



GRASSLAND BIOME  
U.S. INTERNATIONAL BIOLOGICAL PROGRAM  
FIELD DATA SHEET--PANTEE STANDARD WEATHER

April, 1985

Site	Wind Index	Hail Index	Snow Cover	Cloud Cover
11 Pannee	1 Light 2 Strong 3 Gusty	1 BB 2 Pea 3 Marble 4 Golfball 5 Larger	1 10% 6 60% 2 20% 7 70% 3 30% 8 80% 4 40% 9 90% 5 50% 0 100%	0 <10% 5 50% 1 10% 6 60% 2 20% 7 70% 3 30% 8 80% 4 40% 9 >90%

Data Type	Site	Initials	Date			Time (IST)	Maximum Air Temperature	Minimum Air Temperature	Current Temperature	Wet Bulb Temperature	Dry Bulb Temperature	Maximum Pan Temperature	Minimum Pan Temperature	Evaporation	Daily Wind Travel	Daily Solar Radiation	Precipitation	Hail Index	Snow Cover	Cloud Cover	Comments
			Day	Month	Year																
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	39-43	44-49	50-55	56-59	60-61	62-63	64-80	
58	11	R.	1	11/21	1985	2312	65	28	42	81	41				4787		0		1		
			2			1642	77	40	40						17415		1		1		
			3			1645	74	41	61						7432		2		9		
			4	4	85	1630	62	34	33	11					7311		107	2	1		
			5	4	85	1741	57	20	54	11					7324		3	1	1		
			6	4	85	1717	55	26	41	11					7455		2	1	1		
			7				54	20	42	11					7411		1	1	1		
		DLH	8				71	17	11	11					7711		1	1	2		
			9														1	1	0		
			10														1	1			
			11														1	1			
			12														1	1			
			13														1	1			
			14														1	1			
			15	4	85	1717	44	41	71	11							1	1			
			16	4	85	1717	41	41	73	11							1	1			
			17														1	1			
			18														1	1			
			19				71	17	71	12	11						1	1			
			20	4	85	1717	43	71	41	34	11				1101		T	1			
			21	4	85	1717	41	34	57	11	54				7234		1	1			
			22				41	31	55	41	51				1144		10	1			
			23				744	65	36	41	43	51			7444		24	1			
			24				1707	17	7	34	41	51	113	18	-31	1614		2	1		
			25	4	85	1717	56	38	40	37	38	13	8	+21	7753		32	2	1		
			26	4	85	1717	40	34	37	33	34	5	0	+5.8	1707		58	2	1		
			27	4	85	1717	40	29	65	51	62	19	0	-1.2	1705		0	1			
			28	4	85	1612	73	37	72	54	61	21	5	-1.7	2022		0	1			
			29	4	85	1610	72	41	54	52	51	27	8	+1.9	0987		39	2			
			30	4	85	1636	75	47	58	46	54	43	8	-1.3	1728		T	2			
			31														1774	For	April		

## U.S. INTERNATIONAL BIOLOGICAL PROGRAM

FIELD DATA SHEET--FAHKEE STANDARD WEATHER

MAY, 1985

## Site

11 Pawnee

## Vind Index

1 Light  
2 Strong  
3 Gusty

## Hall Index

- 1 BB
- 2 Pea
- 3 Marble
- 4 Golfball
- 5 Larger

### Snow Cover

1	10%	6	60%
2	20%	7	70%
3	30%	8	80%
4	40%	9	90%
5	50%	0	100%

### Cloud Cover

0	<10%	5	50%
1	10%	6	60%
2	20%	7	70%
3	30%	8	80%
4	40%	9	>90%

Date Type	Site	Initials	Date			Time (IST)	Maximum Air Temperature	Minimum Air Temperature	Current Temperature	Wet Bulb Temperature	Dry Bulb Temperature	Maximum Pan Temperature	Minimum Pan Temperature	Evaporation	Daily Wind Travel	Daily Solar Radiation	Precipitation	Wind Index	Snow Cover	Cloud Cover	Comments	
			Day	Month	Year																	
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	39-43	44-49	50-55	56-59	60	61	62	63	64-80
58	11	D.H.	1	05	85	1632	74	44	72	56	71	24	7	+25	0297.2	-	0	1		0		
59	11	"	2	11	11	1622	80	45	80	57	76	28	8	+23	0351.3	-	0	1		0		
60	11	"	3	"	"	1551	82	47	82	56	79	27	10	+38	0411.9	-	0	1		3		
61	11	"	4	"	"	1651	82	51	72	52	63	35	11	+39	0541.0	-	0	2		5		
62	11	"	5	11	11	1611	87	51	86	49	74	26	10	+14	0615.9	-	11	1		2		
63	11	"	6	11	11	1704	76	43	67	53	65	27	7	+30	0702.7	-	0	1		3		
64	11	"	7	"	"	1653	76	44	74	57	75	25	7	+30	0788.3	-	0	1		3		
65	11	"	8	"	"	1556	82	46	80	56	79	27	9	+32	0872.3	-	0	1		4		
66	11	"	9	"	"	1909	51	51	83	58	67	27	9	+45	0961.7	-	0	1		9		
67	11	"	10	"	"	1551	78	49	75	53	71	24	10	+25	1028.8	-	06	2		3		
68	11	"	11	"	"	1626	66	50	64	47	61	22	7	+39	1347.1	-	0	3		1		
69	11	"	12	"	"	1749	54	41	47	42	45	15	1	+22	1444.8	-	10	1		9		
70	11	"	13	"	"	1645	56	40	55	42	53	11	3	+07	1685.2	-	0	3		8		
71	11	"	14	"	"	1728	70	34	68	45	65	21	-1	+36	1839.0	-	0	2		0		
72	11	"	15	"	"	1545	72	38	71	49	64	25	1	+30	1918.1	-	0	1		0		
73	11	"	16	"	"	1815	64	35	62	47	58	23	5	+30	2009.0	-	03	1		9		
74	11	"	17	"	"	1635	75	46	55	51	52	18	9	-17	2076.3	-	26	1		8		
75	11	"	18	"	"	1713	69	43	60	52	56	23	8	+01	2117.6	-	15	1		5		
76	11	"	19	"	"	1753	68	44	58	48	56	-	-	+24	2218.2	-	0	2		3		
77	11	"	20	"	"	1621	62	48	62	54	60	-	-	+25	2285.4	-	43	1		2		
78	11	"	21	"	"	1647	66	40	60	51	58	-	-	+22	2357.2	-	0	2		9		
79	11	"	22	"	"	1608	70	42	68	54	66	-	-	+16	2405.6	-	0	1		4		
80	11	"	23	"	"	1641	77	41	77	51	74	-	-	+25	2453.3	-	0	1		1		
81	11	"	24	"	"	1730	82	46	78	50	70	-	-	+33	2496.7	-	0	1		6		
82	11	"	25	"	"	1810	82	49	72	53	69	-	-	+35	2581.9	-	0	1		9		
83	11	"	26	"	"	1958	82	51	58	47	55	-	-	+36	2694.3	-	0	1		4		
84	11	"	27	"	"	1604	82	43	82	53	77	30	5	+18	2756.3	-	0	1		2		
85	11	"	28	"	"	0830	84	43	64	54	81	40	5	+18	2787.4	-	0	1		6		
86	11	"	29	"	"	0757	84	46	78	55	80	39	5	+40	2869.4	-	0	1		6		
87	11	"	30	"	"	0610	71	52	58	45	69	65	5	+39	2965.4	-	0	3		1		
88	11	"	31	11	11	0701	72	42	56	50	69	30	5	+35	3291.5	-	0	1		9		
TOTAL = 01.14" = 28.96 mm																						



GRASSLAND BIOME  
U.S. INTERNATIONAL BIOLOGICAL PROGRAM

June, 1985

FIELD DATA SHEET--PANJEE STANDARD WEATHER

Site	Wind Index	Hail Index	Snow Cover	Cloud Cover
11 Panjee	1 Light 2 Strong 3 Gusty	1 BB 2 Pea 3 Marble 4 Golfball 5 Larger	1 10% 6 60% 2 20% 7 70% 3 30% 8 80% 4 40% 9 90% 5 50% 0-100%	0 10% 5 50% 1 10% 6 60% 2 20% 7 70% 3 30% 8 80% 4 40% 9 90%

Date Type	Site	Initials	Date			Time (MST)	Maximum Air Temperature	Minimum Air Temperature	Current Temperature	Wet Bulb Temperature	Dry Bulb Temperature	Maximum Pan Temperature	Minimum Pan Temperature	Evaporation	Daily Wind Travel	Daily Solar Radiation	Precipitation	Wind Index	Hail Index	Snow Cover	Cloud Cover	Comments
			Day	Month	Year																	
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	39-43	44-49	50-55	56-59	60	61	62	63	64-80
58	11	DLH	1	06	85	0745	73	44	69	52	69	-	-	.28	3396.5	-	0	2			4	
"	"	"	2	"	"	0815	75	46	56	54	69	-	-	.26	3491.0	-	0	1			9	
"	"	"	3	"	"	0715	74	56	57	52	56	-	-	.08	3483.3	-	.15	2			9	
"	"	"	4	"	"	0715	61	51	53	52	58	-	-	.12	3724.8	-	0	1			9	
"	"	"	5	"	"	0715	79	53	56	52	56	-	-	.33	3790.7	-	0	1			0	
"	"	"	6	"	"	0700	89	53	73	57	74	-	-	.50	3904.9	-	0	1			4	
"	"	"	7	"	"	0900	96	58	86	59	86	-	-	.50	3976.0	-	0	1			4	
"	"	"	8	"	"	0815	100	56	88	60	90	-	-	.66	4136.1	-	0	2			7	
"	"	"	9	"	"	0845	78	55	68	52	67	-	-	.20	4232.8	-	.05	3			9	
"	"	"	10	"	"	0715	72	53	66	53	65	-	-	.26	4341.5	-	T	2			4	
"	"	"	11	"	"	0830	66	40	57	47	59	-	-	.31	4423.8	-	0	1			7	
"	"	"	12	"	"	0800	72	35	55	42	51	-	-	.32	4492.1	-	0	1			4	
"	"	"	13	"	"	0700	90	49	74	52	72	-	-	.50	4596.8	-	0	2			4	
"	"	"	14	"	"	0700	82	57	70	54	74	-	-	.40	4676.0	-	0	1			2	
"	"	"	15	"	"	0830	94	48	73	52	75	-	-	.51	4759.5	-	0	1			0	
"	"	"	16	"	"	0745	94	58	82	58	84	-	-	.45	4889.7	-	.03	2			9	
"	"	"	17	"	"	0715	77	51	59	47	59	-	-	.34	4957.0	-	0	1			0	
"	"	"	18	"	"	0730	77	50	60	47	67	-	-	.35	4998.9	-	0	1			0	
"	"	"	19	"	"	0630	85	37	55	44	58	-	-	.40	5063.1	-	0	1			0	
"	"	"	20	"	"	0700	93	57	78	54	74	-	-	.43	5183.1	-	T	2			9	
"	"	"	21	"	"	0645	82	58	60	51	60	-	-	.61	5353.6	-	0	3			0	
"	"	"	22	"	"	0815	92	42	69	52	70	-	-	.62	5444.3	-	0	3			0	
"	"	"	23	"	"	0830	96	62	86	56	89	-	-	.49	5511.1	-	.0	1			0	
"	"	"	24	"	"	0700	96	55	73	55	76	-	-	.42	5619.1	-	.03	2			8	
"	"	"	25	"	"	0730	63	59	59	52	59	-	-	-.36	5769.8	-	.41	1			2	
"	"	"	26	"	"	0700	65	49	49	M	M	-	-	.25	5923.0	-	.10	3			8	M=MISSING
"	"	"	27	"	"	0700	78	40	57	M	M	-	-	.38	6011.0	-	0	2			0	M=MISSING
"	"	"	28	"	"	0645	85	43	64	54	70	-	-	.37	6069.5	-	0	1			8	
"	"	"	29	"	"	0730	89	51	74	54	74	-	-	.39	6147.0	-	0	2			9	
"	"	"	30	"	"	0730	90	53	79	59	83	80	52	.19	6257.0	-	.15	2			9	

IBP



## GRASSLAND BIOME

U.S. INTERNATIONAL BIOLOGICAL PROGRAM

FIELD DATA SHEET--FAIRBEE STANDARD WEATHER

July, 1985

Site

11 Fairlee

Wind Index

 1 Light  
 2 Strong  
 3 Gusty

Hail Index

 1 BB  
 2 Pea  
 3 Marble  
 4 Golfball  
 5 Larger

Snow Cover

 1 10% 6 60%  
 2 20% 7 70%  
 3 30% 8 80%  
 4 40% 9 90%  
 5 50% 0 100%

Cloud Cover

 0 <10% 5 50%  
 1 10% 6 60%  
 2 20% 7 70%  
 3 30% 8 80%  
 4 40% 9 >90%

Data Type	Site	Initials	Date			Time (IST)	Minimum Air Temperature	Maximum Air Temperature	Current Temperature	Wet bulb Temperature	Dry bulb Temperature	Maximum Pan Temperature	Minimum Pan Temperature	Evaporation	Daily Wind Travel	Daily Solar Radiation	Precipitation	Wind Index	Hail Index	Snow Cover	Cloud Cover	Rainfall (mm)	Comments
			Day	Month	Year																		
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	39-43	44-49	50-55	56-59	60	61	62	63	64-65	66-80
58	11	DLH	1	07	85	0800	85	52	80	58	81	82	51	.30	6350.6	-	0	2		9	-		
"	"	"	2	"	"	0700	88	53	69	55	71	82	50	.37	6406.5	-	0	1		0	-		
"	"	"	3	"	"	0745	94	53	83	57	86	86	50	.48	6496.8	-	0	1		8	-		
"	"	"	4	"	"	0630	92	62	75	53	73	84	52	.37	6557.5	-	.02	1		7	8		
"	"	"	5	"	"	0645	93	54	70	53	69	86	52	.46	6622.6	-	0	1		0	11		
"	"	"	6	"	"	0815	100	54	84	58	86	88	52	.50	6683.5	-	0	1		0	12		
"	"	"	7	"	"	0830	100	63	90	61	95	85	56	.46	6775.0	-	0	1		9	10		
"	"	"	8	"	"	0730	97	66	82	58	81	86	58	.41	6890.9	-	.32	1		9	6	(rained uneven)	
"	"	"	9	"	"	0715	90	61	75	58	74	86	56	.22	6969.1	-	.21	1		9	6	(even rain over rain)	
"	"	"	10	"	"	0715	94	58	76	61	80	88	57	.37	7019.8	-	0	1		7	9		
"	"	"	11	"	"	0700	93	60	78	59	81	80	58	.47	7144.4	-	0	2		9	9		
"	"	"	12	"	"	0700	91	63	70	60	73	86	58	.24	7217.1	-	.65	1		9	4	(rained uneven)	
"	"	"	13	"	"	0600	87	62	69	58	67	82	58	.21	7337.6	-	.12	1		4	6	(even rain)	
"	"	"	14	"	"	0830	85	56	68	64	71	79	58	.24	7465.0	-	.10	1		7	6	(even rain)	
"	"	"	15	"	"	0700	85	56	64	61	67	79	56	.30	7549.2	-	.10	1		5	6	(even rain)	
"	"	"	16	"	"	0700	91	55	64	59	65	90	56	.24	7604.1	-	.10	1		9	6		
"	"	"	17	"	"	0815	91	62	74	63	79	85	59	.37	7704.0	-	.7	1		9	7		
"	"	"	18	"	"	0700	80	67	68	56	66	79	60	.61	7790.4	-	.82	1		9	0		
"	"	"	19	"	"	0615	70	62	62	60	61	69	59	.29	7892.8	-	.30	1		9	3		
"	"	"	20	"	"	0715	78	62	68	64	72	82	59	.15	7911.1	-	.01	1		8	3		
"	"	"	21	"	"	0730	81	59	73	62	76	83	58	.24	7933.8	-	0	1		8	5		
"	"	"	22	"	"	0815	81	61	71	63	73	84	58	.14	7992.8	-	.07	1		9	4		
"	"	"	23	"	"	0715	84	61	64	62	63	84	60	.27	8082.4	-	.7	1		9	5		
"	"	"	24	"	"	0900	79	59	70	59	72	80	55	.25	8151.4	-	0	1		5	5		
"	"	"	25	"	"	0700	82	59	66	57	66	85	55	.35	8238.7	-	0	1		2	6		
"	"	"	26	"	"	0715	85	56	61	57	61	82	55	.30	8320.3	-	0	1		0	6		
"	"	"	27	"	"	0900	90	52	80	62	82	87	53	.22	8409.3	-	.13	1		8	6		
"	"	"	28	"	"	0830	82	58	71	62	75	82	54	.56	8180.7	-	.83	1		9	0		
"	"	"	29	"	"	0715	71	61	61	59	60	73	58	.08	8539.9	-	.05	1		8	2		
"	"	"	30	"	"	0730	80	56	61	61	63	84	60	.10	8606.0	-	.12	1		9	4		
"	"	"	31	"	"	0930	82	58	68	64	71	86	67	.26	8699.1	-	.0	1		2	5		



## GRASSLAND BIOME

U.S. INTERNATIONAL BIOLOGICAL PROGRAM

FIELD DATA SHEET—PANTEE STANDARD WEATHER

August  
1985

Site	Wind Index	Hail Index	Snow Cover	Cloud Cover
11 Pannee	1 Light 2 Strong 3 Gusty	1 BS 2 Pea 3 Marble 4 Golfball 5 Larger	1 10% 2 20% 3 30% 4 40% 5 50%	6 60% 7 70% 8 80% 9 90% 100%

Site	Initials	Date			Time (List)	Maximum Air Temperature	Minimum Air Temperature	Current Temperature	Wet Bulb Temperature	Dry Bulb Temperature	Maximum Pan Temperature	Minimum Pan Temperature	Evaporation	Daily Wind Travel	Daily Solar Radiation	Precipitation	Wind Index	Hail Index	Snow Cover	Cloud Cover	Altimeter	Comments
		Day	Month	Year																		
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	39-43	44-49	50-55	56-59	60	61	62	63	64	64-80
11	DLH	1	08	85	0700	84	63	63	61	62	84	61	.25	8772.0		0	1		4	4		
11	DLH	2	08	85	0700	83	61	64	62	65	84	59	.21	8825.7		0	1		5	5		
11	DLH	3	08	85	0615	87	57	62	50	65	87	55	.42	8903.9		0	1		0	8		
11	"	4	"	"	0830	85	53	72	58	73	87	51	.31	8941.0		0	1		0	6		
11	"	5	"	"	0715	91	56	74	57	76	80	57	.40	9034.5		0	2		8	10		Changed Water in Evaporative Pan
11	"	6	"	"	0715	89	56	72	57	74	86	54	.31	9091.8		.02	1		9	6		
11	"	7	"	"	0700	93	55	64	61	66	85	56	.35	9141.8		0	2		5	7		
11	"	8	"	"	0700	96	51	70	53	72	86	54	.47	9274.0		0	2		7	11		
11	"	9	"	"	0745	70	60	62	53	65	72	56	.23	9335.7		0	2		8	5		
11	"	10	"	"	0845	88	52	54	54	64	81	48	.34	9404.4		0	1		0	7		
11	"	11	"	"	0930	90	58	77	59	78	78	53	.40	9557.0		.04	2		9	5		
11	"	12	"	"	0730	82	53	62	46	60	76	49	.39	9656.9		0	2		0	7		
11	"	13	"	"	0715	78	48	63	50	65	78	48	.41	9806.6		0	2		4	6		
11	"	14	"	"	0930	73	55	57	50	55	72	52	.16	9893.6		0	1		4	3		
11	"	15	"	"	0715	89	57	61	56	63	82	52	.40	9948.7		0	1		0	8		
11	"	16	"	"	0715	93	56	72	51	75	77	50	.50	0085.0		0	1		9	9		
11	"	17	"	"	0545	74	50	50	42	48	78	46	.25	0147.1		0	1		0	5		
11	"	18	"	"	0830	78	49	72	56	72	69	43	.18	0200.0		0	1		9	3		
11	"	19	"	"	0745	83	51	73	55	72	74	49	.17	0252.4		.03	1		9	4		
11	"	20	"	"	0715	93	52	71	55	75	84	52	.45	0330.5		.01	1		9	10		
11	"	21	"	"	0730	94	65	78	58	82	80	55	.25	387.7		.03	1		9	6		
11	"	22	"	"	0815	93	57	79	59	83	84	52	.47	487.0		0	2		1	7		
11	"	23	"	"	0730	82	54	65	52	68	80	50	.34	549.0		0	1		1	8		
11	"	24	"	"	0800	85	46	67	53	71	82	49	.30	587.3		0	1		1	6		
11	"	25	"	"	0730	90	45	62	52	65	82	48	.33	628.8		0	1		1	8		
11	"	26	"	"	0745	98	48	74	57	80	82	51	.38	673.8		0	1		5	8		
11	"	27	"	"	0800	94	56	78	59	83	81	53	.11	733.2		.23	2		9	5		
11	"	28	"	"	0830	91	59	76	62	78	80	56	.31	802.2		.02	2		8	6		
11	"	29	"	"	0700	93	57	68	56	70	81	53	.31	851.1		0	1		5	8		
11	"	30	"	"	0700	96	55	75	55	75	84	54	.50	925.8		0	1		1	11		
11	"	31	"	"	0800	96	65	86	59	88	83	56	.30	1019.4		.08	1		8	7		



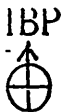
GRASSLAND BIOME  
U.S. INTERNATIONAL BIOLOGICAL PROGRAM  
FIELD DATA SHEET--FAIRBEE STANDARD WEATHER

Sept-1985

Site	Wind Index	Hail Index	Snow Cover	Cloud Cover
11 Paines	1 Light 2 Strong 3 Gusty	1 BB 2 Pea 3 Marble 4 Golfball 5 Larger	1 10% 2 20% 3 30% 4 40% 5 50%	6 60% 7 70% 8 80% 9 90% 10 100%

Date	Site	Initials	Date			Time (MST)	Maximum Air Temperature	Minimum Air Temperature	Current Temperature	Wet Bulb Temperature	Dry Bulb Temperature	Maximum Pan Temperature	Minimum Pan Temperature	Evaporation	Daily Wind Travel	Daily Solar Radiation	Precipitation	Wind Index	Hail Index	Snow Cover	Cloud Cover	Atmosphere	Comments
			Day	Month	Year																		
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	39-43	44-49	50-55	56-59	60-61	62-63				64-80
3	11	DLH	1	09	85	0745	80	60	64	58	63	77	56	.10	1087.8		.06	1		92			
	"	"	2	"	"	0815	85	54	70	61	71	77	55	.13	1162.7		.16	1		85			
	"	"	3	"	"	0700	84	55	68	56	66	80	53	.29	1241.2		0	2		95			
	"	"	4	09	85	0645	85	58	60	56	60	74	54	.12	1291.1		.06	1		94			
	"	"	5	"	"	0700	87	50	60	55	63	81	50	.40	1351.4		0	1		07			
	"	"	6	"	"	0715	85	48	66	50	69	79	48	.40	1433.0		0	1		08			
	"	"	7	"	"	0615	87	51	53	42	53	78	47	.42	1568.1		T	2		87			
	"	"	8	"	"	0815	79	47	60	52	63	77	44	.28	1623.6		0	1		24			
	"	"	9	"	"	0715	82	50	58	50	58	78	48	.27	1704.2		0	1		95			
	"	"	10	"	"	0700	69	53	57	54	56	66	50	.06	1793.0		0	1		91			
	"	"	11	"	"	0915	67	58	62	60	61	65	54	.14	1954.4		.24	2		90			
	"	"	12	"	"	0715	75	50	54	45	54	75	50	.14	2020.3		.18	1		06			
	"	"	13	"	"	0715	74	40	51	48	57	73	43	.22	2108.8		0	1		04			
	"	"	14	"	"	0745	82	52	56	55	55	79	45	.24	2163.2		0	1		16			
	"	"	15	"	"	0800	84	58	64	59	65	78	54	.23	2215.4		0	1		95			
	"	"	16	"	"	0730	88	46	63	53	64	78	48	.41	2273.7		0	1		16			
	"	"	17	"	"	0700	88	47	64	50	67	79	48	.39	2349.7		0	1		16			
	"	"	18	"	"	0730	84	50	69	52	71	71	46	.18	2416.8		T	1		94			
	"	"	19	"	"	0700	81	50	54	51	57	80	50	.33	2508.9		0	2		55			
	"	"	20	"	"	0715	54	41	44	39	43	53	40	.11	2551.1		0	1		11			
	"	"	21	"	"	0730	74	40	44	42	45	71	38	.30	2685.8		0	3		45			
	"	"	22	"	"	0745	53	44	51	47	49	50	40	.04	2822.8		.18	3		72			
	"	"	23	"	"	0700	49	31	34	32	34	46	32	.03	2895.3		.02	2		70	(ice on evap. pan)		
	"	"	24	"	"	0730	57	30	35	32	34	46	32	.07	2973.3		T	2		73	(ice on evap. pan)		
	"	"	25	"	"	0715	56	29	48	36	44	44	32	.16	3076.8		0	2		84	(ice on evap. pan)		
	"	"	26	"	"	0800	73	28	32	32	34	65	31	.19	3153.0		0	3		2	( " " " )		
	"	"	27	"	"	0730	52	38	44	38	42	FROZEN			3252.1		0	3		8	discontinued		
	"	"	28	"	"	0800	32	31	31	Too Cold		FROZEN			3324.7		.25	1		99	Atmosphere		
	"	"	29	"	"	0830	32	24	26	Too Cold		FROZEN			3332.4		0	1		4	3 1/2" SNOW		
	"	"	30	"	"	0900	48	18	31	Too Cold		FROZEN			3353.1		0	1		0			
															T	51	1.15						





## GRASSLAND BIOME

U.S. INTERNATIONAL BIOLOGICAL PROGRAM

FIELD DATA SHEET—FAIRBEE STANDARD WEATHER

OCT. 1985

Site  
11 FairbreeWind Index  
1 Light  
2 Strong  
3 GustyHail Index  
1 BB  
2 Pea  
3 Marble  
4 Golfball  
5 LargerSnow Cover  
Blank KNOWN  
1 10% 6 60%  
2 20% 7 70%  
3 30% 8 80%  
4 40% 9 90%  
5 50% 0 100%Cloud Cover  
0 <10% 5 50%  
1 10% 6 60%  
2 20% 7 70%  
3 30% 8 80%  
4 40% 9 >90%

Date Time	Site	Initials	Date			Time (IST)	Fairbree Air Temperature	Minimum Air Temperature	Current Temperature	Wet Bulb Temperature	Dry Bulb Temperature	Fairbree Pan Temperature	Minimum Pan Temperature	Evaporation	Daily Wind Travel	Daily Solar Radiation	Precipitation	Hail Index	Cloud Cover	Snow Cover	Comments
			Day	Month	Year																
-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	44-49	50-55	56-59	60-61	62-63		64-80
5	11	DLH	1	10	85	0915	65	23	52	43	58	FROZEN	-	3402.4	-	0	1	0			
	11	"	2	10	85	0630	70	37	49	40	48	68	-	.20	3467.0	-	0	1	0		
	11	"	3	10	85	0615	74	39	46	-	-	65	38	.29	3754.0	-	T	3	9		
	11	"	4	10	85	0700	54	34	38	-	-	53	30	.25	3888.0	-	0	3	9		
	11	"	5	10	85	0800	71	24	44	-	-	-	32	.19	3934.4	-	0	1	2		
	11	"	6	10	85	0745	73	39	54	41	54	FROZEN	-	3971.1	-	0	1	6			
	11	"	7	10	85	0700	73	38	49	39	45	FROZEN	-	4140.0	-	0	1	9			
	11	"	8	10	85	0730	28	28	30	-	-	FROZEN	-	4204.4	-	.16	2	09			
	11	"	9	10	85	0800	38	27	30	-	-	FROZEN	-	4230.0	-	.07	1	09			
	11	"	10	10	85	0645	64	28	29	-	-	FROZEN	-	4267.6	-	0	1	0			
	11	"	11	10	85	0800	54	29	47	-	-	48	30	.28	4343.7	-	.62	3	9		63.4
	11	"	12	10	85	0730	68	36	43	-	-	64	32	.15	4475.5	-	0	2	8		
	11	"	13	10	85	0700	49	38	38	-	-	37	36	-.06	4525.9	-	.06	1	1		
	11	"	14	10	85	0915	56	29	50	-	-	54	32	.18	4613.3	-	0	1	0		
	11	"	15	10	85	0715	69	31	49	-	-	63	32	.16	4655.7	-	0	1	0		
	11	"	16	10	85	0700	71	35	40	36	41	64	32	.17	4706.6	-	0	1	0		
	11	"	17	10	85	0700	64	40	45	37	49	63	34	.15	4762.0	-	0	1	0		
	11	"	18	10	85	0700	63	37	43	39	41	59	35	.15	4817.6	-	0	1	0		
	11	"	19	10	85	0730	63	31	43	43	48	60	32	.13	4853.8	-	0	1	0		
	11	"	20	10	85	0800	73	33	50	45	52	64	32	.15	4876.8	-	0	1	0		
	11	"	21	10	85	0715	71	34	38	35	38	63	33	.15	4906.1	-	0	1	4		
	11	"	22	10	85	0700	60	36	36	29	30	52	34	.32	5091.7	-	0	2	4		
	11	"	23	10	85	0700	68	36	57	41	55	58	31	.23	5199.2	-	0	3	3		
	11	"	24	10	85	0700	71	38	39	35	39	64	32	.14	5217.6	-	0	1	0		
	11	"	25	10	85	0715	76	31	39	36	39	64	32	.21	5291.3	-	0	1	0		
	11	"	26	10	85	0830	67	39	59	46	58	61	34	.20	5352.2	-	0	2	0		
	11	"	27	10	85	0745	73	33	44	41	46	64	32	.16	5376.9	-	0	1	0		
	11	"	28	10	85	0730	77	38	50	41	50	65	34	.24	5491.6	-	0	2	0		
	11	"	29	10	85	0730	56	39	44	35	46	56	35	.10	5508.2	-	0	1	0		
	11	"	30	10	85	0730	65	25	32	32	36	57	32	.10	5545.2	-	0	1	2		
	11	"	31	10	85	0730	58	35	56	43	53	48	33	-.05	5656.8	-	.13	2	9		



## GRASSLAND BIOME

U.S. INTERNATIONAL BIOLOGICAL PROGRAM

FIELD DATA SHEET—FAHSEE STANDARD WEATHER

NOV. 1989

Site	Wind Index	Hail Index	Snow Cover	Cloud Cover
11 Pawnee	1 Light 2 Strong 3 Gusty	1 BB 2 Pea 3 Marble 4 Golfball 5 Larger	1 10% 2 20% 3 30% 4 40% 5 50%	6 60% 7 70% 8 80% 9 90% 10 100%

Date Type	Site	Initials	Date			Time (list)	Minimum Air Temperature	Minimum Air Temperature	Current Temperature	Wet Bulb Temperature	Dry Bulb Temperature	Minimum Pan Temperature	Maximum Pan Temperature	Evaporation	Daily Wind Travel	Daily Solar Radiation	Precipitation	Wind Index	Hail Index	Snow Cover	Cloud Cover	Comments
			Day	Month	Year																	
-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	39-43	44-49	50-55	56-59	60	61	62	63	64-80
11	DLH	1	11	85	0730	56	25	29	29	32	51	30	.08	5711.1	-	0	1			2		
11	DLH	2	11	85	0830	60	29	55	41	52	49	32	.09	5774.6	-	0	1			7		
11	DLH	3	11	85	0915	68	39	54	43	53	60	35	.15	5795.9	-	0	1			0		
11	DLH	4	11	85	0915	69	33	59	45	60	59	32	.14	5818.5	-	0	1			2		
11	DLH	5	11	85	0815	70	38	49	42	50	59	38	.18	5961.9	-	0	3			8		
11	DLH	6	11	85	0815	52	23	35	32	35	-	-	.15	6088.6	-	0	2			3		
11	DLH	7	11	85	0830	58	29	44	34	44	-	-	.13	6173.7	-	0	2			3	last day for evap. pa	
11	DLH	8	11	85	0800	60	27	41	36	45	-	-	.17	6376.0	-	.25	3			9		
11	DLH	9	11	85	0900	23	23	23	-	-	-	-	.1	6421.7	-	.07	1			09	(4 inches of snow	
11	DLH	10	11	85	0900	23	7	12	-	-	-	-	.5	6437.9	-	0	1			09		
11	DLH	11	11	85	0900	25	14	22	-	-	-	-	.1	6493.8	-	0	1			09		
11	DLH	12	11	85	0700	30	18	25	-	-	-	-	.0	6548.3	-	.08	1			09		
11	DLH	13	11	85	0815	36	19	25	-	-	-	-	.12	6565.4	-	.12	1			09	(2 inches of snow	
11	DLH	14	11	85	0815	30	4	21	-	-	-	-	.26	6643.6	-	.26	1			09		
11	DLH	15	11	85	0815	39	21	26	-	-	-	-	.1	6738.2	-	.10	1			09	(4 inches of snow	
11	DLH	16	11	85	0915	42	13	34	-	-	-	-	.0	6768.9	-	0	1			04		
11	DLH	17	11	85	0845	38	22	30	-	-	-	-	.0	6846.8	-	0	2			02		
11	DLH	18	11	85	0845	41	28	29	-	-	-	-	.10	6972.9	-	.10	3			09	(1 inch of snow	
11	DLH	19	11	85	0730	26	12	12	-	-	-	-	.0	7045.5	-	0	1			01		
11	"	20	11	85	0830	26	0	11	-	-	-	-	.0	7071.1	-	0	1			02		
11	"	21	11	85	1130	33	4	25	-	-	-	-	.0	7191.5	-	0	2			04		
11	"	22	11	85	0800	15	2	5	-	-	-	-	.0	7235.0	-	0	1			00		
11	"	23	11	85	0800	28	-7	6	-	-	-	-	.0	7283.7	-	0	1			01		
11	"	24	11	85	1330	36	12	33	-	-	-	-	.0	7298.9	-	0	1			00		
11	"	25	11	85	1000	49	10	33	-	-	-	-	.0	7376.0	-	0	2			08		
11	"	26	11	85	0915	30	20	21	-	-	-	-	.0	7391.5	-	0	1			09		
11	"	27	11	85	1145	42	10	40	-	-	-	-	.0	7436.9	-	0	1			08		
11	"	28	11	85	0900	34	13	19	-	-	-	-	.0	7490.1	-	0	1			00		
11	"	29	11	85	1100	24	12	20	-	-	-	-	.0	7542.4	-	0	1			01		
11	"	30	11	85	0900	13	-12	-	-	-	-	-	.0	7594.1	-	.10	1			03	(1.5 inches of snow	





GRASSLAND BIOME  
U.S. INTERNATIONAL BIOLOGICAL PROGRAM

December  
1985

FIELD DATA SHEET--PAMIEE STANDARD WEATHER

Site  
11 Pawnee

Wind Index  
1 Light  
2 Strong  
3 Gusty

Hail Index  
1 BB  
2 Pea  
3 Marble  
4 Golfball  
5 Larger

Snow Cover  
1 10% 6 60%  
2 20% 7 70%  
3 30% 8 80%  
4 40% 9 90%  
5 50% 10 100%

Cloud Cover  
0 10% 5 50%  
1 10% 6 60%  
2 20% 7 70%  
3 30% 8 80%  
4 40% 9 90%

Date Time	Site	Initials	Date			Time (MST)	Maximum Air Temperature	Minimum Air Temperature	Current Temperature	Wet Bulb Temperature	Dry Bulb Temperature	Maximum Pan Temperature	Minimum Pan Temperature	Evaporation	Daily Wind Travel	Daily Solar Radiation	Precipitation	Wind Index	Hail Index	Snow Cover	Cloud Cover	Comments
			Day	Month	Year																	
-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	39-43	44-49	50-55	56-59	60-61	62-63		64-80	
8	11	DLH	1	12	85	0830	10	-15	-1	-	-	-	-	-	7620.1	-	0	1	0	1		
	11	!	2			0830	32	4	2	-	-	-	-	-	7636.8	-	0	1	0	1		
			3			0815	50	3	30	-	-	-	-	-	7868.9	-	0	3	0	8		
			4			1000	43	26	34	-	-	-	-	-	7894.6	-	0	1	0	8		
			5			0830	48	14	26	-	-	-	-	-	7908.8	-	0	1	9	2		
			6			0815	45	24	35	-	-	-	-	-	8009.0	-	0	2	9	9		
			7			0815	43	20	18	-	-	-	-	-	8119.0	-	0	2	9	9		
			8			0930	32	23	30	-	-	-	-	-	8388.9	-	.18	3	0	9	(2.5" of snow)	
✓	✓		9	✓	✓	0915	22	22	15	-	-	-	-	-	8594.3	-	.17	3	0	4	(2.5" of snow)	
			10			0830	15	3	-5	-	-	-	-	-	8640.1	-	.03	1	0	2	Trace	
			11			1000	20	-15	0	-	-	-	-	-	8696.5	-	0	1	0	0		
			12			1000	22	-5	12	-	-	-	-	-	8721.7	-	0	1	0	0	3.3	
			13			1000	29	-4	8	-	-	-	-	-	8784.2	-	0	1	0	0	37.9	
			14			830	40	3	25	-	-	-	-	-	8891.8	-	0	3	0	0		
			15			900	37	8	12	-	-	-	-	-	9029.4	-	0	3	0	2		
			16			1000	39	15	21	-	-	-	-	-	9141.1	-	0	2	0	2		
✓	✓		17	✓	✓	1000	40	20	25	-	-	-	-	-	9331.8	-	0	3	0	4		
			18			0700	43	22	24	-	-	-	-	-	9460.0	-	0	3	0	2		
			19			0700	40	22	36	-	-	-	-	-	9597.2	-	T	3	0	4	very light snow	
			20			0800	48	23	34	-	-	-	-	-	9648.8	-	0	1	0	0		
			21			0800	52	22	30	-	-	-	-	-	9771.3	-	0	3	0	1		
			22			0800	46	31	33	-	-	-	-	-	9915.3	-	0	2	0	0		
			23			0930	45	27	45	-	-	-	-	-	0203.3	-	0	3	0	8		
			24			0915	39	30	35	-	-	-	-	-	0494.5	-	0	3	0	9		
			25			0745	47	28	29	-	-	-	-	-	0656.9	-	0	2	0	0		
✓			26			1000	44	25	42	-	-	-	-	-	0742.7	-	0	1	0	0		
○			27			0930	28	14	20	-	-	-	-	-	0803.2	-	0	1	0	0		
			28			0900	39	10	38	-	-	-	-	-	0828.1	-	0	1	9	0		
			29			0900	48	12	27	-	-	-	-	-	0850.9	-	0	1	9	0	9.6mm	
✓	✓	✓	30	✓	✓	0900	48	12	36	-	-	-	-	-	0936.2	-	0	1	9	1		
✓	✓	✓	31	✓	✓	1045	41	10	27	-	-	-	-	-	2175.2	-	0	1	0	1	2.8mm	