

Pawnee Belowground Temperature Field Form

January 2011

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	01	2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			3			1010	24	-	-	-	-	-	-	-	-	-	-	-	-	-
			4			1020	22	-	25	27	24	27	-	-1.5	-	1.5	-	4.5	-	6.5
			5			0855	23	-	24	26	24	26	-	-2.5	-	1.5	-	4.5	-	6.5
			6			0910	23	-	25	26	26	27	-	-1.5	-	1.5	-	4.0	-	6.5
			7			0820	29	-	26	30	26	29	-	-0.5	-	1	-	3.5	-	6
			8			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			9			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10			0930	24	-	-	-	-	-	-	-	-	-	-	-	-	-
			11			0940	18	-	30	31	23	30	-	0	-	1.5	-	3.5	-	5.5
			12			0821	15	-	25	29	20	24	-	-2.5	-	1.5	-	2.5	-	5.5
			13			-	-	-	-	-	-	-	-	-4	-	1.5	-	3.5	-	5.5
			14			0925	29	-	-	-	-	-	-	-	-	-	-	-	-	-
			15			-	-	-	-	-	-	-	-	-1.0	-	0	-	2.5	-	5
			16			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			18			0912	30	-	-	-	-	-	-	-	-	-	-	-	-	-
			19			0915	30	-	34	35	29	32	-	0.5	-	1.5	-	3.0	-	5
			20			0826	29	-	24	36	30	32	-	0.5	-	1.5	-	3.0	-	5
			21			0917	29	-	32	33	32	32	-	1	-	2	-	3.5	-	5
			22			-	-	-	-	-	-	-	-	0.5	-	2	-	3.5	-	5
			23			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			24			0841	29	-	-	-	-	-	-	-	-	-	-	-	-	-
			25			1030	29	-	29	32	28	32	-	0.5	-	2	-	3.5	-	4.5
			26			0821	27	-	31	32	33	36	-	-0.5	-	2	-	3.5	-	4.5
			27			1035	29.5	-	29	32	28	30	-	0.5	-	1.5	-	3.5	-	4.5
			28			0931	30	-	32	32	30	30	-	0.5	-	2	-	3.5	-	4.5
			29			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			30			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			31			0830	28.5	-	-	-	-	-	-	1.0	-	2	-	4	-	4.5

Site
11 Pawnee

Data Type
59 Belowground
Temperature

Missing Codes: M

Pawnee Belowground Temperature Field Form

February 2011

Date Type	Site	Initials	Date			Time	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 inch		Temperature at 3.25 inches		Temperature at 4 inches		Temperature at 6 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	1-4	1-7	1-9	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
10			1	02	2011	1325	23	-	32	32	27	32	-	-1	-	2	-	4	-	4.5
			2			0925	13	-	32	32	19	28	-	-3.5	-	2	-	4	-	4.5
			3			1018	17	-	32	32	18	23	-	-5.0	-	0.5	-	3.5	-	4.5
			4			0815	20	-	19	23	18	22	-	-4	-	0	-	3	-	4.5
			5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			7			0948	23	-	-	-	-	-	-	-	-	-	-	-	-	-
			8			0820	24	-	26	29	25	28	-	-1.5	-	0.5	-	2.5	-	4.5
			9			0900	21	-	29	29	24	28	-	-2.5	-	0	-	2.5	-	4.5
			10			1135	22.5	-	24	29	23	28	-	-3.5	-	0	-	2.5	-	4
			11			0835	19	-	24	25	23	24	-	-3.0	-	0	-	2.5	-	4
			12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			13			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			14			0845	28	-	-	-	-	-	-	-	-	-	-	-	-	-
			15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17			1115	30	-	-	-	-	-	-	0	-	0.5	-	1.5	-	3.5
			18			0900	30.5	-	31	34	29	30	-	0.5	-	0.5	-	2	-	3.5
			19			0953	30	-	34	36	31	34	-	1	-	1.5	-	2.5	-	3.5
			20			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			21			0934	31	-	-	-	-	-	-	-	-	-	-	-	-	-
			22			1015	30	-	33	35	33	34	-	1.5	-	2	-	3	-	3.5
			23			0852	30	-	33	33	33	33	-	1.5	-	2.5	-	3.5	-	3.5
			24			0848	31	-	33	35	33	34	-	1.5	-	2.5	-	3.5	-	3.5
			25			0900	32	-	34	36	33	34	-	1.5	-	2.5	-	3.5	-	3.5
			26			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			28			0835	31	-	-	-	-	-	-	1.5	-	2.5	-	2.5	-	3.5
			29			1350	40	-	34	35	33	33	-	1	-	2.5	-	3	-	3.5
			30			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			31			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Site
11 Pawnee
Data Type
10 Belowground
Temperature
Measuring Order: M

Pawnee Belowground Temperature Field Form

March 2011

Rawley Island Ground Temperature Field Form																				
Data Type	Site	Initials	Date			Time	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 inch		Temperature at 2.5 inches		Temperature at 4 inches		Temperature at 6 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	12-19	10-17	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	03	2011	1350	40	-	34	35	33	33	-	1	-	2.5	-	3	-	3.5
			2			0838	31.5	-	33	35	33	35	-	1.5	-	2.5	-	3.5	-	3.5
			3			0825	32	-	35	37	34	32	-	2	-	2.5	-	3.5	-	3.5
			4			0830	33	-	34	41	34	38	-	2.5	-	2.5	-	3.5	-	3.5
			5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			7			0815	31.5	-	-	-	-	-	-	-	-	-	-	-	-	-
			8			1015	31	-	34	34	33	33	-	1.5	-	3	-	4	-	3.5
			9			0909	30	-	35	36	33	34	-	1.5	-	3.5	-	4	-	4
			10			0951	30	-	35	36	33	34	-	1.5	-	3	-	4	-	4
			11			0829	34	-	33	42	33	39	-	2.5	-	3	-	3.5	-	3.5
			12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			13			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			14			0852	32.5	-	-	-	-	-	-	-	-	-	-	-	-	-
			15			0756	36	-	36	46	36	43	-	4	-	4	-	4.5	-	4
			16			0800	35	-	38	48	39	44	-	4.5	-	4	-	4.5	-	4
			17			0710	38	-	37	48	38	45	-	5.5	-	5	-	4.5	-	4
			18			0930	39	-	42	47	39	44	-	6	-	5	-	5	-	4
			19			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			20			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			21			0840	39	-	-	-	-	-	-	6.5	-	6	-	5.5	-	4
			22			0955	44	-	41	51	41	48	-	7	-	6	-	5.5	-	4
			23			0868	38	-	43	49	43	48	-	7	-	6.5	-	6	-	4.5
			24			0720	36	-	42	50	39	48	-	6.5	-	7	-	6.5	-	4.5
			25			0722	35	-	40	47	39	46	-	6	-	7	-	6.5	-	4.5
			26			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			28			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29			0933	38	-	-	-	-	-	-	6.5	-	7	-	6.5	-	5
			30			0735	38	-	40	47	41	48	-	6.5	-	7	-	6.5	-	5
			31			0749	40	-	41	48	41	46	-	7	-	7	-	6.5	-	5

Site
1) Pawnee
Data Type
10 Belowground
Temperature
Measuring Depth M

Pawnee Belowground Temperature Field Form

April 2011

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	04	11	1010	46	-	43	51	43	49	-	7.5	-	7	-	6.5	-	3
			2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			3			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4			0925	35	-	-	-	-	-	-	-	-	-	-	-	-	-
			5			0945	44	-	38	42	39	43	-	6.5	-	8.5	-	7.5	-	5.5
			6			0747	41	-	40	51	40	49	-	6	-	7.5	-	7.0	-	5.5
			7			0730	40	-	43	48	43	48	-	8	-	8	-	7	-	5.5
			8			0705	44	-	47	54	43	51	-	8.5	-	8	-	7	-	5.5
			9			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11			0908	48	-	-	-	-	-	-	-	-	-	-	-	-	-
			12			0700	41	-	42	55	43	53	-	7.5	-	8.5	-	7.5	-	5.5
			13			0715	43	-	43	53	44	52	-	8.5	-	8.5	-	8	-	5.5
			14			-	-	-	-	-	-	-	-	9.5	-	8.5	-	8	-	5.5
			15			0640	37	-	-	-	-	-	-	-	-	-	-	-	-	-
			16			-	-	-	-	-	-	-	-	7.5	-	8.5	-	8	-	6.
			17			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			18			1035	50	-	-	-	-	-	-	-	-	-	-	-	-	-
			19			0945	44	-	45	52	46	50	-	8.5	-	8.5	-	8	-	6
			20			0717	39	-	43	51	43	49	-	8	-	8.5	-	8	-	6
			21			0800	44	-	42	52	43	50	-	8.5	-	8.5	-	8	-	6
			22			0745	42	-	44	59	45	56	-	8.5	-	8.5	-	8	-	6
			23			-	-	-	-	-	-	-	-	9.5	-	8.5	-	8.5	-	6.5
			24			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			25			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26			0725	41.5	-	-	-	-	-	-	8	-	9	-	8.5	-	6.5
			27			0645	40.5	-	44	57	44	51	-	8.5	-	8.5	-	8.5	-	6.5
			28			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29			0722	39	-	-	-	-	-	-	7.5	-	8.5	-	8.5	-	6.5
			30			0808	46	-	42	58	42	53	-	9	-	9	-	8.5	-	6.5
			31			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Site

11 Pawnee

Data Type

10 Belowground Temperature

Missing Code: M

0705 40

8.5

9

8.5

6.5

Pawnee Belowground Temperature Field Form

May 2011

Date Type 1-2	Site 3-4	Initials 5-7	Date			Time MST 14-17	Fahrenheit								Celsius							
			Day 8-9	Month 10-11	Year 12-13		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 18-20	Max 21-23	Min 24-26	Max 27-29	Min 30-32	Max 33-35	Min 36-40	Max 41-45	Min 46-50	Max 51-55	Min 56-60	Max 61-65	Min 66-70	Max 71-75		
1			1	05	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2			2	0	07	0705	40	-	-	-	-	-	-	-	-	-	-	-	-			
3			3			0925	46	-	42	53	44	51	7.5	9	8.5	8.5	6.5					
4			4			0720	45	-	44	53	44	50	9.5	9	8.5	8.5	6.5					
5			5			0700	43	-	47	56	46	54	9.5	9	8.5	8.5	6.5					
6			6			0635	45	-	46	61	47	58	11	9.5	8.5	8.5	6.5					
7			7			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
8			8			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
9			9			0655	51.5	-	-	-	-	-	13.5	11.5	9.5	9.5	6.5					
10			10			0709	51	-	55	67	53	62	12.5	12	9.5	9.5	6.5					
11			11			0705	48	-	54	67	55	64	14.5	13	10	10	7					
12			12			0635	42	-	46	53	47	56	10.5	12.5	10.5	10.5	7					
13			13			0642	42	-	45	47	45	47	9.5	11.5	10.5	10.5	7					
14			14			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
15			15			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
16			16			655	43	-	-	-	-	-	10	10.5	10.5	10.5	7					
17			17			0555	46	-	47	58	47	55	11	11	10	10	7.5					
18			18			0555	45	-	49	55	49	53	10.5	10.5	10	10	7.5					
19			19			0610	45	-	48	52	47	51	10	11	10	10	7.5					
20			20			0555	42	-	45	49	42	49	9.5	10.5	10	10	7.5					
21			21			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
22			22			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
23			23	05	11	0610	49	-	-	-	-	-	-	11	10	10	7.5					
24			24	05	11	1615	48	-	51	64	51	69	12.5	11	10	10	7.5					
25			25			0620	46.5	-	50	53	50	54	11.5	11.5	10	10	7.5					
26			26			0941	53	-	50	56	51	55	11.5	11.5	10	10	7.5					
27			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
28			28			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
29			29			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
30			30			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
31			31			0715	46	-	-	-	-	-	11.5	12.5	10.5	10.5	7.5					

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

Pawnee Belowground Temperature Field Form

June 2011

Data Type	Site	Initials	Date			Time	Fahrenheit						Celsius							
			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
19			1	06	11	0707	49.6	-	49	66	49	62	-	13	-	12.5	-	11	-	8
			2			0655	52.5	-	53	64	52	62	-	13.5	-	12.5	-	11	-	8
			3			0610	52	-	54	71	55	65	-	14.5	-	13	-	11	-	8
			4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
			5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6			0710	58	-	-	-	-	-	-	17	-	15	-	12	-	8
			7			0630	58	-	61	75	60	71	-	17.5	-	15.5	-	12.5	-	8
			8			0700	58	-	63	74	63	72	-	18	-	16	-	13	-	8.5
			9			0730	57	-	61	75	61	72	-	17.5	-	16.5	-	13	-	8.5
			10			0710	53	-	57	63	57	62	-	15.5	-	16	-	13.5	-	8.5
			11			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			13			0640	58	-	-	-	-	-	-	-	-	-	-	-	-	-
			14			0640	61	-	62	78	59	73	-	18.5	-	16.5	-	14.5	-	9.5
			15			0615	57	-	63	74	63	73	-	18.5	-	16.5	-	14	-	9.5
			16			0625	62	-	62	78	63	73	-	19.5	-	17.5	-	14.5	-	9.5
			17			0625	59	-	65	78	65	73	-	19.5	-	18	-	14.5	-	9.5
			18			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			19			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			20			0630	57	-	-	-	-	-	-	-	-	-	-	-	-	-
			21			1205	66	-	61	66	62	66	-	18	-	17.5	-	15	-	10
			22			0645	55	-	61	70	61	68	-	17.5	-	17	-	15	-	10.5
			23			0705	59	-	61	76	61	72	-	18.5	-	17	-	15	-	10.5
			24			0645	60	-	62	73	62	71	-	18.5	-	17.5	-	15	-	10.5
			25			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			27			0720	63	-	-	-	-	-	-	21	-	19	-	15.5	-	11
			28			0940	71	-	69	80	68	76	-	20.5	-	19	-	15.5	-	10.5
			29			0400	65	-	69	82	69	78	-	22	-	19.5	-	16	-	10.5
			30			0650	70	-	69	81	70	77	-	24.5	-	19.5	-	16.5	-	11
			31			0730	62	-	66	76	67	74	-	20.5	-	19.5	-	16.5	-	11

Site
1) Pawnee
Data Type
10 Belowground
Temperature
Monitoring Code: M

July 2011

Site
11 Powers
Data Type
69 Shallowground
Temperature
Mining Code: M

Pawnee Belowground Temperature Field Form

August 2011

Data Type	Site	Initials	Date			Time	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 inch		Temperature at 3.25 inches		Temperature at 4 inches		Temperature at 8 inches		Temperature at 30 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	41-43	44-50	51-55	56-60	61-65	66-70	71-75
59		MOL	1	08	11	0710	70	-	-	-	-	-	-	24	-	22.5	-	19.5	-	14
			2			0723	72	-	65	82	74	82	-	24.5	-	22.5	-	19.5	-	14
			3			0655	66	-	73	82	73	81	-	23.5	-	22.5	-	19.5	-	14.5
			4			0640	64	-	72	81	72	79	-	23.5	-	22.5	-	19.5	-	14.5
			5			0750	66	-	71	78	72	77	-	22.5	-	22.5	-	19.5	-	14.5
			6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			7			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			8			0700	65	-	-	-	-	-	-	23.5	-	22.5	-	19.5	-	14.5
			9			0710	65	-	71	79	72	79	-	23	-	22.5	-	19.5	-	14.5
			10			0657	69	-	71	81	73	81	-	24	-	22.5	-	19.5	-	15
			11			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			13			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			14			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			15			0706	67	-	-	-	-	-	-	24	-	23	-	20	-	15
			16			0721	68	-	73	81	72	79	-	24	-	23	-	20	-	15
			17			0730	60	-	68	80	68	78	-	22	-	22.5	-	20	-	15
			18			0743	59	-	68	78	69	77	-	22.5	-	22.5	-	20	-	15
			19			0757	64	-	66	82	69	79	-	22.5	-	22.5	-	20	-	15
			20			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			21			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			22			0716	66	-	-	-	-	-	-	-	-	-	-	-	-	-
			23			0515	63	-	71	78	71	77	-	23	-	21.5	-	20	-	15
			24			0517	64	-	71	81	71	79	-	23.5	-	22	-	19.5	-	15.5
			25			0505	65	-	71	83	72	81	-	24	-	22.5	-	20	-	15.5
			26			0715	68	-	73	83	73	81	-	24	-	22.5	-	20	-	15.5
			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			28			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29			0710	66	-	-	-	-	-	-	23.5	-	22.5	-	20	-	15.5
			30			1120	78	-	70	78	70	77	-	22	-	22.5	-	20	-	15.5
			31			0715	65	-	71	81	71	79	-	23	-	22.5	-	20	-	15.5

Site
11 Pawnee
Data Type
10 Belowground
Temperature
Min/Max Code: M

Pawnee Belowground Temperature Field Form

September 2011

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	09	11	0707	66	-	71	83	71	81	-	23.5	-	22	-	20	-	15.5	
			2					-													
			3					-													
			4					-													
			5					-													
		KDM	6				1102	68	-	-	-	-	-								
			7				830	54	-	63	70	62	70	-	21	-	21.5	-	20	-	15.5
			8				820	54	-	63	70	62	70	-	18	-	21	-	20	-	15.5
			9						-					-	18	-	21	-	20	-	15.5
			10						-					-		-		-		-	
			11						-					-		-		-		-	
			12						-					-		-		-		-	
			13				830	58	-					-	19	-	19.5	-	19	-	15.5
			14				829	59	-	70	76	63	76	-	19	-	19.5	-	18	-	15.5
			15				749	59	-	65	70	64	68	-	19	-	20	-	18.5	-	15.5
			16				820	50	-	60	65	59	64	-	16.5	-	19.5	-	18.5	-	15.5
			17				921	54	-	59	61	58	59	-	15	-	18.5	-	18	-	15.5
			18						-					-		-		-		-	
			19						-					-		-		-		-	
			20				0630	52	-					-	15.5	-	17	-	17.5	-	15.5
			21				0955	58	-	58	66	58	65	-	15.5	-	17	-	17	-	15.5
			22						-					-		-		-		-	
			23						-					-		-		-		-	
			24				0716	51	-					-	15	-	16.5	-	16.5	-	16.5
			25						-					-		-		-		-	
			26						-					-		-		-		-	
			27						-					-		-		-		-	
			28				1015	65	-					-	16.5	-	17	-	16.5	-	14.5
			29				0720	54	-	61	69	61	68	-	17.5	-	17.5	-	16.5	-	14.5
			30				0720	55	-	61	69	62	68	-	17.5	-	17.5	-	16.5	-	14.5
			31						-					-		-		-		-	

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

Pawnee Belowground Temperature Field Form

October 20 11

Date 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	36-38	39-41	42-44	45-47	48-50	51-53	54-56	57-59	60-62	63-65	66-68	69-71	72-74
			1	10	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			3			0919	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			4			0730	54	-	61	69	59	68	-	17	-	17.5	-	16.5	-	14.5	-	-	-	-	
			5			0710	54	-	62	69	61	68	-	17.5	-	17.5	-	16.5	-	14.5	-	-	-	-	
			6			0750	55	-	62	68	61	67	-	18	-	17.5	-	16.5	-	14.5	-	-	-	-	
			7			0650	46	-	61	65	59	64	-	16.5	-	17.5	-	16.5	-	14.5	-	-	-	-	
			8			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			9			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			10			0745	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			11			0708	46	-	49	54	49	53	-	11.5	-	15.5	-	16.5	-	14.5	-	-	-	-	
			12			0745	44	-	51	54	50	54	-	11.5	-	14.5	-	16	-	14.5	-	-	-	-	
			13			0645	42	-	51	54	49	54	-	11.5	-	14	-	15.5	-	14.5	-	-	-	-	
			14			0740	44	-	49	56	45	56	-	11.5	-	14	-	15	-	14.5	-	-	-	-	
			15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			16			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			17			0600	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			18			0715	40	-	51	52	48	53	-	10.5	-	13.5	-	14.5	-	13.5	-	-	-	-	
			19			0650	37	-	48	51	47	51	-	9.5	-	13	-	14	-	14	-	-	-	-	
			20			0735	38	-	46	51	45	51	-	9	-	12.5	-	13.5	-	13.5	-	-	-	-	
			21			0730	40	-	46	52	45	52	-	9.5	-	12	-	13.5	-	13.5	-	-	-	-	
			22			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			23			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			24			0750	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			25			0700	46	-	48	54	46	54	-	10	-	12	-	13	-	13	-	-	-	-	
			26			0740	43	-	-	-	-	-	-	11	-	12	-	13	-	13	-	-	-	-	
			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			28			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			29			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			30			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			31			0750	34	-	-	-	-	-	-	5.5	-	9	-	11.5	-	12.5	-	-	-	-	

Site
11 Pawnee
Data Type
10 Belowground
Temperature
Measuring Body: M

Snow covered

Pawnee Belowground Temperature Field Form

November 2011

Date Type	Site	Initials	Date			Time	Fahrenheit								Celsius							
			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	2-4	6-7	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	11	11	0811	32	-	39	44	38	43	-	6	-	8.5	-	11	-	12		
			2			0845	39	-	43	44	41	44	-	6.5	-	9	-	11	-	12		
			3			1000	34	-	41	46	38	43	-	5	-	8.5	-	11	-	12		
			4			0830	32	-	38	41	37	38	-	4.5	-	8	-	10.5	-	12		
			5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			7			0865	33	-	-	-	-	-	-	-	-	-	-	-	-	-		
			8			0906	33	-	38	38	37	38	-	4	-	7	-	9.5	-	11.5		
			9			0830	32	-	37	38	36	37	-	4	-	7	-	9.5	-	11.5		
			10			0847	31.5	-	36	36	36	37	-	3.5	-	6.5	-	9.5	-	11		
			11			-	-	-	-	-	-	-	-	3	-	6.5	-	9	-	11		
			12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			13			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			14			0830	34	-	-	-	-	-	-	-	-	-	-	-	-	-		
			15			0900	33	-	40	44	37	39	-	4	-	6	-	8.5	-	10		
			16			1110	31.5	-	37	38	36	38	-	3.5	-	6	-	8.5	-	10		
			17			0817	30	-	37	37	35	35	-	2.5	-	6	-	8.0	-	10		
			18			0812	31	-	35	37	34	35	-	2.5	-	6	-	8.0	-	10		
			19			-	-	-	-	-	-	-	-	2.5	-	5.5	-	7.5	-	9.5		
			20			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			21			0813	32	-	-	-	-	-	-	-	-	-	-	-	-	-		
			22			0756	32	-	36	36	35	36	-	2.5	-	5	-	7.5	-	9.5		
			23			-	-	-	-	-	-	-	-	2.5	-	5	-	7.5	-	9.5		
			24			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			25			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			26			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			28			083	31	-	-	-	-	-	-	-	-	-	-	-	-	-		
			29			0821	32	-	36	38	36	37	-	2	-	4.5	-	10.5	-	8.5		
			30			0842	32	-	38	38	35	37	-	2.5	-	4	-	6.5	-	8.5		
			31			-	-	-	-	-	-	-	-	-	-	4.5	-	6.5	-	8.5		

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

Not on SDG

Pawnee Belowground Temperature Field Form

December 2011

Date Type	Site	Initials	Date			Time	Fahrenheit								Centigrade							
			Day	Month	Year		Temperature at 1 inch		Temperature at 2.55 inches		Temperature at 4 inches		Temperature at 6 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	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			3			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			5			0840	26	-	-	-	-	-	-	-	-	-	-	-	-	-		
			6			1014	23.5	-	23.5	25	29	34	0.5	-	4.5	-	6.5	-	8.5	-		
			7			-	-	-	-	-	-	-	-	-	4.5	-	6.5	-	8.0	-		
			8			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			9			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			10			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			11			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			12			0905	25	-	-	-	-	-	-	-	-	-	-	-	-	-		
			13			0925	27.5	-	32	32	29	29	0	-	2.5	-	5.5	-	8.5	-		
			14			0924	28	-	32	32	29	29	0	-	2.5	-	5	-	7	-		
			15			0916	26	-	31	31	30	30	0.5	-	2.5	-	4.5	-	7	-		
			16			0945	26	-	31	31	29	29	-0.5	-	2	-	4.5	-	7	-		
			17			-	-	-	-	-	-	-	-	-	2	-	4.5	-	7	-		
			18			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			19			0921	28	-	-	-	-	-	0	-	-	-	-	-	-	-		
			20			1019	25.5	-	21	31	29	29	-0.5	-	1.5	-	4.5	-	6.5	-		
			21			-	-	-	-	-	-	-	-	-	2	-	4.5	-	6.5	-		
			22			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			23			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			24			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			25			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			26			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			27			1027	26	-	-	-	-	-	-1.0	-	1.5	-	3.5	-	6	-		
			28			1021	28	-	31	31	29	29	-1.0	-	1	-	3.5	-	5.5	-		
			29			0821	30	-	30	31	29	30	-0.5	-	1	-	3	-	5.5	-		
			30			0945	30	-	29	31	29	30	0	-	1	-	3.5	-	5.5	-		
			31			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

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