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**In Cooperation with:**  
U.S. Dept. of Commerce - NOAA  
USDA Farm Service Agency  
WV Cooperative Extension Service  
WV Department of Agriculture

Released: January 24, 2022

Issue: 01-22

**Agricultural News:** Weather during the month of January has been mostly cold with periods of rain and snow. Farming activities for the month included planning for the next growing season.

**SOIL MOISTURE and SUPPLIES for week ending 1/23/22**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	5	88	7
Subsoil	-	8	90	2
Hay & Roughage	-	10	73	17
Feed grain	-	11	74	15

-Represents zero.

**CROP and LIVESTOCK CONDITIONS for week ending 1/23/22**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Winter Wheat	-	-	28	72	-
Cattle & Calves	-	1	35	60	4
Sheep & Lambs	-	2	37	57	4

- Represents zero.

**January Summary of Weather and Agricultural Conditions  
January 3 - January 23, 2022**

**January** began very wet with unseasonably warm temperatures. Cold air arrived on January 2nd just as most of the precipitation moved off to the East. Temperatures dropped and several areas, especially over the mountains, saw snow as the atmosphere fell to below freezing. High pressure took hold on the 3rd with dry and cold conditions across West Virginia through the afternoon on January 5th. Overnight, a dry cold front dropped temperatures to well below normal ahead of a strong system heading into the region late on the 6th. With at or below freezing temperatures, all the precipitation associated with the strong upper level disturbance fell as snow. Generally, from West to East the State received 3 to 10 inches with higher amounts in the mountains. Most of the snow moved out of the region early Friday the 7th, as frigid Canadian air arrived. All stations recorded well below normal temperatures heading into the weekend. Saturday the 8th began very cold with most stations in the single digits to below zero, but warmed into the 40s under high pressure. Sunday, warm southwesterly flow brought saturated Gulf Coast air over West Virginia. Rainfall amounts across the State were over one inch and small stream flooding was reported in some locations. The State began to dry out Monday under high pressure and cold temperatures and remained cool and clear through Wednesday. A weak upper-level disturbance brought in clouds, isolated showers and just over normal temperatures on Thursday the 13th. West Virginia was mostly dry and cool heading into the weekend. As another area of low pressure passed just South of the State on Sunday, the Mountain State experienced a complex combination of rain, ice, sleet, and snow. By Sunday evening, all stations were reporting snow with amounts ranging from 4 inches to 10 inches. The snow continued through Monday with more light accumulation. Temperatures over the weekend were below average. Tuesday, January 18th, remained cool and cloudy. Early Wednesday warmed to above normal as southerly winds pushed over the region ahead of a cold front. Precipitation began as rain for most locations and then turned to snow overnight Wednesday with most locations receiving one to two inches. Thursday was cold with light snow showers as arctic air flowed into the area. High pressure, with clear and cold conditions, dominated much of the weekend. During this time highs were generally in the 20s, with lows in the single digits to just below zero. Light snow, especially across the Northern sections of West Virginia, started Sunday afternoon as another cold system moved in from the Northwest. Most areas received less than a half inch of snow with this clipper. Much of the State was drier than normal.

**Week ending 1/9:** Williamson had the highest recorded temperature of 59 degrees. White Sulphur Springs had the lowest recorded temperature of -6 degrees. The state average temperature was 27 degrees. Terra Alta had the highest recorded amount of precipitation with 2.19 inches. Moorefield had the lowest recorded amount of precipitation with 0.38 inches. The state average precipitation was 1.20 inches.

**Week ending 1/16:** Williamson had the highest recorded temperature of 59 degrees. Terra Alta had the lowest recorded temperature of 3 degrees. The state average temperature was 28 degrees. Marlinton had the highest recorded amount of precipitation with 0.92 inches. Pineville had the lowest recorded amount of precipitation with 0.20 inches. The state average precipitation was 0.55 inches.

**Week ending 1/23:** Keyser had the highest recorded temperature of 54 degrees. Marlinton had the lowest recorded temperature of -8 degrees. The state average temperature was 23 degrees. Pineville had the highest recorded amount of precipitation with 0.95 inches. Wheeling had the lowest recorded amount of precipitation with 0.03 inches. The state average precipitation was 0.53 inches.

**WV drought conditions:** Abnormally dry in the Eastern Panhandle.

**Temperature and Precipitation Data for the Week Ending 1/23/22**

Station	Temperature				Precipitation				
	High	Low	Average	Weekly Departure	Week's Total	Norm	Since April 1st 2021	Same Week Last Year	Season Normal
<b>--NORTHWEST</b>									
WHEELING	46	1	22	-7	0.03	0.81	34.61	23.28	33.28
PARKERSBURG	48	0	23	-9	0.28	0.73	36.26	35.63	34.69
CRESTON	50	1	23		0.91		31.99	41.12	
<b>--NORTHCENTRAL</b>									
MORGANTOWN	47	3	24	-8	0.26	0.70	41.83	29.59	35.52
CLARKSBURG	46	2	23	-7	0.26	0.76	31.83	37.08	38.08
BELINGTON	48	0	22		0.64		37.33	41.34	
WESTON	48	1	22		0.72		40.32	47.42	
<b>--SOUTHWEST</b>									
WILLIAMSON	42	19	29		0.89		38.75	40.79	
HUNTINGTON	44	7	25	-9	0.57	0.70	44.66	36.66	35.34
CHARLESTON	47	13	25	-10	0.67	0.79	37.29	42.71	36.88
RIPLEY	50	4	24		0.88		35.32	37.38	
<b>--CENTRAL</b>									
TERRA ALTA	42	-2	20		0.56		44.94	39.50	
ELKINS	47	-4	21	-9	0.40	0.77	34.49	45.43	38.57
MARLINTON	38	-8	18		0.50		31.26	47.61	
<b>--SOUTHERN</b>									
BECKLEY	41	7	21	-11	0.80	0.71	36.96	41.71	34.73
PINEVILLE	40	16	27		0.95		33.70	41.91	
BLUEFIELD	41	15	25	-7	0.40	0.69	33.22	46.16	33.04
WHITE SUL SP	39	-6	20		0.93		33.79	41.40	
BLUESTONE DAM	43	9	25		0.85		27.49	41.28	
<b>--NORTHEASTERN</b>									
MARTINSBURG	48	3	27	-5	0.05	0.59	32.97	31.23	32.74
KEYSER	54	-3	23		0.10		27.55	32.11	
MOOREFIELD	52	0	25		0.09		28.07	29.05	
State Average Temperature	23								
State Average Precipitation	0.53								

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