



Tennessee Crop Weather

Tennessee Field Office • PO Box 41505 • Nashville, TN 37204 • (615) 781-5300 • www.nass.usda.gov
In Cooperation with Tennessee Department of Agriculture

Issued Monday 3:00 PM; April 16, 2007

Week Ending April 15, 2007

STATE'S CROPS SEVERELY DAMAGED BY MAJOR FREEZE

A major freeze that occurred during the first week of April caused severe damage to the state's corn and wheat crops, as well as fruit crops including apples, peaches, and strawberries. Farmers across the State combed their fields last week in an effort to evaluate the effects of this damaging freeze that swept the Volunteer State. Early signs also indicate considerable negative impact on vegetables, nursery crops, and forages. Freeze assessments showed that apples and peaches had the most significant damage with 86 and 84 percent severe, respectively. Over two-thirds of the wheat and over half of the corn crop suffered severe damage. Strawberries seem to have weathered the cold spell best with nearly a fifth of the crop showing no freeze damage. Condition ratings for apples plummeted from 8 percent very poor the week earlier to 62 percent, while winter wheat fell from zero to 38 percent very poor. Peach conditions, which were not rated the previous week, showed 93 percent of the crop as poor to very poor. Farmers were able to complete some limited fieldwork during the early part of last week before weather fronts moved in mid-week bringing much needed precipitation to most areas.

There were 4 days suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 2 percent very short, 17 percent short, 70 percent adequate, and 11 percent surplus. Subsoil moisture levels were rated 9 percent very short, 33 percent short, 55 percent adequate, and 3 percent surplus.

CROP PROGRESS: Through April 15, 2007					CONDITION: On April 13, 2007					
Crop	This Week	Last Week	2006	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Apples – Budding or Beyond	98	93	92	86	Apples	62	16	13	9	0
Apples – Blooming or Beyond	86	62	66	60	Pastures	7	22	41	28	2
Corn – Planted	54	47	51	44	Peaches	67	26	6	1	0
Corn – Emerged	27	22	12	12	Winter Wheat	38	34	22	6	0
Peaches – Blooming or Beyond	95	85	91	82	FREEZE DAMAGE ASSESSMENT (PERCENT)					
Winter Wheat – Jointed	91	76	90	81		None	Light	Moderate	Severe	
Winter Wheat – Headed	22	n/a	4	4	Apples		1	2	11	86
Winter Wheat – Top Dressed	96	94	97	97	Corn		11	13	23	53
					Peaches		0	1	15	84
					Strawberries		19	22	23	36
					Wheat		1	4	28	67

n/a = not available

County Agent Comments (Complete list of comments below)

“All emerged corn frozen off, older corn may not recover, later planted corn should re-emerge, and corn planted but not emerged before the freeze is (now) emerging. All wheat damaged to some degree. Wheat varieties may play a role in total damage. Current weather conditions are not helping overcome the damage nor the ability to make solid assessments.”

Jerry Parker, Lauderdale County

“Producers are trying to make freeze damage estimates to corn and wheat with the aid of extension personnel, agribusiness dealers, and seed company representatives. Some producers are starting the search for additional seed for corn replant. Wheat producers are making decisions on whether to keep the crop for grain, kill and replant to an alternative crop, or harvest for hay.”

Jeff Lannom, Weakley County

“Severe damage to tree fruits, blueberries, and strawberries. New growth on grapes “killed back”. Severe damage to gardens on all but the most cold-tolerant plants. Home ornamentals and landscape plants severely damaged or killed. Pasture and hay growth retarded. Tobacco transplants in outdoor beds killed. Losses in the hundreds of thousands of plants. All in all, a very expensive weekend weather-wise.”

David K. Glover, Smith County

“Loudon County was smoked with the 5 nights of freezing temps. One night reached 20 as a low. We lost all grapes and fruits. Corn looks bad. Wheat looks bad too. This is the worst I've ever seen for a spring freeze.”

John Goddard, Loudon County

TEMPERATURES AND PRECIPITATION
For week ending: April 15, 2007 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION						
	Week Ending April 15, 2007				Current Week 04/15/07	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1	
	HI	LO	AVG	DFN							
Ames_Plantation	71	22	50	-11	2.55	3	11.35	-5.26	3.71	0.87	
Tri-City_RGNL_A	72	22	49	-6	0.97	4	7.34	-4.68	1.82	0.17	
Brownsville_TN	70	25	50	-11	1.74	3	10.90	-5.54	3.11	0.47	
Chattanooga/Lov	67	34	51	-8	1.64	2	10.27	-7.73	3.02	0.75	
Clarksville_Sew	71	24	49	-9	2.23	5	12.48	-3.52	3.36	1.01	
Cookeville	66	20	45	-12	1.68	4	12.53	-4.84	2.63	0.29	
Covington	69	26	48	-12	2.10	2	12.44	-3.94	3.66	0.96	
Crossville_AP	60	26	46	-9	2.80	3	10.76	-6.73	3.74	1.27	
Dayton	64	24	47	-12	2.06	3	9.65	-8.73	3.02	0.66	
Dickson_AG	69	27	49	-9	2.38	4	12.70	-3.86	3.11	0.56	
Dover_1W	70	28	48	-10	1.72	4	14.05	-2.37	3.67	1.15	
Dyersburg	70	36	50	-11	1.83	3	12.21	-2.90	3.13	0.84	
Erwin_1W	71	19	45	-8	0.91	3	7.03	-6.47	1.41	-0.58	
Huntingdon_Wate	70	23	48	-11	1.82	3	10.63	-5.46	2.22	-0.11	
Jackson_Exp_Stn	71	29	50	-9	1.78	3	11.55	-4.22	2.87	0.38	
Kingston_AG	64	22	46	-10	2.54	3	12.20	-6.16	4.00	1.72	
Knoxville_AP	69	31	50	-7	2.03	3	10.62	-4.62	3.58	1.66	
Lewisburg	70	18	48	-9	1.90	4	10.19	-6.73	2.56	0.22	
Lexington_TN	70	32	49	-10	1.73	3	13.06	-2.43	3.47	1.17	
Linden	70	29	49	-9	2.40	4	12.61	-4.81	3.45	1.02	
Martin	67	31	49	-10	2.11	4	14.01	-1.78	3.04	0.49	
Mc_Minnville_Tn	66	29	51	-8	2.22	3	10.07	-6.65	3.05	0.75	
Memphis_AG	70	26	51	-12	2.07	3	11.78	-4.46	3.81	1.06	
Milan	71	20	48	-11	1.83	3	11.21	-4.84	2.97	0.54	
Murfreesboro_5N	69	19	48	-10	2.18	4	13.82	-2.19	2.94	0.71	
Nashville_Metro	71	32	51	-8	1.66	4	9.98	-4.42	2.41	0.25	
Newcomb	65	19	43	-11	2.65	3	12.19	-3.92	4.18	1.94	
Oneida	62	21	44	-10	2.04	3	10.70	-5.41	3.20	0.96	
Portland_TN	67	29	46	-11	1.62	4	12.14	-3.36	2.78	0.58	
Pulaski_Water_P	70	22	49	-12	1.92	4	11.70	-6.02	2.66	0.33	
Savannah_6SW	71	25	52	-11	2.80	4	12.03	-6.13	3.37	0.67	
Sparta_TN	64	27	49	-8	2.88	5	13.14	-3.73	4.75	2.45	
Springfield	69	19	45	-11	1.40	4	11.34	-3.70	2.45	0.28	
Springhill	72	19	49	-8	1.89	4	12.16	-5.00	2.66	0.11	
Union_City	68	24	46	-11	2.47	4	13.35	-2.24	3.14	0.73	
Waynesboro_TN	71	19	49	-8	1.96	4	10.76	-7.73	2.57	-0.15	

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.

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DYER

Tim Campbell

Wheat-majority of wheat acreage is probably severely damaged from freeze. Will be better able to determine extent of overall damage by Monday (4/16) or Tuesday (4/17) of this next week. Expect loss to be great. Corn - majority of corn acreage damaged by freeze. However, still seeing healthy growing points on seedlings but question is how long will they continue to be healthy with cooler wet weather. Have already seen indications of some plants putting out new growth above freeze line. Again will be better able to tell extent of damage by Monday or Tuesday of this next week.

LAKE

Greg Allen

I found only 2 fields that did not exhibit any freeze damage. All other fields exhibited freeze damage on the stem (all stems regardless of size). I expect it to start lodging next week. I do not expect any of these stems to produce a head. The good news is that new tillers are beginning to grow at the base of these stems. Have no idea if or how much these new tillers will produce. I do not know how many acres of corn will have to be replanted. Large corn (3-5 leaf) on tilled and no-tilled ground will probably not come back to an acceptable stand, and have to be replanted. I estimate 50% of the acreage planted will have to be replanted. Smaller corn looks like it will be OK.

LAUDERDALE

Jerry Parker

All emerged corn frozen off, older corn may not recover, later planted corn should re-emerge, and corn planted but not emerged before the freeze is emerging. All wheat damaged to some degree. Wheat varieties may play a role in total damage. Current weather conditions are not helping overcome the damage nor the ability to make solid assessments.

SHELBY

Becky Muller

The freeze hit our peaches very hard. Corn was hit hard also, killing everything above ground, anything under the soil was still green...maybe we will be ok here. I will assess wheat today.

CARROLL

Steven Burgess

Corn at the 2 to 4 leaf stage of growth was killed to just below ground level. The growing point still appears to be healthy. This corn can still recover if the weather will warm up. Corn that was just planted before the freeze should be O.K. Wheat that was headed out or in the late boot stage appears to be a total loss. We're going to have to wait and see on the later wheat although it appears that there will be slight to moderate damage to this also.

CROCKETT

Richard Buntin

We are still evaluating the situation. Have had reports of corn with watery, brown growing point. Some of the more mature wheat has heads that have turned white.

DECATUR

Steve Glass

Fruit trees were severely burnt and lost all of fruit crop, looks like all oaks will not have any acorn crop, and soft woods such as sycamores will have to fully have regrowth of leaves, All early planted gardens (even tomatoes) were killed. Hope some potatoes and corn will come out from ground with new growth. We need another week to see what actually will survive if anything. Our low was 18 degrees Fahrenheit on last Friday night. Plants that were covered over with some protection still died!!!!!!

FAYETTE

Jeffery D. Via

The farmers in Fayette County have been roaming their fields and roaming my office as well as other ag businesses trying to decide what damage they received from the cold temperatures that came through last weekend. The wheat was hit pretty hard but the corn looks ok. We will have a better assessment by the middle of next week. The temperatures are still cool but rains came and will probably help everything.

HARDEMAN

Bob Vickers

Hopefully most of the corn will recover - however the sprout are not emerging from damaged corn as quickly as hoped for. Our wheat crop is severely damaged. The heads are white on headed wheat and we are finding stem damage in most wheat - even that which was still in the joint or boot stage.

HENDERSON

Ron Blair

Early maturing wheat varieties severely damaged with farmers planning to cut for hay next week. Most corn was small enough to escape major damage, however rain and cooler temps will still reduce stands. Both comm. peach orchards lost approx 50% of the trees due to breakage from weight of ice from the sprinkler systems

MADISON

Bill Wyatt

We are still evaluating the damage done to corn and wheat. Many decisions will be made this week in regard to replanting corn and yield potential and management of wheat.

WEAKLEY

Jeff Lannom

Producers are trying to make freeze damage estimates to corn and wheat with the aid of extension personnel, agri-business dealers and seed company representatives. Some producers are starting the search for additional seed for corn

replant. Wheat producers are making decisions on whether to keep the crop for grain, kill and replant to an alternate crop, or harvest for hay.

CHEATHAM

Ronnie Barron

Some of our late sown forage crops appear to have been hit pretty hard by the extreme cold weather. Only a small percentage of corn has been planted and most of the wheat is still standing. My greatest concern is for our forage crops which will likely take a major hit this year, just as we saw in 2006. Spring hay production could be cut in half.

LEWIS

Frank Yancey

Freeze damage has affected blueberries and grapes. The extent of damage is unknown. One producer reported frost damage to cool season pasture with grasses being laid over.

MONTGOMERY

John Bartee

Looks like the entire wheat crop is destroyed. About 50% of the corn crop appears to be dead, the rest may regrow? Plans to cut wheat for hay may not work due to wheat lodging rapidly. Alfalfa is flat, but should regrow from the crown. Red clover is about the same as alfalfa.

PERRY

Rick Ritter

Having no corn planted the freeze only hurt some wheat. Some wheat along the river suffered no damage as the temp was slightly higher. Other fields back away from the river were moderately damaged. The worst has about 25% of the field lodged, but I can not see damage to the growing point. Some hay fields have the tips of the leaves burnt from the freeze, I suspect it will grow out in a few weeks.

ROBERTSON

Paul Hart

Corn that had emerged will have to be replanted. Yellowing in wheat increases each day. Some stems are discolored and splitting. Very little lodging seen as of Friday. First cutting of alfalfa is severely damaged and growers would cut but weather conditions have not been suitable.

WAYNE

Ken Burress

We will be better able to quantify the degree of freeze damages in the next few days and weeks.

DEKALB

Steve Officer

We are like all the rest of the state, we really don't know the full extent of damage. We may not that until months later.

JACKSON

Cynthia Zeitz

We are continuing to see freeze damage.

MACON

Steve Walker

Most of the fruit crop has severe damage (95% loss). Wheat was at different stages of growth. We are estimating about 50% loss. This could be higher. The next few days will tell the final story. Some of this wheat could be used for hay. Corn was damaged but will recover. We are estimating the hay crop will be 40% short this spring. This was due to the dry conditions and the freeze.

MOORE

Larry Moorehead

Our freeze ruined the fruit crop. Wheat looks bad and all the corn up was frozen but maybe it will come back.

RUTHERFORD

Mitchell Mote

Wheat was damaged to the point that I'll be surprised if any is harvested for grain; most will be harvested as forage. The few strawberries we have were all severely damaged, few if any will be available for picking. Most corn that has emerged was very small, all I've seen personally was killed; a lot of corn hadn't been planted at the time of the freeze. Some of the killed corn will be planted back to cotton, some to beans. I think most of the wheat will be followed with beans.

SMITH

David K. Glover

Severe damage to tree fruits, blueberries and strawberries. New growth on grapes killed back. Severe damage to gardens on all but the most cold tolerant plants. Home ornamentals and landscape plants severely damaged or killed. Pasture and hay growth retarded. Tobacco transplants in outdoor beds killed. Losses in the hundreds of thousands of plants. All in all, a very expensive weekend weather-wise.

WILLIAMSON

DeWayne Perry

There is widespread knowledge of the severe freeze and the damage to plants of all kinds. For producers depending on forages for livestock this is a severe setback that comes on top of empty hay barns and an unusually dry spring.

WILSON
J W McGuire
Freeze Damage Were Severe

BLEDSOE

J.C. Rains

Apple Crop near 100 percent loss. Farmers anxiously watching wheat and corn crops along with the weather to make decisions on harvesting wheat for grain or hay and whether to replant corn. Cattle producers are still awaiting warm weather to boost pasture and hay growth.

COFFEE

Dean Northcutt

What a week! Much needed rain arrive this week....about 1.5" overall.

Freeze damage makes county look like it is November. Trees and landscapes are blackened. Wheat is sick to dying. Wheat that was starting to head has blasted heads that are almost white now. Some fields have flag leaves burned to the point of no recovery. Heads in the boot are sickly green and mushy. Shorter wheat appears to have frozen growing points. If 10% of our late wheat makes any grain I will be pleasantly surprised. Prospects for making hay don't look good because of the short duration of drying weather and forecast for more cold and possible wet week ahead. Turning this wheat into silage is an option for a FEW folks with the necessary equipment.

We had about 15% or more of our corn had already emerged and was doing fine. It was frozen all the way back to 1.5" to 2" BELOW the ground. Shallow planted corn is dead. Some deeper planted corn may survive, but replanting is probably going to be the best option on most corn. It will be a "wait and see" game for a few more days before the decision is made by some farmers to replant. Some farmers have already started replanting.

FRANKLIN

Ed Burns

WEATHER: AFTER A HARD FREEZE EASTER WEEKED, TEMPERATURES AND MOISTURE RETURNED TO MORE SEASONAL CONDITIONS. TEMPERATURES RANGED IN THE 60'S TO LOW 70'S FOR HIGHS AND MID TO UPPER 40'S FOR LOWS. MORE SEASONAL RAINFALL RETURNED THIS WEEK WITH ABOUT 0.3 -0.5 INCH FALLING ON WEDNESDAY AND 1.8 -2.4 INCHES FALLING FRIDAY EVENING THROUGH SUNDAY MORNING, WHICH IS THE MOST RAINFALL RECIEVED IN ONE RAIN EVENT SINCE MID NOVEMBER.

WHEAT: THE HARD FREEZE DEVASTATED THE WHEAT CROP. DAMAGE ESTIMATES CONTINUE TO CLIMB. ABOUT 25% OF THE CROP WAS HEADED OR IN THE LATE BOOT STAGE AND IS A 100% LOSS. THE WHEAT THAT WAS LATER IN MATURITY APPEARS TO HAVE SUFFERED 50% OR HIGHER OF YIELD POTENTIAL. INITIAL ASSESSMENTS INDICATE WE LOST ABOUT 75% OF THE YIELD POTENTIAL IN THIS CROP, WHICH FARMERS WERE COUNTING ON TO HELP MAKE UP LOSSES FROM 2006 DROUGHT.

CORN: BEFORE THE FREEZE ONLY ABOUT 40% OF THE CROP WAS PLANTED WITH ABOUT 15% EMERGED. EMERGED CORN RANGED FROM SPIKING TO V2 STAGE. ANYTHING ABOVE GROUND WAS FROZE TO GROUND OR SLIGHTLY BELOW GROUND LEVEL. CONVENTIONAL TILL SEEMS TO BE HARDER HIT THAN NO-TILL PLANTED. SOME CONVENTIONAL TILL CORN INDICATES MODERATE TO SEVERE LOSS, WHILE THE NO-TILL APPEARS TO BE SLIGHT TO MODERATE DAMAGE. FARMERS WILL ASSESS FIELDS THIS WEEK AS TO THE AMOUNT OF CORN THAT RECOVERS AND MAKE DECISIONS ON RE-PLANTING.

PASTURES AND HAY: THE HARD FREEZE STOPPED GROWTH; HOWEVER, GOOD MOISTURE AND WARMER TEMPS SHOULD GET THE CROP STARTED BACK AND PRODUCE SOMEWHAT NORMAL YIELDS.

NURSERY: FRANKLIN COUNTY'S 4,00 ACRES OF NURSERY PRODUCTION WAS SEVERELY DAMAGED. WE COULD HAVE VERY WELL LOST THREE YEARS OF DOGWOOD PRODUCTION. THE 2005 PLANTED CROP THAT WAS BUDDED LAST FALL HAS SEVERE DAMAGE TO THE EMERGING BUD. THE SEEDLINGS THAT WERE PLANTED LAST FALL WERE 99% EMERGED AND KILLED. THE WILD DOGWOODS IN THE AREA WERE PAST PEAK BLOOM AND IT IS FEARED THE SEED CROP FOR PLANTING TIS FALL MAY HAVE BEEN LOST. ONE NURSERY REPORTING LOOSING 80,000 2-3 YEAR OLD BOXWOODS.

PONDS: HEAVY RAINFALL THIS PAST WEEKEND HELPED TO RE-CHARGE PONDS THAT WERE NEARLY DRY OR DRY.

MARION

John Wilson

We received much needed rain last week. However, the big news is the freeze. The county experienced temperatures which ranged from the teens to the upper twenties for two or more days. This resulted in severe damage to strawberries and blueberries in spite of frost protection applied. Also, wheat that was headed or in boot stage was heavily damaged and we are awaiting nitrate test results to determine if it can be salvaged as forage. In addition, the earlier planted corn at the V-4 stage and beyond was severely damaged. The younger corn was also burned back to the ground but is trying to regrow. The weather for the next several days will be critical to long-term survival of our re-emerging corn.

MORGAN

D. Kelly Amonett

Moderate to severe damage to all fruit crops--Mostly Severe. Pecans were in full bloom and were killed. Peaches all gone. A few apples and possibly some cherries may survive.

PUTNUM

Scott Chadwell

Newly seeded clover seems to have severe injury. Most all fruits and berries are gone. Pasture and hay were short from dry weather and freeze has burnt back some fescue fields. Wonder if fertilize put on in March is wasted? Many ornamental plants and shrubs damaged or destroyed.

ANDERSON

Joe E. Hall

We were down to 21 degrees, there was major damage to all crops that were in bloom.

CAMPBELL

Steve Edwards

Peach crop is virtually 100% loss due to freezing temperatures. Apples aren't much better.

CARTER

Keith Hart

Nursery and Nut Trees severely damaged

COCKE

Kevin Mcconnell

All fruit trees were in bloom with heavy freeze damage. Little to no fruit expected this year. Wheat was heavily damaged. Corn was moderately damaged.

GRAINGER

Anthony Carver

All fruit from apple & pear trees and all grapes are totally gone. It will take longer to see if the plants will survive. Peaches have dark blooms, but unsure of damage.

HAMBLIN

Mannie Bedwell

A little early to tell the full extent of freeze damage but my early assessment is peaches-major damage apples - minor damage strawberries - highly variable from minor to major damage depending on stage of crop and frost protection ability. Wheat - minor damage. Will know more in a week or two but looks like it wasn't as severe as first thought at least for now.

HAWKINS

Bob Moncier

Freeze really hurt peaches and strawberries. A lot of clover in pasture fields looks to have been injured or killed. Wheat showed a lot of injury but, not sure exactly how much injury and to what extent.

JEFFERSON

Jonathan Rhea

In Jefferson County our apple, grape, and peach crops will be severely effected by last weeks freezing weather. We probably will not have a apple or peach crop to speak of and we will wait to see on the grapes. It has not been good. Strawberries that were frost protected seem to be fairing reasonable well.

JOHNSON

Rick Thomason

Due to freezing temperatures over the past 2 weeks and accumulating snow fall the past 2 weekends, the peach and pear crop has been damaged entirely for this growing season. The grapes and apples have been frozen back, but we will have to wait and see how much of the crop can be salvaged. Many ornamentals and small trees have been damaged by the freezing temperatures as well.

KNOX

Neal Denton

We have lost most of the tree fruit and small fruit in the county. Grapes may give a half crop and blackberries may come on and produce a reduced crop. Blueberries, strawberries, peaches, and apples look like a complete loss.

The nursery stock was damaged, but mostly cosmetic. It will make the products slower to be shipped because we will have at least two weeks of recovery time.

Few if any commercial vegetables were out in the field yet. I expect our damage was minimal.

Some corn has been planted, but very little was emerged. I know one field was damaged but it was less than an inch tall at the time. We have lots of wheat damage to the grain head. I suspect our wheat crop is going to be cut by half or more.

Much of our wheat is grown for straw so the grain is not that important.

Hay crop has been damaged quite a bit. The seed head and shoots were damaged. Our first cutting will be short by 30-50 percent. If we do not get a change in weather pattern I suspect we will have more hay shortages due to the drought and freeze.

LOUDON

John Goddard

Loudon County was smoked with the 5 nights of freezing temps. One night reached 20 as a low. We lost all grapes and fruits. Corn looks bad. Wheat looks bad too. This is the worst I've ever seen for a Spring Freeze.

MONROE

Bob Sliger

A hard freeze with heavy frost did significant damage to all fruit crops, to the wheat crop and all types of landscape plantings. Corn that was emerged suffered severe "kill back", however much of the crop will recover since the growth

point was still below the soil surface. Progress of forage crops continues at a standstill due to cold and dry weather. The leaves were killed back on most all timber stands.

POLK

Greg Paxton

Pasture Legumes severe damage due to extreme low temps.

ROANE

Grant Palmer

Entire county has experienced significant damage related to freezing temperatures. The majority of damage has been seen in fruit trees. Several strawberry producers have lost entire crop. Trees in general (especially nut) have seen serious damage. Several producers already are considering honey crop to be seriously compromised based on the tree set back and flower death.

SULLIVAN

Chris Ramsey

Have had some good rainfall this week relieving some of the drought. Cold temperatures have slowed down pasture and hay growth.

UNICOI

Ty Petty

Apple orchards have lost all of their crop this year due to the cold weather. The temperature was below 20 degrees for four nights and with a high of 32.5 degrees on Saturday according to the weather station data collected at one orchard at a higher elevation in Flag Pond.

WASHINGTON

Anthony M Shelton

Cold weather has stunted much growth of hay, alfalfa, rye, and wheat. Many producers are cleaning alfalfa off of fields and many wheat and rye producers are currently assessing great damages. Strawberries have some damage, but many of the producers used irrigation to protect freeze damage.