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Agricultural News: Weather during the month of January has been wet with rain and snow, along with a mix of warm and cold temperatures and windy conditions. Pastures are muddy. Farming activities for the month included monitoring livestock health and preparing for the next growing season.

SOIL MOISTURE and SUPPLIES for week ending 1/29/23

| | Very Short | Short | Adequate | Surplus |
|----------------|------------|-------|----------|---------|
| | % | % | % | % |
| Topsoil | - | 3 | 52 | 45 |
| Subsoil | - | 7 | 79 | 14 |
| Hay & Roughage | - | 9 | 89 | 2 |
| Feed grain | - | 5 | 95 | - |

-Represents zero.

CROP and LIVESTOCK CONDITIONS for week ending 1/29/23

| Crop | Very Poor | Poor | Fair | Good | Excellent |
|-----------------|-----------|------|------|------|-----------|
| | % | % | % | % | % |
| Winter Wheat | - | - | 47 | 48 | 5 |
| Cattle & Calves | - | - | 28 | 65 | 7 |
| Sheep & Lambs | - | - | 28 | 64 | 8 |

- Represents zero.

**January Summary of Weather and Agricultural Conditions
January 2 - January 29, 2023**

The new year began very warm as a front brought southerly and southwesterly wind flow across the region. A few clouds and showers developed across West Virginia as the warm front crossed and moved off to the northeast. Behind the front, temperatures were well above normal, and waves of showers crossed over the State. Through the first three days of the week, temperatures were 20 to 25 degrees over normal. High temperatures reached the mid-70s for some locations and the low temps only dropped into the 40s. Wednesday afternoon a cold front crossed over, bringing in more showers. Temperatures after the front dropped to near normal for this time of year. Over the weekend, waves of instability produced some light snow showers over the mountains, with rain showers in the lowlands. At the end of the week, West Virginia average temperatures were 10 to 15 degrees above normal. **For the week ending January 15th**, mountain clouds dissipated early as high pressure took hold Monday morning. Mostly sunny skies and seasonably cool temperatures dominated. High pressure remained over the region Tuesday. Wednesday began cold and clear, but clouds moved in around noon as the next system approached. Warm temperatures and waves of rain showers began during the afternoon and continued through the night. As the strong low-pressure system approached, the showers became stronger, and a few thunderstorms developed. Most locations received precipitation, and some snow was reported in the higher elevations. The cold front crossed over the State overnight into Friday. After the front, the winds came from the northwest, temperatures dropped, and the rain changed to snow for most locations. Overall, the week began cool, warmed to well above normal ahead of the cold front, and then cooled off again over the weekend. **For the week ending January 22nd**, the seasonably cool and dry weather continued into Monday. During the afternoon, clouds formed as the high pressure moved off to the east and was replaced by a zone of instability ahead of the next front. The trough brought rain showers overnight Monday into Tuesday and mild temperatures. West Virginia dried out by Tuesday afternoon. More precipitation arrived overnight Wednesday ahead of a complex low-pressure system approaching from the west. Thursday morning, a warm front pushed over the region, producing rain and unseasonably warm temperatures. More active weather, along with gusty winds, developed during the afternoon as a cold front crossed over. The unstable weather continued as another cold front passed over early Friday morning. The temperatures behind the front dropped into the 20s and 30s and snow/rain showers continued through the day as instability remained. The weekend was mostly dry and cool. Another disturbance brought rain and snow showers overnight Sunday into Monday. **For the week ending January 29th**, the week began with a few lingering snow showers on Monday. Tuesday was somewhat warmer with a mix of sun and clouds. Another strong low-pressure system passed just north of West Virginia on Wednesday. This system brought a mix of rain, sleet, and snow, as well as strong winds. As the low exited the region, temperatures dropped throughout the day. Thursday was cool and cloudy with scattered rain and snow showers. Another round of light snow showers developed overnight into Friday, but cleared out later in the morning. Friday afternoon had seasonable temperatures with mostly sunny skies. The high pressure continued into Saturday, but pulled away in the afternoon as another wave of instability crossed over. The wave brought rounds of showers overnight and through most of Sunday. The precipitation turned into a wintry mix in several higher locations. Average temperatures were three to ten degrees above normal. Precipitation amounts were near normal.

Week ending 1/8: Williamson had the highest recorded temperature of 76 degrees. Terra Alta had the lowest recorded temperature of 14 degrees. The state average temperature was 44 degrees. Parkersburg had the highest recorded amount of precipitation with 2.07 inches. Moorefield had the lowest recorded amount of precipitation with 0.07 inches. The state average precipitation was 0.55 inches.

Week ending 1/15: Charleston and Williamson had the highest recorded temperature of 68 degrees. Beckley, Marlinton, and Terra Alta had the lowest recorded temperature of 11 degrees. The state average temperature was 33 degrees. Charleston had the highest recorded amount of precipitation with 1.18 inches. Martinsburg had the lowest recorded amount of precipitation with 0.13 inches. The state average precipitation was 0.64 inches.

Week ending 1/22: Williamson had the highest recorded temperature of 69 degrees. Beckley had the lowest recorded temperature of 11 degrees. The state average temperature was 39 degrees. Terra Alta had the highest recorded amount of precipitation with 1.30 inches. Bluefield had the lowest recorded amount of precipitation with 0.41 inches. The state average precipitation was 0.85 inches.

Week ending 1/29: Williamson had the highest recorded temperature of 66 degrees. Marlinton had the lowest recorded temperature of 20 degrees. The state average temperature was 37 degrees. Williamson had the highest recorded amount of precipitation with 1.18 inches. Martinsburg had the lowest recorded amount of precipitation with 0.20 inches. The state average precipitation was 0.73 inches.

Temperature and Precipitation Data for the Week Ending 1/29/23

| Station | Temperature | | | | Precipitation | | | | |
|-----------------------------|-------------|-----|---------|------------------|---------------|------|----------------------|---------------------|---------------|
| | High | Low | Average | Weekly Departure | Week's Total | Norm | Since April 1st 2022 | Same Week Last Year | Season Normal |
| --NORTHWEST | | | | | | | | | |
| WHEELING | 52 | 26 | 37 | 7 | 0.41 | 0.70 | 35.78 | 34.61 | 35.64 |
| PARKERSBURG | 60 | 29 | 40 | 8 | 0.74 | 0.72 | 37.63 | 36.26 | 35.97 |
| CRESTON | 61 | 31 | 41 | | 0.79 | | 33.42 | 31.99 | |
| --NORTHCENTRAL | | | | | | | | | |
| MORGANTOWN | 55 | 27 | 38 | 6 | 0.46 | 0.70 | 39.05 | 41.83 | 36.96 |
| CLARKSBURG | 62 | 30 | 41 | 11 | 0.66 | 0.77 | 38.95 | 31.83 | 38.36 |
| BELINGTON | 58 | 24 | 36 | | 0.79 | | 42.59 | 37.33 | |
| WESTON | 59 | 27 | 37 | | 1.01 | | 45.27 | 40.32 | |
| --SOUTHWEST | | | | | | | | | |
| WILLIAMSON | 66 | 28 | 42 | | 1.18 | | 41.72 | 38.75 | |
| HUNTINGTON | 62 | 29 | 40 | 5 | 0.95 | 0.70 | 34.94 | 44.66 | 37.86 |
| CHARLESTON | 63 | 28 | 40 | 5 | 1.04 | 0.82 | 39.88 | 37.29 | 40.80 |
| RIPLEY | 61 | 31 | 41 | | 0.73 | | 40.54 | 35.32 | |
| --CENTRAL | | | | | | | | | |
| TERRA ALTA | 45 | 27 | 35 | | 0.45 | | 40.46 | 44.94 | |
| ELKINS | 51 | 26 | 35 | 4 | 0.95 | 0.75 | 47.92 | 34.49 | 40.27 |
| MARLINTON | 55 | 20 | 35 | | 0.45 | | 42.47 | 31.26 | |
| --SOUTHERN | | | | | | | | | |
| BECKLEY | 51 | 23 | 35 | 3 | 0.68 | 0.72 | 40.44 | 36.96 | 36.70 |
| PINEVILLE | 54 | 25 | 37 | | 0.97 | | 42.88 | 33.70 | |
| BLUEFIELD | 48 | 24 | 35 | 3 | 1.11 | 0.69 | 45.24 | 33.22 | 34.80 |
| WHITE SUL SP | 52 | 26 | 35 | | 0.87 | | 42.57 | 33.79 | |
| BLUESTONE DAM | 52 | 23 | 35 | | 0.83 | | 35.61 | 27.49 | |
| --NORTHEASTERN | | | | | | | | | |
| MARTINSBURG | 54 | 27 | 38 | 6 | 0.20 | 0.60 | 33.71 | 32.97 | 33.70 |
| KEYSER | 55 | 21 | 36 | | 0.48 | | 28.64 | 27.55 | |
| MOOREFIELD | 57 | 25 | 37 | | 0.26 | | 30.65 | 28.07 | |
| State Average Temperature | 37 | | | | | | | | |
| State Average Precipitation | 0.73 | | | | | | | | |

Source: Weather comments and data - Dept. of Commerce, National Oceanic & Atmospheric Administration National Weather Service, Charleston, WV.

INTERNET ACCESS: ALL National Agricultural Statistics Service (NASS) reports are now available free of charge on the Internet. For access, connect to the Internet and select: <http://www.nass.usda.gov/>.