

Pawnee Delowground Temperature Field Form

January 2009

Data Type	Site	Initials	Date			Time	Curent Fahrenheit						Curent 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	01	09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			3			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6			1054	-	26	-	-	-	-	-1.5		0.5		2.5		5	
			7			0714	-	28	28	31	27	28	-1.5		0.5		2.5		5	
			8			0724	-	30	30	33	28	30	-0.5		0.5		2.5		5	
			9			0818	-	30	27	27	31	33	0.5		1.0		2.5		5	
			10				-		-	-	-	-								
			11				-		-	-	-	-								
			12			1055	-	29	-	-	-	-	0		1.0		2.5		4.5	
			13			0900	-	26	31	32	20	30	0		1.0		2.5		4.5	
			14			0847	-	29	30	33	30	30	0		1.0		2.5		4.5	
			15				-													
			16				-													
			17																	
			18																	
			19																	
			20			0830	-	31	-	-	-	-	1.0		1.5		2.5		4.0	
			21			0830	-	29	34	39	34	36	1.5		2.5		3.0		4.5	
			22																	
			23			1045	-	34	-	-	-	-	4.0		3.5		3.5		4.5	
			24																	
			25																	
			26			1010	-	30	-	-	-	-	1.5		3.5		4.0		4.5	
			27			1110	-	28	33	33	31	33	0.5		3		4		4.5	
			28			1140	-	28	31	33	30	31	0.5		2.5		3.5		4.5	
			29			1123	-	28	31	32	30	30	0.5		2.0		3.5		4.5	
			30			1325	-	30	31	31	30	30	0		1.5		3		4.5	
			31																	

Site

11 Pawnee

Data Type

59 Delowground

Temperature

Missing Codes: M

Pawnee Belowground Temperature Field Form *February 2009*

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		MOL	1	02	09															
			2			1105	-	29	-	-	-	-		0		1.5		3.0		4.5
			3			1215	-	30	31	34	31	31		0.5		1.5		2.5		4.0
			4			0858	-	28	33	36	30	32		1.0		2.0		3.0		4.0
			5			0815	-	30	32	36	32	32		1.0		2.0		3.0		4.0
			6			0735	-	31	33	38	32	34		1.5		2.5		3.5		4.0
			7				-	-	-	-	-	-		-		-		-		-
			8				-	-	-	-	-	-		-		-		-		-
			9			0825	-	33	-	-	-	-		2.5		2.5		3.5		4.0
			10			0735	-	29	36	37	35	36		2.5		3.5		3.5		4.0
			11			0815	-	29	34	35	34	34		2.0		3.0		3.5		4.0
			12			0707	-	27	34	35	34	34		1.5		3.5		4.0		4.5
			13			1006	-	31	33	36	33	34		1.5		2.5		3.5		4.0
			14			-	-	-	-	-	-	-		-		-		-		-
			15			-	-	-	-	-	-	-		-		-		-		-
			16			1057	-	28.5	-	-	-	-		0.5		2.5		3.5		4.0
			17			0935	-	29	31	35	32	32		1.0		2.0		3.5		4.0
			18			1345	-	37	32	35	32	33		1.5		2.0		3.5		4.0
			19			0718	-	30	35	36	33	34		2.0		2.5		3.5		4.0
			20			1318	-	33	33	35	33	34		1.0		2.5		3.5		4.0
			21				-	-	-	-	-	-		-		-		-		-
			22				-	-	-	-	-	-		-		-		-		-
			23			1224	-	41	-	-	-	-		1.0		1.5		3.0		4.0
			24			1125	-	42	36	38	34	37		2.5		2.5		3.0		4.0
			25			0811	-	33	39	43	37	41		4.0		3.5		3.5		4.0
			26			0651	-	36	38	44	38	42		4.5		4.0		4.0		4.0
			27			0803	-	31	39	43	37	41		4.5		4.5		4.5		4.5
			28																	
			29																	
			30																	
			31																	

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



Pawnee Belowground Temperature Field Form

March 2009

Belowground Temperature Field Form																					March 2009			
Data Type	Site	Initials	Date			Time MST	Celsius		Fahrenheit				Centigrade											
			Day	Month	Year		Temperature at 1 Inch		Temperature at 3.25 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	03	09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			2			1617	—	51	—	—	—	—	—	4.5	—	3.5	—	4.0	—	3.5				
			3			1047	—	43.5	40	45	39	43	—	4.5	—	4.0	—	4.0	—	4.0				
			4			1410	—	53	39	46	39	43	—	4.5	—	4.0	—	4.0	—	4.0				
			5			0843	—	38	43	47	43	44	—	5.5	—	5.0	—	4.5	—	4.0				
			6			0804	—	34	41	45	40	44	—	5.5	—	5.0	—	4.5	—	4.0				
			7			—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.5				
			8			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			9			1000	—	34	34	—	—	—	—	4.5	—	5.5	—	5.0	—	—				
			10			0620	—	33	38	41	37	40	—	4.5	—	5.5	—	5.5	—	4.5				
			11			0706	—	25	35	41	31	38	—	3.0	—	5.5	—	5.5	—	5				
			12			0256	—	25	33	39	34	37	—	3.0	—	5.0	—	5.5	—	5				
			13			0945	—	29	34	39	33	37	—	2.5	—	4.5	—	5.0	—	5				
			14			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			15			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			16			0	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			17			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			18			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			19			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			20			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			21			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			22			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			23			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			24			0800	—	46	—	—	—	—	—	9.5	—	7.5	—	6.5	—	5				
			25			1000	—	39	45	50	45	49	—	8	—	8	—	6.5	—	5				
			26			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			27			1000	—	38	—	—	—	—	—	7	—	7.5	—	7.0	—	5				
			28			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			29			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			30			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
			31			1100	—	31	—	—	—	—	—	3.5	—	5.5	—	6.5	—	5.5				

Site

11 Pawnee

Data Type

59 Belowground

Temperature

Missing Codes: M



Pawnee Belowground Temperature Field Form *April 2009*

April 2009

Site  
11 Pawnee

Data Type  
60 Belowground  
Temperature

Missing Codes: M



# Pawnee Belowground Temperature Field Form

May 2009

Temperature Field Form May 2009																					
Data Type	Site	Initials	Date			Time	Fahrenheit						Centigrade								
			Day	Month	Year		MST	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	09	0747	-	45	50	53	49	53		10.5		10		8.5		6.5	
			2			1115		45.5	48	50	48	49		9.5		9.5		8.5		6.5	
			3			-	-	-	-	-	-	-		-		-		-		-	
			4			1255	-	51.5	-	-	-	-		-		-		-		-	
			5			0844	-	46	48	50	48	52		9.5		9		8.5		6.5	
			6			0834	-	45	49	52	48	53		9.5		9.5		8.5		6.5	
			7			0640	-	45	49	57	48	56		11.5		10.0		8.5		6.5	
			8			0819	-	47	51	58	51	58		12		10.5		9		7	
			9			-	-	-	-	-	-	-		-		-		-		-	
			10			-	-	-	-	-	-	-		-		-		-		-	
			11			0817	-	48	-	-	-	-		11.5		11		9.5		7	
			12			1016	-	57	51	59	51	58		12.5		11		9.5		7	
			13			0821	-	49	55	61	54	60		13.5		11.5		10		7	
			14			0756	-	51	53	56	52	57		11.5		11.5		10		7	
			15			0835	-	52	52	61	52	61		13.5		12		10.5		7	
			16			-	-	-	-	-	-	-		-		-		-		-	
			17			-	-	-	-	-	-	-		-		-		-		-	
			18			0907	-	52	-	-	-	-		14.5		13		11		7.5	
			19			0923	-	58	57	66	57	66		15.5		13		11		7.5	
			20			0904	-	59	59	66	59	66		15.5		13.5		11.6		7.5	
			21			0910	-	56.5	62	65	60	65		16.5		14.5		12		8	
			22			0927	-	57	60	62	59	62		15.5		14.5		12.5		8.5	
			23			-	-	-	-	-	-	-		-		-		-		-	
			24			-	-	-	-	-	-	-		-		-		-		-	
			25			-	-	-	-	-	-	-		-		-		-		-	
			26			-	-	-	-	-	-	-		-		-		-		-	
			27			0917	-	52	-	-	-	-		14.5		14.5		12.5		8.5	
			28			0717	-	48	57	61	56	62		14		14.5		13		9	
			29			0935	-	56	55	63	56	63		14.5		14		12.5		9	
			30			-	-	-	-	-	-	-		-		-		-		-	
			31			-	-	-	-	-	-	-		-		-		-		-	

0745

52.5

16.5

15

15

9.5

Site

11 Pawnee

Data Type

59 Below ground

Temperature

Missing Codes: M



# Pawnee Belowground Temperature Field Form June 2009

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
59			1	06	09	0815	-	54.5	-	-	-	-	-	16.5	-	15	-	-	-	9.5
			2			1315	-	55	59	66	58	64	15.5	-	15.5	-	13.5	-	9.5	
			3			0948	-	51	57	59	56	58	14	-	15	-	13.5	-	9.5	
			4			0639	-	51	57	59	56	57	14.5	-	14.5	-	13.5	-	9.5	
			5			0813	-	55	56	61	57	61	15	-	14	-	13	-	9.5	
			6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			7			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			8			0820	-	52	-	-	-	-	15	-	15	-	13.5	-	9.5	
			9			0848	-	54	57	59	57	60	14.5	-	14.5	-	13.5	-	9.5	
			10			0920	-	54.5	57	63	58	63	15	-	14.5	-	13.5	-	9.5	
			11			0817	-	54.5	59	64	58	63	15.5	-	14.5	-	13.5	-	10	
			12			0853	-	54	57	63	57	63	14.5	-	14.5	-	13.5	-	10	
			13			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			14			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			15			0802	-	56	-	-	-	-	16.5	-	15	-	13.5	-	10	
			16			0741	-	54	59	64	59	63	15.5	-	15.5	-	13.5	-	10	
			17			0903	-	6	59	68	59	67	16.5	-	15.5	-	13.5	-	10	
			18			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			19			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			20			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			21			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			22			0912	-	58	-	-	-	-	18	-	16.5	-	14.5	-	10.5	
			23			1038	-	66	63	72	63	71	17.5	-	16.5	-	14.5	-	10.5	
			24			0852	-	62	65	72	63	71	18	-	17	-	14.5	-	10.5	
			25			0916	-	65	64	72	63	71	19	-	17.5	-	15	-	10.5	
			26			0842	-	63	66	71	60	71	19.5	-	17.5	-	15.5	-	10.5	
			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			28			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			29			0507	-	60	-	-	-	-	19.5	-	18.5	-	15.5	-	11	
			30			0755	-	61	67	75	68	74	20	-	18.5	-	16	-	11.5	
			31			-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

# Pawnee Belowground Temperature Field Form

July 2009

Lawrence Belowground Temperature Field Form																					July 2009	
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			1	07	09	0915	64.5	-	66	76	67	74		20		18.5		16		11.5		
			2			0759	61.5	-	66	74	67	74		20.5		19		16.5		11.5		
			3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			7	-	-	-	0818	60	-	-	-	-	-	19.5		18.5		16.5		12		
			8	-	-	-	0813	58	-	66	73	65	73	19		18.5		16.5		12		
			9	-	-	-	0813	59	-	66	74	66	72	19.5		18.5		16.5		12		
			10	-	-	-	0950	64.5	-	65	75	66	73	20		18.5		16.5		12		
			11	-	-	-	1510	74	-	68	74	67	72	20.5		19.5		16.5		12.5		
			12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			14	-	-	-	0713	62	-	-	-	-	-	21		19.5		17		12.5		
			15	-	-	-	0654	62	-	69	75	68	71	21	-	20	-	17	-	12		
			16	-	-	-	0655	62	-	70	77	69	75	21	-	20	-	17	-	12		
			17	-	-	-	0654	63	-	70	79	69	75	21	-	21	-	18	-	13		
			18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			21	-	-	-	0915	-	65	-	-	-	-	22	-	20.5	-	18	-	13		
			22	-	-	-	1155	-	68	70	76	69	75	21.5	-	20.5	-	18	-	13		
			23	-	-	-	0817	62.5	-	68	73	68	72	20.5	-	20.5	-	18	-	13.5		
			24	-	-	-	0743	61	-	69	80	68	75	21	-	20.5	-	18	-	13		
			25	-	-	-	0807	61	-	68	78	68	74	21	-	20.5	-	18	-	13.5		
			26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			27	07	-	-	1023	-	-	-	-	-	-	-	-	-	-	-	-	-		
1km			28	-	-	-	1103	68	-	69	75	68	71	20	-	20	-	18	-	13.5		
NM			29	-	-	-	1101	66	-	69	75	67.5	71.5	20	-	20	-	18	-	14		
1km			30	-	-	-	1109	63	-	65	70	65	70	18.5	-	19.5	-	18	-	13.5		
HM			31	-	-	-	1415	70	-	64	71	64	79	19	-	19	-	18	-	14		

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

Aug 3 - - 1438 - - - - - 20.5 - 19 - 17 13.5



Pawnee Belowground Temperature Field Form August 2009

Lawnee Belowground Temperature Field Form																					
		Date					Time MST 14-17	Fahrenheit						Centigrade							
Data Type	Site	Initials	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																		
			2	08	07	1408															
	km		3	08	07	1438								20.5	19		17		13		
	km		4			1408	66		68	75	67	73		20	19		17.5		17.5		
			5			1403	82		108	90	108	75		21	19.5		17.5		14		
			6			0805	67		72	82	72	76		22	20		18		14		
			7			0845	62		69	81	69	76		21	20		18		14		
			8																		
			9																		
			10			1130	73							21	20		18		14		
			11			0935	66		68	80	68	76		21	20		18		14		
			12			1011	69		68	81	69	77		21.5	20		18		14		
			13			1110	70		69	78	69	76		21.5	20		18.5		14		
			14			1815	73		69	79	69	76		22	20.5		18.5		14		
			15																		
			16																		
			17			0904	58							19	19.5		18.5		14.5		
			18			0935	62		63	76	65	73		19.5	19.5		18		14.5		
			19			0600	60		65	73	65	72		19.5	19.5		18		14.5		
			20			0654	61		65	75	65	73		20	19.5		18		14.5		
			21																		
			22																		
			23																		
			24			1415	77							21.5	20		18		14		
			25			0945	65		68	75	68	73		20.5	20.5		18		14.5		
			26			0935	63.5		67	77	67	75		20.5	20.5		18		14.5		
			27			1545	77		64	76	65	72		20.5	19.5		18		14.5		
			28			0930	62		67	77	67	74		20	19.5		18		14.5		
			29																		
			30																		
	km		31			856	59							19.5	20		18		14.5		

Site

11 Pawnee

Data Type

59 Belowground

Temperature

Missing Codes: M



# Pawnee Belowground Temperature Field Form

September 2009

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

Surface Belowground Temperature Field Form																						September 2009			
Data Type	Site	Initials	Date				Time	Current Fahrenheit								Current Centigrade									
			Day	Month	Year	MBT		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		TM	1	09	09	954	60	-	65	71	60	70	20	-	19.5	-	18	-	14.5	-					
		Km	2	09	09	1015	79	-	65	77	66	74	21	-	19.5	-	18	-	14	-					
			3			745	59	-	68	77	68	74	20.5	-	20	-	18	-	14.5	-					
			4					-						-		-		-		-					
			5					-						-		-		-		-					
			6					-						-		-		-		-					
			7					-						-		-		-		-					
		12m	8			1257	77	-	-	-	-	-	20.5	-	20	-	18	-	14	-					
		TM	9	09	09	952	65	-	74	69	72	68	20.5	-	20	-	18.5	-	14.5	-					
			10			1025	67	-	76	67	75	68	20	-	20	-	18.5	-	14.5	-					
		Km	11			930	62	-	79	67	75	68	20.5	-	20	-	18	-	14.5	-					
			12					-			↑	↑		-		-		-		-					
			13					-						-		-		-		-					
		TM	14	09	09	1150	69.5	-	65	72	63	74	16	-	19	-	18	-	14.5	-					
		TM	15	09	09	1021	66	-	65.5	71	63	70	19	-	19	-	18	-	14.5	-					
		Km	16			1342	78	-	66	73	65	71	19.5	-	19	-	18	-	14.5	-					
		Km	17			1243	74	-	66	74	66	72	19	-	19	-	18	-	14.5	-					
			18			721	58	-	65	7	65	20	19	-	14.5	-	18	-	14	-					
			19					-						-		-		-		-					
			20					-						-		-		-		-					
			21				55	-	74	-	-	-	19.5	-	19.5	-	16.0	-	14.5	-					
			22			1145	54	-	67	62	68	65	17	-	19	-	18	-	14.5	-					
			23			910	53	-	61	63	59	60	16	-	18	-	18	-	14.5	-					
			24			853	51.5	-	60	61	59	60	16	-	17.5	-	17.5	-	15.0	-					
			25			856	54	-	60	62	60	63	16	-	17.5	-	17.5	-	14.5	-					
			26					-						-		-		-		-					
			27					-						-		-		-		-					
		TM	28			1030	59	-	-	-	-	-	16	-	17	-	16.5	-	15.5	-					
		TM	29			150	74	-	54	64	59	63	15.5	-	16.5	-	16	-	14	-					
		Km	30			1466	71	-	60	66	60	65	16	-	16.5	-	16	-	14	-					
			31					-						-		-		-		-					

12m 1

943 50

61 65 60 64 16

17

16.5

14



# Pawnee Belowground Temperature Field Form

October 2009

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																	
		km	2	10	07	1029		50	52	61	56	60		14.5		16.5		16.5		14.5
			3																	
			4																	
			5			0902		47	-	-	-	-		13.5		16.5		16		14.5
			6			1000		43	52	55	50	56		12.5		15		15.5		14
			7			1000		38	50	53	49	55		11.5		14.5		15.5		14.5
			8			0710		43	48	55	49	54		12.5		14.5		15		14
			9			0855		39	51	55	49	53		11		14		15		14
			10			-		-	-	-	-	-		-		14		15		14
			11			-		-	-	-	-	-		-		-		-		-
			12			0717		39	-	-	-	-		9		12.5		14		13.5
			13			1040		38	47	44	46	44		7.5		11.5		13.5		13.5
			14			1058		44	45	45	44	44		7.5		11		13		13
			15			1632		51	51.5	44	50	44		10		10.5		12.5		13
			16			0910		41	48	51	47	52		9.5		11		12.5		13
			17			-		-	-	-	-	-		-		-		-		-
			18			-		-	-	-	-	-		-		-		-		-
			19			0910		45	-	-	-	-		10.5		11		12		12.5
			20			0915		44	50	53	49	52		10		11.5		12		12.5
			21			1025		42	49	50	47	49		9.5		11.5		12		12.5
			22			0925		310	46	49	44	48		8.5		11		12		12.5
			23																	
			24																	
			25																	
			26			1545		46	-	-	-	-		7.5		10		11		11.5
			27			1059		39	44	46	43	45		6.5		9.5		11		11.5
			28																	
			29																	
			30			0728		33.5	-	-	-	-		5		8.5		10.5		11
			31																	

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



Pawnee Belowground Temperature Field Form

November 2008

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		TM	1	11	09	900	—	38.5	—	—	—	—	—	6	—	8	—	9.5	—	10.5
			2	11	09	900	—	38.5	—	—	—	—	—	6	—	8	—	9.5	—	10.5
			3	11	09	1013	—	40	41	42.5	40	41	—	5.5	—	8	—	9.5	—	10.5
			4			1139	—	41.5	40	45.5	39.5	43	—	5	—	7.5	—	9.5	—	10.5
			5			927	—	38.5	40	45	39.5	44	—	5	—	7.5	—	9.5	—	10.5
			6			917	—	40	40	46.5	40	44	—	6	—	7.5	—	9	—	10
			7			915	—	39	—	—	—	—	—	6.5	—	4.5	—	9.5	—	10
			8																	
			9																	
			10			0926		38	—	—	—	—		6		8.5		9.5		10
			11			0911		35	41	45	40	44		5.5		8.5		9.5		9.5
			12			0921		38	40	44	40	43		5.5		7.5		9.5		9.5
			13			1020		39	41	47	40	44		6.5		8		9		9.5
			14			—		—	—	—	—	—		—		—		—		—
			15			—		—	—	—	—	—		—		—		—		—
			16			0953		32	—	—	—	—		4.0		7		9		9.5
			17			0900		31	37	40	37	38		3.5		6.5		8.5		9.5
			18			1051		31	35	36	35	36		2.5		5.5		8.0		9.5
			19			1300		38	34	35	36	36		3.0		5.5		8.0		9.5
			20			0912		31.5	34	37	35	37		3.0		5.5		8.0		9.5
			21			—		—	—	—	—	—		—		—		—		—
			22			—		—	—	—	—	—		—		—		—		—
			23			0916		32	—	—	—	—		3.0		5.5		7.5		9
			24			0905		31	36	36	36	36		2.5		5.5		7.5		9
			25			0900		34	35	36	35	36		2.5		5		7		8.5
			26			—		—	—	—	—	—		—		—		—		—
			27			—		—	—	—	—	—		—		—		—		—
			28			—		—	—	—	—	—		—		—		—		—
			29			—		—	—	—	—	—		—		—		—		—
			30			0910		30	—	—	—	—		2.5		4.5		6.5		8
			31																	

Site

11 Pawnee

Data Type

10 Belowground  
Temperature

Missing Code: M



# Pawnee Belowground Temperature Field Form

December 2009

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

Surface Belowground Temperature Field Form																						December 2009			
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			1	12	09	0925		31	35	36	34	35		1.5		4.5		6.5		8					
			2			0948		30	34	34	34	34		1.5		4.5		6.5		8					
			3			0733		26	34	34	34	34		1.5		4.5		6.5		8					
			4			0812		22	34	34	34	34		1.5		4.5		6.5		8					
			5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
			7			0950		26.5	-	-	-	-		0		3		5.5		7.5					
			8			0920		27	30	33	30	33		-0.5		2.5		5.5		7.5					
			9			1009		26	30	30	30	30		-0.5		2.5		5.5		7.5					
			10			0803		26	30	30	29	29		-1.0		2.5		5		7.5					
			11			0825		25	30	30	28	29		-1.5		2		4.5		7.5					
			12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
			13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
			14			0635		28	-	-	-	-		-0.5		1.5		4		6.5					
			15			0951		25	30	30	28	29		-1		1.5		4		6.5					
			16			0900		25	30	30	28	29		-1		1.5		4		6.5					
			17			0610		30	28	30	28	29		-0.5		1.5		3.5		6.5					
			18			0753		29	29	30	30	30		0		1.5		3.5		6.5					
			19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
			20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
			21			1255		29	-	-	-	-		0		1.5		3.5		5.5					
	Klm		22			1005	-	29	30	31	30	30		.5		2		3.5		5.5					
			23			-	-	-	-	-	-	-		-		-		-		-					
			24			-	-	-	-	-	-	-		-		-		-		-					
			25			-	-	-	-	-	-	-		-		-		-		-					
			26	-	-	-	-	-	-	-	-	-		-		-		-		-					
			27	-	-	-	-	-	-	-	-	-		-		-		-		-					
			28			1350	-	28	-	-	-	-		0		2		3.5		5.5					
			29			955	-	24	31	31	30	30		.50		2		3.5		5.5					
			30			1240		24	31	31	30	30		0.5		2		3.5		5.5					
			31																						