Varying amounts of rain fell across the entire state last week. The heaviest band of rainfall occurred from the west central part of the state up to the northeast corner, including the peninsula, while the northwest corner continued to receive the least moisture. Farmers were busy spraying, planting, and harvesting hay last week when weather permitted. Statewide, soil moisture conditions measured as short or very short were reported at 15%, compared to 31% a week ago. Across the reporting stations, precipitation totals ranged from 2.23 inches in LaCrosse to 0.51 inches in Madison and Milwaukee. Average temperatures last week were 2 to 5 degrees below normal. Average high temperatures ranged from 63 to 69 degrees, while average low temperatures ranged from 46 to 50 degrees. On average, there were 4.5 days suitable for fieldwork. If you are interested in further weather data, please reference the following sites:

http://www.noaa.gov/
http://www.aos.wisc.edu/~sco/
http://www.cocorahs.org/
http://www.weather.gov/

Corn planting was wrapping up across the state with 94 percent complete. Corn emergence jumped 29 percentage points from last week, with 71 percent emerged. The crop was reported to be looking good, and growers were looking for some warmer temperatures to help accelerate growth.

Soybeans planted were 79 percent complete, while soybeans emerged were 40 percent complete. Moisture last week aided in the emergence of soybeans across many fields that were getting dry. Reporters stated that warmer temperatures in the coming days would help promote emergence and crop development.

Oats emergence was nearly finished at 96 percent complete. There were very few oats headed yet, with a small amount reported in the southern and west central parts of the state. The cooler temperatures benefitted oats and other small grain crops.

First cutting hay was reported as 19 percent complete, up from 5 percent a week ago. Hay cutting was in full swing early last week across the state until rainfall delayed it for many. Farmers were waiting for wet hay fields to dry and were expecting a good crop from these fields when they do. A few fields were cut for hay and were being planted to other crops.

Apple trees are in full bloom across the state.
**Wisconsin Crop Progress**

**Quotes from Farm Reporters and County Ag Agents**

**BARRON-T.J.:** We had scattered frost throughout the county last Sunday morning. The growing point for most corn is still below ground so most corn plants will survive the frost, but they will be set back some. We are below the 30 year average for precipitation since April 1st of this year. We need rain now.

**CHICHEWA-R.M.:** We are all done planting oats, corn and soybeans. The soil is dry; we could use some rain. **CLARK-R.H.:** I thought most of the planting was done and then a crop of hay is removed and something is getting planted. Corn and soybean planting is wrapping up and some hay is beginning to be cut. PEAQ stick is about 180 and scissor clips 190-230 RFV. Yields look good. With all the rain this week crops are growing well. Tilled soils are wet and weeds are emerging in corn fields and will need to be addressed shortly.

**LANGLADE-A.K.:** All crops are emerging very well, populations look very good. The rain on Tuesday and Wednesday was a slow soaking rain. Hay is excellent but short. Next week we should be cutting hay.

**SHAWANO-T.A.:** The mild spring weather with good moisture has set the cropping season into motion. Row crops look good, and the hay crop looks very solid. Chances are good that we will be able to rebuild forage inventories this season.

**BUFFALO-R.S.:** The real change for the week was the rain, all crops responded well. Fields are too wet for hay harvesting or spraying. Alfalfa is just starting to show buds. Looks like a lot of hilly hay ground has been planted to corn and soybeans.

**ST. CROIX-L.M.:** We need rain. Some corn is still being planted following first crop hay. Yield of first crop hay was quite variable. In general it appears to be less than normal.

**WAUPACA-D.L.H.:** Recent rains have replenished the soil moisture. First crop hay appears to be excellent.

**WOOD-M.L.:** Most crops are planted. The plentiful rain was needed but has postponed a lot of hay making.

**BROWN-M.H.:** Corn is emerging and looking good. The rain has brought hay harvesting to a screeching halt. When things dry out, the hay crop should be excellent, possibly a little mature. New seeding continues to look real good also.

**DOOR-J.M.:** Apples trees are in full bloom. We received rain on Tuesday and Wednesday. All fieldwork was shut down due to the rain.

**GRANT-R.S.:** We received a little rain this week which was needed. Corn and soybeans are going good. Alfalfa is looking good. Some hay was made, but not enough sun this week.

**IOWA-S.M.:** Corn and soybeans are looking good. The alfalfa crop looks excellent. Quality is excellent, 160-170 RFV. There is good control of weeds in most fields.

**DANE-C.B.:** A lot of crops were planted the past 6 days, allowing everyone to catch up to the five year average. Hay is coming off quickly as corn planting is finishing up. Wet, low areas are drying up and may still get replanted. Light rain this past week broke crust on many fields that would have needed a hoeing.

**DODGE-R.H.:** Saturday thru Tuesday a lot of corn and soybeans were planted. There is no hay cut yet but fields seem to be in excellent shape.

**RACINE-R.S.:** Spring planting is really wrapping up around here. For the most part farmers are surprised by how much corn they could get in. Hard to believe this time last month we had nothing in the ground. The next project is hay.

**WAUKESHA-D.W.:** Corn planting is almost done. There are still some wet spots in some fields. Hayfields will soon be harvested. Soybeans are being planted at a fast pace.

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**Wisconsin Weekly Weather, Selected Cities, Ending as of 7:00 a.m. on May 31, 2009**

<table>
<thead>
<tr>
<th>City</th>
<th>Temperature</th>
<th>Growing degree days (modified base 50)</th>
<th>Precipitation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Avg. max.</td>
<td>Avg. min.</td>
<td>High max.</td>
</tr>
<tr>
<td>Eau Claire</td>
<td>69</td>
<td>48</td>
<td>75</td>
</tr>
<tr>
<td>Green Bay</td>
<td>64</td>
<td>46</td>
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<tr>
<td>La Crosse</td>
<td>69</td>
<td>50</td>
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<tr>
<td>Madison</td>
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<tr>
<td>Milwaukee</td>
<td>63</td>
<td>49</td>
<td>76</td>
</tr>
</tbody>
</table>

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.