

Pawnee Belowground Temperature Field Form *January 2000*

Data Type	Site	Initials	Date			Time MST	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches	
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75
59		MOL	1	01	2000	0907	30	35	33	33	33	33		1.5		3.0		4.5		5.5
			2			0849	30	35	33	34	33	33		1.5		3.0		4.5		5.5
			3			0922	29	35	34	34	33	33		1.5		3.0		4.5		6.0
			4			1047	27	32	34	34	33	33		1.5		3.0		4.5		6.0
			5			0537	30	33	34	34	33	33		1.0		3.0		4.5		6.0
			6			0931	27	33	33	34	32	33		1.0		2.5		4.5		6.0
			7			0902	25	33	32	32	31	32		0.5		2.5		4.5		5.5
			8			0546	27	32	32	32	31	32		0.5		2.5		4.5		5.5
			9			1434	27	35	32	32	31	31		0.5		2.5		4.0		5.5
			10			0811	30	34	32	32	31	31		0.5		2.5		4.0		5.5
			11			1012	26	33	32	32	31	31		0.5		2.5		4.0		5.5
			12			0720	29	35	32	32	31	31		0.5		2.0		4.0		5.5
			13			0705	28	36	32	32	31	31		0.5		2.5		4.0		5.5
			14			0955	27	35	32	32	30	31		0.5		2.5		4.0		5.5
			15			0537	30	38	32	32	30	31		0.5		2.0		3.5		5.5
			16			1040	29	37	33	33	30	31		0.5		2.0		3.5		5.0
			17			0543	30	35	33	33	30	31		0.5		2.0		3.5		5.0
			18			0837	30	40	33	36	31	33		1.0		2.5		3.5		5.0
			19			0919	30	38	34	36	33	34		1.5		2.5		3.5		5.0
			20			0731	28	39	35	38	33	35		1.5		2.5		4.0		5.0
			21			0900	27	37	33	34	33	33		1.5		2.5		4.0		5.0
			22			0714	29	35	33	34	33	33		1.5		2.5		4.0		5.0
			23			0941	28	37	33	34	33	34		1.5		2.5		4.0		5.0
			24			0750	28	36	33	33	32	32		1.5		2.5		4.0		5.0
			25			1141	29	36	33	33	32	32		1.5		2.5		4.0		5.0
			26			0551	29	33	33	33	32	32		1.0		2.5		4.0		5.0
			27			0757	29	38	33	33	32	32		1.5		2.5		4.0		5.0
			28			0927	26.5	36.5	33	33	32	32		1.5		2.5		4.0		5.0
			29			0905	26	33	32	33	32	32		1.0		2.5		4.0		5.0
			30			0942	27	31	37	32	30	32		0.5		2.5		4.0		5.0
			31			0812	22	35	31	32	30	31		0.5		2.5		4.0		5.0

Site  
11 Pawnee  
Data Type  
59 Belowground  
Temperature  
Missing Codes: M



## Pawnee Belowground Temperature Field Form

February 2000

Data Type	Site	Initials	Date			Time MST	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches	
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75
59		MDL	1	02	00	0551	22	36	29	31	30	30		0.5		2.0		3.5		5.0
			2			1007	23	37	29	31	30	31		0.0		1.5		3.5		5.0
			3			0842	30	39	30	33	30	30		0.5		1.5		3.5		4.5
			4			0907	25	36	33	33	30	30		0.5		2.0		3.5		4.5
			5			0840	26	36	33	33	30	30		0.5		1.5		3.5		4.5
			6			1003	27	39	32	32	30	30		0.5		1.5		3.0		4.5
			7			0927	29	41	32	33	30	30		0.5		1.5		3.0		4.0
			8			1031	29	42	33	35	30	30		0.5		1.5		3.5		4.5
			9			0927	31	39	33	35	31	31		0.5		1.5		3.5		4.0
			10			1005	31	39	33	36	31	33		1.5		1.5		3.0		4.0
			11			0815	33	43	35	40	33	37		2.5		2.5		3.5		4.5
			12			0640	32	33	35	35	35	36		2.5		2.5		3.5		4.5
			13			1220	31	34	34	35	34	34		2.0		2.5		3.5		4.5
			14			0818	32	40	34	36	34	35		2.0		2.5		3.5		4.0
			15			0916	31	45	35	39	34	37		2.0		2.5		3.5		4.5
			16			0903	32	42	35	39	34	37		2.5		3.0		3.5		4.0
			17			1021	31	41	34	36	35	36		2.5		3.0		4.0		4.0
			18			0916	33	37	35	35	35	35		2.5		3.0		4.0		4.0
			19			0649	31	44	35	38	34	37		2.5		3.5		4.0		4.5
			20			1054	31	42	34	36	34	35		1.5		3.0		4.0		4.5
			21			0853	31	32	34	34	33	33		1.5		3.0		4.0		4.0
			22			1031	31	48	34	39	34	37		2.5		3.0		3.5		4.0
			23			0811	34	43	35	40	34	38		3.5		3.5		3.5		4.0
			24			0855	34	53	37	47	37	43		4.0		4.0		4.0		4.0
			25			0843	34	49	37	44	37	42		4.5		4.5		4.5		4.0
			26			0901	32	41	36	39	36	38		3.0		4.5		4.5		4.0
			27			1055	32	44	35	41	35	39		3.0		4.0		4.5		4.0
			28			0827	32	49	36	43	36	41		3.5		4.5		4.5		4.0
			29			1021	33	52	35	46	35	43		4.5		4.5		4.5		4.0
			30																	
			31																	

Site

11 Pawnee

Data Type

59 Belowground

Temperature

Missing Codes: M

Pawnee Belowground Temperature Field Form

March 2000

Data Type	Site	Initials	Date			Time	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches	
			8-9	10-11	12-13		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75
59		MAL	1	03	00	0822	33	53	38	47	37	44		4.5		5.0		5.0		4.5
			2			0916	35	48	38	45	37	43		5.0		5.0		5.0		4.5
			3			0925	37	43	40	42	39	41		5.0		5.0		5.0		4.5
			4			0742	34	56	38	49	38	46		5.5		5.5		5.0		4.5
			5			1117	33	57	38	50	38	46		5.0		5.5		5.0		4.5
			6			0902	38	55	42	49	39	46		6.0		5.5		5.5		4.5
			7			0957	37	56	42	50	41	47		6.0		6.0		5.5		4.5
			8			0841	40	51	42	48	40	45		6.5		6.5		5.5		4.5
			9				-	-	-	-	-	-		-		-		-		-
			10			0930	-	-	-	-	-	-		5.5		6.5		6.0		4.5
			11			1117	31	45	36	42	35	42		3.5		5.5		5.5		5.0
			12			1107	34	53	36	45	35	43		4.5		5.5		5.5		4.5
			13			0849	32	55	37	47	37	44		5.0		6.0		6.0		5.0
			14			1141	34	57	37	47	36	45		5.0		5.5		5.5		5.0
			15			0905	38	53	41	47	39	44		5.5		5.5		5.5		5.0
			16			0941	31	39	39	41	39	41		5.0		6.0		6.0		5.0
			17			0812	33	46	36	46	36	40		4.0		5.5		6.0		5.0
			18			0841	31	52.5	36	46	36	42		4.5		5.5		5.5		5.0
			19			0917	33	48	36	43	36	41		3.5		5.5		5.5		5.0
			20			0857	35	51	36	43	36	42		5.0		5.5		5.5		5.0
			21			1046	35	39	37	38	37	39		3.5		5.5		5.5		5.0
			22			0907	33	41	36	39	36	38		3.5		5.0		5.5		5.0
			23			0845	36	52	36	46	36	43		5.0		5.0		5.5		5.0
			24			0814	38	60	40	52	39	48		6.5		5.5		5.5		5.0
			25			0841	35	54	40	51	40	47		5.5		6.5		5.5		5.0
			26			1037	40	58	40	52	40	48		7.0		6.5		5.5		5.0
			27			0757	39	58	43	53	43	49		7.5		6.5		6.0		5.0
			28			0826	41	64	43	57	43	52		8.0		7.0		6.5		5.0
			29			0851	41	59	45	53	45	50		8.5		7.5		6.5		5.0
			30			0831	41	58	45	54	45	51		8.5		8.0		6.5		5.5
			31			1001	38	44	41	44	41	46		6.5		7.5		7.0		5.5

Site

11 Pawnee

Data Type

59 Belowground

Temperature

Missing Codes: M

checked  
Phenology



## Pawnee Belowground Temperature Field Form

April 2000

Data Type	Site	Initials	Date			Time MST	Fahrenheit								Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches			
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75		
59		MDL	1	04	00	0819	35	46	39	44	39	43		5.5		7.5		7.0		5.5		
			2			0903	35	54	39	46	39	46		5.5		6.5		6.5		5.5		
			3			0726	33	44	37	42	37	42		5.0		6.5		7.0		5.5		
			4			0822	32	51	36	44	37	43		4.5		6.0		6.5		5.5		
			5			0801	39	58	36	52	37	48		7.0		6.0		6.5		5.5		
			6			0717	40	61	45	57	43	52		8.5		7.5		6.5		5.5		
			7			0901	40	61	45	54	45	52		8.5		8.0		7.0		5.5		
			8			1042	36	56	41	52	42	50		7.0		8.0		7.0		5.5		
			9			1111	40	64	42	56	42	53		8.0		8.0		7.0		5.5		
			10			0716	44	59	48	55	47	52		9.5		8.5		7.5		5.5		
			11			0642	43	64	48	58	47	55		10.0		8.5		7.5		5.5		
			12			0728	43	67	48	59	48	56		10.0		9.5		7.5		5.5		
			13			0656	45	66	48	60	48	57		10.5		9.5		8.0		5.5		
			14			0740	45	67	49.5	61.5	48.5	57		10.5		10.0		8.0		5.5		
			15			-	-	-	-	-	-	-		-		-		-		-		
			16			0836	-	-	-	-	-	-		9.0		10.0		8.5		6.0		
			17			0855	42.5	63.5	46.5	56	46	53		9.0		10.0		8.5		6.0		
			18			0833	46	70	46.5	63	46	57.5		10.5		10.0		8.5		6.0		
			19			0651	44	70	50	59	49	57		11.0		10.5		8.5		6.5		
			20			0853	42	52	47	51	47	50		9.5		9.5		9.6		6.5		
			21			0635	42	71	47	62	47	58		11.0		10.0		9.0		6.5		
			22			0730	43	75	49	64	50	60		12.0		10.5		9.0		6.5		
			23			0613	47	63	52	59	52	56		11.5		11.0		9.0		6.5		
			24			0710	-	-	-	-	-	-		-		-		-		-		
		DS	25			1340	-	-	-	-	-	-		10.5		10.0		9.5		6.5		
		SRM	26			0855	44	68	49.5	62.5	49	57.5		10		10.5		9.5		7.0		
		DS	27			0833	46.5	67.5	49.0	62.0	49	57		11.5		11.0		9.5		7.0		
			28			0952	46	73	51	68	51	67		12.0		11.5		9.5		7.0		
			29			-	-	-	-	-	-	-		-		-		-		-		
			30			1010	-	-	-	-	-	-		11.0		11.5		10.0		7.0		
			31			0621	40	53	45	52	46	50		9.0		10.0		10.0		7.0		

Site

11 Pawnee

Data Type

50 Belowground

Temperature

Missing Codes M



Pawnee Belowground Temperature Field Form

May 2000

Data Type	Site	Initials	Date			Time MST	Fahrenheit												Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches							
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max						
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75						
59			1	05	00	0621	40	53	45	52	46	50		9.0		12.0		10.0		7.0						
			2			0642	41	68	46	63	45	57		11.0		11.0		10.0		7.0						
			3			0622	46	73	48	67	48	61		13.0		12.0		10.0		7.0						
			4			0711	48	75	53	70	53	65		14.0		12.0		10.0		7.5						
			5			0819	54	79	56	73	56	67		15.0		13.0		10.0		7.0						
			6			0801	55.5	81	58	75	58	69		16.5		13.5		10.5		7.5						
			7			0914	58	79	62	75	61	69		16.5		14.5		11.0		7.5						
			8			0744	53	78	59	73	59	68		16.0		15.0		11.5		8.0						
			9			0904	48	57	55	59	54	58		13.5		14.0		12.0		8.0						
			10			0725	51	72	55	66	54	62		14.0		14.0		11.5		8.0						
			11			0801	52	75	56	69	55	64		15.0		14.5		11.5		8.0						
			12			0742	47	72	55	64	55	63		13.5		14.0		12.0		8.5						
			13																							
			14			0823								13.5		13.5		12.0		8.5						
			15			0858	50	80	54	71	53	66		14.5		13.5		12.0		8.5						
			16			0637	52	79	56	70	57	66		15.5		14.0		12.0		8.5						
			17			0547	53	83	58	75	58	70		17.5		14.5		12.0		8.5						
			18			0625	46	71	52	67	52	64		12.5		14.5		12.5		8.5						
			19			0707	45.5	61	51	58	51	56.5		12.0		13.5		12.5		9.0						
			20																							
			21			1009								13.5		13.5		12.0		9.0						
			22			0657	55	72	58	70	56	66		15.5		14.0		12.0		9.0						
			23			0829	56	71	59	70	58	67		16.0		14.5		12.0		9.0						
			24			0721	57	76	63	74	62	70		17.5		15.0		12.5		9.0						
			25			0654	56	67	61	68	60	65		16		16		12.5		9.0						
			26			0602	56	77	61	73	61	69		17		15.5		13.0		9.5						
			27			0838	52	65	59	66	58	63		15.5		15.5		13.0		9.5						
			28																							
			29			1616								20		15.5		13.0		9.5						
			30			0640	63	82	68	78	67	73		20		17		13.5		9.5						
			31			0632	62	82	66	76	66	73		19.5		17		14		10						

Site  
11 Pawnee  
Data Type  
59 Belowground  
Temperature  
Missing Codes: M

\* Memorial Day



Pawnee Belowground Temperature Field Form

June 2000

Data Type	Site	Initials	Date			Time MST	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches	
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75
59		MDL	1	6	00	0630	56	77	64.5	74	64	71		19		17		14		10
			2	6	00	0622	56	83	64	77	63	73		19		18		14.5		10
			3			0720	56	84	63	77	63	73		19		17.5		14.5		10
			4			1201	60	89	65	80	64	75		20		17.5		14.5		10
			5			0617	58	86	66	79	66	75		20		18.0		15.0		10.5
			6			0623	57.5	89	66	79	65	74		20		18.0		15.0		10.5
			7			0622	60	96	66	83	66	76		21		18.5		15.0		10.5
			8			0617	62	98	68	85	66	85		22		19		15.5		11.0
			9			0720	63	98	69	85	70	79		21.5		19.5		15.5		10.5
			10			0941	61	93	70	82	69	78		21.0		19.5		16.0		11.0
			11			0916	62	96	70	83	70	79		21.5		19.5		16.0		11.0
			12			0906	61	98	69	84	69	80		21.5		20.0		16.5		11.0
			13			0708	67	95	69	83	69	79		22.5		20.0		16.5		11.0
			14			0707	58	83	66	78	66	75		20.5		20.0		16.5		11.5
			15			0746	58	91	66	80	66	76		21.0		19.5		16.5		11.5
			16			0740	60	89	67	79	67	75		20.5		19.5		17.0		11.5
			17			0933	53	64	60	67	61	67		18		19		16.5		12.0
			18			1134	52	76	59	71	59	69		17.5		18		16.5		12.0
			19			0731	59	81	64	75	64	72		18.5		18.0		16.5		12.0
			20			0731	55	76	61	73	62	70		18.0		18.0		16.5		12.0
			21			0824	55	80	62	77	62	73		18.5		18.0		16.0		12.0
			22			0610	58	88	62	81	62	76		20.0		18.5		16.0		12.5
			23			0710	58	92	65	83	65	78		21.0		18.5		16.0		12.5
			24			1047	62	92	69	82	66	77		20.5		19.0		16.0		12.5
			25			1050	60	91	68	81	68	77		20.5		19.5		16.5		12.5
			26			0655	61	79	67	74	67	72		20.0		19.5		16.5		12.5
			27			0640	58	68	65	68	64	67		19.0		19.0		16.5		12.5
			28			0740	53	78	60	72	60	69		17.5		18.5		16.5		12.5
			29			0731	57	81	59	75	58	72		18.5		18.0		16.5		12.5
			30			0914	58	81	63	76	63	73		18.5		18.0		16.5		12.5
			31																	

Site

11 Pawnee

Data Type

59 Belowground

Temperature

Missing Codes: M



Pawnee Belowground Temperature Field Form July 2000

Data Type	Site	Initials	Date			Time MST	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches	
			8-9	10-11	12-13		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75
59		MDL	1	07	00															
			2																	
			3																	
			4			1512														
			5			0807	69	99	75	87	74	81		23.5		19.5		16.5		12.5
			6			0712	68	101	74	87	73	82		23.5		20.0		17.0		12.5
			7			1124	69	103	74	89	72	84		23.5		20.5		17.0		12.5
			8			1027	66	102	74	89	74	83		24.0		21.0		17.5		12.5
			9			1028	66	91	73	87	73	79		23.5		21.5		17.5		12.5
			10			0717	65	89	73	83	72	79		23.0		21.0		18.0		12.5
			11			0827	62	93	70	83	71	79		23.5		21.5		18.0		13.0
			12			0824	63	92	71	84	71	80		22.5		21.5		18.0		13.5
			13			0710	66	96	71	86	71	81		22.5		21.5		18.5		13.0
			14			0528	66	100	72	87	71	82		23.5		21.5		18.5		13.5
			15			1150	64	103	73	89	74	85		24.5		22.0		18.5		13.5
			16			1130	71	102	78	89	76	84		24.5		22.0		18.5		13.5
			17			0513	68	96	75	87	72	82		24.5		22.5		19.0		13.5
			18			0638	60	81	70	78	70	76		22.5		22.0		19.0		14.0
			19			0634	62	94	69	83	71	80		23.0		22.0		19.0		14.5
			20			0636	63	96	71	84	71	80		24.0		22.0		19.0		14.5
			21			0758	64	99	72	85	72	82		23.5		22.0		19.0		14.5
			22			1121	64	100	72	86	70	82		23.5		22.0		19.0		14.5
			23			1012	64	103	73	88	73	83		23.5		22.0		19.0		14.5
			24			0628	66	104	74	92	74	83		24.5		22.0		19.0		14.5
			25			0640	65	99	73	85	74	81		24.5		22.5		19.0		14.5
			26			0628	66	106	73	87	74	83		24.5		22.5		19.5		14.5
			27			0640	66	100	74	84	74	81		24.5		22.5		19.5		14.5
			28			0708	61	101	71	86	71	82		23.5		22.5		19.5		15.0
			29			0819	61	92	70	85	70	81		23.0		22.5		19.5		15.0
			30			0556	63	94	71	85	71	81		23.5		22.5		19.5		15.0
			31			1037	63	96	71	87	71	82		23.0		22.0		19.5		15.0

Site  
11 Pawnee  
Data Type  
59 Belowground  
Temperature  
Missing Codes: M



## Pawnee Belowground Temperature Field Form

August 2000

Data Type	Site	Initials	Date			Time	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches	
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-76
59			1	08	00	7:09	65	90	73	87	73	83	-	24	-	22.5	-	19.5	-	15
			2			7:05	67	90	73	86	73	82	-	24.5	-	22.5	-	19.5	-	15
			3			7:44	69	100	74	87	74	82	-	24.5	-	22.5	-	19.5	-	15
			4			7:00	67	100	79	85	74	81	-	24.5	-	23	-	20	-	15
			5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6	08	00	10:56	-	86	-	73	-	73	-	23	-	22.5	-	19.5	-	15.0
			7			09:57	63	99	72	86	72	82	-	23.5	-	22.0	-	19.5	-	15.0
			8			07:57	65	95	72	84	73	81	-	23.5	-	22.0	-	20.0	-	15.0
			9			07:16	66	104	73	89	73	84	-	24.5	-	22.5	-	20.0	-	15.5
			10			09:55	68	104	73	88	74	84	-	24.5	-	22.5	-	20.0	-	15.5
			11			08:17	67	104	75	88	75	84	-	25.0	-	23.0	-	20.0	-	15.5
			12			07:00	64	107	70	89	71	84	-	23.0	-	23.0	-	20.0	-	15.5
			13			12:11	62	84	68	76	68	74	-	21.5	-	21.5	-	20.0	-	15.5
			14			07:10	64	88	71	83	70	80	-	23.0	-	22.0	-	20.0	-	15.5
			15			08:23	65	89	71	84	70	80	-	23.0	-	22.0	-	20.0	-	15.5
			16			07:45	64	92	70	87	70	83	-	22.5	-	22.0	-	20.0	-	15.5
			17			06:46	63	80	68	77	68	75	-	21.5	-	22.0	-	20.0	-	15.5
			18			08:41	59	77	66	74	66	76	-	20.5	-	21.5	-	20.0	-	15.5
			19			11:39	61	80	66	76	61	73	-	20.5	-	20.5	-	19.5	-	15.5
			20			10:46	61	83	66	78	68	75	-	20.0	-	20.5	-	19.5	-	15.5
			21			09:00	57	81	64	74	64	72	-	19.5	-	20.5	-	19.5	-	15.5
			22			09:39	60	82	64	78	64	74	-	20.0	-	20.0	-	19.0	-	15.5
			23			08:32	59	85	66	77	65	74	-	20.0	-	20.0	-	19.0	-	15.5
			24			08:29	61	85	66	80	66	76	-	20.5	-	20.5	-	18.5	-	15.5
	NEK		25			07:02	64	86.5	67	80	66	76	-	21.5	-	20.5	-	19.0	-	15.5
	NEK		26			07:17	61	89.5	67	80	67	79	-	21.0	-	21.0	-	18.5	-	15.5
			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			28			07:47	61	89.5	67	80	67	79	-	21.0	-	21.0	-	18.5	-	15.5
			29			09:33	59	81	66	80	66.5	72	-	20.0	-	20.0	-	16.5	-	15.5
			30			07:08	61	86	67	78	67	73.5	-	20.5	-	20.5	-	19.0	-	15.5
	DS		31			08:05	60	90	67	80	67	75	-	21.0	-	20.5	-	19.0	-	15.0
						07:31	60	86	66.5	76	67	73	-	20.5	-	20.5	-	18.5	-	15.5

-Current Temp/ Hour



## Pawnee Belowground Temperature Field Form

SEPTEMBER 2000

Data Type	Site	Initials	Date			Time MST	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches	
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75
59		NEK	1	09	00	0731	60	86	66.5	76	67	73		20.5		20.5		18.5		15.5
			2																	
			3																	
			4																	
		NEK	5	09	00	0740	56	90	64	79	64	74		20.5		20.5		18.5		15.5
			6																	
			7			0550								21		20.5		18.5		15.5
			8			0526	57	87	66	76	66	73		20.5		20.5		18.5		15.5
			9			0706	55	87	64	76	66	72		20.0		20.0		18.5		15.5
			10			0834	56	87	64	77	65	73		20.0		20.0		18.5		15.5
			11			0610	57	92	65	78	65	74		20.5		20.0		18.5		15.5
		NEK	12			0802	55	88	64	78	65	74		20.0		20.0		18.5		15.5
			13			0731	59	92	64	78	65	73		20.0		20.0		18.5		15.5
			14			0709	56	92	66	79	66	74		20.5		20.0		18.5		15.5
			15			0647	56	91	66	77	66	74		20.5		20.0		18.5		15.5
			16																	
			17			0942								20.5		20.0		18.5		15.5
			18			0736	68	94	68	80	67	76		21.5		20.5		18.5		15.5
			19			0707	64	91	70	81	69	75		21.5		20.5		18.5		15.5
			20			0756	49	76	59	74	59	71		18.0		20.5		18.5		15.5
			21			0704	04	70	57	67	56	65		16.0		20.0		18.5		16.0
			22			0737	46	64	55	62	55	61		15.0		18.5		18.5		16
			23			0804	42	48	49	55	48	55		11.5		17.0		18.0		15.5
			24			1141	42	46	48	49	47	48		10.0		15.5		17.5		15.5
			25			0742	36	43	45	47	44	47		8.5		14.5		16.5		15.5
			26			0917	36	59	44	54	44	51		9.5		13.5		15.5		15.5
			27			0723	44	64	46	58	46	54		11		13.5		15.5		15.5
			28			0730	45	65	45	66.5	41.5	57		11.5		13.5		15.0		15.0
			29			0733	44	67	48	63	50	58		13.0		13.5		14.5		15.0
			30			0612	50	66	54	63	54	60		13.5		14.0		14.5		15.0
			31			1003	49	67	55	63	53	59		13.5		14.0		14.5		14.5

LABOR  
DAY  
WEEKEND

Site  
11 Pawnee  
Data Type  
59 Belowground  
Temperature  
Missing Codes M



Pawnee Belowground Temperature Field Form

October 2000

Data Type	Site	Initials	Date			Time MST	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches	
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75
59		MDL	1	10	00	1003	49	67	55	63	53	59		13.5		14.0		14.5		14.5
			2			0516	50	68	56	66	54	61		14.5		14.5		14.5		14.5
			3			0814	48	68	56	65	55	61		14.5		15.0		14.5		14.5
			4			0755	51	62	56	61	56	59		14.0		15.0		14.5		14.0
			5			0949	49	62	55	62	54	59		13.5		15.0		14.5		14.0
			6			0746	44	50	51	55	50	55		11.5		14.5		15.0		14.0
			7			0800	43	50	49	51	48	51		10.5		13.5		14.5		14.0
			8			1101	37	51	45	50	45	49		9.0		12.5		14.0		14.0
			9			0644	37	57	45	53	45	50		9.5		12.5		14.0		14.0
			10			1050	36	60	44	54	44	51		9.0		11.5		13.5		13.5
			11			0751	43	62	47	52	46	53		10.5		12.0		13.5		13.5
			12			0754	43	63	47	58	48	55		11.5		12.0		13.0		13.5
			13			0757	46	66	52	61	51	57		12.5		12.5		13.0		13.5
			14			-	-	-	-	-	-	-		-		-		-		-
			15			-	-	-	-	-	-	-		-		-		-		-
			16			-	-	-	-	-	-	-		-		-		-		-
			17			-	-	-	-	-	-	-		-		-		-		-
			18			-	-	-	-	-	-	-		-		-		-		-
			19			-	-	-	-	-	-	-		-		-		-		-
			20			-	-	-	-	-	-	-		-		-		-		-
			21			-	-	-	-	-	-	-		-		-		-		-
			22			1102	-	-	-	-	-	-		11.5		12.5		12.5		12.5
			23			0749	45	49	50	52	49	52		10.5		12.5		12.5		12.5
			24			0747	45	50	50	50	49	50		10.5		12.0		12.5		12.5
			25			0635	41	59	48	56	49	53		10.5		12.0		12.5		12.5
			26			0812	40	61	47	55	48	52		10.0		12.0		12.5		12.5
			27			0911	41	60	47	55	47	51		9.5		11.5		12.5		12.5
			28			0923	45	57	47	54	47	51		10.5		11.5		12.0		12.5
			29			1040	48	58	50	55	49	53		11.0		11.5		12.0		12.5
			30			0849	41	58	48	57	48	54		10.0		11.5		12.0		12.0
			31			1048	42	57	48	54	48	52		9.5		11.5		12.0		12.0

Site

11 Pawnee

Data Type

59 Belowground

Temperature

Missing Codes M



Pawnee Belowground Temperature Field Form *November 2000*

Data Type	Site	Initials	Date			Time	Fahrenheit								Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches			
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75		
59		MDL	1	11	00	0859	40	48	45	48	46	48		9.0		11.0		12.0		12.0		
			2			0827	34	47	41	47	42	46		7.5		10.5		12.0		12.0		
			3			0926	33	43	41	43	41	42		6.5		10.0		11.5		12.0		
			4			-	-	-	-	-	-	-		-		-		-		-		
			5			1102	-	-	-	-	-	-		6.5		8.5		10.5		11.5		
			6			0916	31	39	37	41	38	41		5.0		8.5		10.5		11.5		
			7			1007	31	33	36	37	35	37		4.0		8.0		10.5		11.5		
			8			0847	30	33	35	35	35	35		3.5		7.5		10.0		11.5		
			9			1025	30	39	35	38	35	35		3.5		6.5		9.5		11.5		
			10			0358	32	44	35	42	35	37		3.5		6.5		9.5		11.0		
			11			11:00	31	31	35	35	35	35		3.0		6.5		9.5		11.0		
			12			0752	31	31	35	36	35	36		3.0		6.0		9.0		11.0		
			13			0905	27	31	35	35	35	35		2.5		5.5		8.5		10.5		
			14			1029	24	30	32	34	32	34		2.0		5.5		8.5		10.5		
			15			0457	23	31	32	33	32	32		1.5		5.0		8.0		10.5		
			16			0911	22	30	30	31	30	31		1.5		4.5		7.5		10.5		
			17			0848	19	30	29	29	28	30		0.5		4.5		7.5		10.0		
			18			0406	18	30	30	31	27	29		0.5		4.0		7.5		10.0		
			19			1016	16	30	27	29	26	28		0.0		3.5		6.5		9.5		
			20			0914	22	31	28	30	27	29		0.0		3.5		6.5		9.5		
			21			0948	25	31	28	30	28	29		0.0		2.5		6.0		9.5		
			22			0540	29	33	30	32	29	29		0.0		2.5		6.0		9.0		
			23			1302	27	33	32	32	29	30		0.0		2.5		5.5		8.5		
			24			0530	25	33	32	32	30	30		0.5		2.0		5.5		8.5		
			25			0834	24	34	32	32	30	30		0.5		2.5		5.5		8.5		
			26			1115	26	33	32	32	30	30		0.5		2.5		5.5		8.5		
			27			0928	30	31	32	32	30	30		0.5		2.5		5.5		8.5		
			28			0946	30	34	32	32	29	30		0.5		2.5		5.5		8.0		
			29			0850	25	32	32	32	30	30		0.5		3.0		5.5		8.0		
			30			0900	26	32	32	32	30	30		0.5		2.5		5.0		7.5		
			31																			

Site  
11 Pawnee  
Data Type  
59 Belowground  
Temperature  
Missing Code: M



Pawnee Belowground Temperature Field Form

December 2000

December 2000																				
Data Type	Site	Initials	Date			Time	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 Inch		Temperature at 2.25 Inches		Temperature at 4 Inches		Temperature at 8 Inches		Temperature at 20 Inches		Temperature at 40 Inches		Temperature at 72 Inches	
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75
59		MDL	1	12	00	0949	22	34	32	32	30	30		0.5		2.5		5.5		7.5
			2			1419	23	33	32	32	30	30		0.0		2.5		5.0		7.5
			3			1007	24	32	32	32	30	30		0.0		2.5		5.0		7.5
			4			0936	25	32	31	31	30	30		0.0		2.5		5.0		7.5
Site			5			1023	25	33	31	31	29	30		0		2.5		5.0		7.5
11 Pawnee			6			0948	23	31	31	31	30	30		0		2.5		4.5		7.5
Data Type			7			0938	27	33	31	31	29	30		0		2.0		4.5		7.0
59 Belowground			8			0925	31	37	31	33	29	30		0.5		2.0		4.5		7.0
Temperature			9			0446	31	35	33	33	30	30		0.5		2.5		4.5		7.0
Missing Codes M			10			1217	29	37	33	36	30	30		0.5		2.5		4.5		6.5
			11			0908	25	29	33	33	30	30		0.5		2.5		4.5		7.0
			12			10:41	22	29	32	33	30	30		0.5		2.5		4.5		7.0
			13			0911	19	30	29	31	28	30		0		2.5		4.5		6.5
			14			0921	21	30	28	29	27	28		-0.5		2.5		4.5		6.5
			15			0934	22	31	27	29	26	28		-0.5		1.5		4.5		6.5
			16			1159	22	32	28	30	28	29		-0.5		1.5		4.5		6.5
			17			0534	22	29	28	29	27	28		-1.0		1.5		4.5		6.5
			18			0934	22	32	27	29	27	28		-1.0		1.5		4.0		6.5
			19			0844	20	29	27	28	26	27		-1.5		1.5		4.0		6.5
			20			0949	21	33	27	30	26	28		-0.5		1.5		3.5		6.5
			21			-	-	-	-	-	-	-		-		-		-		-
			22			-	-	-	-	-	-	-		-		-		-		-
			23			-	-	-	-	-	-	-		-		-		-		-
			24			-	-	-	-	-	-	-		-		-		-		-
			25			-	-	-	-	-	-	-		-		-		-		-
			26			-	-	-	-	-	-	-		-		-		-		-
			27			1101	27	31	27	29	27	28		-2		1		3.5		5.5
			28			-	-	-	-	-	-	-		-		-		-		-
			29			-	-	-	-	-	-	-		-		-		-		-
			30			0716	-	-	-	-	-	-		-1.0		0.50		3.0		5.5
			31			1222	28	31	27	29	27	28		-1.5		0.50		3.0		5.5
						1226	29	30.5	28	29	28	28		-0.5		0.50		2.5		5.5
						1305	25	29	28	28	27	28		-1.0		0.5		2.5		5.0