

Nebraska Wheat Crop Report

May 5, 2021

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USDA Crop Progress Report for the week ending May 3, 2021

Topsoil moisture supplies rated 7% very short, 23% short, 68% adequate, and 2% surplus. Subsoil moisture supplies rated 11% very short, 26% short, 62% adequate, and 1% surplus. Winter wheat condition rated 6% very poor, 12% poor, 40% fair, 39% good, and 3% excellent.

Northern Panhandle

The northern panhandle experienced cooler temperatures the first half of the week, with nights dropping into the upper 20's. The freezing is not expected to hurt the crop, just burn back the leaves. Producers also reported no rainfall in the past week, and soil moisture levels to be extremely low. The wheat crop is progressing into the later stages of tillering with jointing projected to start within a week. It currently is standing anywhere from 6-10" tall and is looking adequate compared to the weather conditions. Timely rains will be needed to help the crop throughout the growing season.

| Weather Temperatures - Alliance, NE | | | | | | | |
|-------------------------------------|-----|-----|-----|-----------------------------|------|------|------|
| May | 6th | 7th | 8th | 9th | 10th | 11th | 12th |
| High | 70 | 79 | 65 | 56 | 50 | 57 | 67 |
| Low | 39 | 48 | 35 | 34 | 35 | 35 | 41 |
| - 4" soil moisture: 13-31% | | | | - 20" soil moisture: 13-25% | | | |
| - 10" soil moisture: 17-27% | | | | - 40" soil moisture: 6-18% | | | |

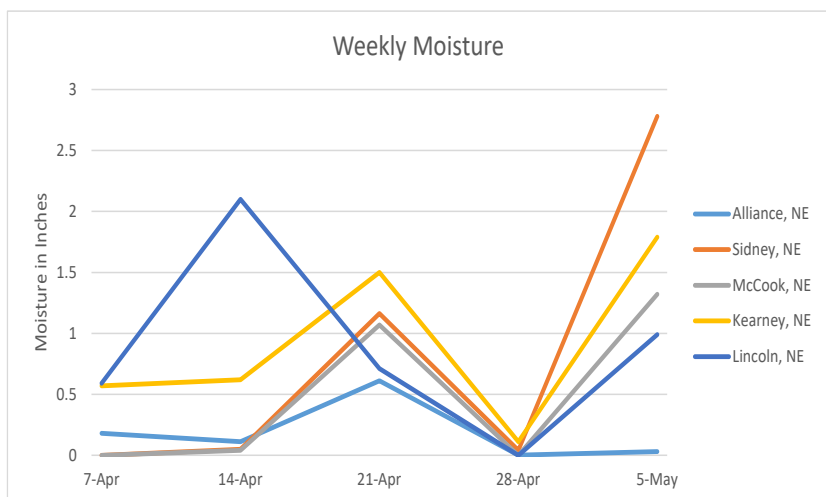
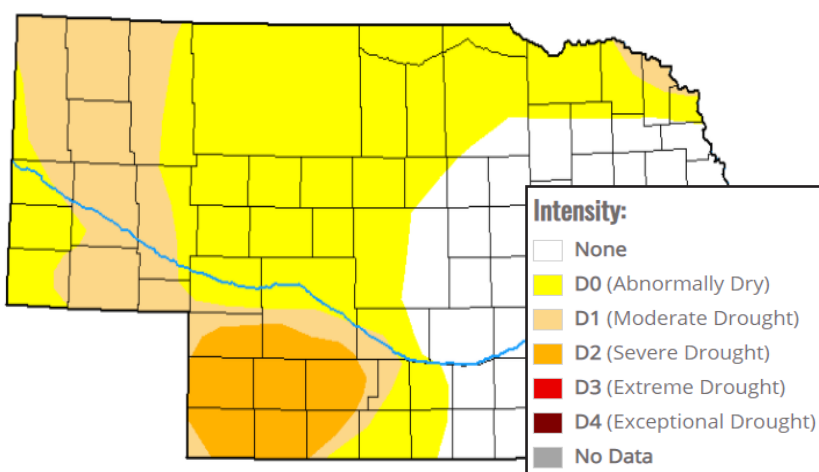
Southern Panhandle

Producers in the southern panhandle were blessed with a good rain over the weekend, with areas capturing anywhere from .25-1.50" of moisture. The rain paired well with a good warm up to really progress the wheat along. The wheat in the area varies in size, anywhere from 3-6" tall depending on its planting and emergence dates. There are still reports of thin stands in the fields, but overall most of the wheat came through the spring season well. Producers are beginning to wrapping up spraying in the upcoming days and will begin scouting for diseases and pests. Overall, the early doubts of the wheat crop are being replaced with a good stand and optimism for the rest of the season, though continued rains will definitely play a key role.

| Weather Temperatures - Sidney, NE | | | | | | | |
|-----------------------------------|-----|-----|-----|----------------------------|------|------|------|
| May | 6th | 7th | 8th | 9th | 10th | 11th | 12th |
| High | 70 | 80 | 69 | 54 | 49 | 59 | 67 |
| Low | 40 | 50 | 37 | 36 | 36 | 37 | 42 |
| - 4" soil moisture: 7-34% | | | | - 20" soil moisture: 8-32% | | | |
| - 10" soil moisture: 24-38% | | | | - 40" soil moisture: 9-30% | | | |

Nebraska Drought Monitor

Released: April 29, 2021



Southwest

The wheat crop in the southwest experienced a good rainfall this past week with areas receiving anywhere from .50-2.0" of moisture. Producers are reporting that the southern fields are in excellent condition but start to lose condition the further north you travel, with some fields thinning out to about 70% stands. The crop is expected to hit the flag leaf stage by next week which will send producers back into the fields for a fungicide application. The soil moisture ranges from adequate to poor depending on the location in the region. The spring wheat currently has a great stand and good moisture. Overall, the crop has progressed over the past week and is appearing more promising as we move further into spring.

| Weather Temperatures - McCook, NE | | | | | | | |
|-----------------------------------|-----|-----|-----|-----------------------------|------|------|------|
| May | 6th | 7th | 8th | 9th | 10th | 11th | 12th |
| High | 71 | 80 | 74 | 60 | 57 | 62 | 70 |
| Low | 46 | 51 | 41 | 41 | 41 | 43 | 47 |
| - 4" soil moisture: 18-37% | | | | - 20" soil moisture: 14-33% | | | |
| - 10" soil moisture: 21-33% | | | | - 40" soil moisture: 11-30% | | | |

South Central

Producers in south central Nebraska are reporting a shortage of moisture. After receiving less than .50" over Sunday evening, the ground was dry and producers were back in the field the following day. The soil moisture is lacking and needs replenished. The earlier planted wheat has reached jointing stage while the later planted wheat is trailing. The variance in progression is likely to make harvest drawn out longer than normal. The condition has improved over the past week however as it is filling out and greening up.

| Weather Temperatures - Kearney, NE | | | | | | | |
|------------------------------------|-----|-----|-----|-----------------------------|------|------|------|
| May | 6th | 7th | 8th | 9th | 10th | 11th | 12th |
| High | 66 | 69 | 66 | 59 | 57 | 59 | 67 |
| Low | 44 | 50 | 42 | 39 | 42 | 44 | 45 |
| - 4" soil moisture: 21-38% | | | | - 20" soil moisture: 26-40% | | | |
| - 10" soil moisture: 31-38% | | | | - 40" soil moisture: 29-40% | | | |

Southeast

The wheat crop in southeast Nebraska received some moisture over the weekend, with areas receiving anywhere between .20-1.25" of rain. The topsoil is starting to lose some of its moisture, but the subsoil is still saturated. The wheat has reached Feekes 7 and is close to producing the flag leaf. Producers are expecting disease to appear as Oklahoma and central Kansas have both had reports of stripe rust. Fungicide applications will be going on as soon as the flag leaf emerges. Overall, the crop is looking good and should have enough moisture for the near term.

| Weather Temperatures - Lincoln, NE | | | | | | | |
|------------------------------------|-----|-----|-----|-----------------------------|------|------|------|
| May | 6th | 7th | 8th | 9th | 10th | 11th | 12th |
| High | 66 | 70 | 70 | 59 | 62 | 63 | 68 |
| Low | 42 | 52 | 46 | 44 | 46 | 47 | 48 |
| - 4" soil moisture: 14-31% | | | | - 20" soil moisture: 31-40% | | | |
| - 10" soil moisture: 30-38% | | | | - 40" soil moisture: 30-38% | | | |

Winter Wheat Condition



Wheat at sunrise near Hemingford, NE

