

Pawnee Belowground Temperature Field Form

January 2013

Pawnee Belowground Temperature Field Form																						January 2013	
Data Type	Site	Initial	Date			Time	Fahrenheit						Celsius										
			Day	Month	Year		Temperature at 1 inch		Temperature at 2.5 inches		Temperature at 4 inches		Temperature at 6 inches		Temperature at 9 inches		Temperature at 12 inches		Temperature at 18 inches				
							Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max			
1-3	4-6	7-9	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	60-70	71-73		
20			1	21	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			2			1007	25	-	-	-	-	-	-1	-	2	-	4.5	-	6.5	-	-		
			3			0942	21.5	-	28	28	29	29	-1	-	2	-	4.5	-	6.5	-	-		
			4			1023	24	-	28	28	28	29	-1.5	-	1.5	-	4	-	6	-	-		
			5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			7			0845	24.5	-	-	-	-	-	-1.5	-	1	-	3.5	-	5.5	-	-		
			8			0835	26.5	-	28	29	26	27	-1.5	-	0.5	-	3.5	-	5.5	-	-		
			9			1006	25	-	27	28	27	28	-1.5	-	0.5	-	3.5	-	5.5	-	-		
			10			0835	22	-	28	30	27	29	-1.5	-	0.5	-	3.5	-	5.5	-	-		
			11			1035	23	-	28	30	27	28	-1.5	-	0.5	-	3.5	-	5.5	-	-		
			12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			13			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			14			0925	17	-	-	-	-	-	-5.5	-	1	-	3.5	-	5.5	-	-		
			15			0935	15	-	24	27	20	27	-5.5	-	1	-	3	-	5.5	-	-		
			16			1006	24	-	21	24	18	23	-4	-	-1	-	2.5	-	5	-	-		
			17			0943	22	-	23	26	22	28	-3.5	-	-1	-	2.5	-	5	-	-		
			18			0844	22	-	25	20	25	20	-3.0	-	-1	-	2	-	5	-	-		
			19			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			20			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			21			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			22			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			23			1015	25	-	-	-	-	-	-2.0	-	0	-	2	-	4.5	-	-		
			24			0930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			25			0930	28.5	-	-	-	-	-	-0.5	-	0	-	2	-	4	-	-		
			26			0912	29	-	30	31	30	30	0	-	0.5	-	2.5	-	4	-	-		
			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			28			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			29			0955	30	-	-	-	-	-	0	-	0.5	-	2.5	-	4	-	-		
			30			1020	28	-	32	33	31	31	0	-	1	-	2.5	-	4	-	-		
			31			0925	24	-	33	33	30	30	0	-	1.5	-	3	-	4	-	-		
						0945	28	-	31	32	31	31	0	-	1.5	-	3	-	4	-	-		

Site
11 Pawnee
Data Type
69 Belowground
Temperature
Miles Grid: M

Pawnee Helowground Temperature Field Form February 2013

Pawnee Belowground Temperature Field Form February 2013																				
Date Type	Site	Initiate	Date			Time	Fahrenheit						Centigrade							
			Day	Month	Year		Temperature at 1 inch		Temperature at 2.55 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	12-18	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
50			1	02	13	1018	28	-	31	32	31	31	0.5	-	1.5	-	3	-	4	-
			2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			3			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			5			1005	29	-	-	-	-	-	0	-	1	-	3	-	4	-
			6			1015	30	-	31	32	31	32	0	-	1	-	3	-	4	-
			7			0830	31.5	-	32	32	31	31	0.5	-	1	-	3	-	4	-
			8			0830	28	-	32	33	31	31	0.5	-	1.5	-	3	-	4	-
			9			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			13			0910	23	-	-	-	-	-	0.5	-	2	-	3.5	-	4	-
			14			1030	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			15			1050	21	-	-	-	-	-	0.5	-	2	-	3	-	4	-
			16			0940	29	-	32	32	30	30	0.5	-	1.5	-	3.5	-	4	-
			17			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			18			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			19			1007	30	-	-	-	-	-	0.5	-	1.5	-	3	-	4	-
			20			1120	32	-	32	32	31	31	0.5	-	1.5	-	3	-	4	-
			21			0904	27	-	32	32	31	31	0.5	-	1.5	-	3	-	4	-
			22			0935	30	-	32	32	31	31	0.5	-	2	-	3.5	-	4	-
			23			0921	26	-	32	32	31	31	0.5	-	2	-	3.5	-	4	-
			24			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			25			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26			0840	26	-	-	-	-	-	0.5	-	1.5	-	3.5	-	4	-
			27			1045	28	-	30	31	31	31	0.5	-	1.5	-	3.5	-	4	-
			28			0903	24	-	31	31	31	32	0.5	-	1.5	-	3.5	-	4	-
			29			0901	23	-	29	30	30	32	0.5	-	1.5	-	3	-	4	-
			30			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			31			1001	28	-	29	31	29	30	-0.5	-	1.5	-	3	-	4	-

Site
11 Pawnee
Data Type
50 Helowground
Temperature
Missing Data: M

March-2013

1007 40

65

5.5'

5.5' 5.5'

3.5

4.5

Pawnee Background Temperature Field Form

April 2013

Pacific Boleground Temperature Field Form																				Apr. 12 2013			
Date Type	Site	Latitude	Date			Time	Submerged								Overground								
			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			
1-1	1-1	1-7	0-9	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				
03			04	13																			
						1007	40							61.5		5.5		5.5					
						0910	40		43	45	42	44	6.5		6		5.5		4.5				
						0755	42		43	51	42	51	7.5		6.5		6		4.5				
						1225	52.5		45	53	44	53	8.5		6.5		5.5		4.5				
						1215	54																
						1035	35.5		45	49	42	49	8		8		7.5		4.5				
						0720									8.5		7.5		5				
						0800																	
						0604	37						4.5		6		6.5		5				
						0841	35						4.5		6.5		6.5		5				
						1505	35		39	40	38	79	7.5		6.5		6.5		5.5				
						0905																	
						0705	39						5.5		5.5		5.5		5.0				
						1120	43		37	40	37	41	4		5		5.5		5				
						0735	38		38	44	37	44	4		5		5.5		5				
						0750	34		37	44	37	44	4.5		5		5.5		5				
						0835	38		37	49	37	48	5.5		5		5.5		5				
						0830	50																
						0935	50		49	57	48	57	10.5		9		7.5		5				

Site
11 Pawnee
Date Type
11 Background
Temperature
Minimum Background M

Snow Drift
" "

Powder Background Temperature Field Form

May 2013

Furnace Belowground Temperature Field Form																					May 2013	
Date Type	Site	Initiate	Date			Time	Furnace						Background									
			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	Min	Max
1-3	4-4	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		
80			1	05	13	0905	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			2			0920	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			3			0941	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			6			0810	45	-	-	-	-	-	-	-	-	-	-	-	-	-		
			7			0820	50	-	44	56	42	54	9	-	7.5	-	7	-	5.5	-		
			8			0832	49	-	48	52	48	52	9	-	8	-	7.5	-	5.5	-		
			9			0830	49	-	48	51	47	51	9	-	8	-	7.5	-	5.5	-		
			10			0909	45	-	48	52	47	53	9.5	-	9	-	7.5	-	5.5	-		
			11			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			13			0920	58.5	-	-	-	-	-	11.5	-	10.5	-	8.5	-	5.5	-		
			14			0725	53.5	-	54	64	53	63	12.5	-	10.5	-	8.5	-	5.5	-		
			15			1225	72	-	55	64	55	62	14	-	11.5	-	9	-	5.5	-		
			16			0800	58	-	59	65	58	63	14	-	12.5	-	9.5	-	6	-		
			17			0816	59	-	59	66	58	64	14.5	-	12.5	-	10	-	6	-		
			18			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			19			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			20			0717	52	-	-	-	-	-	14.5	-	14.5	-	11.5	-	6.5	-		
			21			0715	47	-	55	60	53	59	13	-	14	-	11.5	-	7	-		
			22			0703	48	-	54	62	53	62	13.5	-	13.5	-	12	-	7.5	-		
			23			0743	54	-	54	66	53	64	15	-	13.5	-	11.5	-	7.5	-		
			24			0710	56	-	58	59	58	61	14.5	-	14	-	11.5	-	7.5	-		
			25			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			26			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			27			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			28			0625	55	-	-	-	-	-	11.5	-	15.5	-	12.5	-	8	-		
			29			0753	59	-	61	69	58	68	17.5	-	15.5	-	13	-	8	-		
			30			0648	48	-	38	64	56	63	14.5	-	15.5	-	13.5	-	8.5	-		
			31			0630	48	-	57	63	56	63	14.5	-	15.5	-	13.5	-	8.5	-		

3 Bowled
In snow drift

Alt
11 Powder
Data Type
60 Background
Temperature
Min Max
Min Max

June 2013

Alt
11 Power
Rain Type
09 Belowground
Temperature
Altitude Codes 00

Powers Solarground Temperature Field Form

July 2013

Fahrenheit Soil-ground Temperature Field Form										July 2013										
Date Type	Site	Latitude	Date			Time	Fahrenheit						Celsius							
			Day	Month	Year		Temperature at 4 inches		Temperature at 2.5 inches		Temperature at 1 inch		Temperature at 0 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
1-8	6-4	6-7	8-9	10-11	12-18	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
89			1	07	13	0710		66	-	-	-	-	24	-	22.5	-	18.5	-	12.5	-
			2			0655		65	73	83	73	82	24		22.5		19		12.5	
			3																	
			4																	
			5																	
			6																	
			7																	
			8																	
			9				1100	-	93	-	-	-	25		22		19		13	
			10				0900		76	73	84	73	82	23.5		22.5		19.5		13
			11				0745		71	73	82	73	81	24		22.5		19.5		13.5
			12				0845		78	79	84	74	82	25		22.5		19.5		13.5
			13				0920		79	75	87	74	84	25		22.5		19.5		13.5
			14																	
			15																	
			16				0700		68	-	-	-	23.5		22.5		20		13.5	
			17				0715		61	68	78	68	77	21.5		22.5		19.5		14
			18				0810		72	68	79	68	79	22		22		20		14
			19				0830		72	72	73	69	81	23		22		19.5		14
			20				1035		68	71	83	70	81	22		22		19.5		14
			21																	
			22																	
			23				0730	66	-	-	-	-	21.5		21.5		19.5		14.5	
			24				0745	68	2	71	84	68	81	22.5		22		19.5		14.5
			25				0750	70	81	82	69	81		24		22		19.5		14.5
			26				0917	69		73	81	72	80	23		22		19.5		14.5
			27				0807		68	70	75	70	75	22		22		19.5		14.5
			28																	
			29																	
			30				0930		64	-	-	-	21.5		21.5		19.5		14.5	
			31				0900		70	68	75	68	74	20.5		21		19.5		14.5
							0552		60	69	76	68	75	21.5		21.5		19.5		14.5

All
 11 Powers
 Data Type
 11 Solarground
 Temperature
 Minutes 00:00 M