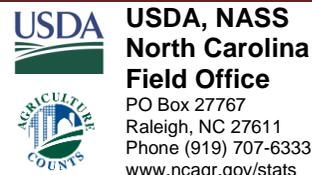


# North Carolina Weather & Crops Report

Released: February 22, 2021



## CROP SUMMARY FOR THE WEEK ENDING FEBRUARY 21, 2021

### DAYS SUITABLE FOR FIELD WORK

| This Week | Last Week | Last Year | 5-Year Avg. |
|-----------|-----------|-----------|-------------|
| 1.0       | N/A       | N/A       | N/A         |

### SOIL MOISTURE PERCENT

|                  | VS | ST | A  | SS |
|------------------|----|----|----|----|
| Subsoil Moisture | 0  | 1  | 28 | 71 |
| Topsoil Moisture | 0  | 0  | 14 | 86 |

VS= Very Short ST = Short A = Adequate SS = Surplus

### CROP PROGRESS PERCENT – WITH COMPARISONS

| This Week | Last Week | Last Year | 5 Yr. Avg. |
|-----------|-----------|-----------|------------|
|-----------|-----------|-----------|------------|

### CROP CONDITION PERCENT

|         | VP | P  | F  | G  | EX |
|---------|----|----|----|----|----|
| Barley  | 0  | 12 | 65 | 20 | 3  |
| Oats    | 2  | 21 | 62 | 15 | 0  |
| Pasture | 1  | 8  | 45 | 46 | 0  |
| Wheat   | 5  | 19 | 44 | 28 | 4  |

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

### OBSERVATIONS FROM THE FIELD

Conditions have been muddy and messy. It is still a muddy mess. – FORSYTH, STOKES, SURRY

The weather has been extremely wet and cold. Small grain crops are looking very thin. Tobacco greenhouses are being seeded this week. Farmers are hopeful for a successful 2021 season. – FRANKLIN, HALIFAX, NASH

Conditions are very wet. Small grains are in need of nitrogen, but unless there is a break in the rainfall application will be difficult. – HARNETT, JOHNSTON, WAKE, WAYNE, WILSON

Fields are extremely wet. Most of the wheat is showing nutrient deficiency symptoms (yellow, purple, and red coloring) due to the extreme moisture and lack of sun. – UNION

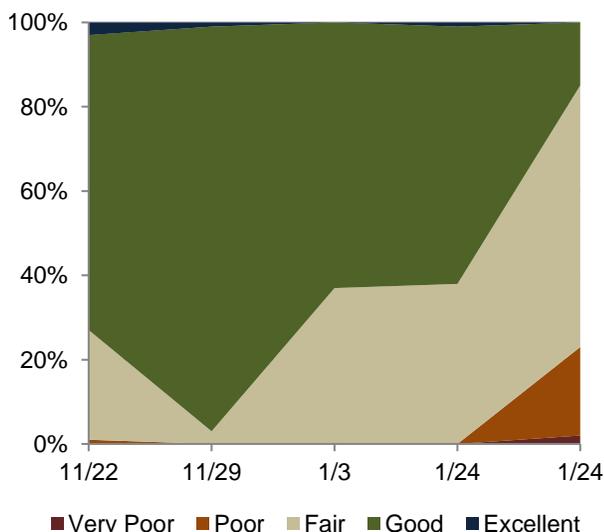
Frequent and abundant rainfall have soils saturated and is negatively affecting wheat. The wet conditions are preventing fieldwork. The area is in need of drying conditions. – PASQUOTANK

The area has been extremely wet. Growers essentially were not able to or had difficulty engaging in field activities in February. – WILSON

February was very wet. These conditions prevented a majority of field preparations to take place. Tobacco greenhouses have been seeded. Saturated soil and cool wet conditions have delayed winter wheat growth, growth. However, the wheat crop mostly still looks ok with only minor yellowing. – BLADEN

Non-stop rains since January 1, 2021 have kept all fields in Pender County continually saturated. Little to no winter weed-control work is taking place. The wheat crop is dangerously low on mid-winter nutrients and tiller counts are poor. Cold weather, lack of sunshine and rain are leaving pastures in poor condition. There is little winter forage growth. Strawberry plants are growing slowly due to lack of sunshine, but warmer temperatures in next week's forecast should help. Blueberry bushes have stayed dormant, which will help reduce the risk of frost or freeze injury. This will also reduce the need to run frost protection equipment in late February, as was necessary in 2020. – PENDER

### OAT CONDITION



### TOPSOIL MOISTURE PERCENT



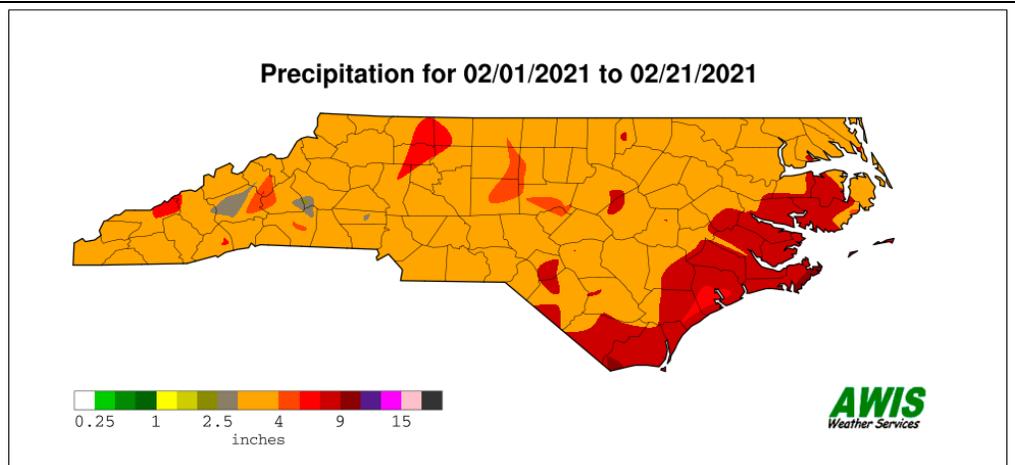
**WEATHER SUMMARY FOR THE WEEK ENDING FEBRUARY 21, 2021 <sup>1</sup>**

| Location            | Precipitation (Inches) |                       |              |                       | Temperature (Degrees F.) |     |      |                       |    | Degree Days (YTD) |
|---------------------|------------------------|-----------------------|--------------|-----------------------|--------------------------|-----|------|-----------------------|----|-------------------|
|                     | This Month             |                       | Year to Date |                       | This Month               |     |      |                       |    |                   |
|                     | Total                  | Departure from Normal | Total        | Departure from Normal | High                     | Low | Avg. | Departure from Normal |    |                   |
| Asheboro Airtort    | 5.02                   | 2.12                  | 8.92         | 2.32                  | 63                       | 22  | 37   | -4                    | 2  |                   |
| Asheville Municipal | 3.48                   | 0.65                  | 6.45         | -0.44                 | 64                       | 20  | 35   | -3                    | 21 |                   |
| Boone               | 2.53                   | -0.51                 | 4.81         | -2.20                 | 52                       | 16  | 31   | 0                     | 0  |                   |
| Burlington AP       | 4.75                   | 2.05                  | 7.82         | 1.62                  | 68                       | 21  | 39   | -1                    | 7  |                   |
| Charlotte           | 4.79                   | 2.18                  | 8.27         | 1.66                  | 67                       | 20  | 40   | -4                    | 12 |                   |
| Clayton WTP         | 7.56                   | 4.59                  | 13.20        | 6.67                  | 66                       | 23  | 42   | 1                     | 15 |                   |
| Clinton 2NE         | 6.22                   | 3.48                  | 12.65        | 5.88                  | 64                       | 21  | 40   | -4                    | 20 |                   |
| Elizabeth City      | 6.56                   | 4.30                  | 12.18        | 5.34                  | 69                       | 24  | 40   | -3                    | 26 |                   |
| Elizabethtown NC    | 6.36                   | 3.75                  | 11.14        | 4.75                  | 68                       | 26  | 42   | -2                    | 47 |                   |
| Erwin AP            | 6.22                   | 3.22                  | 11.11        | 4.44                  | 64                       | 26  | 40   | -1                    | 9  |                   |
| Fayetteville AP     | 5.63                   | 2.84                  | 10.94        | 4.41                  | 68                       | 23  | 41   | -2                    | 25 |                   |
| Frisco              | 8.95                   | 6.01                  | 13.48        | 4.70                  | 63                       | 32  | 45   | -1                    | 59 |                   |
| Gastonia-Gaston     | 4.85                   | 2.01                  | 8.49         | 1.55                  | 69                       | 24  | 42   | 0                     | 18 |                   |
| Goldensboro AFB     | 6.60                   | 3.91                  | 12.24        | 5.01                  | 69                       | 24  | 40   | -5                    | 20 |                   |
| Greensboro AP       | 5.51                   | 3.20                  | 8.30         | 2.45                  | 64                       | 22  | 36   | -4                    | 3  |                   |
| Greenville Airport  | 6.37                   | 3.53                  | 11.19        | 4.13                  | 68                       | 23  | 39   | -4                    | 14 |                   |
| Hickory             | 3.92                   | 1.08                  | 7.43         | 0.36                  | 65                       | 24  | 38   | -3                    | 3  |                   |
| Jacksonville AP     | 6.21                   | 3.53                  | 10.96        | 3.78                  | 71                       | 27  | 43   | -3                    | 65 |                   |
| Jacksonville EOC    | 8.60                   | 5.92                  | 13.77        | 6.59                  | 69                       | 23  | 42   | -4                    | 52 |                   |
| Jefferson 2E        | 3.35                   | 0.66                  | 6.33         | 0.33                  | 55                       | 14  | 31   | -2                    | 3  |                   |
| Kinston Airport     | 6.68                   | 4.07                  | 11.71        | 4.80                  | 68                       | 21  | 40   | -6                    | 32 |                   |
| Louisburg           | 5.72                   | 2.80                  | 10.11        | 3.51                  | 65                       | 18  | 37   | -2                    | 3  |                   |
| Maxton              | 7.62                   | 4.66                  | 13.71        | 6.80                  | 68                       | 23  | 43   | -1                    | 32 |                   |
| Mt Airy 2W          | 4.27                   | 1.74                  | 7.33         | 1.53                  | 63                       | 21  | 36   | -1                    | 0  |                   |
| New Bern            | 7.01                   | 4.18                  | 12.29        | 4.69                  | 71                       | 25  | 43   | -3                    | 51 |                   |
| North Wilkesboro    | 4.64                   | 1.69                  | 8.00         | 1.36                  | 63                       | 22  | 37   | 0                     | 2  |                   |
| Oxford AP           | 6.31                   | 3.63                  | 10.08        | 3.89                  | 60                       | 16  | 35   | -5                    | 0  |                   |
| Raleigh             | 6.52                   | 3.96                  | 11.43        | 4.85                  | 65                       | 23  | 38   | -4                    | 2  |                   |
| Reidsville 2NW      | 5.04                   | 2.52                  | 8.80         | 2.72                  | 64                       | 18  | 36   | -3                    | 2  |                   |
| Roanoke Rap Dam     | 7.02                   | 4.23                  | 11.38        | 4.83                  | 59                       | 20  | 37   | -2                    | 2  |                   |
| Robbinsville AG     | 4.51                   | 0.06                  | 8.74         | -1.88                 | 69                       | 19  | 38   | -1                    | 21 |                   |
| Rockingham          | 6.29                   | 3.39                  | 12.62        | 5.80                  | 66                       | 26  | 41   | -2                    | 15 |                   |
| Roxboro Airport     | 5.36                   | 2.77                  | 9.18         | 2.95                  | 63                       | 19  | 36   | -3                    | 0  |                   |
| Southern Pines      | 5.89                   | 3.02                  | 10.49        | 3.62                  | 67                       | 22  | 39   | -4                    | 10 |                   |
| Statesville 2NNE    | 4.83                   | 2.07                  | 8.45         | 2.29                  | 65                       | 21  | 37   | -4                    | 3  |                   |
| Tarboro 1S          | 5.82                   | 2.94                  | 11.62        | 4.75                  | 64                       | 22  | 39   | -1                    | 7  |                   |
| Vale Ag 2SW         | 4.35                   | 1.58                  | 8.37         | 1.95                  | 66                       | 20  | 38   | -4                    | 5  |                   |
| Wadesboro Airport   | 4.32                   | 1.34                  | 8.32         | 1.12                  | 66                       | 22  | 40   | -4                    | 10 |                   |
| Washington          | 8.18                   | 5.61                  | 13.47        | 6.79                  | 70                       | 26  | 41   | -2                    | 30 |                   |
| Waynesville 1E      | 4.17                   | 0.96                  | 8.09         | 1.00                  | 64                       | 14  | 35   | -1                    | 15 |                   |
| Whiteville 7NW      | 5.63                   | 2.86                  | 10.08        | 3.49                  | 68                       | 23  | 41   | -5                    | 62 |                   |
| Williamston 1E      | 6.14                   | 3.46                  | 11.99        | 5.23                  | 68                       | 26  | 40   | -3                    | 15 |                   |
| Wilmington AP NC    | 7.18                   | 4.43                  | 10.83        | 3.56                  | 70                       | 28  | 45   | -3                    | 88 |                   |
| Winston-Salem       | 4.58                   | 2.27                  | 7.13         | 1.28                  | 64                       | 21  | 37   | -3                    | 3  |                   |

<sup>1</sup> This data is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

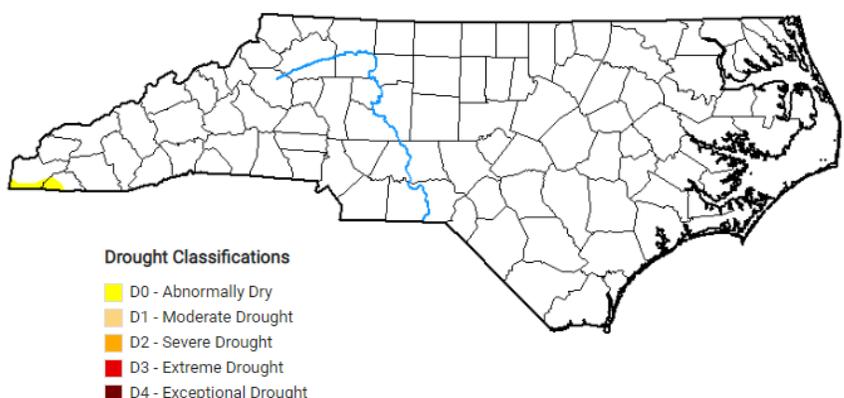
**PRECIPITATION SUMMARY**

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>



**US DROUGHT MONITOR OF NORTH CAROLINA**

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary. <http://www.ncdrought.org/>



Map depicts current drought conditions as of: February 16, 2021.