

## Arkansas Chilling Hour Reports Archive

### 2017-2018 Arkansas Chilling Hours Report

*Clarksville, Fruit Research Station (Zone 7a)*

Date Range	Average Low Temperature	Average High Temperature
November 1-21, 2017	46.9	63.2
November 22, 2017-January 18, 2018	30.8	48.5
January 19-February 20, 2018	35.4	52.2
February 21-March 20, 2018	38.6	56.3
March 21-April 15, 2018	43.0	63.4
Average	38.9	56.7

Date Range	Chill Model Units	Utah Model Units
November 1-21, 2017	76.5	105.1
November 22, 2017-January 18, 2018	410.0	452.4
January 19-February 20, 2018	245.0	233.6
February 21-March 20, 2018*	64.6	90.1
March 21-April 15, 2018	138.7	102.6
Cumulative	934.8	983.8

*\*A technical malfunction with the weather station between February 21st and March 7th resulted in the loss of recorded chill hours in both the Chill Model and Utah Model. The temperature did drop between 34-45°F for nine days and therefore the cumulative chill hours are greater than what is represented in this table.*

*Hope, Southwest Research Station (Zone 8a)*

Date Range	Average Low Temperature	Average High Temperature
December 4-20, 2017	33.7	64.3
December 21, 2017-January 24, 2018	28.3	55.8
January 25-February 27, 2018	37.2	62.7
February 28-March 22, 2018	41.5	74.4
March 23-April 15, 2018	81.8	47.2
Average	44.5	60.8

<b>Date Range</b>	<b>Chill Model Units</b>	<b>Utah Model Units</b>
December 4-20, 2017	121.0	115.0
December 21, 2017-January 24, 2018	235.0	215.0
January 25-February 27, 2018	242.5	205.0
February 28-March 22, 2018	106.0	53.0
March 23-April 15, 2018	66.0	27.0
Cumulative	770.5	615.0

## 2018-2019 Arkansas Chilling Hours Report

*Clarksville, Fruit Research Station (Zone 7a)*

<b>Date Range</b>	<b>Average Low Temperature</b>	<b>Average High Temperature</b>
November 1-21, 2018	34.8	52.9
November 22, 2018-January 18, 2019	36.0	52.3
January 19-February 20, 2019	31.4	49.6
February 21-March 20, 2019	36.6	53.2
March 21-April 15, 2019	47.1	67.1
Average	37.2	55.0

<b>Date Range</b>	<b>Chill Model Units</b>	<b>Utah Model Units</b>
November 1-21, 2018	214.0	265.7
November 22, 2018-January 18, 2019	680.7	761.9
January 19-February 20, 2019	324.3	291.5
February 21-March 20, 2019	269.2	349.4
March 21-April 15, 2019	79.7	-9.0
Cumulative	1567.9	1659.5

*Hope, Southwest Research Station (Zone 8a)*

<b>Date Range</b>	<b>Average Low Temperature</b>	<b>Average High Temperature</b>
December 7-20, 2018	34.5	55.0
December 21, 2018-January 24, 2019	31.1	56.9
January 25-February 27, 2019	25.5	67.7
February 28-March 22, 2019	33.6	63.7
March 23-April 15, 2019	40.8	77.7
Average	33.1	64.2

<b>Date Range</b>	<b>Chill Model Units</b>	<b>Utah Model Units</b>
December 7-20, 2018	145.3	181.8
December 21, 2018-January 24, 2019	377.0	359.7
January 25-February 27, 2019	253.0	213.5
February 28-March 22, 2019	140.2	132.0
March 23-April 15, 2019	90.0	-16.0
Cumulative	1005.5	871.0

## 2019-2020 Arkansas Chilling Hours Report

*Clarksville, Fruit Research Station (Zone 7a)*

<b>Date Range</b>	<b>Average Low Temperature</b>	<b>Average High Temperature</b>
November 1-30, 2019	37.1	56.7
December 1-31, 2019	36.6	54.1
January 1-29, 2020	35.4	50.4
January 30-February 29, 2020	34.7	50.9
March 1-31, 2020	47.4	60.2
April 1-15, 2020	46.8	66.1
Average	39.7	56.4

<b>Date Range</b>	<b>Chill Model Units</b>	<b>Utah Model Units</b>
November 1-30, 2019	236.6	311.7
December 1-31, 2019	370.4	404.9
January 1-29, 2020	317.3	371.0
January 30-February 29, 2020	373.2	438.5
March 1-31, 2020	100.1	118.6
April 1-15, 2020	57.2	14.7
Cumulative	1481.8	1659.4

*Hope, Southwest Research Station (Zone 8a)*

<b>Date Range</b>	<b>Average Low Temperature</b>	<b>Average High Temperature</b>
November 1-30, 2019	33.5	61.0
December 1-31, 2019	31.0	57.4
January 1-29, 2020	31.9	55.0
January 30-February 29, 2020	31.9	55.2
March 1-31, 2020	45.9	67.9
April 1-15, 2020	46.6	74.2
Average	36.8	61.8

<b>Date Range</b>	<b>Chill Model Units</b>	<b>Utah Model Units</b>
November 1-30, 2019	323.5	98.1
December 1-31, 2019	119.6	274.9
January 1-29, 2020	252.5	276.6
January 30-February 29, 2020	313.4	320.5
March 1-31,2020	100.2	57.0
April 1-15, 2020	56.1	-34.8
Cumulative	1165.3	992.3