

Average Monthly Values of Temperature Metrics in Doner Era, Modern Era, and Difference – By State\*

State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
AK 24 stations	Jan	32.2	33.9	1.8	-18.9	-16.9	1.9	-16.6	-14.7	1.9
	Feb	33.6	36.1	2.6	-15.9	-10.1	5.9	-13.6	-7.6	6.0
	Mar	37.6	38.9	1.3	-10.6	-5.4	5.2	-7.8	-2.9	4.9
	Apr	47.1	49.5	2.4	7.9	10.3	2.3	10.3	12.7	2.3
	May	59.8	63.0	3.2	26.5	27.5	1.0	28.3	29.4	1.1
	June	68.9	69.9	1.0	37.7	39.2	1.5	39.6	41.2	1.6
	July	71.9	71.4	-0.4	42.6	44.1	1.5	44.3	45.8	1.5
	Aug	68.7	69.4	0.7	40.1	40.8	0.6	42.0	42.6	0.7
	Sep 1-15	61.7	62.3	0.6	33.7	35.4	1.7	35.4	37.2	1.8
	Sep 16-30	56.0	56.9	0.9	28.4	29.0	0.6	30.2	30.8	0.7
	Sep	59.8	60.7	0.9	30.7	31.2	0.5	32.3	33.1	0.8
	Oct	47.6	48.3	0.7	12.6	16.3	3.8	14.9	18.4	3.5
Nov	37.0	38.0	1.1	-6.3	-2.6	3.7	-4.1	-0.4	3.7	
Dec	31.0	33.8	2.8	-17.7	-10.0	7.7	-15.8	-8.1	7.7	
AL 3 stations	Jan	72.0	71.0	-1.0	25.0	23.3	-1.7	26.2	24.9	-1.3
	Feb	74.0	73.3	-0.7	28.0	28.0	0.0	29.2	29.6	0.4
	Mar	78.2	79.7	1.5	34.0	34.3	0.3	35.6	36.2	0.6
	Apr	84.3	84.0	-0.3	42.0	42.7	0.7	43.7	45.1	1.4
	May	91.3	89.6	-1.8	53.5	52.3	-1.1	55.2	54.5	-0.7
	June	95.0	94.7	-0.3	63.7	65.3	1.6	65.4	66.8	1.4
	July	95.0	95.7	0.7	69.3	69.3	0.0	70.2	70.9	0.7
	Aug	95.7	96.7	1.0	67.3	68.3	1.0	68.9	69.4	0.5
	Sep 1-15	94.3	93.0	-1.3	61.3	63.5	2.1	63.1	65.4	2.2
	Sep 16-30	91.3	90.7	-0.7	56.8	54.9	-1.9	58.8	56.6	-2.2
	Sep	93.0	92.3	-0.7	58.7	58.1	-0.6	60.9	60.2	-0.7
	Oct	86.0	85.7	-0.3	42.3	42.8	0.5	44.0	45.0	0.9
Nov	77.0	77.7	0.7	31.0	33.3	2.3	33.2	35.1	1.9	
Dec	71.0	73.2	2.2	26.1	27.7	1.6	27.7	29.6	1.9	
AR 2 stations	Jan	68.0	67.5	-0.5	18.0	20.5	2.5	19.4	21.9	2.5
	Feb	70.4	71.0	0.6	24.0	24.0	0.0	25.7	25.3	-0.5
	Mar	76.8	78.5	1.7	29.5	31.0	1.5	31.1	32.8	1.7
	Apr	84.5	84.0	-0.5	39.5	40.8	1.3	41.3	42.6	1.3
	May	90.5	89.0	-1.5	51.0	51.0	0.0	52.6	52.8	0.3
	June	97.0	95.0	-2.0	61.5	63.5	2.0	63.0	65.1	2.1
	July	99.5	100.0	0.5	67.5	67.5	0.0	68.8	69.0	0.2
	Aug	101.0	100.5	-0.5	64.0	66.5	2.5	66.0	68.1	2.1
	Sep 1-15	96.5	96.5	0.0	57.5	58.5	1.0	58.8	61.1	2.4
	Sep 16-30	93.0	92.5	-0.5	52.2	52.5	0.3	54.1	54.1	0.1
	Sep	95.1	94.5	-0.6	54.0	55.5	1.5	56.0	57.2	1.2
	Oct	87.4	86.0	-1.4	40.0	41.5	1.5	42.1	43.3	1.3
Nov	76.5	76.0	-0.5	27.0	30.5	3.5	28.6	32.5	3.9	
Dec	67.0	67.7	0.7	20.2	23.0	2.8	22.6	25.0	2.5	
AZ 3 stations	Jan	66.8	69.3	2.5	20.8	25.0	4.3	22.8	27.4	4.7
	Feb	72.0	73.3	1.3	24.9	28.0	3.2	27.1	30.4	3.3
	Mar	76.4	80.3	3.9	29.8	33.8	4.0	31.9	36.0	4.2
	Apr	84.0	84.0	0.0	35.3	37.7	2.3	38.0	40.0	2.0
	May	90.7	93.6	3.0	42.3	46.7	4.3	44.9	49.6	4.7
	June	100.3	101.0	0.7	52.0	56.7	4.7	55.3	60.0	4.7
	July	100.7	102.3	1.7	63.3	65.0	1.7	65.9	67.9	2.0
	Aug	98.0	100.0	2.0	60.7	64.0	3.3	63.3	66.6	3.3
	Sep 1-15	96.3	96.0	-0.3	55.7	58.7	3.0	58.9	61.2	2.3
	Sep 16-30	93.2	94.3	1.1	50.3	52.3	2.0	53.0	55.0	2.0
	Sep	95.3	95.3	0.0	51.9	55.0	3.1	54.4	57.4	2.9
	Oct	87.9	87.3	-0.5	40.0	40.9	0.9	42.7	43.2	0.5
Nov	74.7	77.1	2.5	26.6	29.7	3.1	28.5	32.0	3.4	
Dec	65.7	65.7	0.0	21.0	22.7	1.7	22.8	24.6	1.8	

State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
CA 10 stations	Jan	62.7	66.1	3.4	29.2	31.9	2.7	30.8	33.5	2.7
	Feb	68.4	68.9	0.6	33.2	34.8	1.6	35.2	36.6	1.4
	Mar	73.5	75.9	2.5	35.6	38.1	2.6	37.6	40.0	2.5
	Apr	80.6	81.2	0.6	40.1	40.8	0.7	42.0	42.7	0.7
	May	84.7	87.9	3.2	44.8	46.6	1.8	46.6	48.8	2.2
	June	93.1	92.9	-0.2	50.5	52.2	1.7	52.3	54.3	2.0
	July	94.8	95.1	0.3	55.1	56.6	1.5	57.2	58.7	1.5
	Aug	93.5	93.9	0.4	54.1	56.3	2.2	56.2	58.2	2.0
	Sep 1-15	94.3	94.5	0.3	52.1	53.3	1.2	54.2	55.3	1.1
	Sep 16-30	91.8	93.2	1.5	50.0	50.9	0.9	51.9	52.8	0.9
	Sep	93.1	94.2	1.1	50.8	51.6	0.8	53.0	53.7	0.8
	Oct	87.1	86.0	-1.0	44.1	44.7	0.6	46.1	46.7	0.5
	Nov	74.5	73.5	-1.0	35.4	36.3	0.9	37.3	38.2	1.0
Dec	65.3	64.1	-1.2	31.2	31.2	0.0	32.8	32.9	0.1	
CO 4 stations	Jan	57.6	59.5	1.9	1.8	5.0	3.2	4.4	8.1	3.7
	Feb	62.8	62.5	-0.3	8.8	9.9	1.2	11.4	13.1	1.7
	Mar	67.5	72.8	5.3	15.8	19.0	3.3	18.0	21.7	3.7
	Apr	77.6	78.5	0.9	27.3	27.3	0.0	29.3	29.4	0.1
	May	85.5	87.3	1.8	38.3	37.0	-1.3	40.3	39.7	-0.7
	June	95.5	96.1	0.6	49.2	48.4	-0.8	51.8	51.5	-0.3
	July	96.9	98.8	1.9	56.8	57.0	0.3	59.4	59.7	0.3
	Aug	94.7	95.3	0.6	55.0	54.8	-0.3	57.4	57.4	0.0
	Sep 1-15	92.5	92.0	-0.5	46.4	47.4	1.0	48.8	49.9	1.1
	Sep 16-30	87.3	88.3	1.0	42.3	39.9	-2.4	44.3	42.6	-1.8
	Sep	90.8	90.8	0.1	43.7	42.3	-1.5	46.0	45.2	-0.9
	Oct	82.0	81.0	-1.0	31.6	29.5	-2.1	33.8	31.5	-2.3
	Nov	66.8	69.8	3.0	15.8	17.0	1.3	17.7	19.4	1.7
Dec	58.8	58.2	-0.6	9.5	6.0	-3.5	11.5	9.1	-2.4	
DE 1 station	Jan	54.0	55.0	1.0	14.0	13.0	-1.0	14.9	15.0	0.1
	Feb	54.0	56.0	2.0	15.0	17.0	2.0	16.2	18.5	2.3
	Mar	63.0	67.0	4.0	24.0	24.0	0.0	25.1	25.7	0.6
	Apr	79.0	77.0	-2.0	33.0	35.0	2.0	35.0	37.7	2.7
	May	84.0	84.0	0.0	43.0	45.0	2.0	45.4	46.8	1.4
	June	91.0	89.0	-2.0	53.9	55.0	1.1	55.5	56.9	1.4
	July	93.0	93.0	0.0	60.0	60.0	0.0	61.7	62.5	0.8
	Aug	90.0	90.0	0.0	57.0	60.0	3.0	58.7	61.5	2.8
	Sep 1-15	89.6	89.0	-0.6	51.0	54.0	3.0	52.9	56.5	3.6
	Sep 16-30	84.0	83.0	-1.0	44.4	48.0	3.6	46.3	49.7	3.4
	Sep	86.0	86.0	0.0	47.0	49.0	2.0	49.5	51.3	1.8
	Oct	78.0	77.0	-1.0	37.0	37.0	0.0	38.4	38.7	0.3
	Nov	66.0	67.0	1.0	27.0	28.0	1.0	29.0	30.0	1.0
Dec	55.6	59.0	3.4	15.0	20.0	5.0	16.2	22.1	5.9	
FL 5 stations	Jan	77.0	76.8	-0.2	35.0	33.8	-1.2	36.6	36.0	-0.6
	Feb	78.6	78.6	0.0	37.8	37.8	0.0	39.7	39.5	-0.2
	Mar	82.2	82.8	0.6	42.0	42.6	0.6	43.8	44.7	0.9
	Apr	85.2	86.0	0.8	51.0	50.9	-0.1	52.9	53.3	0.4
	May	90.8	90.8	0.0	60.2	60.8	0.6	62.1	62.7	0.7
	June	93.4	94.8	1.4	68.2	70.0	1.9	69.7	71.3	1.7
	July	93.4	94.6	1.2	71.6	72.0	0.4	72.8	73.3	0.5
	Aug	94.0	94.2	0.2	71.6	72.4	0.8	72.6	73.7	1.1
	Sep 1-15	92.0	92.0	0.0	69.6	70.1	0.5	70.8	71.6	0.9
	Sep 16-30	90.6	90.6	0.0	67.6	66.4	-1.2	68.5	68.0	-0.5
	Sep	91.6	91.3	-0.3	68.3	67.8	-0.5	69.5	69.4	-0.1
	Oct	87.2	87.6	0.4	53.6	54.2	0.6	55.6	56.5	0.9
	Nov	80.8	81.5	0.7	42.6	44.5	2.0	44.6	46.1	1.5
	Dec	76.8	79.0	2.2	35.4	38.6	3.2	37.0	40.1	3.1

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		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
GA 1 station	Jan	66.0	67.0	1.0	23.0	21.0	-2.0	24.0	22.6	-1.4
	Feb	69.0	69.0	0.0	24.0	27.0	3.0	26.0	28.4	2.4
	Mar	75.0	77.0	2.0	30.0	32.2	2.2	31.5	34.2	2.7
	Apr	82.0	81.6	-0.4	40.0	41.0	1.0	42.2	43.4	1.2
	May	88.0	87.0	-1.0	50.0	52.0	2.0	52.0	54.0	2.0
	June	93.0	92.1	-0.9	61.0	64.0	3.0	62.8	64.7	1.9
	July	93.0	94.0	1.0	66.0	68.0	2.0	67.2	69.3	2.1
	Aug	93.0	94.0	1.0	64.0	67.0	3.0	65.7	68.6	2.9
	Sep 1-15	90.0	90.0	0.0	59.0	62.0	3.0	59.9	64.3	4.4
	Sep 16-30	87.0	87.0	0.0	54.0	54.7	0.7	55.1	56.5	1.4
	Sep	89.0	89.0	0.0	56.0	58.0	2.0	57.5	59.5	2.0
	Oct	81.0	81.3	0.3	42.0	44.0	2.0	44.0	45.5	1.5
	Nov	72.0	74.0	2.0	31.0	33.0	2.0	32.0	34.8	2.8
Dec	66.5	69.0	2.5	24.0	28.0	4.0	25.0	28.8	3.8	
HI 17 stations	Jan	77.4	78.1	0.7	53.8	53.9	0.2			
	Feb	77.7	78.0	0.3	53.5	54.1	0.6			
	Mar	77.9	78.3	0.4	54.4	55.1	0.7			
	Apr	78.6	79.0	0.4	56.4	57.1	0.7			
	May	79.5	80.5	1.0	58.4	58.5	0.1			
	June	81.1	81.2	0.1	60.2	61.1	0.9			
	July	81.5	82.1	0.7	60.7	61.3	0.6			
	Aug	82.1	83.1	1.0	61.9	62.5	0.6			
	Sep 1-15	82.2	82.6	0.4	61.0	61.3	0.3			
	Sep 16-30	82.1	82.5	0.4	60.8	61.1	0.3			
	Sep	82.2	82.6	0.3	60.9	61.3	0.4			
	Oct	81.8	81.8	0.1	60.3	61.0	0.7			
	Nov	79.6	79.4	-0.2	58.0	58.2	0.3			
Dec	77.8	78.2	0.4	55.5	55.8	0.4				
IA 3 stations	Jan	42.0	45.6	3.6	-10.0	-6.0	4.0	-8.1	-4.1	4.0
	Feb	47.0	48.6	1.6	-3.7	-3.3	0.3	-1.6	-1.1	0.5
	Mar	56.4	67.0	10.6	7.3	11.7	4.3	9.8	13.6	3.8
	Apr	75.7	76.7	1.0	26.7	26.7	0.0	28.1	28.6	0.5
	May	84.0	84.0	0.0	39.7	38.8	-0.9	41.2	41.4	0.2
	June	91.1	90.0	-1.1	50.0	52.0	2.0	52.1	53.5	1.4
	July	92.3	92.7	0.3	56.8	56.3	-0.5	58.4	58.5	0.0
	Aug	92.0	90.2	-1.8	53.8	54.0	0.2	55.4	55.8	0.4
	Sep 1-15	88.7	89.3	0.7	45.3	45.3	0.0	47.2	47.5	0.3
	Sep 16-30	83.3	84.3	1.0	40.0	38.7	-1.3	42.3	41.0	-1.3
	Sep	87.0	87.3	0.3	41.7	41.1	-0.6	43.8	43.7	0.0
	Oct	79.7	78.0	-1.7	30.0	28.7	-1.3	31.9	30.6	-1.3
	Nov	63.3	64.3	1.0	11.7	14.9	3.2	13.2	16.8	3.6
Dec	47.0	48.7	1.7	-4.9	-1.0	3.9	-2.7	0.8	3.4	
ID 2 stations	Jan	43.5	43.0	-0.5	-0.3	6.2	6.4	2.4	8.6	6.2
	Feb	50.0	49.0	-1.0	5.5	10.5	5.0	8.6	12.9	4.3
	Mar	58.5	64.0	5.5	15.5	21.5	6.0	17.3	23.6	6.4
	Apr	70.5	72.3	1.8	27.0	27.5	0.5	28.8	29.4	0.7
	May	81.0	82.5	1.5	34.0	34.5	0.5	35.6	36.5	0.9
	June	89.0	90.5	1.5	41.5	42.0	0.5	43.6	44.5	0.9
	July	95.0	97.8	2.8	48.0	50.5	2.5	51.1	53.2	2.1
	Aug	93.0	95.0	2.0	46.0	48.0	2.0	49.1	50.9	1.8
	Sep 1-15	89.0	89.8	0.8	40.5	41.0	0.6	42.7	43.6	0.9
	Sep 16-30	84.0	85.5	1.5	34.5	37.5	3.0	36.9	39.9	3.1
	Sep	87.5	88.5	1.0	37.0	39.5	2.5	39.4	41.5	2.1
	Oct	76.0	74.5	-1.5	27.5	28.5	1.0	29.6	30.7	1.2
	Nov	58.0	58.5	0.5	14.5	17.0	2.5	16.9	18.7	1.8
Dec	44.5	45.8	1.3	7.6	8.5	0.9	10.4	10.5	0.1	

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		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
IL 5 stations	Jan	46.2	48.0	1.8	-2.8	1.7	4.5	-0.5	3.3	3.8
	Feb	48.6	51.4	2.8	2.6	5.6	3.0	5.1	7.5	2.4
	Mar	61.0	67.0	6.0	15.6	17.9	2.3	17.3	19.8	2.5
	Apr	76.6	77.0	0.4	29.4	31.4	2.0	31.1	33.0	1.9
	May	85.3	84.8	-0.6	40.3	41.8	1.5	41.8	43.9	2.1
	June	91.8	90.3	-1.5	51.2	52.0	0.8	52.8	54.0	1.2
	July	92.0	92.3	0.2	57.2	58.0	0.8	59.3	60.2	1.0
	Aug	91.8	90.6	-1.2	54.6	57.0	2.4	56.6	59.1	2.6
	Sep 1-15	91.5	89.6	-1.9	47.6	50.2	2.6	49.7	52.3	2.6
	Sep 16-30	85.4	83.8	-1.6	41.3	44.0	2.7	43.2	46.1	2.9
	Sep	88.6	87.7	-0.9	43.7	46.3	2.5	46.0	48.1	2.1
	Oct	80.8	78.2	-2.6	32.8	33.5	0.7	34.7	35.4	0.7
Nov	64.8	65.6	0.8	18.0	21.7	3.7	19.6	23.6	4.0	
Dec	51.0	51.6	0.6	1.6	7.6	6.0	3.5	9.5	6.0	
IN 4 stations	Jan	50.8	51.3	0.6	4.3	4.6	0.4	6.2	6.9	0.7
	Feb	52.8	54.3	1.4	7.6	8.0	0.4	9.8	10.2	0.4
	Mar	62.7	67.8	5.1	18.6	19.3	0.7	20.2	21.0	0.8
	Apr	77.5	77.0	-0.5	29.8	31.5	1.8	31.4	33.0	1.6
	May	84.3	84.5	0.2	40.0	42.1	2.1	41.9	44.2	2.3
	June	91.8	90.0	-1.8	51.3	53.5	2.2	53.1	55.3	2.3
	July	91.8	92.1	0.3	57.0	57.5	0.5	58.9	59.4	0.5
	Aug	91.0	90.3	-0.8	54.3	56.5	2.3	56.0	58.5	2.6
	Sep 1-15	91.3	90.0	-1.4	46.9	50.2	3.3	48.7	52.2	3.5
	Sep 16-30	85.5	84.0	-1.5	41.5	44.3	2.8	43.2	46.2	3.0
	Sep	89.0	87.3	-1.8	43.3	46.5	3.3	45.6	48.2	2.6
	Oct	80.9	78.3	-2.7	33.0	34.3	1.3	34.7	35.9	1.3
Nov	66.5	66.1	-0.4	20.5	23.8	3.3	22.3	25.5	3.2	
Dec	53.4	54.3	0.9	6.1	11.8	5.7	8.6	13.8	5.3	
KS 5 stations	Jan	58.2	61.0	2.8	1.7	6.4	4.7	4.0	8.6	4.6
	Feb	64.3	64.4	0.1	10.1	9.5	-0.6	11.8	11.8	0.0
	Mar	71.4	74.5	3.1	15.5	20.0	4.5	17.6	22.0	4.5
	Apr	82.0	81.2	-0.8	29.2	30.0	0.8	31.1	32.1	0.9
	May	89.0	89.2	0.2	42.6	41.4	-1.2	44.7	43.5	-1.2
	June	97.4	96.4	-1.0	53.8	54.0	0.2	55.6	56.3	0.7
	July	100.2	101.0	0.8	60.7	61.0	0.3	62.3	62.9	0.6
	Aug	99.5	99.0	-0.5	58.6	59.4	0.8	60.6	61.2	0.5
	Sep 1-15	95.8	95.5	-0.3	48.0	50.2	2.2	50.1	52.7	2.7
	Sep 16-30	90.5	90.2	-0.3	44.3	44.1	-0.2	46.0	46.3	0.3
	Sep	94.2	93.4	-0.8	46.0	46.6	0.6	48.0	48.6	0.5
	Oct	85.0	83.2	-1.8	33.7	32.6	-1.1	35.6	34.9	-0.7
Nov	70.0	72.4	2.4	18.1	20.3	2.1	20.0	22.6	2.5	
Dec	59.8	60.0	0.2	8.0	9.6	1.6	9.8	11.8	2.0	
KY 2 stations	Jan	57.0	57.5	0.5	9.0	8.5	-0.5	11.1	9.8	-1.3
	Feb	59.5	60.5	1.0	11.7	13.2	1.5	14.1	14.9	0.9
	Mar	66.3	70.0	3.7	21.5	22.0	0.5	23.3	23.7	0.4
	Apr	80.5	77.5	-3.0	31.5	33.5	2.0	32.9	35.2	2.3
	May	85.5	84.0	-1.5	43.0	44.0	1.0	45.0	46.0	1.0
	June	91.0	89.1	-1.9	53.5	55.2	1.7	55.2	57.1	1.9
	July	92.5	92.0	-0.5	59.0	59.5	0.5	60.9	61.6	0.7
	Aug	92.0	91.5	-0.6	56.0	58.0	2.0	58.2	60.2	2.0
	Sep 1-15	91.5	90.5	-1.0	49.5	52.5	3.0	51.7	55.0	3.4
	Sep 16-30	87.3	85.3	-2.0	44.5	46.0	1.5	46.3	48.1	1.8
	Sep	90.0	88.5	-1.5	46.5	48.5	2.0	48.4	50.3	2.0
	Oct	80.5	79.0	-1.5	34.5	35.5	1.0	36.5	37.3	0.8
Nov	68.5	68.5	0.0	23.0	25.0	2.0	24.0	26.8	2.8	
Dec	58.0	59.0	1.0	11.0	15.5	4.5	13.0	17.8	4.8	

State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
LA 3 stations	Jan	74.7	74.7	0.0	28.0	29.0	1.0	29.7	30.6	0.9
	Feb	77.0	76.3	-0.7	32.0	32.7	0.7	33.4	34.2	0.8
	Mar	80.3	80.7	0.3	37.1	38.0	0.9	38.9	40.0	1.0
	Apr	84.3	85.3	1.0	46.0	46.9	0.9	48.1	49.0	0.9
	May	90.0	90.3	0.3	57.0	57.3	0.3	58.7	59.3	0.6
	June	94.3	95.0	0.7	66.0	68.3	2.3	67.7	70.0	2.3
	July	95.0	96.0	1.0	70.3	72.0	1.7	71.8	72.9	1.2
	Aug	96.2	97.3	1.1	69.7	71.0	1.3	71.0	72.4	1.4
	Sep 1-15	93.7	94.3	0.7	63.7	67.3	3.7	65.3	69.3	4.0
	Sep 16-30	91.7	92.7	1.0	59.7	59.3	-0.3	61.5	61.2	-0.3
	Sep	93.0	93.3	0.3	61.7	62.3	0.7	63.1	64.2	1.0
	Oct	87.3	87.7	0.3	45.5	47.3	1.8	47.9	49.6	1.7
Nov	79.7	79.7	0.0	34.7	37.7	3.0	36.7	39.7	3.1	
Dec	74.0	75.8	1.8	29.3	32.0	2.7	31.4	33.5	2.1	
MA 3 stations	Jan	48.0	49.7	1.6	9.7	8.0	-1.7	11.3	9.9	-1.4
	Feb	47.7	48.6	0.9	10.0	12.0	2.0	11.6	14.4	2.8
	Mar	53.0	57.1	4.1	19.7	19.4	-0.3	21.3	21.3	0.1
	Apr	65.4	66.7	1.3	31.7	31.7	0.0	32.9	33.5	0.6
	May	75.7	76.4	0.8	39.7	40.8	1.2	41.2	43.1	1.9
	June	84.3	83.7	-0.7	49.6	49.3	-0.3	51.1	51.4	0.3
	July	86.7	87.7	1.0	56.3	57.7	1.3	57.9	59.2	1.3
	Aug	84.3	86.3	2.0	54.0	56.0	2.0	55.9	57.8	1.9
	Sep 1-15	82.7	83.0	0.3	48.8	50.7	1.9	50.7	52.3	1.6
	Sep 16-30	77.1	78.3	1.3	42.3	45.0	2.7	44.3	47.2	2.9
	Sep	80.7	81.0	0.3	45.0	46.7	1.7	47.0	48.8	1.8
	Oct	73.0	71.3	-1.7	35.5	36.2	0.8	37.3	37.9	0.6
Nov	62.3	63.0	0.7	27.0	27.0	0.0	28.8	29.1	0.3	
Dec	52.0	55.2	3.2	12.7	18.0	5.3	14.6	19.6	4.9	
MD 2 stations	Jan	57.8	59.0	1.3	15.0	16.0	1.0	17.1	17.7	0.6
	Feb	58.0	61.0	3.0	16.5	18.0	1.5	18.5	19.4	1.0
	Mar	67.0	69.5	2.5	26.0	26.0	0.0	27.3	27.4	0.2
	Apr	79.5	79.5	0.0	35.5	35.5	0.0	37.6	38.2	0.6
	May	85.0	86.0	1.0	45.5	45.2	-0.4	47.5	48.2	0.7
	June	92.0	91.5	-0.5	55.5	56.5	1.0	57.5	58.4	0.9
	July	93.5	94.5	1.0	63.0	62.0	-1.0	64.7	64.3	-0.4
	Aug	91.5	91.5	0.0	60.3	60.6	0.3	62.2	62.9	0.7
	Sep 1-15	89.0	89.3	0.3	54.7	55.5	0.8	56.3	58.1	1.8
	Sep 16-30	85.5	83.0	-2.5	48.5	49.5	1.0	50.5	51.9	1.4
	Sep	88.0	87.1	-0.9	51.0	52.0	1.0	53.2	54.0	0.8
	Oct	78.0	78.5	0.5	39.5	38.0	-1.5	41.5	40.0	-1.5
Nov	68.5	68.5	0.0	29.0	28.5	-0.5	30.9	31.0	0.1	
Dec	59.0	62.0	3.0	18.0	22.0	4.0	19.8	23.8	4.0	
ME 2 stations	Jan	39.5	40.0	0.5	-8.0	-7.0	1.0	-6.1	-4.8	1.3
	Feb	39.5	40.5	1.0	-8.0	-3.5	4.5	-5.8	-1.5	4.3
	Mar	46.2	49.1	3.0	5.2	6.6	1.5	7.5	8.8	1.3
	Apr	59.5	62.0	2.5	23.5	24.5	1.0	24.9	26.4	1.5
	May	76.5	75.3	-1.3	31.7	35.3	3.7	34.3	37.4	3.2
	June	83.0	82.5	-0.5	42.5	45.0	2.6	44.5	46.9	2.4
	July	85.5	85.0	-0.5	48.5	51.5	3.0	50.6	53.7	3.1
	Aug	83.0	84.0	1.0	45.0	49.5	4.5	46.8	51.4	4.7
	Sep 1-15	80.5	81.1	0.6	38.5	43.5	5.1	40.8	45.7	4.9
	Sep 16-30	74.0	75.0	1.0	33.0	37.0	4.0	34.3	39.6	5.3
	Sep	78.0	78.5	0.5	34.0	40.0	6.0	36.5	41.7	5.2
	Oct	67.5	67.0	-0.5	26.5	28.5	2.0	28.3	30.3	2.0
Nov	54.5	56.0	1.5	17.0	17.4	0.4	19.3	19.7	0.4	
Dec	42.5	45.5	3.0	-3.0	4.0	7.0	-0.5	6.1	6.6	

State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
MI 4 stations	Jan	36.3	39.0	2.8	-4.3	-2.3	2.0	-1.7	0.1	1.8
	Feb	37.5	40.3	2.8	-4.5	-2.2	2.4	-1.5	0.6	2.1
	Mar	46.7	53.4	6.8	4.3	4.8	0.6	7.2	7.7	0.5
	Apr	65.8	66.9	1.2	22.0	23.9	1.9	23.9	25.3	1.5
	May	77.0	78.3	1.3	30.5	33.7	3.2	32.7	35.3	2.6
	June	84.5	84.3	-0.3	41.0	44.0	3.0	43.2	46.0	2.8
	July	86.3	87.0	0.8	47.5	49.5	2.0	49.8	51.6	1.8
	Aug	84.8	84.8	0.0	45.8	49.3	3.5	48.1	51.5	3.4
	Sep 1-15	82.5	83.3	0.8	40.1	43.5	3.4	42.1	45.9	3.7
	Sep 16-30	75.0	77.3	2.3	35.1	38.0	2.9	37.7	40.5	2.8
	Sep	79.3	81.3	2.0	36.7	39.8	3.1	39.4	42.2	2.8
	Oct	71.8	69.5	-2.3	29.0	29.8	0.7	31.0	32.0	1.1
Nov	55.0	56.5	1.5	16.2	19.7	3.6	18.1	21.3	3.3	
Dec	40.4	43.3	2.8	2.0	6.8	4.8	4.4	9.0	4.6	
MN 3 stations	Jan	33.3	35.0	1.7	-17.9	-14.3	3.6	-15.7	-12.2	3.5
	Feb	37.9	39.7	1.8	-11.1	-9.7	1.5	-8.6	-7.5	1.1
	Mar	46.7	55.6	8.9	-0.6	2.8	3.4	1.6	5.2	3.6
	Apr	68.8	69.0	0.2	22.0	24.0	2.0	23.3	25.7	2.4
	May	79.2	79.0	-0.2	34.3	35.3	1.1	36.2	37.3	1.1
	June	86.0	85.0	-1.0	44.7	47.0	2.3	46.8	48.8	2.0
	July	88.3	89.3	1.0	51.7	53.3	1.7	53.8	55.2	1.4
	Aug	87.3	86.3	-1.0	49.0	51.7	2.7	51.0	53.4	2.4
	Sep 1-15	82.9	85.1	2.3	41.1	44.0	2.9	43.7	46.3	2.6
	Sep 16-30	75.7	78.3	2.7	35.7	37.6	2.0	37.5	39.6	2.1
	Sep	79.7	82.8	3.1	37.0	39.3	2.3	39.4	41.7	2.3
	Oct	73.7	70.7	-3.0	27.8	28.0	0.2	29.6	30.0	0.3
Nov	54.0	55.5	1.5	6.7	11.7	5.0	8.5	13.3	4.8	
Dec	38.3	39.7	1.3	-10.3	-6.2	4.2	-8.4	-4.3	4.1	
MO 4 stations	Jan	59.3	59.3	0.0	6.3	8.8	2.4	8.1	10.6	2.5
	Feb	61.0	62.9	1.9	12.8	12.8	0.0	14.4	14.6	0.2
	Mar	70.5	73.5	3.0	20.5	23.7	3.2	22.2	25.3	3.1
	Apr	81.8	80.5	-1.3	32.8	34.7	1.9	34.3	36.4	2.1
	May	87.3	86.0	-1.3	44.8	45.5	0.8	46.7	47.4	0.7
	June	94.0	91.5	-2.5	56.0	57.5	1.5	57.8	59.2	1.4
	July	96.0	96.8	0.8	62.3	62.5	0.3	64.0	64.4	0.4
	Aug	95.5	96.5	1.0	60.0	61.0	1.0	61.6	62.9	1.3
	Sep 1-15	93.7	92.6	-1.1	51.8	53.2	1.5	53.8	55.4	1.7
	Sep 16-30	90.0	86.3	-3.8	47.0	46.6	-0.4	48.8	48.6	-0.2
	Sep	92.0	90.3	-1.8	49.0	49.3	0.3	50.8	51.4	0.6
	Oct	84.0	80.8	-3.3	36.8	36.3	-0.5	38.6	38.1	-0.5
Nov	70.8	70.8	0.0	21.2	25.3	4.0	22.8	27.2	4.4	
Dec	59.1	59.8	0.6	11.0	13.3	2.3	12.4	15.1	2.8	
MT 8 stations	Jan	46.3	47.8	1.5	-16.2	-5.1	11.1	-14.1	-2.9	11.2
	Feb	50.2	50.0	-0.2	-3.4	-0.4	3.0	-0.8	2.2	2.9
	Mar	57.1	61.9	4.9	2.3	8.9	6.6	4.8	11.1	6.2
	Apr	69.1	69.7	0.5	21.3	22.4	1.2	23.2	24.5	1.3
	May	78.0	78.0	-0.1	32.6	30.5	-2.1	34.8	32.9	-1.9
	June	85.3	85.3	-0.1	40.9	41.0	0.2	42.8	43.3	0.5
	July	92.5	94.6	2.1	47.1	48.6	1.5	49.5	51.4	1.9
	Aug	91.2	92.6	1.4	45.9	45.8	-0.1	48.1	48.4	0.2
	Sep 1-15	87.1	88.2	1.1	36.0	38.4	2.4	38.1	40.9	2.9
	Sep 16-30	81.3	83.8	2.6	32.2	34.6	2.4	34.1	36.9	2.8
	Sep	84.8	86.5	1.8	33.9	36.4	2.5	35.9	38.5	2.6
	Oct	74.9	72.0	-2.9	24.2	24.0	-0.2	26.1	26.6	0.5
Nov	57.3	58.5	1.3	5.8	7.0	1.2	8.2	9.5	1.3	
Dec	48.9	47.5	-1.4	-3.1	-2.4	0.6	-0.8	0.2	1.0	

State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
NC 4 stations	Jan	65.3	65.8	0.5	18.8	18.6	-0.2	19.9	20.4	0.5
	Feb	67.4	67.4	0.0	21.6	22.6	1.0	23.3	24.7	1.5
	Mar	72.7	75.2	2.5	27.4	28.5	1.1	29.1	30.3	1.2
	Apr	83.2	81.4	-1.8	35.5	37.8	2.3	37.5	40.3	2.8
	May	87.6	86.4	-1.2	47.0	47.4	0.4	48.8	49.5	0.7
	June	92.2	92.2	0.0	56.6	58.6	2.0	58.2	60.7	2.5
	July	92.5	92.5	-0.1	61.8	63.3	1.5	63.1	65.2	2.1
	Aug	91.8	92.0	0.3	60.0	62.3	2.3	61.6	64.1	2.5
	Sep 1-15	89.8	88.5	-1.3	53.5	57.0	3.5	55.3	58.9	3.6
	Sep 16-30	86.7	85.5	-1.2	48.1	50.9	2.8	49.7	52.7	3.0
	Sep	88.5	87.5	-1.0	50.8	53.0	2.3	52.2	55.1	3.0
	Oct	81.3	80.2	-1.2	36.8	38.8	2.0	39.0	40.5	1.6
Nov	73.3	73.0	-0.3	27.2	28.8	1.6	29.0	30.8	1.8	
Dec	65.5	68.0	2.5	19.3	24.0	4.8	20.9	25.8	4.9	
ND 3 stations	Jan	36.3	39.7	3.3	-21.3	-16.8	4.5	-19.2	-14.8	4.4
	Feb	39.6	41.2	1.6	-13.9	-11.7	2.3	-11.5	-9.7	1.9
	Mar	50.7	56.7	6.0	-5.2	-0.3	4.9	-3.1	1.7	4.8
	Apr	70.0	71.7	1.6	20.3	21.3	0.9	22.0	22.8	0.8
	May	81.2	79.7	-1.5	32.3	32.3	-0.1	34.2	34.1	-0.1
	June	87.7	85.7	-2.0	44.3	46.7	2.3	46.3	48.7	2.3
	July	92.0	91.8	-0.2	51.0	52.3	1.3	52.8	54.2	1.3
	Aug	93.0	91.3	-1.7	48.3	48.3	0.0	50.4	50.8	0.4
	Sep 1-15	87.2	89.0	1.8	39.1	41.4	2.2	41.0	43.4	2.4
	Sep 16-30	81.0	84.0	3.0	33.0	35.0	2.0	35.3	37.8	2.5
	Sep	84.7	86.3	1.6	35.0	38.0	3.0	37.3	40.4	3.1
	Oct	76.5	72.7	-3.8	25.0	25.0	0.0	27.2	26.9	-0.3
Nov	55.3	57.3	2.0	-1.3	5.5	6.8	2.2	8.1	5.9	
Dec	41.0	41.7	0.7	-13.7	-9.7	4.0	-11.4	-7.7	3.7	
NE 4 stations	Jan	52.3	55.3	3.0	-5.5	-1.0	4.5	-3.5	1.1	4.6
	Feb	57.5	57.6	0.1	2.4	2.5	0.1	4.3	5.1	0.8
	Mar	65.1	71.7	6.6	10.2	14.2	4.0	12.0	16.5	4.5
	Apr	77.5	77.8	0.3	25.0	25.9	0.9	27.1	27.9	0.8
	May	84.5	85.8	1.3	38.1	36.5	-1.6	40.5	38.6	-1.9
	June	94.0	93.0	-1.0	49.8	49.5	-0.3	51.5	51.8	0.3
	July	96.9	97.5	0.6	56.5	56.9	0.4	58.5	59.0	0.5
	Aug	94.8	94.9	0.2	53.8	54.3	0.5	55.9	56.6	0.7
	Sep 1-15	92.3	92.8	0.5	44.0	44.7	0.7	46.2	47.3	1.0
	Sep 16-30	86.0	87.3	1.3	39.0	38.3	-0.7	41.2	41.0	-0.3
	Sep	90.3	90.7	0.5	40.3	40.6	0.3	42.7	43.1	0.4
	Oct	82.0	80.0	-2.0	28.3	27.8	-0.5	30.6	29.8	-0.8
Nov	66.6	68.0	1.4	12.7	14.3	1.6	14.5	16.7	2.2	
Dec	55.8	55.0	-0.8	1.6	1.3	-0.3	3.8	3.9	0.1	
NH 1 station	Jan	42.9	45.0	2.1	-2.0	-2.2	-0.2	1.1	0.8	-0.4
	Feb	44.0	46.5	2.5	-1.0	3.5	4.5	1.0	5.3	4.3
	Mar	52.0	57.0	5.0	10.0	10.0	0.0	12.6	12.6	0.0
	Apr	70.0	73.0	3.0	24.0	25.0	1.0	27.0	27.0	0.0
	May	82.0	82.5	0.5	32.0	33.0	1.0	34.8	35.8	1.0
	June	89.0	88.0	-1.0	43.0	45.0	2.0	45.8	47.6	1.8
	July	90.0	90.0	0.0	49.0	51.0	2.0	51.4	53.0	1.6
	Aug	88.0	88.0	0.0	45.0	49.0	4.0	47.2	51.3	4.1
	Sep 1-15	86.0	87.0	1.0	38.0	41.0	3.0	40.6	44.0	3.4
	Sep 16-30	79.0	80.0	1.0	32.0	36.0	4.0	34.3	38.2	3.9
	Sep	84.1	84.0	-0.1	34.0	38.0	4.0	37.0	40.5	3.5
	Oct	75.0	73.0	-2.0	26.0	27.0	1.0	28.4	29.0	0.6
Nov	61.0	62.0	1.0	18.0	19.0	1.0	20.0	20.2	0.2	
Dec	47.0	49.9	2.9	-1.0	7.0	8.0	1.8	9.7	7.9	

State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
NJ 2 stations	Jan	53.5	55.4	1.9	13.4	12.0	-1.4	14.4	13.9	-0.5
	Feb	54.0	56.0	2.0	14.5	15.5	1.0	15.7	17.4	1.7
	Mar	61.7	65.0	3.4	22.5	23.0	0.5	24.5	25.1	0.6
	Apr	75.1	75.5	0.4	33.5	34.5	1.0	35.0	36.5	1.5
	May	83.2	85.5	2.4	43.0	44.2	1.2	44.8	45.9	1.2
	June	90.5	90.5	0.0	53.5	54.7	1.2	55.2	56.1	0.9
	July	93.0	94.0	1.0	61.0	61.0	0.0	62.7	63.2	0.6
	Aug	90.0	91.5	1.5	58.3	59.5	1.2	59.7	61.4	1.8
	Sep 1-15	88.8	87.3	-1.5	52.5	54.0	1.5	54.1	55.7	1.6
	Sep 16-30	83.4	82.5	-0.9	45.5	48.5	3.0	47.4	49.8	2.5
	Sep	86.5	85.5	-1.0	48.5	50.5	2.0	49.9	52.2	2.3
	Oct	78.0	76.8	-1.3	38.0	37.5	-0.5	39.8	39.4	-0.5
Nov	66.5	67.0	0.5	29.0	28.0	-1.0	30.6	30.0	-0.6	
Dec	56.5	59.7	3.2	15.0	20.0	5.0	16.7	22.0	5.3	
NM 3 stations	Jan	59.7	61.0	1.3	8.3	11.9	3.5	11.0	14.3	3.3
	Feb	64.7	66.3	1.7	14.0	15.8	1.8	15.8	18.3	2.5
	Mar	72.5	76.5	4.0	19.8	22.5	2.7	22.9	25.6	2.7
	Apr	79.3	80.2	0.9	30.0	30.3	0.3	32.1	33.2	1.1
	May	86.7	89.3	2.7	40.3	39.0	-1.3	42.6	42.0	-0.6
	June	94.7	96.7	2.0	50.3	50.7	0.3	53.3	54.2	1.0
	July	92.5	93.7	1.2	55.0	54.5	-0.5	56.7	57.1	0.4
	Aug	90.0	91.5	1.5	52.0	52.0	0.0	54.6	54.4	-0.3
	Sep 1-15	89.7	90.5	0.9	49.7	50.3	0.7	52.6	52.5	-0.1
	Sep 16-30	87.3	87.7	0.3	44.8	43.6	-1.1	47.1	46.3	-0.8
	Sep	89.0	89.3	0.3	46.3	45.7	-0.6	48.6	48.2	-0.5
	Oct	80.8	81.0	0.2	34.3	32.7	-1.6	36.4	35.0	-1.3
Nov	68.7	71.3	2.7	19.3	20.7	1.3	21.7	22.8	1.1	
Dec	60.7	60.4	-0.2	12.6	12.7	0.1	14.8	15.3	0.5	
NV 6 stations	Jan	55.8	57.2	1.3	7.0	12.8	5.7	9.4	15.0	5.5
	Feb	61.8	62.0	0.2	14.0	18.6	4.6	16.8	21.0	4.2
	Mar	67.5	72.5	5.0	19.8	24.4	4.6	22.4	27.1	4.7
	Apr	78.0	78.7	0.7	27.3	29.5	2.2	30.3	32.4	2.1
	May	85.8	88.3	2.5	35.0	38.2	3.2	37.8	40.9	3.1
	June	95.7	96.3	0.7	43.5	47.8	4.4	46.8	50.9	4.1
	July	98.9	101.5	2.6	51.5	55.7	4.2	55.4	59.4	4.0
	Aug	97.4	98.7	1.2	47.7	53.2	5.5	51.4	56.7	5.3
	Sep 1-15	93.9	93.5	-0.5	43.2	46.2	3.1	46.4	49.3	2.9
	Sep 16-30	89.4	91.5	2.1	37.6	40.9	3.3	41.0	43.8	2.8
	Sep	92.5	92.7	0.2	40.0	42.9	2.9	43.3	46.2	3.0
	Oct	82.5	82.0	-0.6	29.4	31.5	2.1	32.3	34.0	1.7
Nov	66.8	67.8	1.0	16.8	21.2	4.3	19.1	23.4	4.2	
Dec	56.5	56.8	0.3	12.0	12.3	0.3	14.4	14.8	0.4	
NY 10 stations	Jan	44.6	48.4	3.8	2.8	0.6	-2.2	4.8	2.7	-2.1
	Feb	45.4	47.2	1.8	2.9	4.8	1.9	4.9	7.1	2.2
	Mar	53.6	58.4	4.7	14.4	14.3	-0.1	16.4	16.5	0.1
	Apr	70.0	71.2	1.2	28.8	29.0	0.2	30.4	30.9	0.6
	May	79.2	80.6	1.4	37.6	38.8	1.2	39.5	41.3	1.8
	June	86.7	86.1	-0.6	48.4	49.3	0.9	50.5	51.5	1.0
	July	88.8	88.6	-0.2	54.6	55.4	0.8	56.7	57.7	0.9
	Aug	86.9	86.7	-0.2	52.0	54.2	2.2	54.0	55.9	1.8
	Sep 1-15	86.0	84.9	-1.1	46.2	48.6	2.4	48.3	50.8	2.4
	Sep 16-30	79.5	78.9	-0.7	39.9	42.6	2.7	41.8	44.6	2.7
	Sep	83.6	82.6	-1.1	42.2	44.5	2.3	44.4	46.5	2.1
	Oct	74.6	72.3	-2.3	33.5	33.1	-0.4	35.2	35.1	-0.1
Nov	61.1	62.5	1.4	23.6	23.9	0.3	25.5	25.8	0.3	
Dec	49.1	52.0	2.9	7.1	12.4	5.3	8.9	14.5	5.5	



State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
OH 4 stations	Jan	51.2	52.2	1.1	6.3	5.3	-1.0	7.9	7.5	-0.4
	Feb	52.2	52.5	0.3	7.9	6.3	-1.5	9.8	8.4	-1.4
	Mar	61.9	66.4	4.5	17.8	18.0	0.3	19.1	19.6	0.5
	Apr	77.3	76.3	-1.0	28.7	30.8	2.1	30.0	32.5	2.5
	May	82.7	84.3	1.6	38.9	40.5	1.7	40.8	42.7	2.0
	June	89.0	88.5	-0.5	49.0	51.8	2.8	51.1	54.0	2.9
	July	90.5	90.5	0.0	55.0	56.5	1.5	57.0	58.2	1.3
	Aug	89.3	88.5	-0.8	52.8	55.3	2.5	54.7	57.3	2.5
	Sep 1-15	89.1	87.4	-1.7	46.5	50.0	3.5	48.8	51.8	3.0
	Sep 16-30	83.2	81.5	-1.7	41.4	44.6	3.3	43.2	46.8	3.6
	Sep	87.0	84.9	-2.1	43.5	46.5	3.0	45.4	48.3	2.9
	Oct	78.8	76.3	-2.5	33.5	34.8	1.3	35.2	36.4	1.2
Nov	66.0	65.3	-0.8	21.9	24.9	2.9	23.3	26.2	2.9	
Dec	53.3	54.8	1.6	7.8	14.8	7.0	9.8	16.3	6.5	
OK 3 stations	Jan	65.5	67.0	1.5	10.4	14.0	3.6	11.7	16.3	4.6
	Feb	69.7	70.3	0.7	17.7	17.3	-0.3	19.1	19.1	0.1
	Mar	77.0	78.0	1.0	23.7	25.7	2.0	25.2	27.7	2.5
	Apr	85.7	84.7	-1.0	34.9	36.0	1.1	36.6	38.0	1.3
	May	90.6	91.1	0.6	48.3	46.4	-2.0	50.3	48.9	-1.4
	June	96.7	96.5	-0.2	59.0	59.7	0.7	60.5	61.6	1.0
	July	100.0	102.0	2.0	65.0	65.0	0.0	66.7	66.8	0.1
	Aug	101.0	101.3	0.3	63.0	63.7	0.7	64.8	65.3	0.4
	Sep 1-15	96.7	96.6	-0.1	53.3	55.0	1.7	55.3	57.0	1.8
	Sep 16-30	93.5	92.3	-1.2	50.7	48.7	-2.0	52.7	51.0	-1.7
	Sep	95.7	94.7	-1.0	52.0	51.0	-1.0	53.7	53.1	-0.6
	Oct	88.3	85.7	-2.7	38.5	37.7	-0.8	40.6	39.7	-0.9
Nov	74.4	76.3	2.0	23.3	26.1	2.7	25.7	28.4	2.8	
Dec	65.0	65.7	0.7	15.7	16.3	0.7	17.3	18.5	1.2	
OR 7 stations	Jan	51.9	53.2	1.3	11.6	19.2	7.6	13.9	21.2	7.4
	Feb	56.5	56.7	0.2	22.0	23.5	1.5	23.9	25.6	1.7
	Mar	61.7	65.7	4.0	24.7	26.7	1.9	26.7	28.8	2.1
	Apr	70.3	71.1	0.9	30.3	30.7	0.4	32.6	33.1	0.6
	May	78.3	79.1	0.9	35.9	36.3	0.5	38.1	38.8	0.7
	June	84.3	84.7	0.4	42.3	43.0	0.7	44.7	45.4	0.7
	July	90.8	92.3	1.4	46.3	48.7	2.4	49.0	51.3	2.3
	Aug	89.4	91.6	2.2	45.9	48.0	2.1	48.4	50.7	2.3
	Sep 1-15	88.0	88.8	0.8	41.8	42.7	0.9	44.5	45.2	0.8
	Sep 16-30	83.2	84.4	1.1	37.3	39.4	2.2	39.6	41.9	2.3
	Sep	86.4	87.1	0.7	39.1	41.1	1.9	41.8	43.6	1.8
	Oct	74.8	74.4	-0.4	31.9	32.3	0.4	34.0	34.6	0.6
Nov	59.7	59.8	0.1	23.3	24.6	1.3	25.1	26.5	1.4	
Dec	52.9	53.0	0.1	21.6	20.1	-1.5	23.4	22.4	-1.1	
PA 6 stations	Jan	49.0	52.0	3.0	9.6	8.1	-1.5	11.0	10.2	-0.8
	Feb	50.3	52.4	2.0	8.9	10.8	1.9	10.8	12.5	1.8
	Mar	60.8	64.5	3.7	19.1	19.8	0.7	20.5	21.6	1.1
	Apr	76.5	76.5	-0.1	30.3	32.3	2.0	31.7	34.0	2.3
	May	82.3	83.8	1.5	40.3	41.4	1.1	42.4	43.6	1.2
	June	88.5	88.0	-0.5	50.3	52.3	2.0	52.3	54.3	2.0
	July	90.6	90.7	0.1	55.6	57.1	1.6	57.4	58.9	1.5
	Aug	88.2	88.7	0.5	53.3	56.7	3.3	55.3	58.2	2.9
	Sep 1-15	87.7	87.3	-0.4	47.6	51.4	3.8	49.8	53.4	3.6
	Sep 16-30	82.4	81.1	-1.3	41.7	45.2	3.5	43.3	47.1	3.9
	Sep	85.7	84.8	-0.9	44.2	47.5	3.3	46.1	49.5	3.4
	Oct	77.3	74.7	-2.5	34.1	35.3	1.1	35.8	36.8	1.0
Nov	64.3	65.3	1.0	24.4	26.7	2.3	26.1	28.3	2.2	
Dec	53.6	55.9	2.3	11.5	17.4	5.9	12.9	19.0	6.0	

State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
RI 1 station	Jan	51.0	52.0	1.0	9.0	8.0	-1.0	10.7	10.1	-0.6
	Feb	50.0	51.0	1.0	9.0	12.0	3.0	11.0	13.8	2.8
	Mar	55.0	59.0	4.0	20.0	19.0	-1.0	21.2	21.2	0.0
	Apr	70.0	70.0	0.0	31.0	32.2	1.2	33.0	34.2	1.2
	May	78.0	80.0	2.0	40.0	42.0	2.0	41.5	43.9	2.4
	June	86.0	87.0	1.0	50.0	52.0	2.0	51.3	53.0	1.7
	July	89.0	90.0	1.0	56.0	59.0	3.0	58.2	60.5	2.3
	Aug	86.0	88.0	2.0	53.0	58.0	5.0	55.2	59.3	4.1
	Sep 1-15	85.0	84.0	-1.0	47.7	52.0	4.3	49.2	53.8	4.6
	Sep 16-30	78.2	80.0	1.8	41.0	46.0	5.0	42.1	47.9	5.8
	Sep	83.0	82.0	-1.0	43.0	48.0	5.0	45.2	49.5	4.3
	Oct	75.0	73.0	-2.0	33.4	36.0	2.6	35.7	37.7	2.0
Nov	63.0	64.0	1.0	26.0	27.0	1.0	27.7	28.5	0.8	
Dec	54.0	57.0	3.0	12.0	18.0	6.0	13.5	19.6	6.1	
SC 2 stations	Jan	69.0	69.5	0.5	24.5	24.0	-0.5	26.1	25.6	-0.5
	Feb	71.0	71.5	0.5	26.5	28.1	1.6	28.6	29.8	1.2
	Mar	77.0	78.5	1.5	31.0	34.0	3.0	32.9	35.6	2.7
	Apr	83.5	84.0	0.5	40.3	43.0	2.8	42.4	45.3	2.9
	May	90.0	89.0	-1.0	51.5	53.0	1.5	53.5	54.8	1.3
	June	93.5	94.0	0.5	61.5	64.0	2.5	63.0	65.5	2.5
	July	94.0	95.0	1.0	67.0	68.0	1.0	68.2	69.7	1.6
	Aug	94.0	94.0	0.0	65.5	67.5	2.0	66.7	69.1	2.4
	Sep 1-15	91.5	91.0	-0.5	59.5	62.9	3.4	61.2	64.4	3.3
	Sep 16-30	88.5	87.7	-0.9	55.0	56.5	1.5	56.9	58.2	1.3
	Sep	90.0	90.0	0.0	57.5	59.0	1.5	58.9	60.6	1.7
	Oct	83.4	82.5	-0.9	42.5	44.5	2.0	44.8	45.9	1.1
Nov	75.5	76.0	0.5	31.0	34.0	3.0	33.0	35.8	2.8	
Dec	68.5	71.5	3.0	24.5	28.0	3.5	26.6	29.9	3.3	
SD 4 stations	Jan	43.9	47.2	3.3	-12.6	-9.0	3.6	-10.4	-6.7	3.7
	Feb	50.2	50.8	0.6	-6.5	-6.2	0.2	-4.2	-3.8	0.4
	Mar	57.0	66.1	9.1	1.3	6.5	5.2	3.6	8.6	5.0
	Apr	75.4	75.3	-0.1	22.8	22.8	0.0	24.4	25.0	0.6
	May	83.0	81.6	-1.4	35.7	34.1	-1.6	37.9	36.4	-1.5
	June	92.1	88.9	-3.2	47.2	47.3	0.1	49.4	49.8	0.4
	July	96.5	96.0	-0.5	53.8	53.8	0.0	56.0	56.0	0.0
	Aug	96.3	93.5	-2.8	52.0	51.3	-0.7	53.9	53.9	0.0
	Sep 1-15	92.3	92.8	0.5	42.3	42.8	0.6	44.6	45.2	0.6
	Sep 16-30	85.4	86.0	0.6	36.1	36.8	0.7	38.3	39.8	1.5
	Sep	89.5	89.8	0.2	38.0	38.8	0.8	40.2	41.8	1.7
	Oct	80.5	76.8	-3.8	26.9	26.0	-0.9	29.0	28.3	-0.7
Nov	62.0	63.5	1.5	7.5	9.3	1.8	10.2	11.7	1.5	
Dec	49.3	48.8	-0.5	-5.8	-4.7	1.1	-3.6	-2.1	1.4	
TN 2 stations	Jan	64.3	63.5	-0.8	17.5	17.5	0.0	19.1	19.3	0.2
	Feb	67.5	67.0	-0.5	20.3	23.0	2.7	22.2	24.6	2.4
	Mar	72.8	76.0	3.2	28.0	29.0	1.0	29.4	30.3	0.9
	Apr	83.1	82.5	-0.6	35.5	38.0	2.5	37.5	40.3	2.8
	May	89.0	87.5	-1.5	46.5	47.5	1.0	48.3	49.3	1.1
	June	93.5	93.0	-0.5	58.0	60.0	2.0	59.8	61.8	2.0
	July	94.5	93.5	-1.0	63.7	65.0	1.3	65.2	66.3	1.2
	Aug	94.0	94.5	0.5	62.0	64.0	2.0	63.1	65.7	2.6
	Sep 1-15	93.0	92.0	-1.0	55.5	58.5	3.0	57.2	60.0	2.8
	Sep 16-30	88.8	87.9	-0.9	50.0	51.0	1.0	51.9	52.5	0.6
	Sep	92.0	90.7	-1.3	51.9	53.1	1.2	53.8	55.1	1.3
	Oct	83.0	82.0	-1.0	37.0	38.5	1.5	38.9	40.7	1.8
Nov	72.5	72.0	-0.5	26.5	29.0	2.5	28.3	30.7	2.5	
Dec	64.0	65.5	1.5	19.5	23.0	3.5	21.2	24.9	3.7	

State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
TX 11 stations	Jan	72.9	73.7	0.8	22.4	25.6	3.2	24.2	27.6	3.5
	Feb	76.2	77.6	1.4	27.5	28.3	0.8	28.9	30.1	1.2
	Mar	81.3	82.5	1.2	32.9	34.4	1.5	34.6	36.5	1.9
	Apr	87.4	88.2	0.8	43.6	43.5	0.0	45.6	46.0	0.4
	May	92.5	94.8	2.3	54.3	54.4	0.0	56.3	56.4	0.1
	June	97.5	98.7	1.2	64.0	65.3	1.3	65.8	67.2	1.4
	July	98.5	99.5	0.9	69.0	69.1	0.1	70.3	70.5	0.2
	Aug	98.7	99.8	1.1	67.6	67.9	0.4	69.3	69.8	0.5
	Sep 1-15	95.6	96.7	1.0	60.8	62.7	1.9	62.8	64.5	1.7
	Sep 16-30	93.8	93.8	0.0	57.2	55.9	-1.3	58.7	58.2	-0.6
	Sep	94.9	95.5	0.6	58.4	58.5	0.2	60.5	60.5	0.0
	Oct	88.8	88.6	-0.2	45.9	45.4	-0.5	48.2	47.5	-0.8
Nov	78.8	80.2	1.4	31.9	33.6	1.6	33.9	35.7	1.8	
Dec	72.2	73.2	1.0	26.6	26.1	-0.5	28.4	28.1	-0.2	
UT 2 stations	Jan	51.5	52.0	0.5	3.5	7.7	4.2	6.9	10.0	3.1
	Feb	57.3	56.5	-0.8	9.3	13.5	4.2	12.0	16.3	4.3
	Mar	64.5	67.4	2.9	17.5	22.0	4.5	20.0	24.7	4.7
	Apr	74.0	74.0	0.0	27.5	28.0	0.5	29.7	30.0	0.4
	May	83.0	84.5	1.5	34.5	35.3	0.8	36.5	38.0	1.5
	June	92.6	94.0	1.5	43.5	45.0	1.5	46.0	47.6	1.6
	July	96.5	98.0	1.5	54.0	57.5	3.5	57.6	61.0	3.4
	Aug	94.0	94.0	0.0	52.0	55.0	3.0	54.6	57.8	3.2
	Sep 1-15	91.0	89.0	-2.0	44.1	45.4	1.3	47.1	48.2	1.1
	Sep 16-30	85.9	87.0	1.2	37.5	39.9	2.4	40.2	42.5	2.3
	Sep	89.0	88.5	-0.5	40.5	42.5	2.0	42.6	44.9	2.3
	Oct	79.0	78.0	-1.1	30.0	30.5	0.5	32.2	33.0	0.8
Nov	64.0	64.5	0.5	16.0	19.0	3.0	18.0	20.9	2.9	
Dec	52.0	52.5	0.5	9.7	8.1	-1.7	12.2	11.3	-0.9	
VA 4 stations	Jan	60.2	60.9	0.7	15.9	17.3	1.4	17.6	18.9	1.3
	Feb	61.8	62.8	1.0	18.3	20.5	2.3	19.7	22.2	2.5
	Mar	70.5	72.3	1.8	25.5	27.3	1.8	27.1	28.9	1.9
	Apr	83.3	81.8	-1.5	34.8	38.0	3.3	36.8	39.6	2.8
	May	87.9	86.5	-1.4	45.5	47.0	1.5	47.5	49.0	1.5
	June	92.6	91.5	-1.1	55.0	57.9	2.9	56.8	59.6	2.8
	July	94.3	94.6	0.4	61.3	63.5	2.3	63.4	65.1	1.8
	Aug	93.0	93.3	0.3	59.5	62.8	3.3	61.2	63.9	2.8
	Sep 1-15	90.8	90.0	-0.8	52.9	56.7	3.9	54.4	58.4	4.0
	Sep 16-30	87.8	85.3	-2.4	47.0	51.3	4.3	48.4	52.5	4.1
	Sep	89.5	88.8	-0.8	49.0	52.8	3.8	51.0	54.8	3.9
	Oct	80.9	79.5	-1.4	37.5	39.3	1.8	39.2	41.2	2.0
Nov	71.0	70.3	-0.8	27.8	30.3	2.5	29.4	31.7	2.4	
Dec	61.3	63.0	1.7	17.8	23.7	5.8	19.4	25.1	5.6	
VT 1 station	Jan	40.0	43.0	3.0	-8.0	-8.0	0.0	-5.2	-6.0	-0.8
	Feb	40.0	43.0	3.0	-9.0	-2.0	7.0	-6.8	0.2	7.0
	Mar	49.0	54.0	5.0	6.0	7.5	1.5	8.2	9.3	1.1
	Apr	67.0	70.0	3.0	25.0	27.0	2.0	27.3	28.3	1.0
	May	79.0	81.0	2.0	32.0	37.0	5.0	33.9	38.8	4.9
	June	86.0	86.0	0.0	45.0	48.0	3.0	47.0	49.8	2.8
	July	88.0	88.0	0.0	51.0	54.0	3.0	52.9	55.7	2.8
	Aug	85.0	87.0	2.0	48.0	52.0	4.0	49.8	53.5	3.7
	Sep 1-15	84.0	86.0	2.0	41.0	46.0	5.0	43.4	48.5	5.1
	Sep 16-30	76.0	77.6	1.6	34.0	40.0	6.0	36.5	41.8	5.3
	Sep	81.0	83.0	2.0	37.0	42.0	5.0	39.2	44.2	5.0
	Oct	72.0	70.0	-2.0	28.0	30.0	2.0	30.4	32.0	1.6
Nov	58.0	60.0	2.0	19.0	21.0	2.0	20.8	22.5	1.7	
Dec	45.0	48.0	3.0	-1.5	6.0	7.5	0.8	8.0	7.2	

State	Month	90 <sup>th</sup> percentile 1-hr max. temp., °F			10 <sup>th</sup> percentile 1-hr min. temp., °F			10 <sup>th</sup> percentile 6-hr min. temp., °F		
		Doner	Modern	Diff.	Doner	Modern	Diff.	Doner	Modern	Diff.
WA 7 stations	Jan	49.3	51.0	1.7	11.4	19.6	8.1	13.2	21.8	8.6
	Feb	54.0	54.5	0.5	22.9	23.7	0.8	24.5	25.6	1.0
	Mar	58.8	61.6	2.8	26.3	28.3	2.0	27.9	30.1	2.2
	Apr	68.5	69.2	0.8	32.0	31.9	-0.1	34.0	34.1	0.1
	May	78.0	77.7	-0.3	37.6	37.7	0.1	39.9	40.2	0.3
	June	83.3	83.7	0.4	44.9	45.3	0.4	47.2	47.8	0.6
	July	89.9	91.0	1.1	49.0	50.1	1.2	51.4	52.5	1.1
	Aug	88.3	90.0	1.7	48.1	49.9	1.7	50.7	52.2	1.6
	Sep 1-15	84.7	85.9	1.2	43.4	44.5	1.0	45.7	46.9	1.2
	Sep 16-30	80.0	80.3	0.4	39.7	40.9	1.2	42.0	43.4	1.4
	Sep	82.7	83.7	1.0	41.3	42.6	1.3	43.6	44.7	1.1
	Oct	70.8	69.9	-0.9	33.4	32.9	-0.6	35.4	35.1	-0.3
Nov	56.3	56.8	0.5	24.6	23.7	-0.9	26.1	25.6	-0.5	
Dec	49.8	49.2	-0.7	21.2	19.1	-2.1	23.0	21.0	-2.0	
WI 5 stations	Jan	37.8	39.8	2.1	-10.9	-6.0	4.9	-8.5	-4.1	4.4
	Feb	40.6	42.2	1.6	-4.9	-4.4	0.5	-2.2	-2.1	0.1
	Mar	49.8	59.6	9.7	6.8	9.6	2.8	8.8	11.3	2.6
	Apr	71.6	71.9	0.3	25.6	27.4	1.8	27.0	29.3	2.4
	May	81.0	81.0	0.0	35.8	37.6	1.8	37.8	39.5	1.7
	June	88.0	87.2	-0.8	46.2	48.8	2.6	48.1	50.7	2.6
	July	88.4	90.2	1.8	52.9	54.0	1.1	55.0	55.8	0.9
	Aug	88.6	87.6	-1.0	50.6	52.8	2.2	52.5	54.6	2.1
	Sep 1-15	87.0	86.1	-0.8	43.1	46.0	2.9	45.3	47.8	2.5
	Sep 16-30	78.0	80.3	2.3	37.0	39.2	2.2	39.4	41.2	1.8
	Sep	82.8	83.8	1.0	39.4	41.6	2.2	41.5	43.8	2.3
	Oct	75.5	73.9	-1.6	29.7	30.2	0.5	31.8	32.2	0.4
Nov	58.8	59.8	1.0	12.3	17.0	4.7	14.2	19.0	4.8	
Dec	41.5	44.2	2.7	-4.7	0.0	4.7	-2.3	2.2	4.5	
WV 3 stations	Jan	57.6	58.7	1.1	8.3	8.0	-0.3	10.5	10.4	-0.1
	Feb	59.4	60.1	0.7	10.6	11.3	0.8	12.4	14.4	1.9
	Mar	68.3	70.3	2.0	19.7	20.2	0.6	21.7	22.2	0.5
	Apr	81.3	80.3	-1.0	29.7	30.7	1.0	31.3	32.7	1.5
	May	84.5	84.3	-0.2	38.7	39.0	0.3	40.8	41.5	0.7
	June	89.3	88.3	-1.0	48.7	51.3	2.7	50.6	53.0	2.4
	July	90.3	90.4	0.0	53.3	55.3	2.0	55.5	57.2	1.7
	Aug	89.0	89.3	0.3	52.0	54.4	2.4	53.8	56.4	2.6
	Sep 1-15	89.0	88.1	-0.9	45.8	48.3	2.6	47.7	50.3	2.5
	Sep 16-30	84.5	83.0	-1.5	39.0	43.1	4.1	40.7	45.1	4.5
	Sep	87.7	86.7	-1.0	42.2	45.0	2.8	44.1	46.8	2.7
	Oct	79.3	78.0	-1.3	31.0	32.0	1.0	32.4	33.8	1.3
Nov	68.3	69.7	1.3	21.3	22.8	1.5	22.9	25.1	2.2	
Dec	59.3	60.5	1.2	10.0	15.7	5.7	12.2	17.9	5.7	
WY 4 stations	Jan	47.3	49.0	1.8	-6.0	-1.5	4.6	-3.7	1.5	5.2
	Feb	52.0	50.9	-1.1	1.0	1.8	0.8	3.4	4.2	0.8
	Mar	57.3	63.3	6.0	5.9	11.8	5.9	8.2	14.3	6.1
	Apr	68.5	69.8	1.2	20.2	21.0	0.8	21.9	23.0	1.2
	May	77.3	78.7	1.5	32.3	30.3	-2.0	33.9	32.2	-1.7
	June	86.8	88.2	1.4	41.1	40.0	-1.1	43.1	42.4	-0.7
	July	91.5	93.8	2.3	49.3	50.0	0.7	51.6	52.6	1.0
	Aug	89.3	91.5	2.3	47.3	46.8	-0.5	49.7	49.4	-0.3
	Sep 1-15	86.3	87.0	0.8	37.7	38.0	0.3	39.7	40.4	0.6
	Sep 16-30	80.8	82.8	2.0	32.8	33.6	0.9	34.2	36.1	1.8
	Sep	84.3	85.5	1.2	34.5	35.5	1.0	36.5	37.9	1.4
	Oct	75.3	73.9	-1.4	25.5	24.3	-1.2	27.8	26.4	-1.4
Nov	59.3	61.5	2.3	7.5	9.3	1.8	10.0	11.6	1.6	
Dec	50.4	48.5	-1.9	2.6	-0.3	-2.9	5.3	2.6	-2.8	

\* Due to very limited numbers of stations in many states, paired t-test statistical analyses were not performed to assess temperature differences between the Doner era and the Modern era by state.