Frost and Hail Reported; Crop Damage Minimal

Several areas of Wisconsin reported frost this past week. There were watches on many of the cranberry marshes. Other areas saw near normal temperatures during the day and near freezing temperatures at night. All of the planted crops seemed to have handled the cold well. Some northern areas of the state reported hail, but little to no crop damage was reported due to slow emergence of crops. Conditions have been somewhat dry in most areas, with a large amount of forecasted rain not actually falling. The rain that did fall helped crop emergence, but warmer weather is needed to escalate growth.

Average high temperatures were in the high 60s to low 70s, and average low temperatures ranged from 43 to 48 degrees. Precipitation totals last week ranged from 0.53 inches in Green Bay to 1.53 inches in La Crosse. Soil moisture conditions were at 2 percent very short, 9 percent short, 78 percent adequate, and 11 percent surplus. There was an average of 5.2 days suitable for fieldwork last week.

Corn planting neared completion with 92 percent planted and 57 percent emerged. One eastern county reported corn in the 2 to 3 leaf stage, but still in need of warmer temperatures. Corn condition was rated as 1 percent very poor, 3 percent poor, 25 percent fair, 61 percent good, and 10 percent excellent.

Soybeans continued to progress, with planting reported at 77 percent complete and emergence at 25 percent.

Oats were reported as 98 percent planted and 86 percent emerged, although less than 1 percent was headed. Oat condition was rated as 1 percent very poor, 3 percent poor, 16 percent fair, 66 percent good, and 14 percent excellent.

First cutting hay was reported at 12 percent harvested. Conditions were varied across the state. Some areas reported alfalfa harvest underway with plentiful yields, while other areas reported growth to be behind schedule due to cooler temperatures and lack of recent rain.

Spring tillage was reported at 95 percent complete. Producers are reporting that tillage was difficult this year due to the cold soils and clumping in heavy clay areas.

Winter wheat conditions were reported at 1 percent very poor, 3 percent poor, 24 percent fair, 49 percent good, and 23 percent excellent.

Early peas began to bloom and snap beans were up. Kidney beans were being planted. Potato planting was almost finished. Some rye was harvested for silage.

Wisconsin Crop Progress, June 1, 2008

<table>
<thead>
<tr>
<th>Crop and percent of acreage</th>
<th>District average</th>
<th>State average</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NW</td>
<td>NC</td>
</tr>
<tr>
<td>Corn planted</td>
<td>88</td>
<td>90</td>
</tr>
<tr>
<td>Corn emerged</td>
<td>37</td>
<td>36</td>
</tr>
<tr>
<td>Soybeans planted</td>
<td>54</td>
<td>73</td>
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<tr>
<td>Soybeans emerged</td>
<td>13</td>
<td>20</td>
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<tr>
<td>Oats emerged</td>
<td>76</td>
<td>68</td>
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</table>

Source: USDA, NASS, Wisconsin Field Office.
Quotes from Farm Reporters and County Ag Agents

BARRON-T.J.: Harvesting of first cutting alfalfa began this weekend.

BAYFIELD-S.S.: We received 0.40 inches of rain. It will be enough moisture to sprout the grain crops. Hay crops need much more moisture to begin a good growth. We had ice on the water the last few mornings.

MARATHON-M.K.: We received 2.5 inches of rain for the week. Hay is late this year.

VILAS-L.K.: Severe hail on Sunday brought over 1.0 inch of rain which was badly needed. There was no crop damage as no crops were emerged.

LANGLADE-A.K.: Hay looks very nice but needs to grow considerably yet. Corn is up. Soybeans are planted, but some fields got washed away on Sunday. We need warmer temperatures and sunshine.

OCONTO-K.H.: A couple of big, local farms using custom harvesters have begun harvesting first cutting hay. I have not heard of yields or quality, but the alfalfa looks shorter than usual for first cutting. Planting is about all wrapped up.

DUNN-S.S.: Planting has been in full swing but is coming to an end. Everything is behind because of the cold weather. We need some warm weather. Have not seen any cutting of hay as of yet, probably next week with weather permitting.

MORROE-W.D.: This past week was great for finishing oats and corn. We are starting soybeans and getting some spraying done. Recent rains should help all crops to emerge. We need some heat. Hay is getting ripe. Most grasses are headed and alfalfa is in the pre-bud stage.

WOOD-F.M.: Planting of oats, corn and soybeans is completed thanks to great weather. Hay crop growth is slow due to cool nights. There are a lot of dandelions. Oat fields are greening-up. There are not many corn rows showing up yet.

CALUMET-B.L.: Corn is in the 2-3 leaf stage and much is yellow due to cool temperatures. About 1,000 acres of first cutting hay is down and harvested. Scissor cuttings are showing that this next week will be prime time for yield and quality. Producers are stating that tillage was difficult this year with cold soils and clumping in our heavy clay soils.

FOND DU LAC-E.A.: Planting is mostly done in this area. Too cold and dry for crops to emerge and grow. Cutting of first crop alfalfa is going on now, and it seems to be a good crop.

CRAWFORD-V.H.: Slow start but things are looking great, little winter injury.

GRANT-E.B.: Had 1.0 inch of rain on Sunday and 2.0 inches on Friday. The corn seems to be coming up uneven. Hopefully, a few warm sunny days will help.

DANE-D.R.: This has been a satisfactory week for fieldwork. Corn and soybean planting is in full swing. Crop emergence is slow due to cool soil temperatures. Alfalfa is being harvested. Frost held back crop emergence. We need some rain.

GREEN-F.Z.: Crops are doing well. Some corn will be about knee high by the 4th of July. Lots of hay is being made. Have adequate rain; now just need some warmer temperatures.

RACINE-R.S.: Planting is finally beginning to wrap up. There are still several water holes with water in them, but farmers are able to do tillage work right up to the water without getting too much mud. Several wheat fields were plowed under this spring and planted to corn due to winterkill issues in this area. Saw a few hayfields cut this weekend. If weather holds this week, I am sure we will see a lot more in the next few days.

WASHINGTON-R.B.: On Friday, hay was cut and there were some bare spots in the fields. Corn froze on Wednesday in the lower fields. Wheat has started to head out but the plants are very short. Soybeans are slow emerging.

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Wisconsin Weekly Weather, Selected Cities, Ending as of 7:00 a.m. on June 1, 2008

<table>
<thead>
<tr>
<th>City</th>
<th>Temperature</th>
<th>Growing degree days (modified base 50)</th>
<th>Precipitation</th>
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<tr>
<td></td>
<td>Avg. max.</td>
<td>Avg. min.</td>
<td>High max.</td>
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<tr>
<td>Eau Claire</td>
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<tr>
<td>Milwaukee</td>
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1/Formula used: GDD = (daily maximum (86°) + daily minimum (50°))/2-50°; where 86° is used if the maximum exceeds 86° and 50° is used if the minimum falls below 50°. *Normal based on 1971-2000 data. Source: NCEP/NOAA Climate Prediction Center <http://www.cpc.ncep.noaa.gov>. n.a. = not available. T = trace. Source: USDA, NASS, Wisconsin Field Office.