 1 | - | 1 | 14 |
| Short ......... | 8 | 4 | 11 | 27 |
| Adequate... | 76 | 73 | 75 | 55 |
| Surplus...... | 15 | 23 | 13 | 4 |

- Represents zero.

Topsoil Moisture Supplies North Dakota, September 11, 2011


Weather: Temperatures were above normal statewide. Precipitation was below normal across the state. Monday was dry with highs in the 70s to 80s. Highs on Tuesday were in the 70 s to low 90 s with dry conditions.
Wednesday was dry with highs in the 80s. Thursday and Friday were dry with highs in the 80 s to low 90 s. Highs on Saturday were in the 80 s with dry conditions. Sunday was dry with highs in the mid-80s to low 90s.

Outlook, September 12-18: Temperatures will be near normal. Precipitation will be below normal across much of the state. High temperatures will be in the mid-60s to mid-70s with a chance of showers in the north. There will be a chance of showers in the north central, northeast and parts of the southwest on Tuesday with highs in the upper 50 s to 60 s. Wednesday will be dry with highs in the 50 s . Highs on Thursday will be in the mid- 50 s to low 60 s with dry conditions. Friday will be dry with highs in the mid-60s to mid-70s. There will be a chance of showers across much of the state on Saturday with highs in the upper 60s to mid-70s. The chance of showers will continue in the east on Sunday with highs in the 70s.

Temperature \& Precipitation: Districts and Stations
North Dakota, Week ending September 11, 2011

| District Averages | Average Temperature |  | Seasonal Precipitation Beginning April 1 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Past Week | Depart Normal ${ }^{2}$ | Past Week | Total | Depart Normal ${ }^{2}$ |
|  | (degrees F) | (degrees F) | (inches) | (inches) | (inches) |
| Northwest(1) | 68 | 9 | 0.00 | 15.31 | 3.71 |
| N. Central(2) | 66 | 8 | 0.00 | 13.77 | 0.98 |
| Northeast (3) | 65 | 6 | 0.00 | 13.39 | 0.66 |
| W. Central(4) | 67 | 7 | 0.00 | 14.97 | 3.35 |
| Central (5) | 65 | 4 | 0.00 | 16.23 | 3.75 |
| E. Central(6) | 66 | 6 | 0.00 | 17.07 | 2.99 |
| Southwest(7) | 66 | 5 | 0.00 | 14.83 | 3.82 |
| S. Central(8) | 65 | 4 | 0.00 | 15.93 | 3.94 |
| Southeast(9) | 65 | 4 | 0.00 | 17.02 | 3.08 |

[^1]Temperature \& Precipitation: Districts and Stations North Dakota, Week ending September 11, 2011

| Stations by District | Temperature past week |  | Seasonal precipitation beginning April $1^{1}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | High | Low | Past week | Total | Depart normal ${ }^{2}$ |
|  | (degrees F) | (degrees F) | (inches) | (inches) | (inches) |
| (1) Bowbells.. | 87 | 51 | 0.00 | 15.52 | 3.40 |
| Williston ........ | 88 | 48 | 0.00 | 13.17 | 3.53 |
| Mohall. | 88 | 46 | 0.00 | 16.21 | 3.98 |
| Minot. | 87 | 51 | 0.00 | 16.35 | 3.95 |
| (2) Baker. | 87 | 44 | 0.00 | 14.79 | 2.49 |
| Bottineau. | 89 | 42 | 0.00 | 13.01 | -0.16 |
| Rugby.. | 87 | 47 | 0.00 | 13.50 | 0.60 |
| (3) Cando ............ | 88 | 45 | 0.00 | 13.43 | 1.80 |
| Cavalier .......... | 92 | 45 | 0.00 | 13.47 | 0.31 |
| Forest River. | 88 | 45 | 0.00 | 14.26 | 1.60 |
| Grand Forks.... | 88 | 42 | 0.00 | 14.75 | 1.82 |
| Langdon . | 84 | 44 | 0.00 | 9.44 | -3.90 |
| St. Thomas | 86 | 43 | 0.00 | 15.01 | 2.35 |
| (4) Hazen............. | 88 | 47 | 0.00 | 17.44 | 5.71 |
| Turtle Lake...... | 87 | 46 | 0.00 | 11.69 | -0.52 |
| Watford City.... | 89 | 50 | 0.00 | 15.77 | 4.87 |
| (5) Carrington ....... | 87 | 46 | 0.00 | 18.37 | 4.30 |
| Harvey .. | 87 | 44 | 0.00 | 11.74 | 0.98 |
| Jamestown | 85 | 41 | 0.00 | 17.61 | 4.70 |
| Robinson. | 85 | 46 | 0.00 | 15.32 | 3.22 |
| Streeter. | 86 | 46 | 0.00 | 18.10 | 5.54 |
| (6) Dazey............. | 87 | 42 | 0.00 | 16.91 | 2.76 |
| Fargo.. | 89 | 49 | 0.00 | 16.92 | 3.10 |
| Hillsboro | 89 | 42 | 0.00 | 17.37 | 3.12 |
| (7) Beach............. | 88 | 44 | 0.00 | 14.05 | 3.50 |
| Bowman ....... | 87 | 42 | 0.00 | 17.88 | 7.23 |
| Dickinson. | 86 | 48 | 0.00 | 13.83 | 2.22 |
| Hettinger........ | 87 | 46 | 0.00 | 13.55 | 2.34 |
| (8) Mandan ........... | 86 | 43 | 0.00 | 17.82 | 5.39 |
| Linton.. | 86 | 45 | 0.00 | 14.04 | 2.50 |
| (9) Edgeley ........... | 86 | 45 | 0.00 | 16.22 | 2.50 |
| Oakes............ | 86 | 44 | 0.00 | 16.48 | 3.37 |
| Wyndmere ...... | 87 | 45 | 0.00 | 18.35 | 3.38 |

[^2]
[^0]:    Represents zero. (NA) Not available

[^1]:    ${ }^{1}$ Precipitation amounts may vary due to an inaccurate snowfall melt.
    ${ }^{2}$ Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center

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