

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	01	01	79	59	61	0.00		0.0		0.0								
2004	01	02	71	59	60	0.00		0.0		0.0								
2004	01	03				0.00		0.0		0.0								
2004	01	04	74	58	61	0.00		0.0		0.0								
2004	01	05	75	59	63	0.00		0.0		0.0								
2004	01	06				0.00		0.0		0.0								
2004	01	07	58	47	51	0.00		0.0		0.0								
2004	01	08	59	42	43	0.00		0.0		0.0								
2004	01	09	69	43	54	0.00		0.0		0.0								
2004	01	10	72	47	47	0.03		0.0		0.0								
2004	01	11	54	41	49	0.00		0.0		0.0								
2004	01	12	62	43	43	0.00		0.0		0.0								
2004	01	13				0.00		0.0		0.0								
2004	01	14	64	42	45	0.00		0.0		0.0								
2004	01	15	64	45	51	0.00		0.0		0.0								
2004	01	16	65	51	54	0.00		0.0		0.0								
2004	01	17				0.00		0.0		0.0								
2004	01	18	69	54	63	0.00		0.0		0.0								
2004	01	19	72	58	58	0.50		0.0		0.0								
2004	01	20	68	42	42	0.05		0.0		0.0								
2004	01	21	61	42	53	0.00		0.0		0.0								
2004	01	22	65	48	48	0.00		0.0		0.0								
2004	01	23	70	41	45	0.00		0.0		0.0								
2004	01	24	66	39	39	0.00		0.0		0.0								
2004	01	25	71	40	49	0.00		0.0		0.0								
2004	01	26	70	48	60	0.00		0.0		0.0								
2004	01	27	80	60	66	0.47		0.0		0.0								
2004	01	28	78	45	45	0.00		0.0		0.0								
2004	01	29	58	39	39	0.00		0.0		0.0								
2004	01	30	61	38	50	0.00		0.0		0.0								
2004	01	31				0.00		0.0		0.0								
Summary			68	47		1.05		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	02	01	66	50	61	0.62		0.0		0.0								
2004	02	02	66	60	60	1.12		0.0		0.0								
2004	02	03	72	54	54	0.00		0.0		0.0								
2004	02	04	64	54	57	0.00		0.0		0.0								
2004	02	05	68	56	63	0.00		0.0		0.0								
2004	02	06	73	63	70	0.00		0.0		0.0								
2004	02	07	83	63	63	0.17		0.0		0.0								
2004	02	08	70	42	42	0.00		0.0		0.0								
2004	02	09	62	39	61	0.00		0.0		0.0								
2004	02	10	70	55	57	0.00		0.0		0.0								
2004	02	11	69	57	58	0.00		0.0		0.0								
2004	02	12	67	58	62	0.00		0.0		0.0								
2004	02	13	84	55	56	0.00		0.0		0.0								
2004	02	14	59	56	57	0.00		0.0		0.0								
2004	02	15	66	57	65	0.00		0.0		0.0								
2004	02	16	73	48	49	0.00		0.0		0.0								
2004	02	17	64	48	53	0.02		0.0		0.0								
2004	02	18	54	42	42	0.00		0.0		0.0								
2004	02	19	57	40	41	0.00		0.0		0.0								
2004	02	20	63	39	45	0.00		0.0		0.0								
2004	02	21	72	46	58	0.00		0.0		0.0								
2004	02	22	81	56	56	0.00		0.0		0.0								
2004	02	23	68	52	53	0.00		0.0		0.0								
2004	02	24						0.0		0.0								
2004	02	25	68	60	61	1.67		0.0		0.0								
2004	02	26	64	59	60	0.26		0.0		0.0								
2004	02	27	60	45	45	0.10		0.0		0.0								
2004	02	28	48	43	48	0.02		0.0		0.0								
2004	02	29	62	48	49	0.00		0.0		0.0								
Summary			67	52		3.98		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	03	01	69	47	59	0.00		0.0		0.0								
2004	03	02	72	56	61	0.00		0.0		0.0								
2004	03	03	74	59	60	0.00		0.0		0.0								
2004	03	04	76	57	64	0.00		0.0		0.0								
2004	03	05	74	61	66	0.00		0.0		0.0								
2004	03	06	75	64	64	0.00		0.0		0.0								
2004	03	07	87	64	70	0.00		0.0		0.0								
2004	03	08	85	58	59	0.02		0.0		0.0								
2004	03	09	68	46	48	0.00		0.0		0.0								
2004	03	10	69	48	51	0.00		0.0		0.0								
2004	03	11	63	47	48	0.00		0.0		0.0								
2004	03	12				0.00		0.0		0.0								
2004	03	13	70	45	53	0.00		0.0		0.0								
2004	03	14	74	53	56	0.00		0.0		0.0								
2004	03	15	76	56	60	0.00		0.0		0.0								
2004	03	16	75	58	72	0.14		0.0		0.0								
2004	03	17	74	58	63	0.16		0.0		0.0								
2004	03	18	73	53	53	0.00		0.0		0.0								
2004	03	19	76	53	65	0.00		0.0		0.0								
2004	03	20				0.00		0.0		0.0								
2004	03	21	76	57	57	0.00		0.0		0.0								
2004	03	22	85	56	60	0.00		0.0		0.0								
2004	03	23	66	55	61	0.00		0.0		0.0								
2004	03	24	72	61	63	0.00		0.0		0.0								
2004	03	25	71	63	65	0.00		0.0		0.0								
2004	03	26	75	63	70	0.05		0.0		0.0								
2004	03	27	76	65	70	0.00		0.0		0.0								
2004	03	28	77	61	61	0.00		0.0		0.0								
2004	03	29	77	59	64	0.32		0.0		0.0								
2004	03	30				0.00		0.0		0.0								
2004	03	31	76	54	61	0.00		0.0		0.0								
Summary			74	56		0.69		0.0										

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Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	04	01	80	53	53	0.00		0.0		0.0								
2004	04	02	71	49	54	0.00		0.0		0.0								
2004	04	03	75	51	53	0.00		0.0		0.0								
2004	04	04	71	53	53	0.00		0.0		0.0								
2004	04	05	80	52	54	0.00		0.0		0.0								
2004	04	06				0.00		0.0		0.0								
2004	04	07	76	52	62	0.00		0.0		0.0								
2004	04	08	80	61	64	0.00		0.0		0.0								
2004	04	09	82	64	66	0.81		0.0		0.0								
2004	04	10						0.0		0.0								
2004	04	11						0.0		0.0								
2004	04	12	80	61	69	0.87		0.0		0.0								
2004	04	13	82	66	73	0.14		0.0		0.0								
2004	04	14	78	48	48	0.00		0.0		0.0								
2004	04	15	70	46	50	0.00		0.0		0.0								
2004	04	16				0.00		0.0		0.0								
2004	04	17	75	49	68	0.00		0.0		0.0								
2004	04	18	76	65	65	0.00		0.0		0.0								
2004	04	19	77	65	67	0.00		0.0		0.0								
2004	04	20				0.00		0.0		0.0								
2004	04	21	77	57	61	0.00		0.0		0.0								
2004	04	22	76	59	66	0.00		0.0		0.0								
2004	04	23				0.00		0.0		0.0								
2004	04	24	80	64	68	0.00		0.0		0.0								
2004	04	25	81	68	72	0.00		0.0		0.0								
2004	04	26	80	68	68	0.00		0.0		0.0								
2004	04	27						0.0		0.0								
2004	04	28	83	58	58	0.03		0.0		0.0								
2004	04	29	81	56	71	0.00		0.0		0.0								
2004	04	30	80	70	71	0.00		0.0		0.0								
Summary			78	58		1.85		0.0										

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Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	05	01	81	71	75	0.12		0.0		0.0								
2004	05	02	82	72	72	0.07		0.0		0.0								
2004	05	03	83	70	70	0.30		0.0		0.0								
2004	05	04	76	65	66	0.03		0.0		0.0								
2004	05	05	77	62	63	0.00		0.0		0.0								
2004	05	06	78	59	61	0.00		0.0		0.0								
2004	05	07				0.00		0.0		0.0								
2004	05	08				0.00		0.0		0.0								
2004	05	09	82	60	68	0.00		0.0		0.0								
2004	05	10	82	67	72	0.00		0.0		0.0								
2004	05	11				0.00		0.0		0.0								
2004	05	12	82	70	73	0.00		0.0		0.0								
2004	05	13	83	72	73	0.00		0.0		0.0								
2004	05	14				0.00		0.0		0.0								
2004	05	15				0.00		0.0		0.0								
2004	05	16	83	73	73	0.00		0.0		0.0								
2004	05	17	82	72	73	0.00		0.0		0.0								
2004	05	18				0.00		0.0		0.0								
2004	05	19	83	70	70	0.00		0.0		0.0								
2004	05	20	83	69	73	0.00		0.0		0.0								
2004	05	21	83	68	68	0.00		0.0		0.0								
2004	05	22				0.00		0.0		0.0								
2004	05	23	83	67	68	0.00		0.0		0.0								
2004	05	24	83	67	68	0.00		0.0		0.0								
2004	05	25	83	66	73	0.00		0.0		0.0								
2004	05	26	82	69	69	0.00		0.0		0.0								
2004	05	27	87	68	70	0.00		0.0		0.0								
2004	05	28	87	69	70	0.00		0.0		0.0								
2004	05	29	92	70	71	0.00		0.0		0.0								
2004	05	30	89	68	68	0.00		0.0		0.0								
2004	05	31	85	67	73	0.00		0.0		0.0								
Summary			83	68		0.52		0.0										

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Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	06	01	100	73		0.00		0.0		0.0								
2004	06	02	86	71		0.17		0.0		0.0								
2004	06	03	93	68	69	0.39		0.0		0.0								
2004	06	04						0.0		0.0								
2004	06	05						0.0		0.0								
2004	06	06	83	72	71	0.32		0.0		0.0								
2004	06	07	86	68	68	0.65		0.0		0.0								
2004	06	08				0.00		0.0		0.0								
2004	06	09	84	68	74	0.00		0.0		0.0								
2004	06	10	83	74	75	0.00		0.0		0.0								
2004	06	11	84	70	76	0.52		0.0		0.0								
2004	06	12	89	73	75	0.55		0.0		0.0								
2004	06	13	89	73	75	0.00		0.0		0.0								
2004	06	14	88	74	74	0.12		0.0		0.0								
2004	06	15				0.00		0.0		0.0								
2004	06	16	87	73	77	0.00		0.0		0.0								
2004	06	17	87	76	77	0.00		0.0		0.0								
2004	06	18	88	75	75	0.00		0.0		0.0								
2004	06	19	87	75	77	0.00		0.0		0.0								
2004	06	20	90	72	76	0.62		0.0		0.0								
2004	06	21	90	73	73	0.35		0.0		0.0								
2004	06	22	88	73	73	0.77		0.0		0.0								
2004	06	23	92	74	74	0.39		0.0		0.0								
2004	06	24	94	73	76	0.00		0.0		0.0								
2004	06	25	85	75	76	0.00		0.0		0.0								
2004	06	26	86	71	73	0.20		0.0		0.0								
2004	06	27	87	72	73	0.06		0.0		0.0								
2004	06	28	89	73	73	0.00		0.0		0.0								
2004	06	29	86	72	72	0.00		0.0		0.0								
2004	06	30	87	71	74	0.00		0.0		0.0								
Summary			88	72		5.11		0.0										

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	07	01	87	73	76	0.00		0.0		0.0								
2004	07	02	87	74	75	0.00		0.0		0.0								
2004	07	03	87	72	72	0.05		0.0		0.0								
2004	07	04	87	72	73	0.08		0.0		0.0								
2004	07	05	89	71	73	0.05		0.0		0.0								
2004	07	06	89	72	74	0.00		0.0		0.0								
2004	07	07	92	72	76	0.00		0.0		0.0								
2004	07	08	92	72	73	0.54		0.0		0.0								
2004	07	09	87	71	73	0.43		0.0		0.0								
2004	07	10	87	73	75	0.00		0.0		0.0								
2004	07	11	89	74	85	0.00		0.0		0.0								
2004	07	12	94	72	72	1.50		0.0		0.0								
2004	07	13	94	72	76	0.00		0.0		0.0								
2004	07	14	94	72	76	0.00		0.0		0.0								
2004	07	15	95	76	78	0.00		0.0		0.0								
2004	07	16	94	73	74	0.66		0.0		0.0								
2004	07	17	93	73	75	0.60		0.0		0.0								
2004	07	18	91	74	76	0.30		0.0		0.0								
2004	07	19	84	72	74	0.30		0.0		0.0								
2004	07	20	85	74	74	0.00		0.0		0.0								
2004	07	21	89	73	73	0.01		0.0		0.0								
2004	07	22	86	73	73	0.00		0.0		0.0								
2004	07	23	86	72	73	0.00		0.0		0.0								
2004	07	24	87	72	75	0.00		0.0		0.0								
2004	07	25	87	74	74	0.00		0.0		0.0								
2004	07	26	88	74	75	0.00		0.0		0.0								
2004	07	27	88	74	74	0.00		0.0		0.0								
2004	07	28	87	73	73	1.35		0.0		0.0								
2004	07	29	85	72	77	0.00		0.0		0.0								
2004	07	30	88	76	78	0.00		0.0		0.0								
2004	07	31	88	75	76	0.00		0.0		0.0								
Summary			89	73		5.87		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	08	01	86	74	74	0.09		0.0		0.0								
2004	08	02	87	74	78	0.04		0.0		0.0								
2004	08	03	92	76	78	0.30		0.0		0.0								
2004	08	04	92	75	76	1.35		0.0		0.0								
2004	08	05	83	75	76	1.32		0.0		0.0								
2004	08	06	92	76	77	0.67		0.0		0.0								
2004	08	07	92	74	78	1.50		0.0		0.0								
2004	08	08	84	76	77	0.42		0.0		0.0								
2004	08	09	82	76	76	0.33		0.0		0.0								
2004	08	10	87	75	75	0.25		0.0		0.0								
2004	08	11	85	74	78	0.04		0.0		0.0								
2004	08	12	92	74	75	0.47		0.0		0.0								
2004	08	13	92	75	77	0.12		0.0		0.0								
2004	08	14						0.0		0.0								
2004	08	15						0.0		0.0								
2004	08	16	85	71	74	2.63		0.0		0.0								
2004	08	17	87	74	76	0.03		0.0		0.0								
2004	08	18	88	76	76	0.00		0.0		0.0								
2004	08	19	89	73	73	0.00		0.0		0.0								
2004	08	20	87	73	77	0.00		0.0		0.0								
2004	08	21	88	72	73	1.44		0.0		0.0								
2004	08	22	87	72	73	0.32		0.0		0.0								
2004	08	23	87	73	73	0.02		0.0		0.0								
2004	08	24	87	73	76	0.00		0.0		0.0								
2004	08	25				0.00		0.0		0.0								
2004	08	26	87	75	75	0.00		0.0		0.0								
2004	08	27	88	74	76	0.00		0.0		0.0								
2004	08	28	90	75	75	0.04		0.0		0.0								
2004	08	29	92	75	76	0.14		0.0		0.0								
2004	08	30	94	75	75	0.08		0.0		0.0								
2004	08	31	90	74	76	0.43		0.0		0.0								
Summary			88	74		12.03		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	09	01	90	74	77	0.00		0.0		0.0								
2004	09	02						0.0		0.0								
2004	09	03						0.0		0.0								
2004	09	04						0.0		0.0								
2004	09	05						0.0		0.0								
2004	09	06						0.0		0.0								
2004	09	07						0.0		0.0								
2004	09	08						0.0		0.0								
2004	09	09						0.0		0.0								
2004	09	10	86	75	77	0.00		0.0		0.0								
2004	09	11	87	75	79	0.00		0.0		0.0								
2004	09	12	87	73	79	0.35		0.0		0.0								
2004	09	13	87	79	78	0.22		0.0		0.0								
2004	09	14	87	79	80	0.10		0.0		0.0								
2004	09	15	83	77	80	0.04		0.0		0.0								
2004	09	16	87	80	81	0.00		0.0		0.0								
2004	09	17	89	77	77	0.12		0.0		0.0								
2004	09	18	92	76	76	0.00		0.0		0.0								
2004	09	19	88	75	76	0.00		0.0		0.0								
2004	09	20	86	73	77	0.16		0.0		0.0								
2004	09	21	82	74	78	0.23		0.0		0.0								
2004	09	22	83	77	78	0.00		0.0		0.0								
2004	09	23	85	76	78	0.05		0.0		0.0								
2004	09	24	88	76	77	0.00		0.0		0.0								
2004	09	25						0.0		0.0								
2004	09	26						0.0		0.0								
2004	09	27						0.0		0.0								
2004	09	28	90	76	76	2.30		0.0		0.0								
2004	09	29	92	74	74	0.00		0.0		0.0								
2004	09	30	86	73	74	0.00		0.0		0.0								
Summary			87	76		3.57		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	10	01				0.00		0.0		0.0								
2004	10	02	86	74	75	0.00		0.0		0.0								
2004	10	03	86	74	74	0.00		0.0		0.0								
2004	10	04	86	73	75	0.00		0.0		0.0								
2004	10	05	86	74	74	0.00		0.0		0.0								
2004	10	06	83	74	78	0.05		0.0		0.0								
2004	10	07	84	76	77	0.00		0.0		0.0								
2004	10	08	82	76	76	0.00		0.0		0.0								
2004	10	09	82	73	77	0.04		0.0		0.0								
2004	10	10	84	74	77	0.10		0.0		0.0								
2004	10	11	84	77	78	0.00		0.0		0.0								
2004	10	12	78	68	72	0.65		0.0		0.0								
2004	10	13	81	72	73	0.02		0.0		0.0								
2004	10	14	86	63	63	0.00		0.0		0.0								
2004	10	15	84	62	69	0.00		0.0		0.0								
2004	10	16	77	55	54	0.17		0.0		0.0								
2004	10	17	86	54	59	0.02		0.0		0.0								
2004	10	18	79	64	67	0.00		0.0		0.0								
2004	10	19	82	67	72	0.00		0.0		0.0								
2004	10	20	87	70	71	1.57		0.0		0.0								
2004	10	21	88	71	71	0.00		0.0		0.0								
2004	10	22	83	70	73	0.00		0.0		0.0								
2004	10	23	81	71	75	0.00		0.0		0.0								
2004	10	24	82	64	74	0.00		0.0		0.0								
2004	10	25	80	62	65	0.00		0.0		0.0								
2004	10	26	81	65	70	0.00		0.0		0.0								
2004	10	27	83	70	73	0.00		0.0		0.0								
2004	10	28	81	67	71	0.00		0.0		0.0								
2004	10	29	82	69	70	0.00		0.0		0.0								
2004	10	30	81	69	70	0.00		0.0		0.0								
2004	10	31	82	66	66	0.00		0.0		0.0								
Summary			83	69		2.62		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	11	01	82	68	73	0.00		0.0		0.0								
2004	11	02	82	73	74	0.50		0.0		0.0								
2004	11	03	83	69	69	0.00		0.0		0.0								
2004	11	04	82	67	73	0.00		0.0		0.0								
2004	11	05	87	69	69	0.06		0.0		0.0								
2004	11	06	76	61	61	0.00		0.0		0.0								
2004	11	07	79	60	60	0.00		0.0		0.0								
2004	11	08	77	55	56	0.00		0.0		0.0								
2004	11	09	77	54	73	0.00		0.0		0.0								
2004	11	10	75	67	71	0.05		0.0		0.0								
2004	11	11	77	71	72	0.00		0.0		0.0								
2004	11	12	78	66	69	0.06		0.0		0.0								
2004	11	13	83	67	67	0.00		0.0		0.0								
2004	11	14	80	65	72	0.01		0.0		0.0								
2004	11	15	77	69	71	0.04		0.0		0.0								
2004	11	16	77	69	69	0.00		0.0		0.0								
2004	11	17	77	60	60	0.00		0.0		0.0								
2004	11	18	78	59	61	0.00		0.0		0.0								
2004	11	19	77	59	60	0.00		0.0		0.0								
2004	11	20	76	59	63	0.00		0.0		0.0								
2004	11	21	78	63	63	0.00		0.0		0.0								
2004	11	22	78	62	64	0.00		0.0		0.0								
2004	11	23	77	64	65	0.00		0.0		0.0								
2004	11	24	80	65	68	0.00		0.0		0.0								
2004	11	25	81	68	72	0.32		0.0		0.0								
2004	11	26	81	50	49	0.08		0.0		0.0								
2004	11	27	70	48	60	0.00		0.0		0.0								
2004	11	28	77	60	62	0.02		0.0		0.0								
2004	11	29	71	53	54	0.00		0.0		0.0								
2004	11	30	76	54	71	0.00		0.0		0.0								
Summary			78	62		1.14		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	12	01	78	64	66	0.00		0.0		0.0								
2004	12	02	80	61	61	0.00		0.0		0.0								
2004	12	03	72	53	53	0.00		0.0		0.0								
2004	12	04	70	52	55	0.00		0.0		0.0								
2004	12	05	63	51	53	0.02		0.0		0.0								
2004	12	06	74	52	63	0.00		0.0		0.0								
2004	12	07	77	61	68	0.00		0.0		0.0								
2004	12	08	80	67	67	0.00		0.0		0.0								
2004	12	09	82	66	67	0.00		0.0		0.0								
2004	12	10	84	66	69	0.00		0.0		0.0								
2004	12	11	80	57	58	0.40		0.0		0.0								
2004	12	12	67	43	43	0.00		0.0		0.0								
2004	12	13	67	42	49	0.00		0.0		0.0								
2004	12	14	74	49	50	0.00		0.0		0.0								
2004	12	15	58	39	39	0.00		0.0		0.0								
2004	12	16	60	39	57	0.00		0.0		0.0								
2004	12	17	67	50	56	0.17		0.0		0.0								
2004	12	18	69	55	59	0.00		0.0		0.0								
2004	12	19	68	47	47	0.00		0.0		0.0								
2004	12	20	68	40	40	0.00		0.0		0.0								
2004	12	21	50	37	44	0.00		0.0		0.0								
2004	12	22	67	37	54	0.00		0.0		0.0								
2004	12	23	72	53	66	0.00		0.0		0.0								
2004	12	24	70	62	62	0.88		0.0		0.0								
2004	12	25	62	50	52	0.08		0.0		0.0								
2004	12	26	62	51	62	1.00		0.0		0.0								
2004	12	27	62	39	39	0.11		0.0		0.0								
2004	12	28	60	39	50	0.00		0.0		0.0								
2004	12	29	68	50	55	0.00		0.0		0.0								
2004	12	30	67	52	52	0.00		0.0		0.0								
2004	12	31				0.00		0.0		0.0								
Summary			69	51		2.66		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	01	01	71	52	57	0.00		0.0		0.0								
2005	01	02	73	52	57	0.00		0.0		0.0								
2005	01	03	74	56	59	0.00		0.0		0.0								
2005	01	04				0.00		0.0		0.0								
2005	01	05	74	59	64	0.00		0.0		0.0								
2005	01	06	74	59	60	0.00		0.0		0.0								
2005	01	07	81	60	62	0.00		0.0		0.0								
2005	01	08	72	61	65	0.00		0.0		0.0								
2005	01	09	81	59	60	0.00		0.0		0.0								
2005	01	10	75	59	59	0.00		0.0		0.0								
2005	01	11	76	58	58	0.00		0.0		0.0								
2005	01	12	71	57	66	0.00		0.0		0.0								
2005	01	13	75	63	67	0.00		0.0		0.0								
2005	01	14	73	67	73	0.05		0.0		0.0								
2005	01	15						0.0		0.0								
2005	01	16	73	56	57	1.30		0.0		0.0								
2005	01	17	57	44	44	0.02		0.0		0.0								
2005	01	18	53	40	48	0.00		0.0		0.0								
2005	01	19	59	42	53	0.00		0.0		0.0								
2005	01	20	63	43	47	0.00		0.0		0.0								
2005	01	21	67	50	46	0.00		0.0		0.0								
2005	01	22	73	45	55	0.00		0.0		0.0								
2005	01	23	72	51	72	0.18		0.0		0.0								
2005	01	24	52	34	35	0.00		0.0		0.0								
2005	01	25	56	34	37	0.00		0.0		0.0								
2005	01	26	67	37	50	0.00		0.0		0.0								
2005	01	27	74	49	58	0.00		0.0		0.0								
2005	01	28	69	57	61	0.00		0.0		0.0								
2005	01	29	62	60	60	0.10		0.0		0.0								
2005	01	30	68	59	59	0.02		0.0		0.0								
2005	01	31	77	48	52	0.00		0.0		0.0								
Summary			69	52		1.67		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	02	01	62	51	55	0.00		0.0		0.0								
2005	02	02	65	54	55	0.12		0.0		0.0								
2005	02	03	61	54	55	0.13		0.0		0.0								
2005	02	04	68	46	48	0.10		0.0		0.0								
2005	02	05	56	48	48	0.00		0.0		0.0								
2005	02	06	62	46	51	0.00		0.0		0.0								
2005	02	07	68	46	56	0.00		0.0		0.0								
2005	02	08	67	53	55	0.02		0.0		0.0								
2005	02	09	69	51	52	0.00		0.0		0.0								
2005	02	10	71	50	58	0.00		0.0		0.0								
2005	02	11	74	40	40	0.03		0.0		0.0								
2005	02	12	57	38	41	0.00		0.0		0.0								
2005	02	13	63	39	43	0.00		0.0		0.0								
2005	02	14	64	39	52	0.00		0.0		0.0								
2005	02	15	75	50	58	0.00		0.0		0.0								
2005	02	16	74	58	60	0.00		0.0		0.0								
2005	02	17	82	59	62	0.00		0.0		0.0								
2005	02	18	80	53	54	0.00		0.0		0.0								
2005	02	19	62	52	54	0.00		0.0		0.0								
2005	02	20	67	51	55	0.00		0.0		0.0								
2005	02	21	70	55	57	0.00		0.0		0.0								
2005	02	22	80	57	59	0.00		0.0		0.0								
2005	02	23	78	59	65	0.00		0.0		0.0								
2005	02	24	71	64	64	0.00		0.0		0.0								
2005	02	25				0.00		0.0		0.0								
2005	02	26	67	58	58	0.00		0.0		0.0								
2005	02	27	69	58	62	0.11		0.0		0.0								
2005	02	28	73	58	58	0.70		0.0		0.0								
Summary			69	51		1.21		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	03	01	76	49	49	0.00		0.0		0.0								
2005	03	02	70	44	44	0.00		0.0		0.0								
2005	03	03	58	41	45	0.00		0.0		0.0								
2005	03	04	55	45	47	0.18		0.0		0.0								
2005	03	05	65	45	45	0.00		0.0		0.0								
2005	03	06	73	44	51	0.00		0.0		0.0								
2005	03	07	71	51	55	0.00		0.0		0.0								
2005	03	08	69	55	69	0.00		0.0		0.0								
2005	03	09	75	54	56	0.00		0.0		0.0								
2005	03	10	56	43	44	0.52		0.0		0.0								
2005	03	11	63	43	48	0.00		0.0		0.0								
2005	03	12	73	46	52	0.00		0.0		0.0								
2005	03	13	75	54	49	0.00		0.0		0.0								
2005	03	14	82	52	60	0.00		0.0		0.0								
2005	03	15	81	52	63	0.00		0.0		0.0								
2005	03	16	71	62	66	0.17		0.0		0.0								
2005	03	17	79	63	63	0.23		0.0		0.0								
2005	03	18	63	51	51	0.84		0.0		0.0								
2005	03	19	58	42	43	0.00		0.0		0.0								
2005	03	20	65	42	49	0.00		0.0		0.0								
2005	03	21	70	42	63	0.05		0.0		0.0								
2005	03	22	73	63	65	0.02		0.0		0.0								
2005	03	23	78	64	66	0.34		0.0		0.0								
2005	03	24	79	57	61	0.56		0.0		0.0								
2005	03	25	70	61	70	0.00		0.0		0.0								
2005	03	26	75	66	68	1.38		0.0		0.0								
2005	03	27	69	64	67	0.33		0.0		0.0								
2005	03	28	87	67	68	0.50		0.0		0.0								
2005	03	29	76	56	57	0.02		0.0		0.0								
2005	03	30	82	55	55	0.00		0.0		0.0								
2005	03	31	73	54	65	0.00		0.0		0.0								
Summary			71	52		5.14		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	04	01	80	63	68	0.00		0.0		0.0								
2005	04	02	86	66	68	0.00		0.0		0.0								
2005	04	03	77	52	52	0.12		0.0		0.0								
2005	04	04	76	50	52	0.00		0.0		0.0								
2005	04	05	76	51	58	0.00		0.0		0.0								
2005	04	06	76	57	68	0.00		0.0		0.0								
2005	04	07	78	68	69	0.00		0.0		0.0								
2005	04	08	79	64	64	1.20		0.0		0.0								
2005	04	09	81	59	60	0.00		0.0		0.0								
2005	04	10	78	59	66	0.00		0.0		0.0								
2005	04	11	78	63	66	0.00		0.0		0.0								
2005	04	12	78	62	62	0.00		0.0		0.0								
2005	04	13	77	61	70	0.00		0.0		0.0								
2005	04	14	85	58	57	0.05		0.0		0.0								
2005	04	15	75	57	59	0.00		0.0		0.0								
2005	04	16	71	59	62	0.00		0.0		0.0								
2005	04	17	71	57	61	0.00		0.0		0.0								
2005	04	18	73	55	61	0.00		0.0		0.0								
2005	04	19	77	57	58	0.00		0.0		0.0								
2005	04	20	75	56	62	0.00		0.0		0.0								
2005	04	21	77	60	61	0.00		0.0		0.0								
2005	04	22	76	59	62	0.00		0.0		0.0								
2005	04	23	78	60	61	0.00		0.0		0.0								
2005	04	24	80	55	55	0.08		0.0		0.0								
2005	04	25	80	50	51	0.00		0.0		0.0								
2005	04	26	70	50	59	0.00		0.0		0.0								
2005	04	27	82	59	66	0.54		0.0		0.0								
2005	04	28	80	57	59	0.43		0.0		0.0								
2005	04	29	76	58	60	0.00		0.0		0.0								
2005	04	30	77	58	66	0.00		0.0		0.0								
Summary			77	58		2.42		0.0										

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	05	01	81	65	69	0.52		0.0		0.0								
2005	05	02	75	67	68	0.20		0.0		0.0								
2005	05	03	79	61	63	0.00		0.0		0.0								
2005	05	04	80	61	71	0.04		0.0		0.0								
2005	05	05	73	64	70	3.29		0.0		0.0								
2005	05	06	74	65	66	0.43		0.0		0.0								
2005	05	07	72	58	59	0.00		0.0		0.0								
2005	05	08	76	57	59	0.00		0.0		0.0								
2005	05	09	82	59	62	0.00		0.0		0.0								
2005	05	10	82	61	64	0.00		0.0		0.0								
2005	05	11	81	64	66	0.00		0.0		0.0								
2005	05	12	79	64	65	0.00		0.0		0.0								
2005	05	13	81	64	68	0.00		0.0		0.0								
2005	05	14	83	66	71	0.00		0.0		0.0								
2005	05	15	82	66	68	0.00		0.0		0.0								
2005	05	16	81	66	67	0.00		0.0		0.0								
2005	05	17	81	67	70	0.00		0.0		0.0								
2005	05	18				0.00		0.0		0.0								
2005	05	19	84	69	73	0.00		0.0		0.0								
2005	05	20	83	69	69	0.00		0.0		0.0								
2005	05	21	82	67	70	0.00		0.0		0.0								
2005	05	22	85	69	70	1.37		0.0		0.0								
2005	05	23	82	67	68	0.02		0.0		0.0								
2005	05	24	86	67	71	0.00		0.0		0.0								
2005	05	25	93	71	71	0.12		0.0		0.0								
2005	05	26	81	69	70	0.00		0.0		0.0								
2005	05	27	80	69	71	0.00		0.0		0.0								
2005	05	28	82	71	72	0.25		0.0		0.0								
2005	05	29	84	69	69	0.00		0.0		0.0								
2005	05	30	85	68	73	0.00		0.0		0.0								
2005	05	31	90	71	74	1.94		0.0		0.0								
Summary			81	66		8.18		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	06	01	78	71	74	0.60		0.0		0.0								
2005	06	02	77	69	73	0.43		0.0		0.0								
2005	06	03	84	73	73	0.00		0.0		0.0								
2005	06	04	80	71	73	1.03		0.0		0.0								
2005	06	05	81	71	72	0.05		0.0		0.0								
2005	06	06	81	71	72	0.26		0.0		0.0								
2005	06	07	84	71	72	0.00		0.0		0.0								
2005	06	08	85	72	76	0.00		0.0		0.0								
2005	06	09	86	74	78	0.00		0.0		0.0								
2005	06	10	85	75	78	0.08		0.0		0.0								
2005	06	11	83	77	78	0.04		0.0		0.0								
2005	06	12	83	75	77	0.76		0.0		0.0								
2005	06	13	83	77	77	0.00		0.0		0.0								
2005	06	14				0.00		0.0		0.0								
2005	06	15	85	73	76	0.00		0.0		0.0								
2005	06	16	89	74	75	0.64		0.0		0.0								
2005	06	17	89	73	74	0.21		0.0		0.0								
2005	06	18	91	73	75	0.11		0.0		0.0								
2005	06	19	83	72	72	0.05		0.0		0.0								
2005	06	20	91	72	72	0.00		0.0		0.0								
2005	06	21	86	72	75	0.00		0.0		0.0								
2005	06	22	84	73	74	0.25		0.0		0.0								
2005	06	23	85	71	72	0.04		0.0		0.0								
2005	06	24	87	71	76	0.00		0.0		0.0								
2005	06	25	79	72	75	1.04		0.0		0.0								
2005	06	26	86	74	76	0.20		0.0		0.0								
2005	06	27	88	76	79	0.06		0.0		0.0								
2005	06	28	87	76	77	0.01		0.0		0.0								
2005	06	29	85	75	76	0.07		0.0		0.0								
2005	06	30	83	75	76	1.30		0.0		0.0								
Summary			84	73		7.23		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	07	01	85	75	75	0.43		0.0		0.0								
2005	07	02	91	75	78	0.14		0.0		0.0								
2005	07	03	88	76	77	0.25		0.0		0.0								
2005	07	04	90	70	76	0.00		0.0		0.0								
2005	07	05	89	74	74	0.20		0.0		0.0								
2005	07	06	88	74	77	0.00		0.0		0.0								
2005	07	07	91	76	78	0.00		0.0		0.0								
2005	07	08	88	77	80	0.00		0.0		0.0								
2005	07	09	89	78	81	0.00		0.0		0.0								
2005	07	10	87	74	74	0.40		0.0		0.0								
2005	07	11				0.00		0.0		0.0								
2005	07	12	85	75	76	0.00		0.0		0.0								
2005	07	13	86	76	78	0.00		0.0		0.0								
2005	07	14	87	77	78	0.00		0.0		0.0								
2005	07	15	87	77	78	0.00		0.0		0.0								
2005	07	16	89	77	78	0.00		0.0		0.0								
2005	07	17	89	76	78	0.00		0.0		0.0								
2005	07	18	90	77	79	0.00		0.0		0.0								
2005	07	19	88	78	80	0.00		0.0		0.0								
2005	07	20	89	78	78	0.00		0.0		0.0								
2005	07	21	89	78	78	0.00		0.0		0.0								
2005	07	22	89	77	77	0.00		0.0		0.0								
2005	07	23	90	76	80	0.00		0.0		0.0								
2005	07	24	98	75	76	0.10		0.0		0.0								
2005	07	25	92	76	78	0.00		0.0		0.0								
2005	07	26	92	74	74	0.00		0.0		0.0								
2005	07	27	90	74	77	0.00		0.0		0.0								
2005	07	28	90	75	79	0.00		0.0		0.0								
2005	07	29	90	78	81	0.00		0.0		0.0								
2005	07	30	91	75	76	0.00		0.0		0.0								
2005	07	31	90	74	75	0.00		0.0		0.0								
Summary			89	76		1.52		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	08	01						0.0		0.0								
2005	08	02	90	75	75	0.11		0.0		0.0								
2005	08	03	92	75	77	0.00		0.0		0.0								
2005	08	04	91	76	76	0.00		0.0		0.0								
2005	08	05						0.0		0.0								
2005	08	06	93	73	74	0.05		0.0		0.0								
2005	08	07	91	71	73	0.70		0.0		0.0								
2005	08	08	89	73	74	1.50		0.0		0.0								
2005	08	09	87	73	76	0.00		0.0		0.0								
2005	08	10	89	76	77	0.15		0.0		0.0								
2005	08	11	90	76	77	0.04		0.0		0.0								
2005	08	12	89	77	79	0.00		0.0		0.0								
2005	08	13	91	75	75	0.22		0.0		0.0								
2005	08	14	92	75	78	0.00		0.0		0.0								
2005	08	15	91	75	75	0.00		0.0		0.0								
2005	08	16	90	75	78	0.00		0.0		0.0								
2005	08	17	91	75	79	0.00		0.0		0.0								
2005	08	18	92	77	79	0.00		0.0		0.0								
2005	08	19	90	78	79	0.00		0.0		0.0								
2005	08	20	94	78	78	0.00		0.0		0.0								
2005	08	21	91	76	76	0.00		0.0		0.0								
2005	08	22	92	76	78	0.00		0.0		0.0								
2005	08	23	90	77	79	0.00		0.0		0.0								
2005	08	24				0.00		0.0		0.0								
2005	08	25	92	78	83	0.00		0.0		0.0								
2005	08	26	92	78	82	0.04		0.0		0.0								
2005	08	27	89	79	82	0.05		0.0		0.0								
2005	08	28	90	82	82	0.00		0.0		0.0								
2005	08	29	92	80	81	0.04		0.0		0.0								
2005	08	30	91	75	78	0.21		0.0		0.0								
2005	08	31	95	77	78	0.00		0.0		0.0								
Summary			91	76		3.11		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	09	01	91	77	77	0.15		0.0		0.0								
2005	09	02	91	75	78	1.00		0.0		0.0								
2005	09	03	91	78	79	0.04		0.0		0.0								
2005	09	04	91	79	81	0.00		0.0		0.0								
2005	09	05	90	73	73	0.10		0.0		0.0								
2005	09	06	90	73	80	0.16		0.0		0.0								
2005	09	07	84	75	77	1.41		0.0		0.0								
2005	09	08						0.0		0.0								
2005	09	09	79	76	78	0.56		0.0		0.0								
2005	09	10	82	73	73	0.73		0.0		0.0								
2005	09	11	88	72	75	0.01		0.0		0.0								
2005	09	12	88	73	74	0.00		0.0		0.0								
2005	09	13	91	72	72	0.00		0.0		0.0								
2005	09	14	93	71	74	0.00		0.0		0.0								
2005	09	15	96	73	74	0.00		0.0		0.0								
2005	09	16	87	72	72	0.00		0.0		0.0								
2005	09	17	90	71	73	0.00		0.0		0.0								
2005	09	18	89	73	73	0.00		0.0		0.0								
2005	09	19	89	72	80	0.00		0.0		0.0								
2005	09	20	89	80	81	0.00		0.0		0.0								
2005	09	21						0.0		0.0								
2005	09	22	87	76	78	0.36		0.0		0.0								
2005	09	23	81	75	80	0.47		0.0		0.0								
2005	09	24	88	79	79	0.00		0.0		0.0								
2005	09	25	87	78	79	0.00		0.0		0.0								
2005	09	26	87	75	75	0.00		0.0		0.0								
2005	09	27	87	73	73	0.00		0.0		0.0								
2005	09	28	87	71	71	0.04		0.0		0.0								
2005	09	29	86	70	70	0.79		0.0		0.0								
2005	09	30	85	70	74	0.00		0.0		0.0								
Summary			88	74		5.82		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	10	01	87	74	79	0.00		0.0		0.0								
2005	10	02	87	78	80	0.07		0.0		0.0								
2005	10	03	86	78	78	0.08		0.0		0.0								
2005	10	04	86	75	79	0.18		0.0		0.0								
2005	10	05	84	74	76	0.10		0.0		0.0								
2005	10	06	85	76	76	0.26		0.0		0.0								
2005	10	07	85	76	77	0.28		0.0		0.0								
2005	10	08	83	75	76	2.14		0.0		0.0								
2005	10	09	86	75	76	1.70		0.0		0.0								
2005	10	10	86	75	75	0.03		0.0		0.0								
2005	10	11	88	74	77	0.00		0.0		0.0								
2005	10	12	86	75	77	0.46		0.0		0.0								
2005	10	13	82	75	77	1.20		0.0		0.0								
2005	10	14	83	75	75	0.30		0.0		0.0								
2005	10	15	84	72	73	0.00		0.0		0.0								
2005	10	16	85	69	70	0.00		0.0		0.0								
2005	10	17	83	66	66	0.00		0.0		0.0								
2005	10	18	83	66	69	0.00		0.0		0.0								
2005	10	19	83	68	70	0.00		0.0		0.0								
2005	10	20	84	69	78	0.00		0.0		0.0								
2005	10	21	86	75	76	0.00		0.0		0.0								
2005	10	22	84	73	73	0.00		0.0		0.0								
2005	10	23	85	73	75	0.03		0.0		0.0								
2005	10	24						0.0		0.0								
2005	10	25	82	49	49	3.07		0.0		0.0								
2005	10	26	66	48	51	0.00		0.0		0.0								
2005	10	27	69	49	54	0.00		0.0		0.0								
2005	10	28	75	53	58	0.00		0.0		0.0								
2005	10	29	76	58	65	0.00		0.0		0.0								
2005	10	30	75	65	68	0.01		0.0		0.0								
2005	10	31	76	68	72	0.00		0.0		0.0								
Summary			82	69		9.91		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	12	01	73	48	48	0.00		0.0		0.0								
2005	12	02	69	47	49	0.00		0.0		0.0								
2005	12	03	66	47	48	0.00		0.0		0.0								
2005	12	04	70	47	56	0.00		0.0		0.0								
2005	12	05	77	55	55	0.00		0.0		0.0								
2005	12	06	80	60	65	0.00		0.0		0.0								
2005	12	07	67	59	66	0.00		0.0		0.0								
2005	12	08	73	61	67	0.00		0.0		0.0								
2005	12	09	70	64	69	0.14		0.0		0.0								
2005	12	10	75	53	53	0.35		0.0		0.0								
2005	12	11	70	52	54	0.00		0.0		0.0								
2005	12	12	56	44	44	0.15		0.0		0.0								
2005	12	13	61	44	47	0.00		0.0		0.0								
2005	12	14	63	46	50	0.00		0.0		0.0								
2005	12	15	69	50	59	0.00		0.0		0.0								
2005	12	16	76	57	57	0.00		0.0		0.0								
2005	12	17	65	52	63	0.00		0.0		0.0								
2005	12	18	69	62	65	0.08		0.0		0.0								
2005	12	19	64	58	58	0.09		0.0		0.0								
2005	12	20				0.00		0.0		0.0								
2005	12	21	65	46		0.00		0.0		0.0								
2005	12	22	65	44	44	0.00		0.0		0.0								
2005	12	23	65	43	45	0.00		0.0		0.0								
2005	12	24	65	43	50	0.00		0.0		0.0								
2005	12	25	69	48	59	0.00		0.0		0.0								
2005	12	26	71	47	48	0.00		0.0		0.0								
2005	12	27	64	42	42	0.00		0.0		0.0								
2005	12	28	67	42	45	0.00		0.0		0.0								
2005	12	29	70	44	59	0.05		0.0		0.0								
2005	12	30	71	48	48	0.00		0.0		0.0								
2005	12	31	65	48	52	0.00		0.0		0.0								
Summary			68	50		0.86		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Record of Climatological Observations
These data are quality controlled and may not be identical
to the original observations.

Generated on 05/22/2018

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	01	01	71	55	55	0.00		0.0		0.0								
2004	01	02	73	55	60	0.00		0.0		0.0								
2004	01	03	73	55	59	0.00		0.0		0.0								
2004	01	04	76	55	65	0.00		0.0		0.0								
2004	01	05	81	59	59	0.00		0.0		0.0								
2004	01	06	68	42	44	0.00		0.0		0.0								
2004	01	07	56	40	40	0.00		0.0		0.0								
2004	01	08	68	40	54	0.00		0.0		0.0								
2004	01	09	74	47	48	0.10		0.0		0.0								
2004	01	10		40	48	0.00		0.0		0.0								
2004	01	11	74	38	40	0.00		0.0		0.0								
2004	01	12	61	40	41	0.00		0.0		0.0								
2004	01	13	66	39	45	0.00		0.0		0.0								
2004	01	14	66	45	49	0.00		0.0		0.0								
2004	01	15	73	46	46	0.00		0.0		0.0								
2004	01	16	60	43	50	0.00		0.0		0.0								
2004	01	17	69	50	63	0.00		0.0		0.0								
2004	01	18	72	57	53	0.60		0.0		0.0								
2004	01	19	69	43	43	0.30		0.0		0.0								
2004	01	20	57	39	44	0.00		0.0		0.0								
2004	01	21	43	39	44	0.00		0.0		0.0								
2004	01	22	68	40	41	0.00		0.0		0.0								
2004	01	23		36		0.00		0.0		0.0								
2004	01	24	70	36	61	0.00		0.0		0.0								
2004	01	25	80	60	65	1.65		0.0		0.0								
2004	01	26	78	42	43	0.00		0.0		0.0								
2004	01	27	56	35	35	0.00		0.0		0.0								
2004	01	28	58	38	44	0.00		0.0		0.0								
2004	01	29	62	36	54	0.00		0.0		0.0								
2004	01	30	69	34	56	0.00		0.0		0.0								
2004	01	31	69	34	62	0.41		0.0		0.0								
Summary			68	44		3.06		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations
These data are quality controlled and may not be identical
to the original observations.

Generated on 05/22/2018

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	02	01						0.0		0.0								
2004	02	02	69	34	60	1.10		0.0		0.0								
2004	02	03	74	34	54	0.00		0.0		0.0								
2004	02	04	62	54	56	0.00		0.0		0.0								
2004	02	05	67	56	65	0.00		0.0		0.0								
2004	02	06	76	63	70	0.00		0.0		0.0								
2004	02	07	84	64	65	0.31		0.0		0.0								
2004	02	08	84	37	61	0.00		0.0		0.0								
2004	02	09	70	54	55	0.00		0.0		0.0								
2004	02	10	69	54	59	0.00		0.0		0.0								
2004	02	11	84	55	55	0.00		0.0		0.0								
2004	02	12	58	54	57	0.00		0.0		0.0								
2004	02	13	64	56	65	0.50		0.0		0.0								
2004	02	14	73	47	47	0.00		0.0		0.0								
2004	02	15	73	45	52	0.00		0.0		0.0								
2004	02	16	53	40	40	0.00		0.0		0.0								
2004	02	17	54	38	38	0.00		0.0		0.0								
2004	02	18	63	36	40	0.00		0.0		0.0								
2004	02	19	67	40	51	0.00		0.0		0.0								
2004	02	20	76	40	55	0.00		0.0		0.0								
2004	02	21	82	40	56	0.00		0.0		0.0								
2004	02	22	83	43	52	0.00		0.0		0.0								
2004	02	23	74	53	61	T		0.0		0.0								
2004	02	24	75	61	61	1.50		0.0		0.0								
2004	02	25	59	65	59	0.00		0.0		0.0								
2004	02	26	59	45	45	0.00		0.0		0.0								
2004	02	27	55	42		0.03		0.0		0.0								
2004	02	28	59	41		0.00		0.0		0.0								
2004	02	29	71	41	58	0.00		0.0		0.0								
Summary			69	48		3.44		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	03	01	74	58	59	0.00		0.0		0.0								
2004	03	02	77	58	60	0.00		0.0		0.0								
2004	03	03	77	56	61	0.00		0.0		0.0								
2004	03	04	81	60	68	0.00		0.0		0.0								
2004	03	05	77	60	62	0.00		0.0		0.0								
2004	03	06	87	65	69	0.00		0.0		0.0								
2004	03	07	87	58	58	0.00		0.0		0.0								
2004	03	08	65	45	45	0.00		0.0		0.0								
2004	03	09	69	44	48	0.00		0.0		0.0								
2004	03	10	58	43	43	0.00		0.0		0.0								
2004	03	11	65	43	46	0.00		0.0		0.0								
2004	03	12	72	44	54	0.00		0.0		0.0								
2004	03	13	74	46	65	0.00		0.0		0.0								
2004	03	14	75	46	57	0.00		0.0		0.0								
2004	03	15	76	46	71	0.00		0.0		0.0								
2004	03	16	76	63	63	1.00		0.0		0.0								
2004	03	17	75	50	50	0.00		0.0		0.0								
2004	03	18	76	49	56	0.00		0.0		0.0								
2004	03	19	77	55		0.00		0.0		0.0								
2004	03	20	77	55		0.00		0.0		0.0								
2004	03	21	84	55	60	0.00		0.0		0.0								
2004	03	22	63	55	59	0.00		0.0		0.0								
2004	03	23	68	59	63	0.00		0.0		0.0								
2004	03	24	69	63	66	0.00		0.0		0.0								
2004	03	25	73	64	67	0.00		0.0		0.0								
2004	03	26	75	66	67	0.00		0.0		0.0								
2004	03	27	76	59	59	0.00		0.0		0.0								
2004	03	28	76	58	62	0.00		0.0		0.0								
2004	03	29	71	52	52	0.00		0.0		0.0								
2004	03	30	76	52	60	0.00		0.0		0.0								
2004	03	31	81	50	50	0.00		0.0		0.0								
Summary			74	54		1.00		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	04	01	69	47	47	0.00		0.0		0.0								
2004	04	02	74	47	57	0.00		0.0		0.0								
2004	04	03	74	47	52	0.00		0.0		0.0								
2004	04	04	79	47	52	0.00		0.0		0.0								
2004	04	05	70	49	50	0.00		0.0		0.0								
2004	04	06	73	49	59	0.00		0.0		0.0								
2004	04	07	81	49	62	0.00		0.0		0.0								
2004	04	08	81	62	66	0.00		0.0		0.0								
2004	04	09	80	59	62	0.00		0.0		0.0								
2004	04	10	81	61	62	0.00		0.0		0.0								
2004	04	11	80	60	69	0.60		0.0		0.0								
2004	04	12	83	60	73	0.20		0.0		0.0								
2004	04	13	82	48	49	0.00		0.0		0.0								
2004	04	14	70	46	48	0.00		0.0		0.0								
2004	04	15	70	46	50	0.00		0.0		0.0								
2004	04	16	74	49	65	0.00		0.0		0.0								
2004	04	17	75	65	66	0.00		0.0		0.0								
2004	04	18	75	64	67	0.00		0.0		0.0								
2004	04	19	76	57	57	0.00		0.0		0.0								
2004	04	20	77	55	59	0.00		0.0		0.0								
2004	04	21	77	56	64	0.00		0.0		0.0								
2004	04	22	80	63	66	0.00		0.0		0.0								
2004	04	23	80	64	69	0.00		0.0		0.0								
2004	04	24	80	64	68	0.00		0.0		0.0								
2004	04	25	85	66	69	0.00		0.0		0.0								
2004	04	26	85	56	56	0.20		0.0		0.0								
2004	04	27	78	55	71	0.00		0.0		0.0								
2004	04	28	79	55	72	0.00		0.0		0.0								
2004	04	29	80	72		0.38		0.0		0.0								
2004	04	30				0.00		0.0		0.0								
Summary			78	56		1.38		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations
These data are quality controlled and may not be identical
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Generated on 05/22/2018

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	05	01	86	70	71	0.24		0.0		0.0								
2004	05	02	86	70	70	0.80		0.0		0.0								
2004	05	03	76	65	67	0.00		0.0		0.0								
2004	05	04	73	57	57	0.00		0.0		0.0								
2004	05	05	74	54	59	0.00		0.0		0.0								
2004	05	06	80	54	64	0.00		0.0		0.0								
2004	05	07	83	54	64	0.00		0.0		0.0								
2004	05	08	82	56	61	0.00		0.0		0.0								
2004	05	09	80	60	72	0.00		0.0		0.0								
2004	05	10	81	60	72	0.00		0.0		0.0								
2004	05	11	82	71	74	0.00		0.0		0.0								
2004	05	12	82	73	74	0.00		0.0		0.0								
2004	05	13	82	74	74	0.00		0.0		0.0								
2004	05	14	82	73	73	0.00		0.0		0.0								
2004	05	15	82	73	73	0.00		0.0		0.0								
2004	05	16	82	73	74	0.00		0.0		0.0								
2004	05	17	83	73	74	0.00		0.0		0.0								
2004	05	18	83	69	69	0.00		0.0		0.0								
2004	05	19	82	68	69	0.00		0.0		0.0								
2004	05	20	82	66	66	0.00		0.0		0.0								
2004	05	21	81	66	66	0.00		0.0		0.0								
2004	05	22	83	66	66	0.00		0.0		0.0								
2004	05	23	84	68	67	0.00		0.0		0.0								
2004	05	24	87	65	67	0.00		0.0		0.0								
2004	05	25	83	66	67	0.00		0.0		0.0								
2004	05	26	82	66	69	0.00		0.0		0.0								
2004	05	27	88	68	71	0.00		0.0		0.0								
2004	05	28	89	68	71	0.00		0.0		0.0								
2004	05	29	90	70	70	0.00		0.0		0.0								
2004	05	30	90	66	75	0.00		0.0		0.0								
2004	05	31	90	66	72	0.00		0.0		0.0								
Summary			83	66		1.04		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	06	01	98	72	74	0.00		0.0		0.0								
2004	06	02	98	73	75	0.20		0.0		0.0								
2004	06	03	94	68	69	2.25		0.0		0.0								
2004	06	04	89	69	71	0.80		0.0		0.0								
2004	06	05	89	69	69	0.41		0.0		0.0								
2004	06	06	89	69	71	0.10		0.0		0.0								
2004	06	07	89	67	68	0.00		0.0		0.0								
2004	06	08	83	68	70	0.00		0.0		0.0								
2004	06	09	75	71	75	0.00		0.0		0.0								
2004	06	10	85	75	75	0.00		0.0		0.0								
2004	06	11	87	70	70	0.10		0.0		0.0								
2004	06	12			71	0.16												
2004	06	13	90	70	74	0.38		0.0										
2004	06	14	91	70	76	0.00		0.0										
2004	06	15	86	74	78	0.00		0.0		0.0								
2004	06	16	86	72	78	0.00		0.0		0.0								
2004	06	17	85	77	77	0.00		0.0		0.0								
2004	06	18	93	74	76	0.30		0.0		0.0								
2004	06	19	93	72	73	0.00		0.0		0.0								
2004	06	20	90	73	74	0.10		0.0		0.0								
2004	06	21	93	73	74	0.11		0.0		0.0								
2004	06	22	95	73	76	0.00		0.0		0.0								
2004	06	23	89	73	75	0.00		0.0		0.0								
2004	06	24	88	73	73	0.30		0.0		0.0								
2004	06	25	91	73		0.00		0.0		0.0								
2004	06	26	91	73	73	0.05		0.0		0.0								
2004	06	27	91	73	76	0.00		0.0		0.0								
2004	06	28	88	72	72	0.00		0.0		0.0								
2004	06	29	86	72	73	0.00		0.0		0.0								
2004	06	30	86	73	76	0.00		0.0		0.0								
Summary			89	72		5.26		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Record of Climatological Observations
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Generated on 05/22/2018

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	07	01	87	73	76	0.00		0.0		0.0								
2004	07	02	87	75	75	0.00		0.0		0.0								
2004	07	03	88	70				0.0		0.0								
2004	07	04	88	72				0.0		0.0								
2004	07	05						0.0		0.0								
2004	07	06	90	70	70	0.00		0.0		0.0								
2004	07	07	93	74	76	0.00		0.0		0.0								
2004	07	08	92	72	73	0.90		0.0		0.0								
2004	07	09	94	71	71	0.80		0.0		0.0								
2004	07	10	82	71	74	0.00		0.0		0.0								
2004	07	11	90	72	73	0.00		0.0		0.0								
2004	07	12	92	73	73	2.20		0.0		0.0								
2004	07	13	86	73	75	0.00		0.0		0.0								
2004	07	14	94	75	78	0.00		0.0		0.0								
2004	07	15	95	76	78	0.00		0.0		0.0								
2004	07	16	93	72	72	1.10		0.0		0.0								
2004	07	17	93	72	75	0.30		0.0		0.0								
2004	07	18	91	74	76	0.10		0.0		0.0								
2004	07	19	87	74		4.30		0.0		0.0								
2004	07	20	87	74	74	0.00		0.0		0.0								
2004	07	21	85	73	73	0.00		0.0		0.0								
2004	07	22	86	72	72	0.00		0.0		0.0								
2004	07	23				0.00		0.0		0.0								
2004	07	24	89	72	77	0.00		0.0		0.0								
2004	07	25	89	71	74	0.00		0.0		0.0								
2004	07	26	86	73	75	0.00		0.0		0.0								
2004	07	27	87	73	74	0.20		0.0		0.0								
2004	07	28	89	73	79	T		0.0		0.0								
2004	07	29	89	77	79			0.0		0.0								
2004	07	30	88	76	76	0.00		0.0		0.0								
2004	07	31				0.00		0.0		0.0								
Summary			89	73		9.90		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Generated on 05/22/2018

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	08	01	85	74	75	0.02		0.0		0.0								
2004	08	02	88	75	78	0.02		0.0		0.0								
2004	08	03	93	78	78	T		0.0		0.0								
2004	08	04	93	76	76	0.02		0.0		0.0								
2004	08	05	92	76	76	0.90		0.0		0.0								
2004	08	06	92	75	76	T		0.0		0.0								
2004	08	07	93	75	77	3.10		0.0		0.0								
2004	08	08	93	74	77	5.20		0.0		0.0								
2004	08	09	87	74	76	2.10		0.0		0.0								
2004	08	10	85	75	75	0.10		0.0		0.0								
2004	08	11	84	74	75	T		0.0		0.0								
2004	08	12	93	71	75	0.80		0.0		0.0								
2004	08	13	98	75	77	2.50		0.0		0.0								
2004	08	14				0.20		0.0		0.0								
2004	08	15				0.20		0.0		0.0								
2004	08	16				0.70		0.0		0.0								
2004	08	17				0.72		0.0		0.0								
2004	08	18						0.0		0.0								
2004	08	19						0.0		0.0								
2004	08	20						0.0		0.0								
2004	08	21						0.0		0.0								
2004	08	22						0.0		0.0								
2004	08	23				0.70		0.0		0.0								
2004	08	24				0.30		0.0		0.0								
2004	08	25				0.40		0.0		0.0								
2004	08	26				0.70		0.0		0.0								
2004	08	27				0.30		0.0		0.0								
2004	08	28				0.00		0.0		0.0								
2004	08	29				0.00		0.0		0.0								
2004	08	30				0.00		0.0		0.0								
2004	08	31				0.00		0.0		0.0								
Summary			90	75		18.98		0.0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Record of Climatological Observations
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Generated on 05/22/2018

Observation Time Temperature: Unknown Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	09	01				T		0.0		0.0								
2004	09	02				T		0.0		0.0								
2004	09	03				0.40		0.0		0.0								
2004	09	04						0.0		0.0								
2004	09	05						0.0		0.0								
2004	09	06						0.0		0.0								
2004	09	07						0.0		0.0								
2004	09	08						0.0		0.0								
2004	09	09						0.0		0.0								
2004	09	10						0.0		0.0								
2004	09	11						0.0		0.0								
2004	09	12						0.0		0.0								
2004	09	13				0.50		0.0		0.0								
2004	09	14				T		0.0		0.0								
2004	09	15						0.0		0.0								
2004	09	16						0.0		0.0								
2004	09	17				0.05		0.0		0.0								
2004	09	18						0.0		0.0								
2004	09	19						0.0		0.0								
2004	09	20						0.0		0.0								
2004	09	21				2.00		0.0		0.0								
2004	09	22				T		0.0		0.0								
2004	09	23						0.0		0.0								
2004	09	24						0.0		0.0								
2004	09	25						0.0		0.0								
2004	09	26						0.0		0.0								
2004	09	27						0.0		0.0								
2004	09	28						0.0		0.0								
2004	09	29						0.0		0.0								
2004	09	30						0.0		0.0								
Summary						2.95		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Record of Climatological Observations
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Generated on 05/22/2018

Observation Time Temperature: Unknown Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	10	01				0.00		0.0		0.0								
2004	10	02				0.00		0.0		0.0								
2004	10	03				0.00		0.0		0.0								
2004	10	04				0.00		0.0		0.0								
2004	10	05				0.00		0.0		0.0								
2004	10	06	85	77		0.00		0.0		0.0								
2004	10	07	83	74		0.00		0.0		0.0								
2004	10	08	81	72		0.20		0.0		0.0								
2004	10	09	84	72		0.10		0.0		0.0								
2004	10	10	84	77		0.00		0.0		0.0								
2004	10	11	78	68		0.40		0.0		0.0								
2004	10	12	82	68		0.00		0.0		0.0								
2004	10	13	87	63		0.00		0.0		0.0								
2004	10	14	88	60		0.00		0.0		0.0								
2004	10	15	87	51		0.60		0.0		0.0								
2004	10	16	87	51		0.00		0.0		0.0								
2004	10	17	89	50		0.00		0.0		0.0								
2004	10	18	83	63		0.00		0.0		0.0								
2004	10	19	89	71		0.30		0.0		0.0								
2004	10	20	89	70		T		0.0		0.0								
2004	10	21	82	69		0.00		0.0		0.0								
2004	10	22	78	73		0.00		0.0		0.0								
2004	10	23	79	59		0.00		0.0		0.0								
2004	10	24	80	58		0.00		0.0		0.0								
2004	10	25	79	72		0.00		0.0		0.0								
2004	10	26	79	62		0.00		0.0		0.0								
2004	10	27	79	64		0.00		0.0		0.0								
2004	10	28	79	64		0.00		0.0		0.0								
2004	10	29	79	64		0.00		0.0		0.0								
2004	10	30	82	67		0.00		0.0		0.0								
2004	10	31	81	66		0.00		0.0		0.0								
Summary			83	66		1.60		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations
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Generated on 05/22/2018

Observation Time Temperature: Unknown Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	11	01	83	67		0.00		0.0		0.0								
2004	11	02	83	65		0.00		0.0		0.0								
2004	11	03	85	65		0.00		0.0		0.0								
2004	11	04	87	67		T		0.0		0.0								
2004	11	05	79	57		0.00		0.0		0.0								
2004	11	06	75	54		0.00		0.0		0.0								
2004	11	07	76	51		0.00		0.0		0.0								
2004	11	08	77	51		0.00		0.0		0.0								
2004	11	09	77	51		0.00		0.0		0.0								
2004	11	10	78	67		0.00		0.0		0.0								
2004	11	11	83	65		0.00		0.0		0.0								
2004	11	12	82	66		0.10		0.0		0.0								
2004	11	13	82	65		0.30		0.0		0.0								
2004	11	14	82	67		0.00		0.0		0.0								
2004	11	15	74	56		0.00		0.0		0.0								
2004	11	16	71	55		0.00		0.0		0.0								
2004	11	17	75	56		0.00		0.0		0.0								
2004	11	18	78	56		0.00		0.0		0.0								
2004	11	19	80	67		0.00		0.0		0.0								
2004	11	20	76	62		0.00		0.0		0.0								
2004	11	21	77	61		0.00		0.0		0.0								
2004	11	22				0.00		0.0		0.0								
2004	11	23				0.00		0.0		0.0								
2004	11	24				0.00		0.0		0.0								
2004	11	25	82	61		0.60		0.0		0.0								
2004	11	26	82	47		0.20		0.0		0.0								
2004	11	27	82	45		0.00		0.0		0.0								
2004	11	28	82	45		0.44		0.0		0.0								
2004	11	29	82	45		0.00		0.0		0.0								
2004	11	30	82	45		0.00		0.0		0.0								
Summary			80	58		1.64		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Record of Climatological Observations
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Generated on 05/22/2018

Observation Time Temperature: Unknown Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	12	01	82	45		0.00		0.0		0.0								
2004	12	02	82	45		0.00		0.0		0.0								
2004	12	03	71	52		0.00		0.0		0.0								
2004	12	04	67	49		0.00		0.0		0.0								
2004	12	05	59	47		0.00		0.0		0.0								
2004	12	06	71	47		0.00		0.0		0.0								
2004	12	07	80	58		0.00		0.0		0.0								
2004	12	08	81	67		0.00		0.0		0.0								
2004	12	09	83	66		0.00		0.0		0.0								
2004	12	10	83	66		0.00		0.0		0.0								
2004	12	11	80	58		0.00		0.0		0.0								
2004	12	12	70	42		0.00		0.0		0.0								
2004	12	13	60	41		0.00		0.0		0.0								
2004	12	14	76	48		0.00		0.0		0.0								
2004	12	15	76	37		0.00		0.0		0.0								
2004	12	16	56	37		0.00		0.0		0.0								
2004	12	17	67	48		T		0.0		0.0								
2004	12	18	67	54		0.00		0.0		0.0								
2004	12	19	65	43		0.00		0.0		0.0								
2004	12	20	70	53		0.00		0.0		0.0								
2004	12	21	58	38		0.00		0.0		0.0								
2004	12	22	46	35		0.00		0.0		0.0								
2004	12	23				0.00		0.0		0.0								
2004	12	24	70	33		0.00		0.0		0.0								
2004	12	25	58	49		0.91		0.0		0.0								
2004	12	26	63	49		0.09		0.0		0.0								
2004	12	27	53	37		0.02		0.0		0.0								
2004	12	28	57	34		0.00		0.0		0.0								
2004	12	29	68	47		0.00		0.0		0.0								
2004	12	30	66	50		0.00		0.0		0.0								
2004	12	31	70	51		0.00		0.0		0.0								
Summary			69	48		1.02		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

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Generated on 05/22/2018

Observation Time Temperature: Unknown Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	01	01	76	52		0.00		0.0		0.0								
2005	01	02	73	51		0.00		0.0		0.0								
2005	01	03	73	55		0.00		0.0		0.0								
2005	01	04	74	55		0.00		0.0		0.0								
2005	01	05	75	60		0.00		0.0		0.0								
2005	01	06	76	58		0.00		0.0		0.0								
2005	01	07	76	59		0.00		0.0		0.0								
2005	01	08	81	59		0.00		0.0		0.0								
2005	01	09	76	52		0.00		0.0		0.0								
2005	01	10	76	57		0.00		0.0		0.0								
2005	01	11	72	56		0.00		0.0		0.0								
2005	01	12	77	57		0.00		0.0		0.0								
2005	01	13	76	57		0.00		0.0		0.0								
2005	01	14	73	58		0.30		0.0		0.0								
2005	01	15	66	55		1.60		0.0		0.0								
2005	01	16	67	46		0.35		0.0		0.0								
2005	01	17	50	38		0.00		0.0		0.0								
2005	01	18	57	37		0.00		0.0		0.0								
2005	01	19	63	38		0.00		0.0		0.0								
2005	01	20	65	39		0.00		0.0		0.0								
2005	01	21	73	43		0.00		0.0		0.0								
2005	01	22	78	48		0.00		0.0		0.0								
2005	01	23	74	32		0.23		0.0		0.0								
2005	01	24	52	31		0.00		0.0		0.0								
2005	01	25	62	36		0.00		0.0		0.0								
2005	01	26	66	46		0.00		0.0		0.0								
2005	01	27	69	56		0.00		0.0		0.0								
2005	01	28	67	62		0.00		0.0		0.0								
2005	01	29	68	49		0.00		0.0		0.0								
2005	01	30	75	45		0.00		0.0		0.0								
2005	01	31						0.0		0.0								
Summary			70	50		2.48		0.0										

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 29 ft. Lat: 29.1966° N Lon: -81.0084° W
Station: DAYTONA BEACH, FL US USC00082150

Record of Climatological Observations
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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Generated on 05/22/2018

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	02	01	59	45	54	0.00		0.0		0.0								
2005	02	02	63	45	56	0.20		0.0		0.0								
2005	02	03	63	53	54	0.00		0.0		0.0								
2005	02	04	73	46	48	0.26		0.0		0.0								
2005	02	05	53	45	47	0.00		0.0		0.0								
2005	02	06	62	46	57	0.00		0.0		0.0								
2005	02	07	67	51	59	0.00		0.0		0.0								
2005	02	08	69	51	54	0.00		0.0		0.0								
2005	02	09	70	52	52	0.00		0.0		0.0								
2005	02	10	75	51	51	0.75		0.0		0.0								
2005	02	11	74	40	40	0.00		0.0		0.0								
2005	02	12	53	36	38	0.00		0.0		0.0								
2005	02	13	63	36	42	0.00		0.0		0.0								
2005	02	14	66	36	54	0.00		0.0		0.0								
2005	02	15	78	51	59	0.00		0.0		0.0								
2005	02	16	76	58	59	0.00		0.0		0.0								
2005	02	17	82	57	63	0.00		0.0		0.0								
2005	02	18	76		53	0.00		0.0		0.0								
2005	02	19	58	48	55	0.00		0.0		0.0								
2005	02	20	65	49	49	0.00		0.0		0.0								
2005	02	21	74	49	59	0.00		0.0		0.0								
2005	02	22	82	57	60	0.00		0.0		0.0								
2005	02	23	80	60	65	0.00		0.0		0.0								
2005	02	24	72	64	64	0.00		0.0		0.0								
2005	02	25	76	64	64	0.00		0.0		0.0								
2005	02	26	65	57	57	0.10		0.0		0.0								
2005	02	27	67	57	63	0.15		0.0		0.0								
2005	02	28	73	57	58	1.10		0.0		0.0								
Summary			69	50		2.56		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Generated on 05/22/2018

Observation Time Temperature: Unknown Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	03	01	76	48		0.00		0.0		0.0								
2005	03	02	70	42		0.00		0.0		0.0								
2005	03	03	56	41		0.00		0.0		0.0								
2005	03	04	55	44		0.60		0.0		0.0								
2005	03	05	60	42		0.00		0.0		0.0								
2005	03	06	73	42		0.00		0.0		0.0								
2005	03	07	57	49		0.00		0.0		0.0								
2005	03	08	75	52		0.65		0.0		0.0								
2005	03	09	73	50		0.38		0.0		0.0								
2005	03	10	55	43		0.00		0.0		0.0								
2005	03	11	59	43		0.00		0.0		0.0								
2005	03	12	73	46		0.00		0.0		0.0								
2005	03	13	76	46		0.00		0.0		0.0								
2005	03	14	82	53		0.00		0.0		0.0								
2005	03	15	78	62		0.00		0.0		0.0								
2005	03	16	66	61		0.00		0.0		0.0								
2005	03	17	83	62		0.00		0.0		0.0								
2005	03	18	82	48		0.10		0.0		0.0								
2005	03	19	54	40		0.20		0.0		0.0								
2005	03	20	63	40		0.60		0.0		0.0								
2005	03	21	71	40		0.00		0.0		0.0								
2005	03	22	73	63		0.00		0.0		0.0								
2005	03	23	82	63		0.05		0.0		0.0								
2005	03	24	80	57		0.20		0.0		0.0								
2005	03	25	70	56		0.30		0.0		0.0								
2005	03	26	75	66		0.50		0.0		0.0								
2005	03	27	69	63		0.00		0.0		0.0								
2005	03	28	88	63		2.50		0.0		0.0								
2005	03	29	77	55		0.60		0.0		0.0								
2005	03	30	82	53		0.40		0.0		0.0								
2005	03	31	75	52		0.00		0.0		0.0								
Summary			71	51		7.08		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

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Observation Time Temperature: Unknown Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	04	01	83	62		0.30		0.0		0.0								
2005	04	02	87	50		0.10		0.0		0.0								
2005	04	03	73	42		0.00		0.0		0.0								
2005	04	04	73	46		0.00		0.0		0.0								
2005	04	05	74	49		0.00		0.0		0.0								
2005	04	06	78	55		0.00		0.0		0.0								
2005	04	07	80	62		1.25		0.0		0.0								
2005	04	08	79	59		0.00		0.0		0.0								
2005	04	09	78	58		0.00		0.0		0.0								
2005	04	10	79	58		0.00		0.0		0.0								
2005	04	11	76	56		0.00		0.0		0.0								
2005	04	12	80	60		T		0.0		0.0								
2005	04	13	84	57		0.00		0.0		0.0								
2005	04	14	74	56		0.00		0.0		0.0								
2005	04	15	64	56		0.00		0.0		0.0								
2005	04	16	67	53		0.00		0.0		0.0								
2005	04	17	72	55		0.00		0.0		0.0								
2005	04	18	73	54		0.00		0.0		0.0								
2005	04	19	75	59		0.00		0.0		0.0								
2005	04	20	76	57		0.00		0.0		0.0								
2005	04	21	78	58		0.00		0.0		0.0								
2005	04	22	79	56		T		0.0		0.0								
2005	04	23	71	48		0.00		0.0		0.0								
2005	04	24	78	48		0.00		0.0		0.0								
2005	04	25	69	47		0.00		0.0		0.0								
2005	04	26	82	58		0.80		0.0		0.0								
2005	04	27	79	57		1.25		0.0		0.0								
2005	04	28	76	56		0.00		0.0		0.0								
2005	04	29	78	55		0.00		0.0		0.0								
2005	04	30						0.0		0.0								
Summary			76	55		3.70		0.0										

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Observation Time Temperature: Unknown Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	05	01	82	55		0.00		0.0		0.0								
2005	05	02	82	55		0.00		0.0		0.0								
2005	05	03	75	60		0.00		0.0		0.0								
2005	05	04	75	59		2.50		0.0		0.0								
2005	05	05	72	64		3.65		0.0		0.0								
2005	05	06	73	63		0.30		0.0		0.0								
2005	05	07	67	55		0.00		0.0		0.0								
2005	05	08	73	54		0.00		0.0		0.0								
2005	05	09	82	58		0.00		0.0		0.0								
2005	05	10	81	61		0.00		0.0		0.0								
2005	05	11	81	61		0.00		0.0		0.0								
2005	05	12	80	63		T		0.0		0.0								
2005	05	13	80	62		0.00		0.0		0.0								
2005	05	14	80	65		0.00		0.0		0.0								
2005	05	15	78	60		0.00		0.0		0.0								
2005	05	16	79	67		0.00		0.0		0.0								
2005	05	17	82	67		0.00		0.0		0.0								
2005	05	18	81	69		0.00		0.0		0.0								
2005	05	19	80	69		0.75		0.0		0.0								
2005	05	20	81	66		0.00		0.0		0.0								
2005	05	21	82	66		0.50		0.0		0.0								
2005	05	22	84	66		1.70		0.0		0.0								
2005	05	23	89	66		0.00		0.0		0.0								
2005	05	24	89	66		0.00		0.0		0.0								
2005	05	25	93	77		0.00		0.0		0.0								
2005	05	26	76	70		0.00		0.0		0.0								
2005	05	27	77	70		0.00		0.0		0.0								
2005	05	28	81	73		0.00		0.0		0.0								
2005	05	29	90	68		0.00		0.0		0.0								
2005	05	30	86	67		0.00		0.0		0.0								
2005	05	31	91	70		1.00		0.0		0.0								
Summary			81	64		10.40		0.0										

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	06	01	78	70	74	1.75		0.0		0.0								
2005	06	02	78	71	73	0.00		0.0		0.0								
2005	06	03	85	72	75	0.00		0.0		0.0								
2005	06	04	80	71		1.50		0.0		0.0								
2005	06	05	83	71	73	0.20		0.0		0.0								
2005	06	06	83	71	71	2.75		0.0		0.0								
2005	06	07	82	71	73	0.00		0.0		0.0								
2005	06	08	83	72	76	0.00		0.0		0.0								
2005	06	09	86	75	78	0.00		0.0		0.0								
2005	06	10	85	78	78	0.00		0.0		0.0								
2005	06	11	83	76	78	1.80		0.0		0.0								
2005	06	12	84	75	77	1.40		0.0		0.0								
2005	06	13	85	72	82	0.00		0.0		0.0								
2005	06	14	86	77	77	0.00		0.0		0.0								
2005	06	15		74	75	0.00		0.0		0.0								
2005	06	16	91	72	74	0.30		0.0		0.0								
2005	06	17	92	74	74	0.15		0.0		0.0								
2005	06	18	83	71	71	0.00		0.0		0.0								
2005	06	19	87	71	75	0.00		0.0		0.0								
2005	06	20	89	72	75	0.45		0.0		0.0								
2005	06	21	83	72	72	0.00		0.0		0.0								
2005	06	22	89	71	77	0.00		0.0		0.0								
2005	06	23	79	66	76	0.00		0.0		0.0								
2005	06	24	81	65	75	0.00		0.0		0.0								
2005	06	25	88			0.00		0.0		0.0								
2005	06	26	82	73	77	0.60		0.0		0.0								
2005	06	27	89	75	80	0.50		0.0		0.0								
2005	06	28	86	76	77	0.30		0.0		0.0								
2005	06	29	85	76	76	0.80		0.0		0.0								
2005	06	30	87		76	2.30		0.0		0.0								
Summary			85	73		14.80		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Record of Climatological Observations
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Generated on 05/22/2018

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	07	01	87	75	76	0.00		0.0		0.0								
2005	07	02	88	73		2.10		0.0		0.0								
2005	07	03	96	76	77	1.10		0.0		0.0								
2005	07	04	92	75		0.80		0.0		0.0								
2005	07	05	91	74		0.50		0.0		0.0								
2005	07	06			77	0.00		0.0		0.0								
2005	07	07	92		78	0.00		0.0		0.0								
2005	07	08	89	76	78	0.00		0.0		0.0								
2005	07	09	89	72		0.40		0.0		0.0								
2005	07	10	87	74	75	0.85		0.0		0.0								
2005	07	11		75	78	0.05				0.0								
2005	07	12	87	75	76	0.30		0.0		0.0								
2005	07	13	87	75	78	0.05		0.0		0.0								
2005	07	14	87	76	76	0.00		0.0		0.0								
2005	07	15		77	78	0.00		0.0		0.0								
2005	07	16	89	79	77	0.20		0.0		0.0								
2005	07	17	88	79	79	0.00		0.0		0.0								
2005	07	18	87	77	80	0.00		0.0		0.0								
2005	07	19	88	80	81	0.00		0.0		0.0								
2005	07	20	85	78	81	0.00		0.0		0.0								
2005	07	21	83	78	78	0.00		0.0		0.0								
2005	07	22	95	75	75	0.00		0.0		0.0								
2005	07	23	97	76	76	0.35		0.0		0.0								
2005	07	24				0.00		0.0		0.0								
2005	07	25				0.00		0.0		0.0								
2005	07	26		73	73	0.00		0.0		0.0								
2005	07	27	87	72	78	0.00		0.0		0.0								
2005	07	28		75	78	0.00		0.0		0.0								
2005	07	29		77	80	0.00		0.0		0.0								
2005	07	30	89	76	74	0.00		0.0		0.0								
2005	07	31	88	75	78	0.00		0.0		0.0								
Summary			89	76		6.70		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	08	01	88	76	76	0.10		0.0		0.0								
2005	08	02	91	75	76	0.28		0.0		0.0								
2005	08	03	87	75	76	0.10		0.0		0.0								
2005	08	04	87	75	75	0.20		0.0		0.0								
2005	08	05	89	75	78	0.00		0.0		0.0								
2005	08	06	89	74	74	0.00		0.0		0.0								
2005	08	07	87	72	73	0.50		0.0		0.0								
2005	08	08	87	73	74	1.50		0.0		0.0								
2005	08	09	86	73	76	0.00		0.0		0.0								
2005	08	10	83	76	76	0.35		0.0		0.0								
2005	08	11		76	77	T				0.0								
2005	08	12			78	0.00		0.0		0.0								
2005	08	13	94	74	75	0.00		0.0		0.0								
2005	08	14	96	73	73	0.80		0.0		0.0								
2005	08	15	90	79	75	0.00		0.0		0.0								
2005	08	16	89	73	78	0.00		0.0		0.0								
2005	08	17	90	77	79	0.00		0.0		0.0								
2005	08	18	94	73	79	0.00		0.0		0.0								
2005	08	19	90	77	78	0.00		0.0		0.0								
2005	08	20	93	77	77	0.00		0.0		0.0								
2005	08	21	92	76	76	0.00		0.0		0.0								
2005	08	22	90	75	77	0.00		0.0		0.0								
2005	08	23	91	76	79	0.00		0.0		0.0								
2005	08	24	90	72	77	0.00		0.0		0.0								
2005	08	25	90	77	84	0.00		0.0		0.0								
2005	08	26		89	83	0.50				0.0								
2005	08	27	86	77	78	0.00		0.0		0.0								
2005	08	28	89	80	83	0.30		0.0		0.0								
2005	08	29	86	81	81	0.00		0.0		0.0								
2005	08	30	87	77	77	0.40		0.0		0.0								
2005	08	31	95	77	77	0.20		0.0		0.0								
Summary			90	76		5.23		0.0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	09	01	95	77	77	1.00		0.0		0.0								
2005	09	02	91	75		0.40		0.0		0.0								
2005	09	03	88	78	81	0.00		0.0		0.0								
2005	09	04	89	77	82	0.00		0.0		0.0								
2005	09	05	89		75	0.80		0.0		0.0								
2005	09	06	89	75	80	1.00		0.0		0.0								
2005	09	07	85	76	78	1.50		0.0		0.0								
2005	09	08	82	75	79	1.50		0.0		0.0								
2005	09	09	80	76	79	1.00		0.0		0.0								
2005	09	10	81	72	72	1.90		0.0		0.0								
2005	09	11	89	71	72	0.00		0.0		0.0								
2005	09	12	89	71	74	0.00		0.0		0.0								
2005	09	13	87	72	72	0.00		0.0		0.0								
2005	09	14	92	70	72	0.00		0.0		0.0								
2005	09	15	92	72		0.00		0.0		0.0								
2005	09	16	89	71		0.00		0.0		0.0								
2005	09	17	82	73	73	0.00		0.0		0.0								
2005	09	18	83	73	73	0.00		0.0		0.0								
2005	09	19		80	80	0.00		0.0		0.0								
2005	09	20	87	79	81	0.00		0.0		0.0								
2005	09	21		77	79	0.70				0.0								
2005	09	22	85	76	78	0.80		0.0		0.0								
2005	09	23	83	77	79	0.70		0.0		0.0								
2005	09	24						0.0		0.0								
2005	09	25						0.0		0.0								
2005	09	26	87	75	75	0.05		0.0		0.0								
2005	09	27		72	73	0.00		0.0		0.0								
2005	09	28	87	71	71	0.00		0.0		0.0								
2005	09	29	85	70	71	0.30		0.0		0.0								
2005	09	30				0.00		0.0		0.0								
Summary			87	74		11.65		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	10	01	85	70	79	0.20		0.0		0.0								
2005	10	02	81	79	81	0.15		0.0		0.0								
2005	10	03		75	76	0.30				0.0								
2005	10	04		76	78	0.20				0.0								
2005	10	05	85	73	77	0.70		0.0		0.0								
2005	10	06	85	74	75	1.25		0.0		0.0								
2005	10	07	84	75		2.25		0.0		0.0								
2005	10	08	84	75	75	0.60		0.0		0.0								
2005	10	09	83	74	74	1.00		0.0		0.0								
2005	10	10	85	74	74	0.05		0.0		0.0								
2005	10	11	85	74	75	0.00		0.0		0.0								
2005	10	12	84	75	75	0.20		0.0		0.0								
2005	10	13	81	74	78	1.25		0.0		0.0								
2005	10	14	82	75	76	0.05		0.0		0.0								
2005	10	15	82	68	68	0.00		0.0		0.0								
2005	10	16	83	67	62	0.00		0.0		0.0								
2005	10	17	83	61	64	0.00		0.0		0.0								
2005	10	18	81	63	69	0.00		0.0		0.0								
2005	10	19	81	63	61	0.00		0.0		0.0								
2005	10	20	83	66	72	0.00		0.0		0.0								
2005	10	21		75	76	0.00		0.0		0.0								
2005	10	22	85	73	73	0.00		0.0		0.0								
2005	10	23	85	72	74	0.00		0.0		0.0								
2005	10	24		71	71	1.00				0.0								
2005	10	25	71	49	40	3.25		0.0		0.0								
2005	10	26	64	46	47	0.00		0.0		0.0								
2005	10	27	65	46	49	0.00		0.0		0.0								
2005	10	28	72	49	58	0.00		0.0		0.0								
2005	10	29	74	57	66	0.00		0.0		0.0								
2005	10	30		65	68	0.00		0.0		0.0								
2005	10	31	73	64	72	0.00		0.0		0.0								
Summary			80	68		12.45		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

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Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	11	01	78	61	61	0.00		0.0		0.0								
2005	11	02	76	61	64	0.60		0.0		0.0								
2005	11	03	75	61	71	0.00		0.0		0.0								
2005	11	04	77	62	62	0.00		0.0		0.0								
2005	11	05	74	61	62	0.00		0.0		0.0								
2005	11	06	78	61	64	0.00		0.0		0.0								
2005	11	07	79	61	66	0.00		0.0		0.0								
2005	11	08	78	61	68	0.00		0.0		0.0								
2005	11	09	78	63	63	0.00		0.0		0.0								
2005	11	10	77	60	62	0.00		0.0		0.0								
2005	11	11	81	59	54	0.00		0.0		0.0								
2005	11	12	76	57	64	0.00		0.0		0.0								
2005	11	13	77	51	55	0.00		0.0		0.0								
2005	11	14	79	60	65	0.00		0.0		0.0								
2005	11	15	79	53	65	T		0.0		0.0								
2005	11	16	79	64	67	0.00		0.0		0.0								
2005	11	17	81	65	66	0.00		0.0		0.0								
2005	11	18	67	62	68	0.00		0.0		0.0								
2005	11	19	71	65	70	0.00		0.0		0.0								
2005	11	20	75	65	69	0.00		0.0		0.0								
2005	11	21	77	71	72	0.70		0.0		0.0								
2005	11	22	83	43	43	0.00		0.0		0.0								
2005	11	23	67	42	42	0.00		0.0		0.0								
2005	11	24	63	48	52	0.00		0.0		0.0								
2005	11	25	80	41	61	0.00		0.0		0.0								
2005	11	26	81	49		0.00		0.0		0.0								
2005	11	27	80	50	64	0.00		0.0		0.0								
2005	11	28	80	41	65	0.00		0.0		0.0								
2005	11	29	80	65	71	1.00		0.0		0.0								
2005	11	30	75	60	60	0.20		0.0		0.0								
Summary			77	57		2.50		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

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Generated on 05/22/2018

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	12	01	69	45	45	0.00		0.0		0.0								
2005	12	02	67	44	47	0.00		0.0		0.0								
2005	12	03	63	41	42	0.00		0.0		0.0								
2005	12	04	68	42	53	0.00		0.0		0.0								
2005	12	05	76		60	0.00		0.0		0.0								
2005	12	06	78	52	65	T		0.0		0.0								
2005	12	07	65	58	65	0.00		0.0		0.0								
2005	12	08	71	63	68	0.40		0.0		0.0								
2005	12	09	72	63	69	0.60		0.0		0.0								
2005	12	10	74	50	50	0.00		0.0		0.0								
2005	12	11	69	50	54	0.00		0.0		0.0								
2005	12	12	56	42	42	0.20		0.0		0.0								
2005	12	13	62	40		0.00		0.0		0.0								
2005	12	14	59	43	49	0.00		0.0		0.0								
2005	12	15	69	49	56	0.00		0.0		0.0								
2005	12	16	76	55		T		0.0		0.0								
2005	12	17	62	49	62	0.00		0.0		0.0								
2005	12	18	69	49	65	0.15		0.0		0.0								
2005	12	19	68	49	57	0.30		0.0		0.0								
2005	12	20	60	47	47	0.00		0.0		0.0								
2005	12	21	63	46	46	0.00		0.0		0.0								
2005	12	22	57			0.00		0.0		0.0								
2005	12	23	59	40	42	0.00		0.0		0.0								
2005	12	24	60	41	45	0.00		0.0		0.0								
2005	12	25				0.00		0.0		0.0								
2005	12	26	76	45	48	0.00		0.0		0.0								
2005	12	27	63	39	39	0.00		0.0		0.0								
2005	12	28	67	38	40	0.00		0.0		0.0								
2005	12	29	69		62	0.00		0.0		0.0								
2005	12	30		45	46	0.00		0.0		0.0								
2005	12	31	63	45	50	0.00		0.0		0.0								
Summary			67	47		1.65		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	01	01	72	55		0.00												
2004	01	02	76	54		0.00												
2004	01	03	79	56		0.00												
2004	01	04	80	56		0.00												
2004	01	05	80	58		0.00												
2004	01	06	67	52		T												
2004	01	07	56	40		0.00												
2004	01	08	69	40		0.00												
2004	01	09	74	52		0.01												
2004	01	10	56	40		0.02												
2004	01	11	60	38		0.00												
2004	01	12	69	40		0.00												
2004	01	13	67	39		0.00												
2004	01	14	70	43		0.00												
2004	01	15	73	48		0.00												
2004	01	16	68	45		0.00												
2004	01	17	73	49		0.00												
2004	01	18	73	61		0.25												
2004	01	19	69	54		0.12												
2004	01	20	60	40		0.00												
2004	01	21	66	45		0.00												
2004	01	22	68	43		0.00												
2004	01	23	65	38		0.00												
2004	01	24	70	33		0.00												
2004	01	25	77	43		0.00												
2004	01	26	81	59		0.10												
2004	01	27	76	54		0.62												
2004	01	28	60	40		0.00												
2004	01	29	62	34		0.00												
2004	01	30	68	46		0.00												
2004	01	31	63	54		0.13												
Summary			69	47		1.25		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	02	01	67	48		1.76												
2004	02	02	74	55		0.42												
2004	02	03	67	54		0.00												
2004	02	04	67	56		0.00												
2004	02	05	75	61		T												
2004	02	06	84	68		0.00												
2004	02	07	73	46		0.12												
2004	02	08	62	37		0.00												
2004	02	09	72	54		0.00												
2004	02	10	73	53		0.00												
2004	02	11	67	58		T												
2004	02	12	84	58		0.00												
2004	02	13	60	54		0.00												
2004	02	14	72	56		0.47												
2004	02	15	73	50		T												
2004	02	16	62	45		0.00												
2004	02	17	53	45		T												
2004	02	18	55	39		0.00												
2004	02	19	67	36		0.00												
2004	02	20	72	40		0.00												
2004	02	21	81	57		0.00												
2004	02	22	73	53		0.00												
2004	02	23	76	51		0.00												
2004	02	24	69	61		1.39												
2004	02	25	68	59		0.30												
2004	02	26	60	48		0.01												
2004	02	27	48	43		0.00												
2004	02	28	60	42		T												
2004	02	29	72	48		T												
Summary			68	51		4.47		0.0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	03	01	77	52		0.00												
2004	03	02	80	57		0.00												
2004	03	03	78	59		0.00												
2004	03	04	78	57		0.00												
2004	03	05	83	64		0.00												
2004	03	06	86	64		0.00												
2004	03	07	82	64		0.04												
2004	03	08	70	48		0.00												
2004	03	09	72	43		0.00												
2004	03	10	60	45		0.00												
2004	03	11	65	43		0.00												
2004	03	12	76	45		0.00												
2004	03	13	75	48		0.00												
2004	03	14	77	53		0.00												
2004	03	15	78	55		0.53												
2004	03	16	75	65		0.52												
2004	03	17	76	54		0.00												
2004	03	18	77	49		0.00												
2004	03	19	79	54		0.00												
2004	03	20	77	54		0.00												
2004	03	21	84	52		0.00												
2004	03	22	64	55		0.00												
2004	03	23	68	55		T												
2004	03	24	71	59		0.00												
2004	03	25	76	61		0.01												
2004	03	26	77	64		T												
2004	03	27	77	63		0.00												
2004	03	28	78	55		0.00												
2004	03	29	72	55		0.00												
2004	03	30	78	51		0.00												
2004	03	31	81	58		0.00												
Summary			76	55		1.10		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	04	01	70	49		0.00												
2004	04	02	74	45		0.00												
2004	04	03	76	48		0.00												
2004	04	04	79	48		0.00												
2004	04	05	72	50		0.00												
2004	04	06	75	48		0.00												
2004	04	07	81	54		0.00												
2004	04	08	82	60		0.45												
2004	04	09	80	64		0.00												
2004	04	10	83	57		0.00												
2004	04	11	84	58		0.34												
2004	04	12	83	66		0.08												
2004	04	13	78	58		0.00												
2004	04	14	69	46		0.00												
2004	04	15	69	46		0.00												
2004	04	16	75	45		0.00												
2004	04	17	76	50		0.00												
2004	04	18	76	50		0.00												
2004	04	19	78	57		0.00												
2004	04	20	80	52		0.00												
2004	04	21	79	54		0.00												
2004	04	22	82	59		0.00												
2004	04	23	83	60		0.00												
2004	04	24	81	58		0.00												
2004	04	25	81	66		0.00												
2004	04	26	88	64		0.00												
2004	04	27	73	56		0.03												
2004	04	28	80	51		0.00												
2004	04	29	80	69		0.00												
2004	04	30	81	71		0.29												
Summary			78	55		1.19		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	05	01	87	71		0.12												
2004	05	02	88	69		0.25												
2004	05	03	76	69		0.11												
2004	05	04	75	59		0.00												
2004	05	05	76	52		0.00												
2004	05	06	84	57		0.00												
2004	05	07	87	60		0.00												
2004	05	08	85	59		0.00												
2004	05	09	82	55		0.00												
2004	05	10	82	61		0.01												
2004	05	11	84	68		T												
2004	05	12	83	70		T												
2004	05	13	84	72		0.00												
2004	05	14	83	71		T												
2004	05	15	83	67		0.00												
2004	05	16	84	68		0.00												
2004	05	17	84	72		0.00												
2004	05	18	85	68		0.00												
2004	05	19	85	64		0.00												
2004	05	20	85	63		0.00												
2004	05	21	85	61		0.00												
2004	05	22	88	65		0.00												
2004	05	23	88	64		0.00												
2004	05	24	87	63		0.00												
2004	05	25	87	63		0.00												
2004	05	26	93	67		0.00												
2004	05	27	92	68		0.00												
2004	05	28	94	68		0.00												
2004	05	29	92	68		0.00												
2004	05	30	95	62		0.00												
2004	05	31	99	71		T												
Summary			86	65		0.49		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	06	01	93	71		0.20												
2004	06	02	94	70		1.07												
2004	06	03	89	69		0.87												
2004	06	04	90	69		0.20												
2004	06	05	89	69		0.01												
2004	06	06	90	69		1.23												
2004	06	07	86	68		0.00												
2004	06	08	86	70		0.00												
2004	06	09	87	74		T												
2004	06	10	88	72		0.05												
2004	06	11	90	69		0.11												
2004	06	12	91	74		0.00												
2004	06	13	91	74		0.01												
2004	06	14	88	76		0.13												
2004	06	15	89	74		0.00												
2004	06	16	88	76		0.00												
2004	06	17	87	72		0.00												
2004	06	18	89	73		0.00												
2004	06	19	95	76		0.01												
2004	06	20	93	73		0.96												
2004	06	21	93	73		0.02												
2004	06	22	92	74		0.02												
2004	06	23	95	73		0.00												
2004	06	24	92	74		0.00												
2004	06	25	93	73		0.17												
2004	06	26	95	73		0.01												
2004	06	27	94	72		0.00												
2004	06	28	93	72		0.13												
2004	06	29	90	70		0.00												
2004	06	30	89	72		0.00												
Summary			91	72		5.20		0.0										

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	07	01	90	73		0.10												
2004	07	02	90	73		T												
2004	07	03	92	70		1.66												
2004	07	04	90	71		1.95												
2004	07	05	91	71		0.34												
2004	07	06	94	74		0.00												
2004	07	07	93	73		0.87												
2004	07	08	90	72		0.88												
2004	07	09	89	72		T												
2004	07	10	94	73		0.00												
2004	07	11	91	73		3.43												
2004	07	12	88	73		0.00												
2004	07	13	93	75		0.00												
2004	07	14	94	76		0.00												
2004	07	15	91	72		0.70												
2004	07	16	93	73		0.06												
2004	07	17	91	74		0.01												
2004	07	18	83	73		0.01												
2004	07	19	86	75		0.06												
2004	07	20	87	74		0.00												
2004	07	21	89	74		0.00												
2004	07	22	90	72		0.00												
2004	07	23	91	71		0.00												
2004	07	24	90	74		0.00												
2004	07	25	88	74		0.00												
2004	07	26	89	72		0.00												
2004	07	27	90	73		0.22												
2004	07	28	87	73		0.00												
2004	07	29	89	76		0.00												
2004	07	30	89	77		0.00												
2004	07	31	87	75		0.05												
Summary			90	73		10.34		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	08	01	89	75		0.00												
2004	08	02	93	78		T												
2004	08	03	92	75		0.03												
2004	08	04	92	76		0.58												
2004	08	05	94	75		T												
2004	08	06	95	75		1.05												
2004	08	07	81	75		7.00												
2004	08	08	83	77		0.33												
2004	08	09	86	75		0.01												
2004	08	10	86	74		0.02												
2004	08	11	93	74		1.05												
2004	08	12	91	74		T												
2004	08	13	86	72		3.21												
2004	08	14	90	72		0.22												
2004	08	15	88	74		0.58												
2004	08	16	87	73		0.46												
2004	08	17	88	76		T												
2004	08	18	90	75		0.61												
2004	08	19	89	74		0.00												
2004	08	20	91	77		0.00												
2004	08	21	91	73		1.55												
2004	08	22	89	72		0.02												
2004	08	23	89	73		0.81												
2004	08	24	88	74		T												
2004	08	25	87	77		T												
2004	08	26	89	75		0.04												
2004	08	27	88	76		T												
2004	08	28	91	75		0.02												
2004	08	29	92	75		0.31												
2004	08	30	95	75		T												
2004	08	31	91	75		0.06												
Summary			89	75		17.96		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	09	01	90	74		0.06												
2004	09	02	89	76		0.07												
2004	09	03	89	80		0.00												
2004	09	04	88	75		0.42												
2004	09	05	81	75		9.02												
2004	09	06	82	75		1.48												
2004	09	07	90	77		0.00												
2004	09	08	90	78		0.00												
2004	09	09	88	76		0.72												
2004	09	10	87	76		0.00												
2004	09	11	87	77		0.01												
2004	09	12	87	73		0.56												
2004	09	13	87	77		T												
2004	09	14	84	79		0.03												
2004	09	15	87	81		0.00												
2004	09	16	93	78		0.13												
2004	09	17	92	76		0.00												
2004	09	18	91	75		0.00												
2004	09	19	84	73		0.05												
2004	09	20	84	73		1.57												
2004	09	21	84	75		0.02												
2004	09	22	85	77		0.01												
2004	09	23	86	77		0.00												
2004	09	24	85	75		0.02												
2004	09	25	85	78		0.03												
2004	09	26	82	77		2.26												
2004	09	27	89	78		T												
2004	09	28	90	74		0.00												
2004	09	29	89	73		0.00												
2004	09	30	88	73		0.00												
Summary			87	76		16.46		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	10	01	87	74		0.06												
2004	10	02	87	72		0.00												
2004	10	03	88	72		0.00												
2004	10	04	87	73		T												
2004	10	05	85	73		0.00												
2004	10	06	86	74		0.02												
2004	10	07	83	72		0.01												
2004	10	08	82	71		0.53												
2004	10	09	84	69		0.08												
2004	10	10	84	71		0.00												
2004	10	11	78	68		0.39												
2004	10	12	81	68		T												
2004	10	13	86	67		0.00												
2004	10	14	83	60		0.00												
2004	10	15	76	54		0.15												
2004	10	16	79	52		0.00												
2004	10	17	80	56		0.00												
2004	10	18	84	63		0.00												
2004	10	19	88	68		0.08												
2004	10	20	89	71		0.02												
2004	10	21	82	69		0.00												
2004	10	22	79	72		0.00												
2004	10	23	79	61		0.00												
2004	10	24	82	58		0.00												
2004	10	25	81	62		0.00												
2004	10	26	80	61		T												
2004	10	27	80	63		0.00												
2004	10	28	82	63		0.00												
2004	10	29	83	67		0.00												
2004	10	30	85	66		0.00												
2004	10	31	84	64		0.00												
Summary			83	66		1.34		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	11	01	84	64		0.01												
2004	11	02	85	64		0.00												
2004	11	03	83	62		0.00												
2004	11	04	88	68		0.00												
2004	11	05	74	60		0.01												
2004	11	06	77	56		0.00												
2004	11	07	78	52		0.00												
2004	11	08	80	50		0.00												
2004	11	09	75	57		0.23												
2004	11	10	77	69		0.01												
2004	11	11	79	66		0.01												
2004	11	12	82	63		0.00												
2004	11	13	79	63		0.22												
2004	11	14	79	69		0.01												
2004	11	15	77	67		T												
2004	11	16	76	60		T												
2004	11	17	76	55		0.00												
2004	11	18	77	56		0.00												
2004	11	19	79	53		0.00												
2004	11	20	81	60		0.00												
2004	11	21	82	59		0.00												
2004	11	22	81	59		0.00												
2004	11	23	80	62		0.00												
2004	11	24	83	66		T												
2004	11	25	74	52		0.22												
2004	11	26	67	45		0.00												
2004	11	27	78	53		0.21												
2004	11	28	71	52		0.00												
2004	11	29	76	51		0.00												
2004	11	30	78	56		0.00												
Summary			79	59		0.93		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2004	12	01	80	62		T												
2004	12	02	71	57		T												
2004	12	03	67	50		0.00												
2004	12	04	59	49		T												
2004	12	05	72	48		0.00												
2004	12	06	80	57		0.00												
2004	12	07	81	62		0.01												
2004	12	08	83	64		0.00												
2004	12	09	83	62		T												
2004	12	10	81	65		0.24												
2004	12	11	66	46		0.00												
2004	12	12	61	38		0.00												
2004	12	13	74	44		0.00												
2004	12	14	62	40		0.00												
2004	12	15	55	36		0.00												
2004	12	16	66	46		0.02												
2004	12	17	68	52		0.00												
2004	12	18	67	51		0.00												
2004	12	19	65	41		0.00												
2004	12	20	49	33		0.00												
2004	12	21	67	34		0.00												
2004	12	22	74	50		0.00												
2004	12	23	72	63		1.10												
2004	12	24	64	48		T												
2004	12	25	62	48		0.63												
2004	12	26	62	38		0.24												
2004	12	27	58	33		0.00												
2004	12	28	70	45		T												
2004	12	29	70	49		0.00												
2004	12	30	72	50		0.00												
2004	12	31	73	52		0.00												
Summary			69	49		2.24		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	01	01	75	53		T												
2005	01	02	76	54		0.00												
2005	01	03	75	55		T												
2005	01	04	76	53		0.00												
2005	01	05	79	58		0.00												
2005	01	06	79	59		0.00												
2005	01	07	78	58		0.00												
2005	01	08	81	61		0.00												
2005	01	09	80	57		0.00												
2005	01	10	79	57		0.00												
2005	01	11	74	55		T												
2005	01	12	79	56		0.00												
2005	01	13	79	64		0.15												
2005	01	14	73	56		1.60												
2005	01	15	66	56		0.21												
2005	01	16	60	45		0.46												
2005	01	17	50	38		0.00												
2005	01	18	56	37		0.00												
2005	01	19	61	39		0.00												
2005	01	20	65	42		0.00												
2005	01	21	72	43		0.00												
2005	01	22	73	51		0.14												
2005	01	23	65	36		0.01												
2005	01	24	52	31		0.00												
2005	01	25	65	36		0.00												
2005	01	26	73	47		0.00												
2005	01	27	70	55		0.00												
2005	01	28	63	60		0.02												
2005	01	29	69	61		0.01												
2005	01	30	75	49		T												
2005	01	31	60	44		0.00												
Summary			70	51		2.60		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	02	01	66	44		T												
2005	02	02	65	53		0.14												
2005	02	03	72	50		0.07												
2005	02	04	53	44		T												
2005	02	05	63	44		0.00												
2005	02	06	70	50		T												
2005	02	07	71	57		0.02												
2005	02	08	74	53		0.00												
2005	02	09	76	50		0.00												
2005	02	10	73	49		0.04												
2005	02	11	58	38		0.00												
2005	02	12	67	35		0.00												
2005	02	13	69	40		0.00												
2005	02	14	78	49		0.00												
2005	02	15	76	56		0.00												
2005	02	16	81	56		0.00												
2005	02	17	79	58		0.00												
2005	02	18	60	42		0.00												
2005	02	19	66	40		0.00												
2005	02	20	72	47		0.00												
2005	02	21	80	55		T												
2005	02	22	81	58		0.00												
2005	02	23	77	62		0.01												
2005	02	24	76	64		T												
2005	02	25	67	59		0.01												
2005	02	26	66	58		0.02												
2005	02	27	74	64		0.94												
2005	02	28	76	56		0.00												
Summary			71	51		1.25		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	03	01	69	45		0.00												
2005	03	02	61	39		0.00												
2005	03	03	55	39		0.06												
2005	03	04	63	44		0.01												
2005	03	05	73	41		0.00												
2005	03	06	71	49		0.00												
2005	03	07	78	51		0.00												
2005	03	08	73	54		0.33												
2005	03	09	56	48		0.34												
2005	03	10	62	43		0.00												
2005	03	11	73	43		0.00												
2005	03	12	75	47		0.00												
2005	03	13	81	51		0.00												
2005	03	14	78	61		T												
2005	03	15	69	61		0.06												
2005	03	16	83	62		0.04												
2005	03	17	69	52		0.36												
2005	03	18	54	44		T												
2005	03	19	63	39		0.00												
2005	03	20	71	44		T												
2005	03	21	74	59		0.18												
2005	03	22	86	65		0.18												
2005	03	23	80	65		0.61												
2005	03	24	75	55		0.00												
2005	03	25	76	66		2.69												
2005	03	26	71	64		0.29												
2005	03	27	87	63		0.10												
2005	03	28	76	59		0.12												
2005	03	29	81	56		0.00												
2005	03	30	77	52		0.00												
2005	03	31	84	61		0.14												
Summary			72	52		5.51		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	04	01	87	66		0.11												
2005	04	02	75	57		0.11												
2005	04	03	72	49		0.00												
2005	04	04	77	49		0.00												
2005	04	05	77	54		0.00												
2005	04	06	78	57		0.00												
2005	04	07	81	63		1.31												
2005	04	08	78	61		0.00												
2005	04	09	77	58		0.00												
2005	04	10	75	56		0.00												
2005	04	11	77	54		0.00												
2005	04	12	81	58		0.00												
2005	04	13	83	60		T												
2005	04	14	74	56		T												
2005	04	15	67	52		0.00												
2005	04	16	64	57		0.00												
2005	04	17	68	52		0.00												
2005	04	18	73	50		0.00												
2005	04	19	75	53		0.00												
2005	04	20	76	59		0.00												
2005	04	21	80	57		0.00												
2005	04	22	82	58		0.00												
2005	04	23	78	59		T												
2005	04	24	71	49		0.00												
2005	04	25	71	45		0.00												
2005	04	26	83	57		0.47												
2005	04	27	80	59		0.90												
2005	04	28	72	56		0.00												
2005	04	29	81	54		0.00												
2005	04	30	84	64		0.27												
Summary			77	56		3.17		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	05	01	74	65		T		0.0		0.0								
2005	05	02	77	63		0.00		0.0		0.0								
2005	05	03	77	58		0.00		0.0		0.0								
2005	05	04	72	56		3.38		0.7		0.0								
2005	05	05	74	65		0.17		0.0		0.0								
2005	05	06	67	57		0.01		0.0		0.0								
2005	05	07	74	55		0.00		0.0		0.0								
2005	05	08	80	58		0.00		0.0		0.0								
2005	05	09	81	61		0.00		0.0		0.0								
2005	05	10	81	62		0.00		0.0		0.0								
2005	05	11	83	65		0.02		0.0		0.0								
2005	05	12	82	62		0.00		0.0		0.0								
2005	05	13	80	64		0.00		0.0		0.0								
2005	05	14	80	67		0.00		0.0		0.0								
2005	05	15	82	63		0.00		0.0		0.0								
2005	05	16	84	66		0.00		0.0		0.0								
2005	05	17	83	67		T		0.0		0.0								
2005	05	18	82	68		0.01		0.0		0.0								
2005	05	19	82	68		0.00		0.0		0.0								
2005	05	20	86	65		0.05		0.0		0.0								
2005	05	21	86	68		1.76		0.0		0.0								
2005	05	22	79	68		0.02		0.0		0.0								
2005	05	23	88	66		0.00		0.0		0.0								
2005	05	24	91	71		T		0.0		0.0								
2005	05	25	77	69		0.00		0.0		0.0								
2005	05	26	78	66		0.00		0.0		0.0								
2005	05	27	83	64		T		0.0		0.0								
2005	05	28	90	70		0.00		0.0		0.0								
2005	05	29	88	66		0.00		0.0		0.0								
2005	05	30	90	70		1.20		0.0		0.0								
2005	05	31	78	71		1.35		0.0		0.0								
Summary			81	65		7.97		0.7										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	06	01	77	71		0.35												
2005	06	02	82	73		0.01												
2005	06	03	81	72		1.85												
2005	06	04	82	72		0.02												
2005	06	05	80	73		0.67												
2005	06	06	84	72		0.00												
2005	06	07	86	73		0.00												
2005	06	08	87	75		0.00												
2005	06	09	84	77		T												
2005	06	10	82	77		0.06												
2005	06	11	84	77		2.92												
2005	06	12	85	74		1.31												
2005	06	13	85	75		0.00												
2005	06	14	88	73		0.00												
2005	06	15	90	74		1.90												
2005	06	16	89	73		0.15												
2005	06	17	90	73		0.22												
2005	06	18	82	74		0.09												
2005	06	19	87	72		0.07												
2005	06	20	85	72		T												
2005	06	21	83	72		0.43												
2005	06	22	85	73		0.13												
2005	06	23	85	72		0.00												
2005	06	24	80	73		0.19												
2005	06	25	85	74		0.17												
2005	06	26	88	76		0.00												
2005	06	27	86	76		0.89												
2005	06	28	86	76		0.02												
2005	06	29	85	76		1.17												
2005	06	30	87	75		1.05												
Summary			85	74		13.67		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	07	01	89	76		0.22												
2005	07	02	89	76		0.41												
2005	07	03	90	76		0.04												
2005	07	04	92	75		0.32												
2005	07	05	91	75		T												
2005	07	06	92	76		0.00												
2005	07	07	92	76		0.00												
2005	07	08	88	77		0.06												
2005	07	09	88	75		0.28												
2005	07	10	84	74		0.92												
2005	07	11	89	76		0.07												
2005	07	12	89	76		T												
2005	07	13	89	78		T												
2005	07	14	89	77		0.22												
2005	07	15	88	77		0.05												
2005	07	16	89	76		0.00												
2005	07	17	88	77		0.00												
2005	07	18	89	77		0.00												
2005	07	19	89	79		0.00												
2005	07	20	89	78		0.00												
2005	07	21	89	77		0.00												
2005	07	22	93	77		T												
2005	07	23	95	78		0.03												
2005	07	24	89	76		0.00												
2005	07	25	89	75		0.00												
2005	07	26	89	72		0.00												
2005	07	27	93	74		0.00												
2005	07	28	93	76		0.00												
2005	07	29	92	74		T												
2005	07	30	90	72		0.03												
2005	07	31	91	73		0.08												
Summary			90	76		2.73		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	08	01	92	74		0.62												
2005	08	02	93	75		0.15												
2005	08	03	89	76		0.50												
2005	08	04	90	75		T												
2005	08	05	89	75		0.02												
2005	08	06	91	72		0.13												
2005	08	07	89	73		0.71												
2005	08	08	88	73		T												
2005	08	09	90	75		0.70												
2005	08	10	93	76		0.00												
2005	08	11	91	76		0.00												
2005	08	12	92	75		0.01												
2005	08	13	90	74		0.00												
2005	08	14	94	75		0.26												
2005	08	15	91	74		0.00												
2005	08	16	92	77		0.00												
2005	08	17	94	78		0.00												
2005	08	18	95	75		0.00												
2005	08	19	93	75		0.00												
2005	08	20	92	76		T												
2005	08	21	93	75		0.00												
2005	08	22	93	76		0.00												
2005	08	23	92	77		0.00												
2005	08	24	91	78		0.00												
2005	08	25	90	78		0.30												
2005	08	26	89	76		0.34												
2005	08	27	90	80		0.04												
2005	08	28	89	79		0.27												
2005	08	29	94	78		0.01												
2005	08	30	94	77		0.13												
2005	08	31	90	77		0.10												
Summary			91	76		4.29		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	09	01	90	77		0.15												
2005	09	02	91	78		0.00												
2005	09	03	89	75		T												
2005	09	04	89	75		0.74												
2005	09	05	88	75		0.15												
2005	09	06	85	76		1.25												
2005	09	07	83	76		0.37												
2005	09	08	81	78		0.58												
2005	09	09	82	76		1.25												
2005	09	10	86	71		0.00												
2005	09	11	86	72		T												
2005	09	12	89	73		T												
2005	09	13	90	71		0.00												
2005	09	14	91	72		0.00												
2005	09	15	91	72		0.00												
2005	09	16	92	70		0.00												
2005	09	17	92	72		0.00												
2005	09	18	89	72		0.00												
2005	09	19	88	74		0.02												
2005	09	20	87	77		0.84												
2005	09	21	86	75		1.29												
2005	09	22	83	76		0.64												
2005	09	23	88	79		0.02												
2005	09	24	87	76		0.00												
2005	09	25	86	75		0.00												
2005	09	26	89	72		0.00												
2005	09	27	89	73		0.00												
2005	09	28	86	72		0.05												
2005	09	29	86	70		0.00												
2005	09	30	86	72		T												
Summary			88	74		7.35		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	10	01	87	75		0.05												
2005	10	02	86	79		0.06												
2005	10	03	86	75		0.27												
2005	10	04	86	73		0.42												
2005	10	05	84	75		2.12												
2005	10	06	86	75		1.16												
2005	10	07	84	76		0.04												
2005	10	08	87	75		1.30												
2005	10	09	87	75		T												
2005	10	10	87	74		0.00												
2005	10	11	84	75		0.85												
2005	10	12	82	74		2.41												
2005	10	13	83	74		0.01												
2005	10	14	82	68		0.00												
2005	10	15	83	65		0.00												
2005	10	16	82	61		0.00												
2005	10	17	83	64		0.00												
2005	10	18	83	64		0.00												
2005	10	19	83	66		0.00												
2005	10	20	86	75		0.00												
2005	10	21	87	74		0.00												
2005	10	22	84	72		T												
2005	10	23	81	74		2.18												
2005	10	24	77	55		2.64												
2005	10	25	63	47		0.00												
2005	10	26	66	47		0.00												
2005	10	27	76	51		0.00												
2005	10	28	74	57		T												
2005	10	29	73	61		0.00												
2005	10	30	75	65		0.00												
2005	10	31	79	63		T												
Summary			81	68		13.51		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	11	01	79	60		0.62												
2005	11	02	77	64		0.03												
2005	11	03	78	63		0.00												
2005	11	04	79	60		0.00												
2005	11	05	79	61		0.00												
2005	11	06	81	62		0.00												
2005	11	07	80	63		0.00												
2005	11	08	81	65		0.00												
2005	11	09	79	61		0.00												
2005	11	10	81	59		0.00												
2005	11	11	77	53		0.00												
2005	11	12	77	58		0.00												
2005	11	13	80	58		0.00												
2005	11	14	78	62		T												
2005	11	15	81	63		0.00												
2005	11	16	83	65		0.00												
2005	11	17	67	63		0.00												
2005	11	18	71	65		0.00												
2005	11	19	78	66		0.09												
2005	11	20	78	68		0.10												
2005	11	21	81	57		T												
2005	11	22	67	49		0.00												
2005	11	23	62	42		0.00												
2005	11	24	80	49		0.00												
2005	11	25	75	55		0.00												
2005	11	26	76	51		0.00												
2005	11	27	80	58		0.00												
2005	11	28	77	62		0.97												
2005	11	29	76	68		0.06												
2005	11	30	69	49		T												
Summary			77	59		1.87		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)					
			24 Hrs. Ending at Observation Time		At Observation	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth		
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2005	12	01	66	45		0.00												
2005	12	02	65	44		0.00												
2005	12	03	71	41		0.00												
2005	12	04	76	50		0.00												
2005	12	05	79	57		T												
2005	12	06	68	58		T												
2005	12	07	71	62		0.18												
2005	12	08	71	63		1.35												
2005	12	09	74	55		0.02												
2005	12	10	72	50		0.00												
2005	12	11	56	46		0.09												
2005	12	12	61	40		0.00												
2005	12	13	60	45		0.00												
2005	12	14	70	46		T												
2005	12	15	76	53		0.04												
2005	12	16	66	49		0.00												
2005	12	17	69	51		T												
2005	12	18	65	57		0.14												
2005	12	19	62	47		T												
2005	12	20	67	47		0.00												
2005	12	21	60	44		0.00												
2005	12	22	60	41		0.00												
2005	12	23	63	41		0.00												
2005	12	24	73	44		0.00												
2005	12	25	72	54		0.03												
2005	12	26	61	44		0.00												
2005	12	27	65	38		0.00												
2005	12	28	69	39		T												
2005	12	29	71	49		T												
2005	12	30	67	43		0.00		0.0		0.0								
2005	12	31	78	48		0.00												
Summary			68	48		1.85		0.0										

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

GHCN (Global Historical Climatology Network) – Daily Documentation

NOTE: English units are displayed on pdf output format; Either Metric or standard English units on csv or txt output formats depending on user specification.

I. Description

GHCN (Global Historical Climatology Network)-Daily is a database that addresses the critical need for historical daily temperature, precipitation, and snow records over global land areas. GHCN-Daily is a composite of climate records from numerous sources that were merged and then subjected to a suite of quality assurance reviews. The archive includes over 40 meteorological elements (see Table 4 below for complete list) including temperature daily maximum/minimum, temperature at observation time, precipitation, snowfall, snow depth, evaporation, wind movement, wind maximums, soil temperature, cloudiness, and more.

GHCN-Daily will serve as a replacement product for older NCDC-maintained data sets that are designated for daily temporal resolution (i.e. DSI 3200, DSI 3201, DSI 3202, DSI 3205, DSI 3206, DSI 3208, DSI 3210, etc.). It will function as the official archive for daily data from the Global Climate Observing System (GCOS) Surface Network (GSN) and is particularly well suited for monitoring and assessment activities related to the frequency and magnitude of extremes. Containing observations of one or more of the above elements at more than 100,000 stations that are distributed across all continents, the dataset is the world's largest collection of daily climatological data. The total of 1.4 billion data values includes 250 million values each for maximum and minimum temperatures, 500 million precipitation totals, and 200 million observations each for snowfall and snow depth. Station records, some of which extend back to the 19th century, are updated daily where possible and are usually available one to two days after the date and time of the observation.

Some of the data provided here are based on data exchanged under the World Meteorological Organization (WMO) World Weather Watch Program according to WMO Resolution 40 (Cg-XII). This allows WMO member countries to place restrictions on the use or re-export of their data for commercial purposes outside of the receiving country. Those countries' data summaries and products which are available here are intended for free and unrestricted use in research, education, and other non-commercial activities. For non-U.S. locations data, the data or any derived product shall not be provided to other users or be used for the re-export of commercial services.

II. Format/Observation Definitions

(note: the term 'element' or 'value' is used throughout this documentation and refers to an individual meteorological/climatological measurement or statistical value such as temperature, precipitation (amount), etc.)

Users are given the choice between the following two delivery formats:

- 1) GHCN-Daily Form - Portable Document Format (PDF) output giving 5 core values (see Table 4) and, if available, the following additional values: TOBS (temperature at the time of observation), EVAP (evaporation of water from evaporation pan), WDMV (24-hour wind movement), SN*# (minimum soil temperature) and SX*# (maximum soil temperature). More details about these values are in Table 4 (below). There are no flags (attributes) given with the GHCN- Daily Form pdf file other than measurement flag “T” (trace value for precipitation, snowfall or snow depth, as per table 3 below). Units for data values can be in metric or standard depending on user preference for both CSV and text output. Empty, or blank, cells indicate that a data observation was not reported.
- 2) Custom GHCN-Daily CSV- Output files contain .csv extension and optimized for spreadsheet usage (i.e. delimited file). Besides unit preference, user is also given the choice whether to include flags, station name or geographic location in data request. The user can define which of the elements listed in Table 4 (below) to include in the data request.
- 3) Custom GHCN-Daily ASCII Form-Output is ASCII text file and the user is given the choice whether to include flags, station name or geographic location in data request. The user can define which of the elements listed in Table 4 (below) to include in the data request.

A. Data observations (values)

Each record represents all selected observations (values) available for a given station-day. The initial section of each record is ordered as follows with the following definitions:

STATION (17 characters) is the station identification code. Please see

<http://www1.ncdc.noaa.gov/pub/data/ghcn/daily/ghcnd-stations.txt>

for a complete list of stations and their metadata.

STATION_NAME (max 50 characters) is the name of the station (usually city/airport name). Optional output field.

GEOGRAPHIC_LOCATION (31 characters) is the latitude (decimated degrees w/northern hemisphere values > 0, southern hemisphere values < 0), longitude (decimated degrees w/western hemisphere values < 0, eastern hemisphere values > 0) and elevation above mean sea level (tenths of meters). This is an optional output field.

DATE is the year of the record (4 digits) followed by month (2 digits) and day (2 digits).

B. Observations (values) and flags (attributes)

Following this initial section of the record, all selected observations and flags are given in the following order:

Observation(s) | Measurement Flag | Quality Flag | Source Flag | Time of Observation | repeat for next element (when more than one element is selected), where:

Observation(s) is/are defined in Table 4 below. 9's in a field (e.g.9999) indicate missing data or data that has not been received.

Measurement Flag (attribute) is defined in **Table 1** below

Quality Flag (attribute) is defined in **Table 2** below

Source Flag (attribute) is defined in **Table 3** below

Time of Observation is the (2 digit hour, 2 digit minute) 24 hour clock time of the observation given as the local time at the station of record.

Note: The 4 flags listed above are optional on the Custom GHCN-Daily ASCII Form.

Table 1 (Measurement Flag/Attribute)

Blank = no measurement information applicable

- A = value in precipitation or snow is a multi-day total, accumulated since last measurement
(used on Daily Form pdf file)
- B = precipitation total formed from two twelve-hour totals
- D = precipitation total formed from four six-hour totals
- H = represents highest or lowest hourly temperature (TMAX or TMIN)
or average of hourly values (TAVG)
- K = converted from knots
- L = temperature appears to be lagged with respect to reported
hour of observation
- O = converted from oktas
- P = identified as "missing presumed zero" in DSI 3200 and 3206
- T = trace of precipitation, snowfall, or snow depth
- W = converted from 16-point WBAN code (for wind direction)

Table 2 (Quality Flag/Attribute)

Blank = did not fail any quality assurance check

- D = failed duplicate check
- G = failed gap check
- I = failed internal consistency check
- K = failed streak/frequent-value check
- L = failed check on length of multiday period
- M = failed mega-consistency check
- N = failed naught check
- O = failed climatological outlier check
- R = failed lagged range check

- S = failed spatial consistency check
- T = failed temporal consistency check
- W = temperature too warm for snow
- X = failed bounds check
- Z = flagged as a result of an official Datzilla investigation

Table 3 (Source Flag/Attribute)

Blank = No source (i.e., data value missing)

- 0 = U.S. Cooperative Summary of the Day (NCDC DSI-3200)
- 6 = CDMP Cooperative Summary of the Day (NCDC DSI-3206)
- 7 = U.S. Cooperative Summary of the Day -- Transmitted via WxCoder3 (NCDC DSI-3207)
- A = U.S. Automated Surface Observing System (ASOS) real-time data (since January 1, 2006)
- a = Australian data from the Australian Bureau of Meteorology
- B = U.S. ASOS data for October 2000-December 2005 (NCDC DSI-3211)
- b = Belarus update
- C = Environment Canada
- E = European Climate Assessment and Dataset (Klein Tank et al., 2002)
- F = U.S. Fort data
- G = Official Global Climate Observing System (GCOS) or other government-supplied data
- H = High Plains Regional Climate Center real-time data
- I = International collection (non U.S. data received through personal contacts)
- K = U.S. Cooperative Summary of the Day data digitized from paper observer forms (from 2011 to present)
- M = Monthly METAR Extract (additional ASOS data)
- N = Community Collaborative Rain, Hail, and Snow (CoCoRaHS)
- Q = Data from several African countries that had been "quarantined", that is, withheld from public release until permission was granted from the respective meteorological services
- R = NCDC Reference Network Database (Climate Reference Network and Historical Climatology Network-Modernized)
- r = All-Russian Research Institute of Hydrometeorological Information-World Data Center
- S = Global Summary of the Day (NCDC DSI-9618)
NOTE: "S" values are derived from hourly synoptic reports exchanged on the Global Telecommunications System (GTS). Daily values derived in this fashion may differ significantly from "true" daily data, particularly for precipitation(i.e., use with caution).
- s = China Meteorological Administration/National Meteorological Information Center/Climate Data Center (<http://cdc.cma.gov.cn>)
- T = SNOwpack TELeentry (SNOTEL) data obtained from the Western Regional Climate Center
- U = Remote Automatic Weather Station (RAWS) data obtained from the Western Regional Climate Center
- u = Ukraine update
- W = WBAN/ASOS Summary of the Day from NCDC's Integrated Surface Data (ISD).
- X = U.S. First-Order Summary of the Day (NCDC DSI-3210)
- Z = Datzilla official additions or replacements
- z = Uzbekistan update

Table 4 (observation/value)

Note: 9's in a field (e.g.9999) indicate missing data or data that has not been received.

The five core values are:

PRCP = Precipitation (mm or inches as per user preference, inches to hundredths on Daily Form pdf file)
SNOW = Snowfall (mm or inches as per user preference, inches to tenths on Daily Form pdf file)
SNWD = Snow depth (mm or inches as per user preference, inches on Daily Form pdf file)
TMAX = Maximum temperature (Fahrenheit or Celsius as per user preference, Fahrenheit to tenths on Daily Form pdf file)
TMIN = Minimum temperature (Fahrenheit or Celsius as per user preference, Fahrenheit to tenths on Daily Form pdf file)

The other values are:

ACMC = Average cloudiness midnight to midnight from 30-second ceilometer data (percent)
ACMH = Average cloudiness midnight to midnight from manual observations (percent)
ACSC = Average cloudiness sunrise to sunset from 30-second ceilometer data (percent)
ACSH = Average cloudiness sunrise to sunset from manual observations (percent)
AWND = Average daily wind speed (meters per second or miles per hour as per user preference)
DAEV = Number of days included in the multiday evaporation total (MDEV)
DAPR = Number of days included in the multiday precipitation total (MDPR)
DASF = Number of days included in the multiday snowfall total (MDSF)
DATN = Number of days included in the multiday minimum temperature (MDTN)
DATX = Number of days included in the multiday maximum temperature (MDTX)
DAWM = Number of days included in the multiday wind movement (MDWM)
DWPR = Number of days with non-zero precipitation included in multiday precipitation total (MDPR)
EVAP = Evaporation of water from evaporation pan (mm or inches as per user preference, or hundredths of inches on Daily Form pdf file)
FMTM = Time of fastest mile or fastest 1-minute wind (hours and minutes, i.e., HHMM)
FRGB = Base of frozen ground layer (cm or inches as per user preference)
FRGT = Top of frozen ground layer (cm or inches as per user preference)
FRTH = Thickness of frozen ground layer (cm or inches as per user preference)
GAHT = Difference between river and gauge height (cm or inches as per user preference)
MDEV = Multiday evaporation total (mm or inches as per user preference; use with DAEV)
MDPR = Multiday precipitation total (mm or inches as per user preference; use with DAPR and DWPR, if available)
MDSF = Multiday snowfall total (mm or inches as per user preference)
MDTN = Multiday minimum temperature (Fahrenheit or Celsius as per user preference ; use with DATN)
MDTX = Multiday maximum temperature (Fahrenheit or Celsius as per user preference ; use with DATX)
MDWM = Multiday wind movement (miles or km as per user preference)
MNPV = Daily minimum temperature of water in an evaporation pan (Fahrenheit or Celsius as per user preference)
MXPV = Daily maximum temperature of water in an evaporation pan (Fahrenheit or Celsius as per user preference)

PGTM = Peak gust time (hours and minutes, i.e., HHMM)

PSUN = Daily percent of possible sunshine (percent)

SN*# = Minimum soil temperature where * corresponds to a code for ground cover and # corresponds to a code for soil depth (Fahrenheit or Celsius as per user preference)

Ground cover codes include the following:

0 = unknown

1 = grass

2 = fallow

3 = bare ground

4 = brome grass

5 = sod

6 = straw mulch

7 = grass muck

8 = bare muck

Depth codes include the following:

1 = 5 cm

2 = 10 cm

3 = 20 cm

4 = 50 cm

5 = 100 cm

6 = 150 cm

7 = 180 cm

SX*# = Maximum soil temperature where * corresponds to a code for ground

cover and # corresponds to a code for soil depth. See SN*# for depth codes. (Fahrenheit or Celsius as per user preference)

THIC = Thickness of ice on water (inches or mm as per user preference)

TOBS = Temperature at the time of observation (Fahrenheit or Celsius as per user preference)

TSUN = Daily total sunshine (minutes)

WDF1 = Direction of fastest 1-minute wind (degrees)

WDF2 = Direction of fastest 2-minute wind (degrees)

WDF5 = Direction of fastest 5-second wind (degrees)

WDFG = Direction of peak wind gust (degrees)

WDFI = Direction of highest instantaneous wind (degrees)

WDFM = Fastest mile wind direction (degrees)

WDMV = 24-hour wind movement (km or miles as per user preference, miles on Daily Form pdf file)

WESD = Water equivalent of snow on the ground (inches or mm as per user preference)

WESF = Water equivalent of snowfall (inches or mm as per user preference)

WSF1 = Fastest 1-minute wind speed (miles per hour or meters per second as per user preference)

WSF2 = Fastest 2-minute wind speed (miles per hour or meters per second as per user preference)

WSF5 = Fastest 5-second wind speed (miles per hour or meters per second as per user preference)

WSFG = Peak guest wind speed (miles per hour or meters per second as per user preference)

WSFI = Highest instantaneous wind speed (miles per hour or meters per second as per user preference)

WSFM = Fastest mile wind speed (miles per hour or meters per second as per user preference)

WT** = Weather Type where ** has one of the following values:

- 01 = Fog, ice fog, or freezing fog (may include heavy fog)
- 02 = Heavy fog or heaving freezing fog (not always distinguished from fog)
- 03 = Thunder
- 04 = Ice pellets, sleet, snow pellets, or small hail
- 05 = Hail (may include small hail)
- 06 = Glaze or rime
- 07 = Dust, volcanic ash, blowing dust, blowing sand, or blowing obstruction
- 08 = Smoke or haze
- 09 = Blowing or drifting snow
- 10 = Tornado, waterspout, or funnel cloud
- 11 = High or damaging winds
- 12 = Blowing spray
- 13 = Mist
- 14 = Drizzle
- 15 = Freezing drizzle
- 16 = Rain (may include freezing rain, drizzle, and freezing drizzle)
- 17 = Freezing rain
- 18 = Snow, snow pellets, snow grains, or ice crystals
- 19 = Unknown source of precipitation
- 21 = Ground fog
- 22 = Ice fog or freezing fog

WVxx = Weather in the Vicinity where “xx” has one of the following values

- 01 = Fog, ice fog, or freezing fog (may include heavy fog)
- 03 = Thunder
- 07 = Ash, dust, sand, or other blowing obstruction
- 18 = Snow or ice crystals
- 20 = Rain or snow shower

Additional details are available online at <http://www1.ncdc.noaa.gov/pub/data/ghcn/daily/readme.txt> (note the readme file does not apply to the Daily Form pdf file or CSV outputs, however values are the same, other than a few differences in units noted in table 4 above).