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## Annual Summary of Weather Data for Parsons - 2021

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## Annual Summary of Weather Data for Parsons - 2021

### Abstract

This report includes the annual summary of precipitation and temperatures from 2021 at the research locations represented in the 2021 Southeast Research and Extension Center Agricultural Research Report.

### Keywords

Southeast Kansas, experiment field, Parsons, Kansas weather, crop conditions

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# 2022 SEREC

## AGRICULTURAL RESEARCH

### Annual Summary of Weather Data for Parsons - 2021

2021 Data													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Avg. Max	43.5	34.8	61.2	66.7	70.9	86.5	87.8	88.8	86.6	72.6	58.8	58.0	68.0
Avg. Min	25.5	14.8	38.4	44.5	53.2	65.0	67.2	68.5	59.7	48.4	34.2	33.5	46.1
Avg. Mean	34.5	24.8	49.8	55.6	62.1	75.7	77.5	78.6	73.2	60.5	46.5	45.8	57.0
Precip	4.29	0.65	6.33	2.3	6.03	8.15	9.9	3.29	2.68	5.77	0.51	1.37	51.29
Snow	0.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4
Heat DD*	946	1166	471	296	147	6	0	0	13	176	556	577	4351
Cool DD*	0	0	0	13	56	327	387	423	259	35	0	0	1499
Rain Days	10	6	13	10	19	10	7	11	5	10	3	5	109
Min < 10	0	9	0	0	0	0	0	0	0	0	0	0	9
Min < 32	29	27	5	2	0	0	0	0	0	0	9	13	85
Max > 90	0	0	0	0	0	11	9	14	7	0	0	0	41

Normal values (1981–2010)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Avg. Max	42.0	47.6	57.1	67.1	75.7	84.4	90.0	90.3	81.3	69.6	56.6	44.2	67.2
Avg. Min	21.8	26.0	35.0	44.5	55.0	64.1	68.5	66.6	57.6	45.5	35.3	24.6	45.5
Avg. Mean	31.9	36.8	46.1	55.8	65.3	74.2	79.3	78.5	69.4	57.6	46.0	34.4	56.4
Precip	1.41	1.77	3.19	4.38	5.93	5.53	3.92	3.29	4.69	3.86	2.94	2.06	42.97
Snow	2.8	1.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.7	8.7
Heat DD	1026	790	590	299	85	8	1	1	52	260	574	948	4632
Cool DD	0	0	2	23	96	285	442	418	186	29	2	0	1483

Departure from normal													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Avg. Max	1.5	-12.8	4.1	-0.4	-4.8	2.1	-2.2	-1.5	5.3	3.0	2.2	13.8	0.9
Avg. Min	3.7	-11.2	3.4	0.0	-1.8	0.9	-1.3	1.9	2.1	2.9	-1.1	8.9	0.7
Avg. Mean	2.6	-12.0	3.7	-0.2	-3.2	1.5	-1.8	0.1	3.8	2.9	0.5	11.4	0.8
Precip	2.88	-1.12	3.14	-2.06	0.1	2.62	5.98	0	-2.01	1.91	-2.43	-0.69	8.32
Snow	-1.9	5.8	-1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-2.7	-0.3
Heat DD	-81	376	-120	-4	62	-3	-1	-1	-39	-85	-19	-371	-283
Cool DD	0	0	-2	-11	-40	42	-55	5	73	6	-2	0	16

\* Daily values were computed from mean temperatures. Each degree that a day's mean is below (or above) 65°F is counted for one heating (or cooling degree day).

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