

## APPENDICES

**Appendix A: DAILY FLUX DATA MEASURED USING OPEC SYSTEM AND  
3D-SEC SYSTEM AT THE NON-TREATED SITE IN THE YEAR 2004**

<b>North Lake Saltcedar (NLSC)</b> (Non-treated site) <b>Located in Monticello Canyon</b> <b>Sierra County, New Mexico</b> <b>Latitude: N 33° 18' 57.18"</b> <b>Longitude: W 107° 10' 22.32"</b> <b>Elevation: 1334 m</b>							
Date	DOY	NT_Rn (MJ/m <sup>2</sup> )	NT_G (MJ/m <sup>2</sup> )	NT_H_OP (MJ/m <sup>2</sup> )	NT_LE_OP (MJ/m <sup>2</sup> )	NT_H_3D (MJ/m <sup>2</sup> )	NT_LE_3D (MJ/m <sup>2</sup> )
29-Jun-04	181	15.86	0.17	-0.20	15.89		
30-Jun-04	182	18.15	0.10	-0.05	18.10		
1-Jul-04	183	19.89	0.25	-2.54	22.17	-1.81	18.47
2-Jul-04	184	19.79	0.21	-1.72	21.31	-1.71	16.70
3-Jul-04	185	11.98	0.02	-4.82	16.78	-5.17	14.99
4-Jul-04	186	18.87	0.17	-2.82	21.51	-2.26	17.93
5-Jul-04	187	19.52	0.34	-1.02	20.20	-0.46	15.47
6-Jul-04	188	18.84	0.29	-1.77	20.32	-1.80	15.24
7-Jul-04	189	18.38	0.40	-3.30	21.29	-1.96	15.42
8-Jul-04	190	16.01	0.35	-3.19	18.84	-2.35	12.67
9-Jul-04	191	12.58	0.17	-3.15	15.56	-3.64	14.05
10-Jul-04	192	14.96	0.21	-3.75	18.50	-2.49	15.39
11-Jul-04	193	18.97	0.61	-1.35	19.71	-2.31	15.49
12-Jul-04	194	19.71	0.22	-2.03	21.53	-0.07	14.68
13-Jul-04	195	20.72	0.29	-1.32	21.75	-0.58	14.68
14-Jul-04	196	19.80	0.24	-3.16	22.72	-4.06	19.50
15-Jul-04	197	14.92	-0.01	-2.14	17.06	-1.79	13.03
16-Jul-04	198	20.58	0.36	-1.71	21.93	-1.48	15.34
17-Jul-04	199	20.10	0.04	-2.17	22.23	-2.47	17.57
18-Jul-04	200	18.82	0.32	-3.52	22.02	-2.86	17.80
19-Jul-04	201	17.49	0.15	-3.41	20.75	-3.03	13.36
20-Jul-04	202	15.44	0.15	-3.23	18.52		
21-Jul-04	203	16.79	0.25	-3.04	19.57	-3.07	12.00
22-Jul-04	204	16.80	0.12	-2.91	19.60		
23-Jul-04	205	15.57	-0.05	-2.78	18.40		
24-Jul-04	206	11.39	-0.01	-1.67	13.07	-2.15	15.05
25-Jul-04	207	9.42	-0.13	-2.26	11.80		
26-Jul-04	208	15.82	0.48	-0.88	16.23	-1.39	17.79
27-Jul-04	209	11.38	-0.34	-0.06	11.78		
28-Jul-04	210	15.39	-0.07	-2.61	18.07		
29-Jul-04	211	19.24	0.34	-1.80	20.70		
30-Jul-04	212	19.72	0.46	-1.01	20.28		
31-Jul-04	213	19.69	0.31	-1.63	21.02	-1.64	13.94
1-Aug-04	214	17.04	0.12	-0.89	17.80	-0.88	12.61
2-Aug-04	215	18.74	0.23	-0.37	18.87		
3-Aug-04	216	14.97	0.28	-0.72	15.41	-0.74	13.68

Date	DOY	NT_Rn (MJ/m <sup>2</sup> )	NT_G (MJ/m <sup>2</sup> )	NT_H_OP (MJ/m <sup>2</sup> )	NT_LE_OP (MJ/m <sup>2</sup> )	NT_H_3D (MJ/m <sup>2</sup> )	NT_LE_3D (MJ/m <sup>2</sup> )
4-Aug-04	217	19.35	0.51	-1.85	20.69	-1.84	14.12
5-Aug-04	218	13.78	0.06	-2.37	16.09	-2.00	10.71
6-Aug-04	219	16.65	0.26	-2.28	18.67	-1.92	12.91
7-Aug-04	220	13.94	-0.19	-0.29	14.42	-1.65	9.89
8-Aug-04	221	18.16	0.48	-1.27	18.96	-2.17	13.93
9-Aug-04	222	16.22	0.09	0.33	15.81	-0.36	10.96
10-Aug-04	223	17.93	0.28	0.93	16.73	-0.47	12.64
11-Aug-04	224	13.67	-0.08	0.28	13.46	-2.07	11.85
12-Aug-04	225	11.48	0.08	-0.71	12.12	-1.36	10.57
13-Aug-04	226	10.47	-0.32	-1.37	12.17	-1.42	9.98
14-Aug-04	227	10.48	0.11	1.45	8.91	0.95	9.67
15-Aug-04	228	4.48	-0.28	0.42	4.35		
16-Aug-04	229	0.27	-0.53	0.10	0.70		
17-Aug-04	230	6.77	0.45	1.94	4.39		
18-Aug-04	231	8.88	-0.42	-1.90	11.21		
19-Aug-04	232	13.52	0.16	-0.11	13.46	0.40	11.81
20-Aug-04	233	14.76	0.51	-0.10	14.35	0.34	11.04
21-Aug-04	234	14.87	0.28	-0.20	14.79	0.34	10.73
22-Aug-04	235	15.62	0.24	0.64	14.75	0.52	10.73
23-Aug-04	236	14.11	-0.05	-0.13	14.29	-0.95	12.23
24-Aug-04	237	5.05	-0.72	-1.06	6.82	-1.43	4.95
25-Aug-04	238	16.43	-1.17	3.76	13.84	2.82	10.41
26-Aug-04	239	16.05	0.28	2.06	13.71	1.28	11.64
27-Aug-04	240	15.14	0.35	0.51	14.28	0.63	11.46
28-Aug-04	241	15.87	0.24	1.15	14.48	0.99	10.09
29-Aug-04	242	10.71	-0.34	-1.40	12.45	-1.06	9.27
30-Aug-04	243	13.04	-0.92	0.90	13.06	0.81	9.37
31-Aug-04	244	15.07	-0.12	1.04	14.14		
1-Sep-04	245	15.37	0.05	1.00	14.32	0.60	11.96
2-Sep-04	246	15.79	0.37	1.34	14.08	1.38	9.87
3-Sep-04	247	14.24	0.15	0.14	13.95	0.08	10.54
4-Sep-04	248	5.33	-0.20	-0.63	6.16	-0.46	3.11
5-Sep-04	249	15.62	-1.04	1.55	15.11	1.27	10.61
6-Sep-04	250	14.85	0.10	1.20	13.55	0.76	10.43
7-Sep-04	251	14.94	-0.04	1.53	13.45	2.15	9.91
8-Sep-04	252	14.86	0.07	2.37	12.42	2.10	9.80
9-Sep-04	253	14.63	-0.05	2.08	12.61	1.83	10.61
10-Sep-04	254	14.57	-0.80	1.68	13.68	1.27	10.95
11-Sep-04	255	14.29	0.31	1.11	12.88	1.00	10.42
12-Sep-04	256	14.35	0.31	0.89	13.15	0.32	10.74
13-Sep-04	257	12.99	0.13	0.18	12.68	0.21	9.28
14-Sep-04	258	14.20	0.42	-0.18	13.96	-0.20	10.92
15-Sep-04	259	13.88	0.12	0.42	13.34	-0.03	10.68
16-Sep-04	260	13.90	-0.12	1.01	13.01	0.29	10.64
17-Sep-04	261	13.77	0.46	-0.53	13.84	-1.03	9.74
18-Sep-04	262	10.26	0.09	-0.57	10.74	-0.65	8.13
19-Sep-04	263	9.32	0.02	-0.26		-0.32	6.99
20-Sep-04	264	14.27	0.11	2.02	12.14	1.87	9.22
21-Sep-04	265	13.60	0.01	0.65		0.75	9.95

Date	DOY	NT_Rn (MJ/m <sup>2</sup> )	NT_G (MJ/m <sup>2</sup> )	NT_H_OP (MJ/m <sup>2</sup> )	NT_LE_OP (MJ/m <sup>2</sup> )	NT_H_3D (MJ/m <sup>2</sup> )	NT_LE_3D (MJ/m <sup>2</sup> )
22-Sep-04	266	12.94	0.01	1.17	11.76	1.15	8.52
23-Sep-04	267	13.11	-0.11	1.90	11.33	1.75	8.95
24-Sep-04	268	9.01	0.01	0.46	8.54	0.44	5.98
25-Sep-04	269	7.23	-0.71	-0.44	8.38		
26-Sep-04	270	11.87	0.14	0.95	10.77		
27-Sep-04	271	13.02	0.46	1.16	11.40	1.20	7.68
28-Sep-04	272	5.41	-0.22	0.21	5.42	0.02	6.09
29-Sep-04	273	4.22	-1.18	-0.45	5.84		
30-Sep-04	274	12.25	-0.03	1.07	11.21		
1-Oct-04	275	13.42	0.07	2.03	11.33	1.69	7.32
2-Oct-04	276	11.49	0.49	0.73	10.27	0.72	6.15
3-Oct-04	277	11.55	0.40	2.12	9.03	1.55	5.67
4-Oct-04	278	9.49	0.58			1.20	6.48
5-Oct-04	279	1.45	-0.53			-1.36	6.55
6-Oct-04	280	8.45	-0.06			0.95	6.39
7-Oct-04	281	9.87	-0.25			1.75	6.62
8-Oct-04	282	8.79	-0.16			0.75	7.36
9-Oct-04	283	10.19	-0.23	2.97	7.45	2.33	6.05
10-Oct-04	284	10.67	0.25	0.49	9.93		
11-Oct-04	285	9.11	-0.60	1.57	8.14		
12-Oct-04	286	9.79	-0.13	3.79	6.14	3.44	4.95
13-Oct-04	287	8.81	-0.23	0.42	8.62	1.54	
14-Oct-04	288	9.34	-0.20	3.77	5.77	4.03	4.87
15-Oct-04	289	9.66	0.42	2.05	7.20		
16-Oct-04	290	8.04	0.11	1.49	6.44		
17-Oct-04	291	5.88	-0.14	0.21	5.81		
18-Oct-04	292	5.93	-0.33	-0.07	6.33		
19-Oct-04	293	8.46	0.08	1.90	6.48		
20-Oct-04	294	8.80	0.08	2.02	6.69		
21-Oct-04	295	4.22	0.25	-2.11	6.09		
22-Oct-04	296	7.90	-0.47	1.61	6.76		
23-Oct-04	297	7.63	-0.66	4.68	3.61		
24-Oct-04	298	8.24	0.23	2.80	5.21		
25-Oct-04	299	2.37	-0.35	-0.03	2.75		
26-Oct-04	300	8.09	0.87	1.74	5.47		
27-Oct-04	301	6.30	-0.45	0.90	5.86		
28-Oct-04	302	6.89	0.16	-0.80	7.53		
29-Oct-04	303	7.18	-0.90	3.37	4.71		
30-Oct-04	304	7.69		4.58			
31-Oct-04	305	7.42	-0.06	2.67	4.81		
1-Nov-04	306	4.77	-1.43	0.61	5.58		
2-Nov-04	307	6.57	-0.80	5.16	2.20		
3-Nov-04	308	6.40	-0.65	5.14	1.90		
4-Nov-04	309	6.40	-0.11	5.07	1.44		
5-Nov-04	310	6.60		4.78			
6-Nov-04	311	3.62	-0.30	2.04	1.88		
7-Nov-04	312	5.25	0.62	2.31	2.32		
8-Nov-04	313	6.48	0.42	3.71	2.35		
9-Nov-04	314	6.65	-0.14	3.73	3.06		

Date	DOY	NT_Rn (MJ/m <sup>2</sup> )	NT_G (MJ/m <sup>2</sup> )	NT_H_OP (MJ/m <sup>2</sup> )	NT_LE_OP (MJ/m <sup>2</sup> )	NT_H_3D (MJ/m <sup>2</sup> )	NT_LE_3D (MJ/m <sup>2</sup> )
10-Nov-04	315	6.18	-0.42	4.82	1.77		
11-Nov-04	316	5.65	-0.25	4.53	1.37		
12-Nov-04	317	4.85	0.02	3.05	1.77		
13-Nov-04	318	0.66	-1.54	-0.42	2.61		
14-Nov-04	319	2.41	-0.57	-1.15	4.14		
15-Nov-04	320	1.91	0.41	-1.07	2.57		
16-Nov-04	321	2.68	-0.13	0.49	2.32		
17-Nov-04	322	7.12	0.25	3.61	3.26		
18-Nov-04	323	6.71	-0.21	3.86	3.05		
19-Nov-04	324	6.94	-0.14	3.82	3.25		
20-Nov-04	325	6.24	-0.52	3.61	3.14		
21-Nov-04	326	2.49	-0.24	1.28	1.45		
22-Nov-04	327	1.98	-0.23	0.14	2.07		
23-Nov-04	328	2.02	-0.96	1.13	1.85		
24-Nov-04	329	5.54	-0.50	3.61	2.43		
25-Nov-04	330	6.64	-0.33	4.02	2.95		
26-Nov-04	331	5.22	-0.06	3.32	1.96		
27-Nov-04	332	4.76	0.32	1.76	2.68		
28-Nov-04	333	2.48	-0.26	0.04	2.70		
29-Nov-04	334	2.46	-1.85	3.74	0.57		
30-Nov-04	335	4.80	-0.93	4.81	0.92		
1-Dec-04	336	4.26	-0.63	4.76	0.13		
2-Dec-04	337	4.29	-0.44	3.79	0.94		
3-Dec-04	338	4.88	-0.22	4.38	0.72		
4-Dec-04	339	2.29	0.29	0.82	1.18		
5-Dec-04	340	6.24	-0.04	3.57	2.71		
6-Dec-04	341	3.04	-0.38	1.15	2.28		
7-Dec-04	342	4.33	-0.22	3.10	1.45		
8-Dec-04	343	5.49	-0.18	3.49	2.18		
9-Dec-04	344	5.23	-0.03	3.60	1.66		
10-Dec-04	345	5.19	-0.06	3.30	1.95		
11-Dec-04	346	6.02	-0.20	3.86	2.35		
12-Dec-04	347	5.63	-0.09	3.58	2.14		
13-Dec-04	348	4.73	-0.22	2.83	2.12		
14-Dec-04	349	4.32	-0.91	3.97	1.26		
15-Dec-04	350	5.01	-0.37	4.01	1.37		
16-Dec-04	351	0.92	-0.15	-0.25	1.32		
17-Dec-04	352	4.10	-0.63	3.88	0.85		
18-Dec-04	353	4.48	-0.46	3.66	1.28		
19-Dec-04	354	4.30	-0.36	3.94	0.73		
20-Dec-04	355	4.56	-0.27	3.69	1.13		
21-Dec-04	356	2.62	0.52	0.98	1.11		
22-Dec-04	357	5.09	-0.78	3.90	1.97		
23-Dec-04	358	2.03	-0.79	1.63	1.19		
24-Dec-04	359	3.57	-0.74	3.88	0.44		
25-Dec-04	360	4.57	-0.32	3.99	0.90		
26-Dec-04	361	4.25	-0.21	3.51	0.95		
27-Dec-04	362	4.77	0.28	3.28	1.21		
28-Dec-04	363	5.63	0.56	3.55	1.52		

Date	DOY	NT_Rn (MJ/m <sup>2</sup> )	NT_G (MJ/m <sup>2</sup> )	NT_H_OP (MJ/m <sup>2</sup> )	NT_LE_OP (MJ/m <sup>2</sup> )	NT_H_3D (MJ/m <sup>2</sup> )	NT_LE_3D (MJ/m <sup>2</sup> )
29-Dec-04	364	5.07	1.23	2.10	1.74		
30-Dec-04	365	4.73	-0.22	3.62	1.33		
31-Dec-04	366	4.13	-0.09	3.35	0.88		

**Appendix B: DAILY FLUX DATA MEASURED USING OPEC SYSTEM AND  
3D-SEC SYSTEM AT THE TREATED SITE IN THE YEAR 2004**

<b>North Lake Treated Saltcedar (NLTSC)</b> (Treated site) <b>Located in Monticello Canyon</b> <b>Sierra County, New Mexico</b> <b>Latitude: N 33° 18' 16"</b> <b>Longitude: W 107° 12' 39"</b> <b>Elevation: 1352 m</b>							
Date	DOY	T_Rn (MJ/m <sup>2</sup> )	T_G (MJ/m <sup>2</sup> )	T_H_OP (MJ/m <sup>2</sup> )	T_LE_OP (MJ/m <sup>2</sup> )	T_H_3D (MJ/m <sup>2</sup> )	T_LE_3D (MJ/m <sup>2</sup> )
14-Aug-04	227	10.08	-0.12	6.43	3.32	6.73	3.95
15-Aug-04	228	5.21	-0.66	3.91	5.86		
16-Aug-04	229	2.21	-1.11	0.34	2.95		
17-Aug-04	230	12.27	0.21	4.62	7.02		
18-Aug-04	231	7.97	-0.74	1.63	6.93		
19-Aug-04	232	9.90	-0.03	3.17	6.55	2.97	6.72
20-Aug-04	233	10.16	0.50	4.44	4.82	4.79	5.58
21-Aug-04	234	10.39	0.30	5.70	3.89	5.81	4.80
22-Aug-04	235	10.81	0.21	5.84	4.18	5.77	5.08
23-Aug-04	236	8.68	-0.09	5.45	2.96	5.29	3.72
24-Aug-04	237	2.84	-1.04	1.71	2.08		
25-Aug-04	238	11.39	-1.37	6.50	5.72		
26-Aug-04	239	10.40	0.24	5.96	3.73		
27-Aug-04	240	9.36	0.30	4.72	3.87	5.84	3.21
28-Aug-04	241	10.17	0.11	7.17	2.38	9.07	1.72
29-Aug-04	242	6.60	-0.46	4.78	1.83	5.21	2.32
30-Aug-04	243	9.14	-1.08	6.36	3.30	6.56	1.97
31-Aug-04	244	9.93	-0.32	6.82	2.88		
1-Sep-04	245	10.93	-0.11	5.65	4.94	5.94	5.59
2-Sep-04	246	10.87	0.27	6.63	3.37	7.66	3.91
3-Sep-04	247	9.09	0.05	5.68	2.86	6.19	2.56
4-Sep-04	248	3.42	-0.44	1.44	2.31		
5-Sep-04	249	11.37	-1.05	6.32	12.42	6.73	3.14
6-Sep-04	250	8.43	0.08	6.86	1.01	7.45	1.83
7-Sep-04	251	8.98	-0.10	8.31	0.03	8.74	1.90
8-Sep-04	252	7.16	0.01	5.65	0.99	8.36	1.77
9-Sep-04	253	7.57	-0.16	6.20	0.97	8.40	1.68
10-Sep-04	254	4.06	-0.86	2.80	4.92	7.22	1.50
11-Sep-04	255	11.69	0.23	6.65	4.23	6.67	1.14
12-Sep-04	256	11.01	0.23	6.36	3.86	6.58	1.43
13-Sep-04	257	10.05	0.07	6.07	3.37	6.70	0.88
14-Sep-04	258	11.73	0.32	6.42	4.44	7.06	1.26
15-Sep-04	259	11.34	0.04	6.19	4.58	7.27	1.14
16-Sep-04	260	11.15	0.19	6.98	3.37	7.12	0.81
17-Sep-04	261	10.73	0.38	6.58	3.21	6.74	1.21
18-Sep-04	262	8.04	0.02	5.51	2.02		

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19-Sep-04	263	7.38	-0.23	3.56	3.74	4.42	2.11
20-Sep-04	264	11.79	0.01	8.38	2.67	8.37	1.44
21-Sep-04	265	11.65	-0.16	6.99	4.22	8.11	1.50
22-Sep-04	266	12.96	-0.14	7.23	5.26	6.69	0.75
23-Sep-04	267	13.33	-0.22	6.92	6.03	6.63	0.70
24-Sep-04	268	6.33	-0.03	4.65	1.30	5.44	0.78
25-Sep-04	269	3.46	-1.03	3.36	0.86		
26-Sep-04	270	11.12	-0.35	3.42	7.75	4.09	5.84
27-Sep-04	271	14.50	0.26	5.19	8.60	5.73	3.79
28-Sep-04	272	6.50	-0.33	2.74	3.86	3.12	1.83
29-Sep-04	273	1.78	-1.10	1.20	1.58		
30-Sep-04	274	13.60	-0.20	3.50	10.00		
1-Oct-04	275	13.33	0.02	4.41	8.54	5.22	4.39
2-Oct-04	276	11.29	0.37	4.04	6.56	4.50	2.34
3-Oct-04	277	11.35	0.27	4.94	5.71	5.27	2.31
4-Oct-04	278	9.28	0.48	4.55	3.88	4.99	1.93
5-Oct-04	279	1.24		3.73			
6-Oct-04	280	8.25	-0.05	5.14	2.74	5.10	1.63
7-Oct-04	281	9.67	-0.20	5.23	4.17	5.63	1.26
8-Oct-04	282	8.59	-0.15	4.99	3.31		
9-Oct-04	283	9.43	-0.18	5.86	3.23		
10-Oct-04	284	10.04	0.16	4.97	4.49		
11-Oct-04	285	8.92	-0.73	2.42	7.06		
12-Oct-04	286	9.94	-0.18	4.48	5.25	4.65	3.79
13-Oct-04	287	8.32	-0.99	2.36	6.81		
14-Oct-04	288	9.64	-0.16	4.01	5.45	4.05	3.77
15-Oct-04	289	9.46	0.29	3.55	5.34		
16-Oct-04	290	7.63	0.10	2.53	4.81		
17-Oct-04	291	5.77	-0.18	1.92	3.91		
18-Oct-04	292	5.58	-0.30	2.21	3.52		
19-Oct-04	293	8.13	0.08	3.87	3.85		
20-Oct-04	294	8.31	0.08	3.76	4.17		
21-Oct-04	295	4.39	0.12	1.22	2.99		
22-Oct-04	296	7.62	-0.37	4.24	3.44		
23-Oct-04	297	7.42	-0.48	5.34	2.09		
24-Oct-04	298	8.00	0.19	4.42	3.01		
25-Oct-04	299	2.00	-0.48	0.59	1.85		
26-Oct-04	300	7.71	0.55	3.25	3.63		
27-Oct-04	301	6.92	-0.55	2.03	5.28		
28-Oct-04	302	7.54	0.12	1.52	5.90		
29-Oct-04	303	7.36	-0.61	3.80	3.88		
30-Oct-04	304	7.55	0.06	4.20	2.93		
31-Oct-04	305	7.45	0.02	3.99	3.13		
1-Nov-04	306	6.17	-1.19	2.53	4.64		
2-Nov-04	307	6.36	-0.51	4.41	2.09		
3-Nov-04	308	6.67	-0.45	5.06	1.60		
4-Nov-04	309	6.49	-0.02	4.10	2.06		
5-Nov-04	310	6.60	0.05	4.14	2.05		
6-Nov-04	311	3.76	-0.30	2.22	1.64		



Date	DOY	T_Rn (MJ/m <sup>2</sup> )	T_G (MJ/m <sup>2</sup> )	T_H_OP (MJ/m <sup>2</sup> )	T_LE_OP (MJ/m <sup>2</sup> )	T_H_3D (MJ/m <sup>2</sup> )	T_LE_3D (MJ/m <sup>2</sup> )
7-Nov-04	312	5.03	0.42	1.83	2.62		
8-Nov-04	313	6.16	0.33	3.65	1.86		
9-Nov-04	314	6.66	-0.13	3.47	3.06		
10-Nov-04	315	6.18	-0.39	3.63	2.61		
11-Nov-04	316	5.65	-0.22	3.53	2.08		
12-Nov-04	317	4.78	-0.10	2.47	2.24		
13-Nov-04	318	0.87	-1.62	-0.23	2.76		
14-Nov-04	319	2.54	-0.74	-0.42	3.80		
15-Nov-04	320	1.96	0.12	-0.45	2.36		
16-Nov-04	321	3.08	-0.12	0.58	2.54		
17-Nov-04	322	7.45	0.20	2.78	4.23		
18-Nov-04	323	6.44	-0.14	2.35	4.02		
19-Nov-04	324	7.35	-0.10	2.38	4.87		
20-Nov-04	325	5.52	-0.40	2.28	3.46		
21-Nov-04	326	2.76	-0.27	1.03	1.93		
22-Nov-04	327	2.48	-0.29	0.24	2.56		
23-Nov-04	328	1.87	-0.82	0.12	2.56		
24-Nov-04	329	5.82	-0.32	2.34	3.67		
25-Nov-04	330	6.42	-0.16	2.48	3.85		
26-Nov-04	331	5.48	0.06	1.50	4.05		
27-Nov-04	332	5.03	0.31	1.32	3.16		
28-Nov-04	333	2.77	-0.15	0.02	3.02		
29-Nov-04	334	2.71	-1.39	2.14	1.83		
30-Nov-04	335	4.05	-0.75	3.79	0.67		
1-Dec-04	336	4.45	-0.52	3.60	1.06		
2-Dec-04	337	4.48	-0.37	3.58	0.95		
3-Dec-04	338	4.80	-0.12	2.90	1.76		
4-Dec-04	339	2.39	0.17	0.67	1.50		
5-Dec-04	340	5.97	0.01	2.58	3.17		
6-Dec-04	341	3.45	-0.33	0.94	2.79		
7-Dec-04	342	4.47	-0.17	1.98	2.52		
8-Dec-04	343	5.44	-0.15	2.17	3.24		
9-Dec-04	344	5.36	0.04	2.06	3.10		
10-Dec-04	345	4.95	0.01	2.45	2.30		
11-Dec-04	346	5.39	-0.10	2.42	2.86		
12-Dec-04	347	5.26	-0.02	2.48	2.58		
13-Dec-04	348	4.49	-0.12	2.03	2.45		
14-Dec-04	349	4.27	-0.65	3.51	1.09		
15-Dec-04	350	4.39	-0.27	3.13	1.24		
16-Dec-04	351	2.85	-0.02	0.60	2.31		
17-Dec-04	352	3.97	-0.43	2.56	1.63		
18-Dec-04	353	4.30	-0.35	2.66	1.75		
19-Dec-04	354	4.18	-0.24	2.34	1.88		
20-Dec-04	355	4.40	-0.14	2.77	1.53		
21-Dec-04	356	2.87	0.35	1.10	1.34		
22-Dec-04	357	5.07	-0.58	3.63	1.70		
23-Dec-04	358	2.10	-0.74	1.47	1.27		
24-Dec-04	359	3.59	-0.63	2.84	1.17		
25-Dec-04	360	4.51	-0.28	3.65	0.83		

Date	DOY	T_Rn (MJ/m <sup>2</sup> )	T_G (MJ/m <sup>2</sup> )	T_H_OP (MJ/m <sup>2</sup> )	T_LE_OP (MJ/m <sup>2</sup> )	T_H_3D (MJ/m <sup>2</sup> )	T_LE_3D (MJ/m <sup>2</sup> )
26-Dec-04	361	4.32	-0.14	2.50	1.73		
27-Dec-04	362	4.65	0.31	2.58	1.54		
28-Dec-04	363	5.25	0.51	2.67	1.84		
29-Dec-04	364	4.64	0.98	1.59	1.98		
30-Dec-04	365	4.55	-0.03	2.01	2.45		
31-Dec-04	366	4.06	-0.11	2.16	1.83		

**Appendix C: DAILY FLUX DATA MEASURED USING OPEC SYSTEM AND  
3D-SEC SYSTEM AT THE NON-TREATED SITE IN THE YEAR  
2005**

<b>North Lake Saltcedar (NLSC)</b> (Non-treated site) Located in Monticello Canyon Sierra County, New Mexico <b>Latitude: N 33° 18' 57.18"</b> <b>Longitude: W 107° 10' 22.32"</b> <b>Elevation: 1334 m</b>							
Date	DOY	NT_Rn (MJ/m <sup>2</sup> )	NT_G (MJ/m <sup>2</sup> )	NT_H_OP (MJ/m <sup>2</sup> )	NT_LE_OP (MJ/m <sup>2</sup> )	NT_H_3D (MJ/m <sup>2</sup> )	NT_LE_3D (MJ/m <sup>2</sup> )
1-Jan-05	1	4.67	0.19	2.97	1.58		
2-Jan-05	2	0.96	0.03				
3-Jan-05	3	3.94	0.64	0.97	2.30		
4-Jan-05	4	1.16	-0.56	-1.96	3.68		
5-Jan-05	5	4.33	-1.63	3.49	2.47		
6-Jan-05	6	4.85	-0.69	3.05	2.48		
7-Jan-05	7	4.47	-0.48	2.87	2.09		
8-Jan-05	8	5.62	0.24	2.84	2.53		
9-Jan-05	9	2.98	0.24				
10-Jan-05	10	6.35	0.49	3.17	2.69		
11-Jan-05	11	3.33	0.37	0.47	2.48		
12-Jan-05	12	2.21	-1.49	1.85	1.84		
13-Jan-05	13	5.01	-0.83	4.23	1.61		
14-Jan-05	14	4.11	-0.37	3.51	0.97		
15-Jan-05	15	5.74	-0.29	4.48	1.55		
16-Jan-05	16	5.56	-0.20				
17-Jan-05	17	5.67	-0.11	4.14	1.66		
18-Jan-05	18	5.92	-0.11	4.11	1.75		
19-Jan-05	19	5.97	0.04	4.30	1.60		
20-Jan-05	20	4.96	0.24	2.63	2.11		
21-Jan-05	21	1.86	-0.22	0.85	1.23		
22-Jan-05	22	2.81	0.27	0.92	1.63		
23-Jan-05	23	6.66	0.10	4.55	2.01		
24-Jan-05	24	6.10	0.09	4.54	1.46		
25-Jan-05	25	6.16	0.13	4.17	1.78		
26-Jan-05	26	1.95	0.03	0.49	1.44		
27-Jan-05	27	4.88	-0.31				
28-Jan-05	28	6.64	-0.37	4.21	2.80		
29-Jan-05	29	8.00	-0.10	4.41	3.70		
30-Jan-05	30	4.82	-0.78	3.62	1.99		
31-Jan-05	31	3.13	-0.37	1.40	2.10		
1-Feb-05	32	4.54	-0.37	3.37	1.54		
2-Feb-05	33	3.94	-0.87	3.20	1.60		
3-Feb-05	34	7.07	-0.67	5.45	1.92		
4-Feb-05	35	3.98	0.32	2.07	1.57		
5-Feb-05	36	2.43	0.09	0.83	1.51		

Date	DOY	NT_Rn (MJ/m <sup>2</sup> )	NT_G (MJ/m <sup>2</sup> )	NT_H_OP (MJ/m <sup>2</sup> )	NT_LE_OP (MJ/m <sup>2</sup> )	NT_H_3D (MJ/m <sup>2</sup> )	NT_LE_3D (MJ/m <sup>2</sup> )
6-Feb-05	37	6.06	-0.06	2.68	3.44		
7-Feb-05	38	8.29	0.50	4.16	3.63		
8-Feb-05	39	8.34	0.15	5.27	2.92		
9-Feb-05	40	6.18	-0.42	4.16	2.41		
10-Feb-05	41	2.68	-0.02	0.84	1.86		
11-Feb-05	42	1.19	0.38				
12-Feb-05	43	3.40	0.29	0.31	2.80		
13-Feb-05	44	8.35	0.26	4.45	3.63		
14-Feb-05	45	7.14	0.37	4.03	2.63		
15-Feb-05	46	6.10	0.37	2.33	3.40		
16-Feb-05	47	3.74	0.09	1.84	1.81		
17-Feb-05	48	2.21	-0.16	0.52	1.85		
18-Feb-05	49	5.97	0.76	2.75	2.45		
19-Feb-05	50	7.01	-0.66	3.32	4.34		
20-Feb-05	51	8.13	0.01	5.21	2.90		
21-Feb-05	52	8.24	0.36	5.64	2.24		
22-Feb-05	53	7.80	0.32	4.36	3.12		
23-Feb-05	54	10.12	-0.30	5.68	4.74		
24-Feb-05	55	2.96	-1.85	0.22	4.59		
25-Feb-05	56	6.10	0.36	3.46	2.28		
26-Feb-05	57						
27-Feb-05	58						
28-Feb-05	59						
1-Mar-05	60						
2-Mar-05	61						
3-Mar-05	62						
4-Mar-05	63						
5-Mar-05	64						
6-Mar-05	65	7.40		1.83		1.61	
7-Mar-05	66	12.91		5.87		5.65	
8-Mar-05	67	11.90	0.53	6.19	5.17	4.85	3.56
9-Mar-05	68	11.38	0.21	6.51	4.66	6.06	2.85
10-Mar-05	69	11.66	0.50	7.20	3.93	6.36	3.25
11-Mar-05	70	11.38	1.02	6.65	3.61	6.90	2.81
12-Mar-05	71	11.48	0.86	5.26	5.37	5.15	4.78
13-Mar-05	72	9.93	-0.03	6.12	3.84	5.11	2.70
14-Mar-05	73	7.83	-0.52	5.15	3.16	5.19	2.15
15-Mar-05	74	8.09	-2.04	5.45	4.69	7.04	
16-Mar-05	75	12.06	0.43	8.41	2.91	7.96	
17-Mar-05	76	11.24	0.45	6.28	4.52	6.84	2.78
18-Mar-05	77	9.38	0.22	6.20	2.96	5.46	2.33
19-Mar-05	78	8.98	0.33	6.41	2.24	5.97	1.93
20-Mar-05	79	8.06	0.11	4.26	3.70	5.28	1.57
21-Mar-05	80	9.83	-0.07	6.20	3.70	5.45	1.97
22-Mar-05	81	12.32	0.45	8.07	3.79	6.96	3.54
23-Mar-05	82	12.48	0.29	7.45	4.76	8.34	2.73
24-Mar-05	83	10.17	-0.05	7.55	2.67	7.30	1.82
25-Mar-05	84	11.06	0.15	7.55	3.36	7.74	2.14
26-Mar-05	85	7.53	-0.65	5.86	2.32	4.60	2.13

Date	DOY	NT_Rn (MJ/m <sup>2</sup> )	NT_G (MJ/m <sup>2</sup> )	NT_H_OP (MJ/m <sup>2</sup> )	NT_LE_OP (MJ/m <sup>2</sup> )	NT_H_3D (MJ/m <sup>2</sup> )	NT_LE_3D (MJ/m <sup>2</sup> )
27-Mar-05	86	13.77	0.68	10.41	2.69	9.70	
28-Mar-05	87	10.49	0.79	5.16	4.55	5.57	3.50
29-Mar-05	88	12.66	0.11	6.76	5.79	8.71	2.67
30-Mar-05	89	12.69	0.06	7.67	4.97	8.87	2.16
31-Mar-05	90	12.06	-0.26	9.06	3.25	8.37	2.22
1-Apr-05	91	13.88	0.26	10.81	2.81	9.22	
2-Apr-05	92	14.44	0.75	9.39	4.30	9.47	2.57
3-Apr-05	93	4.58	-0.08	2.03	2.64	2.54	1.65
4-Apr-05	94	11.84	0.90	5.43	5.52	6.79	3.58
5-Apr-05	95	14.97	0.28	8.02	6.67	7.94	2.10
6-Apr-05	96	13.38	0.56	8.72	4.10	7.72	2.34
7-Apr-05	97	13.38	0.88	8.72	3.77	8.60	2.75
8-Apr-05	98	10.92	0.29	7.80	2.84	8.18	2.74
9-Apr-05	99	10.63	0.02	8.62	1.99	9.92	3.11
10-Apr-05	100	4.02	-0.56	3.86	0.73	3.61	1.34
11-Apr-05	101	13.69	0.82	9.30	3.57	8.69	2.54
12-Apr-05	102	14.33	0.75	10.58	3.00	8.29	2.70
13-Apr-05	103	15.19	0.96	8.98	5.25	8.18	2.64
14-Apr-05	104	13.07	1.16	8.78	3.13	8.12	3.26
15-Apr-05	105	12.52	0.99	8.38	3.15	8.32	2.94
16-Apr-05	106	5.90	-0.23	2.88	3.09	3.44	3.13
17-Apr-05	107	7.63	-0.10	4.13	3.60	3.86	6.19
18-Apr-05	108	13.44	0.74	7.41	5.24	7.75	4.99
19-Apr-05	109	12.20	0.74	5.90	5.56	7.29	6.05
20-Apr-05	110	12.59	0.61	7.16	4.81	7.74	4.98
21-Apr-05	111	13.41	0.53	8.05	4.83	7.20	5.14
22-Apr-05	112	11.99	0.94	5.52	5.54	5.92	4.35
23-Apr-05	113	13.36	0.84	8.02	4.39	8.19	4.38
24-Apr-05	114	9.86	-0.41	4.22	6.05	4.59	4.49
25-Apr-05	115	15.33	0.04	8.57	6.72	6.65	5.08
26-Apr-05	116	12.57	0.39	6.03	6.18	6.24	5.43
27-Apr-05	117	15.38	0.77	7.16	7.46	7.72	6.26
28-Apr-05	118	15.17	0.73	6.58	7.86	6.90	6.81
29-Apr-05	119	10.12	-0.49	5.36	5.25	4.60	4.11
30-Apr-05	120	16.37	0.97	7.79	7.62	8.38	6.71
1-May-05	121	12.57	0.75	3.83	7.99	4.23	6.50
2-May-05	122	15.01	0.57	6.12	8.32	5.58	5.22
3-May-05	123	13.62	0.34	4.50	8.78	5.50	6.10
4-May-05	124	17.28	1.27	5.60	10.42	5.97	8.54
5-May-05	125	10.86	0.29	-0.98	11.55	0.07	8.86
6-May-05	126	11.88	0.11	-1.21	11.29	-0.66	14.23
7-May-05	127	10.64	-0.21	-0.06	10.91	-0.45	12.02
8-May-05	128	16.57	1.55	-0.15	15.17	0.05	12.87
9-May-05	129	16.55	1.17	-1.18	16.56	-1.19	14.84
10-May-05	130	15.87	1.14	-2.12	16.85	-1.57	18.04
11-May-05	131	15.52	-0.28	-0.91	16.71	-0.94	17.34

**Appendix D: DAILY FLUX DATA MEASURED USING OPEC SYSTEM AND  
3D-SEC SYSTEM AT THE TREATED SITE IN THE YEAR 2005**

<b>North Lake Treated Saltcedar (NLTSC)</b> (Treated site) <b>Located in Monticello Canyon</b> <b>Sierra County, New Mexico</b> <b>Latitude: N 33° 18' 16"</b> <b>Longitude: W 107° 12' 39"</b> <b>Elevation: 1352 m</b>							
Date	DOY	T_Rn (MJ/m <sup>2</sup> )	T_G (MJ/m <sup>2</sup> )	T_H_OP (MJ/m <sup>2</sup> )	T_LE_OP (MJ/m <sup>2</sup> )	T_H_3D (MJ/m <sup>2</sup> )	T_LE_3D (MJ/m <sup>2</sup> )
1-Jan-05	1	4.17	0.24	2.08	1.94		
2-Jan-05	2	0.84	-0.10				
3-Jan-05	3	4.08	0.40	0.95	2.73		
4-Jan-05	4	1.49	-0.46	-1.83	3.77		
5-Jan-05	5	4.69	-1.05	1.97	3.77		
6-Jan-05	6	5.08	-0.50	2.39	3.20		
7-Jan-05	7	4.40	-0.31	3.10	1.61		
8-Jan-05	8	5.65	0.21	1.59	3.85		
9-Jan-05	9	3.04	0.20	0.72	2.12		
10-Jan-05	10	6.64	0.46	2.33	3.84		
11-Jan-05	11	3.76	0.29	-0.39	3.86		
12-Jan-05	12	2.69	-0.93	1.08	2.55		
13-Jan-05	13	4.85	-0.52	3.33	2.07		
14-Jan-05	14	4.12	-0.27	2.43	1.98		
15-Jan-05	15	5.96	-0.17	3.53	2.60		
16-Jan-05	16	5.41	-0.04	3.48	1.97		
17-Jan-05	17	5.68	0.01	3.41	2.30		
18-Jan-05	18	5.75	0.03	3.16	2.55		
19-Jan-05	19	6.03	0.11	3.20	2.72		
20-Jan-05	20	4.90	0.20	2.36	2.34		
21-Jan-05	21	1.61	-0.20	0.74	1.07		
22-Jan-05	22	3.47	0.22	1.18	2.07		
23-Jan-05	23	6.90	0.17	4.17	2.56		
24-Jan-05	24	5.93	0.10	3.40	2.46		
25-Jan-05	25	6.20	0.20	2.86	3.14		
26-Jan-05	26	1.88	-0.14				
27-Jan-05	27	5.77	-0.28				
28-Jan-05	28	7.22	-0.29	3.77	3.74		
29-Jan-05	29	7.27	-0.03	3.59	3.71		
30-Jan-05	30	4.65	-0.51	2.94	2.22		
31-Jan-05	31	4.13	-0.36	1.98	2.50		
1-Feb-05	32	5.18	-0.17	2.85	2.50		
2-Feb-05	33	4.04	-0.61	2.69	1.96		
3-Feb-05	34	7.19	-0.04	5.01	2.21		
4-Feb-05	35	3.89	0.19	1.81	1.88		
5-Feb-05	36	2.44					

Date	DOY	T_Rn (MJ/m <sup>2</sup> )	T_G (MJ/m <sup>2</sup> )	T_H_OP (MJ/m <sup>2</sup> )	T_LE_OP (MJ/m <sup>2</sup> )	T_H_3D (MJ/m <sup>2</sup> )	T_LE_3D (MJ/m <sup>2</sup> )
6-Feb-05	37	6.49	-0.05	2.41	4.12		
7-Feb-05	38	8.85	0.40	3.52	4.93		
8-Feb-05	39	8.10	0.22	4.64	3.23		
9-Feb-05	40	6.10	-0.25	3.73	2.61		
10-Feb-05	41	2.71	-0.12				
11-Feb-05	42	1.19	0.16				
12-Feb-05	43	3.95	0.14	-0.02	3.83		
13-Feb-05	44	8.90	0.26	1.51	7.13		
14-Feb-05	45	7.03	0.20	2.41	4.42		
15-Feb-05	46	6.41	0.24	1.48	4.69		
16-Feb-05	47	4.37	0.05	1.30	3.03		
17-Feb-05	48	2.35	-0.24	0.24	2.36		
18-Feb-05	49	6.76	0.48	2.22	4.07		
19-Feb-05	50	6.87	-0.30	2.89	4.28		
20-Feb-05	51	7.47	0.01	3.76	3.71		
21-Feb-05	52	8.23	0.29	4.52	3.41		
22-Feb-05	53	6.94	0.26	3.28	3.40		
23-Feb-05	54	10.14	-0.10	4.59	5.65		
24-Feb-05	55	3.04	-1.62	0.19	4.47		
25-Feb-05	56	6.14	0.10	2.05	3.98		
26-Feb-05	57	9.47	0.02	4.31	5.14		
27-Feb-05	58	8.74	-0.13	3.34	5.53		
28-Feb-05	59	10.57	0.24	3.99	6.34		
1-Mar-05	60	10.03	0.16	4.90	4.96		
2-Mar-05	61	9.77	0.18	3.79	5.81		
3-Mar-05	62	7.60	0.16	3.86	3.58		
4-Mar-05	63	8.64	0.15	5.21	3.28		
5-Mar-05	64						
6-Mar-05	65						
7-Mar-05	66						
8-Mar-05	67	12.35	0.40	3.08	8.87		
9-Mar-05	68	11.20	0.32	4.11	6.77		
10-Mar-05	69	11.27	0.52	4.96	5.79		
11-Mar-05	70	10.96	0.77	5.11	4.90		
12-Mar-05	71	11.10	0.66	4.06	6.38		
13-Mar-05	72	9.15	0.16	3.68	5.31		
14-Mar-05	73	8.99	-0.42	3.43	5.97		
15-Mar-05	74	9.89	-1.74	4.90	6.73		
16-Mar-05	75	15.27	0.25	6.52	8.50		
17-Mar-05	76	11.34	0.34	5.29	5.71		
18-Mar-05	77	8.00	0.26	4.68	3.01		
19-Mar-05	78	9.01	0.11	5.14	3.76		
20-Mar-05	79	11.20	0.01	4.39	6.80		
21-Mar-05	80	9.18	-0.12	5.05	4.25		
22-Mar-05	81	14.18	0.36	6.42	7.40		
23-Mar-05	82	14.19	0.22	6.88	7.10		
24-Mar-05	83	11.70	-0.06	6.67	5.09		
25-Mar-05	84	12.36	-0.04	6.86	5.54		
26-Mar-05	85	5.73	-0.68	4.74	1.67		

Date	DOY	T_Rn (MJ/m <sup>2</sup> )	T_G (MJ/m <sup>2</sup> )	T_H_OP (MJ/m <sup>2</sup> )	T_LE_OP (MJ/m <sup>2</sup> )	T_H_3D (MJ/m <sup>2</sup> )	T_LE_3D (MJ/m <sup>2</sup> )
27-Mar-05	86	15.51	0.42	8.11	6.93		
28-Mar-05	87	10.34	0.45	4.79	5.09		
29-Mar-05	88	12.78	0.07	6.94	5.77		
30-Mar-05	89	12.76	-0.01	7.32	5.44		
31-Mar-05	90	11.30	-0.39	6.61	5.08		
1-Apr-05	91	13.24	-0.01	8.21	5.05		
2-Apr-05	92	13.59	0.34	8.78	4.47		
3-Apr-05	93	4.28	-0.20	1.77	2.72		
4-Apr-05	94	11.34	0.54	4.49	6.31		
5-Apr-05	95	13.37	0.06	8.40	4.90		
6-Apr-05	96	13.40	0.18	8.12	5.10		
7-Apr-05	97	14.17	0.36	8.37	5.44		
8-Apr-05	98	12.48	0.02	7.21	5.25		
9-Apr-05	99	13.30	-0.24	8.50	5.05		
10-Apr-05	100	6.25	-0.67	4.86	2.06		
11-Apr-05	101	14.25	0.36	9.16	4.73		
12-Apr-05	102	14.08	0.24	8.01	5.83		
13-Apr-05	103	14.50	0.38	8.09	6.04		
14-Apr-05	104	14.51	0.62	8.16	5.72		
15-Apr-05	105	14.11	0.44	7.88	5.79		
16-Apr-05	106	8.89	-0.49	4.16	5.14		
17-Apr-05	107	9.36	0.14	3.15	5.04		
18-Apr-05	108	16.31	0.33	6.81	9.17		
19-Apr-05	109	15.32	0.30	6.88	8.14		
20-Apr-05	110	14.96	0.17	7.59	7.20		
21-Apr-05	111	15.16	0.01	7.96	7.18		
22-Apr-05	112	12.36	0.54	7.33	4.48		
23-Apr-05	113	15.32	0.34	8.16	6.83		
24-Apr-05	114	12.14	-0.47	5.48	7.05		
25-Apr-05	115	12.99	0.03	8.63	4.21		
26-Apr-05	116	11.58	-0.08	5.51	6.15		
27-Apr-05	117	14.83	0.33	7.87	6.63		
28-Apr-05	118	14.00	0.29	8.59	5.12		
29-Apr-05	119	7.94	-0.69	7.26	1.37		
30-Apr-05	120	15.80	0.33	8.82	6.65		
1-May-05	121	10.16	0.30	5.80	4.06		
2-May-05	122	13.17	0.03	8.27	4.87		
3-May-05	123	9.63	-0.24	7.50	2.37		
4-May-05	124	14.74	0.69	8.93	5.12		
5-May-05	125	10.25	0.04	5.61	4.60		
6-May-05	126	10.22	-0.13	7.91	2.44		
7-May-05	127	10.04	-0.23	6.07	4.19		
8-May-05	128	15.26	0.46	7.33	7.46		
9-May-05	129	15.33	0.32	7.60	7.41		
10-May-05	130	15.04	0.28	8.60	6.16		
11-May-05	131	15.21	-0.30	10.45	5.07		
12-May-05	132	10.71	0.10	7.58	3.03		
13-May-05	133	14.27	0.09	8.01	6.17		
14-May-05	134	13.28	0.50	7.44	5.34		



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15-May-05	135	8.88	-0.79	4.57	4.95		
16-May-05	136	17.66	0.24	5.28	12.14		
17-May-05	137	11.96	0.15	4.82	6.99		
18-May-05	138	13.69	0.65	5.22	7.82		
19-May-05	139	15.77	0.66	6.58	8.53		
20-May-05	140	15.32	0.59	6.96	7.78		
21-May-05	141	14.96	0.73	6.51	7.72		
22-May-05	142	10.43	0.52	5.17	4.73		
23-May-05	143	6.42	-0.13	4.62	1.93		
24-May-05	144	10.02	0.52	6.08	3.41		
25-May-05	145	10.45	0.02	5.03	5.40		
26-May-05	146	10.17		6.29			
27-May-05	147	13.05	-0.13	7.39	5.78		
28-May-05	148	9.97	-0.26	6.15	4.07		
29-May-05	149	6.30	-0.64	3.17	3.78		
30-May-05	150	11.98	0.68	7.23	4.07		
31-May-05	151	12.18	0.27	7.68	4.23		
1-Jun-05	152	12.36	0.45	8.06	3.86		
2-Jun-05	153	9.15	-0.20	5.82	3.53		
3-Jun-05	154	11.59	0.05	8.72	2.82		
4-Jun-05	155	14.92	0.06	7.96	6.90		
5-Jun-05	156	15.74	-0.04	9.40	6.39		
6-Jun-05	157	12.91	0.01	9.02	3.88		
7-Jun-05	158	13.06	0.12	8.70	4.23		
8-Jun-05	159	13.80	-0.04	8.27	5.57		
9-Jun-05	160	14.61	-0.03	8.69	5.96		
10-Jun-05	161	14.95	0.31	9.37	5.27		
11-Jun-05	162	15.73	-0.05	9.07	6.71		
12-Jun-05	163	13.76	0.19	7.86	5.70		
13-Jun-05	164	15.45	0.21	7.71	7.53		
14-Jun-05	165	15.31	0.57	8.16	6.58		
15-Jun-05	166	14.17	0.18	7.99	6.00		
16-Jun-05	167	14.43	0.25	7.87	6.31		
17-Jun-05	168	15.09	-0.03	8.33	6.79		
18-Jun-05	169	14.80	0.17	7.68	6.95		
19-Jun-05	170	13.85	0.47	5.96	7.42		
20-Jun-05	171	14.58	0.46	8.01	6.13		
21-Jun-05	172	15.04	0.39	9.25	5.40		
22-Jun-05	173	15.24	-0.01	9.87	5.39		
23-Jun-05	174	14.52	0.34	7.77	6.41		
24-Jun-05	175	13.82	0.33	7.54	5.95		
25-Jun-05	176	11.61	0.29	5.39	5.92		
26-Jun-05	177	14.43	0.03	8.97	5.42		
27-Jun-05	178	13.63	0.40	7.30	5.93		
28-Jun-05	179	13.80	0.13	8.81	4.86		
29-Jun-05	180	14.02	0.44	8.04	5.55		
30-Jun-05	181	13.34	0.33	7.29	5.72		
1-Jul-05	182	9.99		4.85			
2-Jul-05	183	13.19	0.34	5.49	7.36		

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3-Jul-05	184	13.33	0.51	6.97	5.86		
4-Jul-05	185	14.47	0.11	7.02	7.35		
5-Jul-05	186	14.07	0.12	8.19	5.76		
6-Jul-05	187	13.92	0.29	7.46	6.17		
7-Jul-05	188	14.13	0.27	7.14	6.72		
8-Jul-05	189	10.02	0.02	5.63	4.37		
9-Jul-05	190	13.90	0.32	7.76	5.83		
10-Jul-05	191	11.97	0.05	6.37	5.55		
11-Jul-05	192	14.44	0.51	7.77	6.17		
12-Jul-05	193	13.61	0.33	7.82	5.46		
13-Jul-05	194	13.45	-0.06	6.15	6.98		
14-Jul-05	195	16.00	0.23	8.25	7.51		
15-Jul-05	196	14.93	0.50	7.86	6.57		
16-Jul-05	197	13.19	-0.15	7.45	5.76		
17-Jul-05	198	13.40	0.45	7.40	5.55		
18-Jul-05	199	15.70	0.50	8.63	6.57		
19-Jul-05	200	14.39	-0.14	8.80	5.73		
20-Jul-05	201	16.10	0.40	9.68	6.02		
21-Jul-05	202	15.92	0.11	10.54	5.27		
22-Jul-05	203	10.58	-0.05	6.35	4.28		
23-Jul-05	204	13.31	0.18	8.13	5.00		
24-Jul-05	205	10.30	-0.51	2.65	8.16		
25-Jul-05	206	11.66	-0.16	4.59	7.08		
26-Jul-05	207	12.28	0.22	5.54	6.39		
27-Jul-05	208	14.05	0.10	7.12	6.83		
28-Jul-05	209	15.33	0.25	8.89	6.18		
29-Jul-05	210	15.36	0.24	9.03	6.09		
30-Jul-05	211	13.87	-0.12	7.66	6.34		
31-Jul-05	212	14.41	0.44	8.81	5.16		
1-Aug-05	213	15.20	0.16	9.46	5.58		
2-Aug-05	214	14.98	0.26	9.83	4.88		
3-Aug-05	215	14.96	0.14	8.90	5.92		
4-Aug-05	216	12.77	-0.09	7.06	5.81		
5-Aug-05	217	11.21	-0.35	5.62	5.94		
6-Aug-05	218	14.44	0.39	8.38	5.67		
7-Aug-05	219	10.15	-0.62	5.42	5.35		
8-Aug-05	220	12.32	0.11	6.30	5.91		
9-Aug-05	221	13.22	0.01	6.13	7.08		
10-Aug-05	222	15.89	0.47	9.35	6.06		
11-Aug-05	223	14.13	0.27	7.90	5.96		
12-Aug-05	224	10.96	-0.69				
13-Aug-05	225	14.38	-0.42	4.53	10.26		
14-Aug-05	226	7.47	-0.77	1.44	6.81		
15-Aug-05	227	14.72	0.29	6.12	8.31		
16-Aug-05	228	15.88	0.27	8.38	7.24		
17-Aug-05	229	9.23	-0.01	4.72	4.53		
18-Aug-05	230	8.99	-0.28	5.23	4.05		
19-Aug-05	231	7.10	0.01	3.62	3.47		
20-Aug-05	232	9.82	-0.34	5.53	4.64		

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21-Aug-05	233	15.63	0.49	8.79	6.35		
22-Aug-05	234	14.79	0.02	8.75	6.03		
23-Aug-05	235	9.43	-0.14	5.24	4.33		
24-Aug-05	236	14.10	0.12	8.91	5.06		
25-Aug-05	237	13.23	0.23	7.24	5.75		
26-Aug-05	238	14.05	0.31	7.19	6.54		
27-Aug-05	239	14.59		7.54			
28-Aug-05	240	11.80		5.73			
29-Aug-05	241	14.01		7.97			
30-Aug-05	242	11.43		6.06			
31-Aug-05	243	12.12		7.26			
1-Sep-05	244	6.42		4.74			
2-Sep-05	245	12.59		5.07			
3-Sep-05	246	10.16		6.97			
4-Sep-05	247	11.94		7.35			
5-Sep-05	248	13.97		3.51			
6-Sep-05	249	9.43		3.51			
7-Sep-05	250	7.50		2.52			
8-Sep-05	251	13.66		6.62			
9-Sep-05	252	12.94		6.17			
10-Sep-05	253	13.05		6.70			
11-Sep-05	254	11.05		6.94			
12-Sep-05	255	9.82		6.07			
13-Sep-05	256	10.18		7.44			
14-Sep-05	257	10.75		6.27			
15-Sep-05	258	10.62		6.65			
16-Sep-05	259	11.15		6.48			
17-Sep-05	260	9.19		5.25			
18-Sep-05	261	9.62		6.09			
19-Sep-05	262	7.25		4.27			
20-Sep-05	263	10.58		6.29			
21-Sep-05	264	10.32		6.48			
22-Sep-05	265	8.71		5.35			
23-Sep-05	266	8.57		5.70			
24-Sep-05	267	9.28		5.68			
25-Sep-05	268	9.75	1.18	6.72	1.85		
26-Sep-05	269	9.68	0.72	5.99	2.98		
27-Sep-05	270	9.95	0.52	6.90	2.52		
28-Sep-05	271	6.40	0.10	4.00	2.30		
29-Sep-05	272	9.98	-0.29	5.45	4.82		
30-Sep-05	273	10.06	0.12	6.27	3.67		
1-Oct-05	274	9.45	0.47	6.30	2.68		
2-Oct-05	275	4.45	-0.15	3.31	1.28		
3-Oct-05	276	6.00	0.40	3.57	2.03		
4-Oct-05	277	9.72	-0.13	4.75	5.10		
5-Oct-05	278	9.42	0.34	4.20	4.87		
6-Oct-05	279	3.86	-3.25	0.06	7.05		
7-Oct-05	280	5.98	-0.27	2.89	3.36		
8-Oct-05	281	9.82	0.19	6.11	3.51		

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9-Oct-05	282	6.69	-1.82	0.61	7.90		
10-Oct-05	283	7.26	-0.54	2.43	5.37		
11-Oct-05	284	9.07	-0.29	5.72	3.64		
12-Oct-05	285	10.04	0.02	5.24	4.78		
13-Oct-05	286	6.13	-0.36	2.65	3.84		
14-Oct-05	287	9.72	0.67	5.67	3.38		
15-Oct-05	288	3.06	-1.89	0.35	4.60		
16-Oct-05	289	10.96	0.15	3.63	7.18		
17-Oct-05	290	10.21	0.46	4.20	5.54		
18-Oct-05	291	8.89	0.05	4.57	4.28		
19-Oct-05	292	9.46	0.02	4.98	4.46		
20-Oct-05	293	9.55	-0.22	5.14	4.63		
21-Oct-05	294	8.22	0.05	4.41	3.76		
22-Oct-05	295	6.50	0.17	5.03	1.29		
23-Oct-05	296	6.31	-0.44	4.22	2.53		
24-Oct-05	297	4.60	-0.83	4.21	1.22		
25-Oct-05	298	6.34	0.25	5.17	0.91		
26-Oct-05	299	6.64	-0.13	4.76	2.00		
27-Oct-05	300	6.20	0.25	4.60	1.35		
28-Oct-05	301	4.76	-0.13	4.66	0.23		
29-Oct-05	302	5.71	-0.27	4.49	1.49		
30-Oct-05	303	6.45	-0.13	4.24	2.35		
31-Oct-05	304	5.94	-0.75	4.24	2.46		
1-Nov-05	305	6.09	-0.54	5.10	1.53		
2-Nov-05	306	4.80	-0.17	4.12	0.85		
3-Nov-05	307	4.68	0.29	3.35	1.05		
4-Nov-05	308	5.81	0.09	3.56	2.16		
5-Nov-05	309	5.79	-0.36	3.64	2.51		
6-Nov-05	310	5.20	-0.03	4.07	1.17		
7-Nov-05	311	5.10	0.28	3.62	1.19		
8-Nov-05	312	3.12	-0.55	2.20	1.47		
9-Nov-05	313	4.37	0.14	2.78	1.46		
10-Nov-05	314	5.49	0.21	4.62	0.67		
11-Nov-05	315	5.19	0.14	2.84	2.21		
12-Nov-05	316	4.53	-0.32	3.17	1.68		
13-Nov-05	317	5.04	-0.48	4.21	1.31		
14-Nov-05	318	4.91	-0.19	3.04	2.06		
15-Nov-05	319	4.27	-0.49	2.55	2.21		
16-Nov-05	320	4.52	-1.14	4.23	1.42		
17-Nov-05	321	4.78	-0.58	4.07	1.29		
18-Nov-05	322	4.43	-0.31	3.29	1.45		
19-Nov-05	323	4.76	-0.75	4.05	1.46		
20-Nov-05	324	4.75	-0.62	4.57	0.80		
21-Nov-05	325	4.46	-0.51	4.30	0.67		
22-Nov-05	326	4.34	-0.35	3.29	1.40		
23-Nov-05	327	3.43	-0.29	2.88	0.84		
24-Nov-05	328	5.64	0.93	3.21	1.51		
25-Nov-05	329	4.31	-0.48	3.24	1.55		
26-Nov-05	330	2.56	0.08	1.28	1.19		

Date	DOY	T_Rn (MJ/m <sup>2</sup> )	T_G (MJ/m <sup>2</sup> )	T_H_OP (MJ/m <sup>2</sup> )	T_LE_OP (MJ/m <sup>2</sup> )	T_H_3D (MJ/m <sup>2</sup> )	T_LE_3D (MJ/m <sup>2</sup> )
27-Nov-05	331	5.58	-1.96	3.59	3.96		
28-Nov-05	332	3.47	-1.21	2.69	1.99		
29-Nov-05	333	4.42	-0.64	4.11	0.96		
30-Nov-05	334	4.13	0.35	2.69	1.09		
1-Dec-05	335	4.10	-0.02	3.13	0.99		
2-Dec-05	336	3.58	0.83	1.71	1.04		
3-Dec-05	337	3.87	-0.35	2.56	1.66		
4-Dec-05	338	3.21	-1.62	3.84	0.98		
5-Dec-05	339	3.07	-1.65	3.36	1.36		
6-Dec-05	340	3.57	-0.97	4.06	0.49		
7-Dec-05	341	3.13	-0.57	2.26	1.44		
8-Dec-05	342	3.70	-1.06	3.44	1.31		
9-Dec-05	343	3.57	-0.97	4.06	0.49		
10-Dec-05	344	3.13	-0.57	2.26	1.44		
11-Dec-05	345	3.70	-1.06	3.44	1.31		

**Appendix E: DAILY WEATHER DATA MEASURED AT THE NORTH LAKE  
WEATHER STATION IN THE YEAR 2004**

<b>North Lake Weather Station (NLWS)</b>								
<b>Sierra County, New Mexico</b>								
<b>Latitude : 33° 17' 50"</b>								
<b>Longitude : 107° 11' 38"</b>								
<b>Elevation : 1345 m</b>								
Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
1-Jan-04	1	16.19	0.51	77.30	27.37	13.90	0.00	2.43
2-Jan-04	2	19.11	0.58	94.00	16.83	13.89	0.00	3.19
3-Jan-04	3	18.94	-1.28	86.90	16.15	13.66	0.00	3.41
4-Jan-04	4	10.40	-3.70	52.30	13.63	13.47	0.00	2.68
5-Jan-04	5	9.36	-6.66	57.90	13.87	13.41	0.00	2.20
6-Jan-04	6	13.36	-5.92	42.82	9.44	14.20	0.00	1.70
7-Jan-04	7	12.97	-5.42	54.00	21.06	8.39	0.00	1.03
8-Jan-04	8	15.72	-1.07	65.72	26.37	11.30	0.00	1.59
9-Jan-04	9	17.50	-2.69	74.80	14.60	13.32	0.00	1.46
10-Jan-04	10	17.77	-4.27	70.10	14.50	13.21	0.00	1.39
11-Jan-04	11	14.10	-2.32	69.54	17.17	9.21	0.00	1.57
12-Jan-04	12	18.24	0.81	92.60	31.59	13.65	0.00	1.85
13-Jan-04	13	18.43	-0.37	87.00	20.30	13.86	0.00	1.40
14-Jan-04	14	10.57	1.63	92.00	27.70	3.66	0.25	1.60
15-Jan-04	15	7.87	4.78	99.00	91.10	2.62	3.81	1.25
16-Jan-04	16	13.59	2.90	100.00	41.79	11.64	0.00	1.42
17-Jan-04	17	9.56	2.66	80.80	47.31	6.63	0.00	3.47
18-Jan-04	18	13.46	0.61	89.60	33.32	14.68	0.00	1.62
19-Jan-04	19	14.91	-2.46	97.30	29.17	15.06	0.00	2.24
20-Jan-04	20	13.67	0.24	88.20	36.60	9.72	0.51	2.11
21-Jan-04	21	12.95	-0.74	96.80	35.85	12.48	0.00	2.24
22-Jan-04	22	14.97	0.51	86.70	23.58	13.73	0.00	2.00
23-Jan-04	23	17.16	-2.12	81.00	20.84	15.68	0.00	1.48
24-Jan-04	24	14.10	-1.18	79.00	28.03	11.93	0.00	2.48
25-Jan-04	25	12.82	2.67	83.00	26.04	11.17	0.00	3.37
26-Jan-04	26	8.62	-5.15	38.65	9.31	16.76	0.00	2.73
27-Jan-04	27	11.48	-6.62	47.28	13.70	15.98	0.00	1.36
28-Jan-04	28	12.72	-6.63	68.03	17.00	13.82	0.00	1.50
29-Jan-04	29	16.11	-4.71	70.50	18.31	16.67	0.00	1.66
30-Jan-04	30	16.99	-3.49	81.00	17.84	16.82	0.00	1.63
31-Jan-04	31	13.80	1.36	71.40	20.81	8.89	0.00	3.04
1-Feb-04	32	10.27	-1.88	85.90	8.87	16.47	0.00	4.59
2-Feb-04	33	12.65	-7.87	67.67	9.45	17.48	0.00	1.70
3-Feb-04	34	14.00	-4.51	67.33	18.32	10.63	0.00	2.86
4-Feb-04	35	9.70	-0.23	62.07	24.26	11.36	0.00	3.07

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
5-Feb-04	36	10.71	-3.26	72.90	23.35	14.48	0.00	3.12
6-Feb-04	37	10.90	-4.84	77.20	19.26	18.07	0.00	1.77
7-Feb-04	38	12.35	-6.16	61.88	15.62	17.94	0.00	2.21
8-Feb-04	39	14.81	-4.44	67.91	11.57	17.99	0.00	2.29
9-Feb-04	40	13.22	-3.53	55.22	13.66	18.99	0.00	1.85
10-Feb-04	41	14.47	-3.80	47.86	18.41	18.20	0.00	1.85
11-Feb-04	42	16.09	-5.05	77.40	12.34	18.82	0.00	2.53
12-Feb-04	43	3.20	-5.92	81.80	35.40	18.02	0.00	7.31
13-Feb-04	44	5.82	-6.84	92.30	29.42	14.26	0.00	2.24
14-Feb-04	45	12.51	-9.36	89.10	14.94	18.07	0.00	1.45
15-Feb-04	46	17.26	-5.18	79.80	11.16	18.97	0.00	1.63
16-Feb-04	47	17.45	-4.61	52.55	11.40	18.28	0.00	1.56
17-Feb-04	48	21.06	-2.62	53.11	10.89	19.32	0.00	1.79
18-Feb-04	49	23.82	0.28	69.25	9.64	16.48	0.00	2.32
19-Feb-04	50	18.44	8.89	36.30	14.04	20.05	0.00	4.98
20-Feb-04	51	16.82	4.89	53.45	17.30	14.70	0.00	2.15
21-Feb-04	52	15.01	3.40	75.90	27.56	8.46	0.25	2.94
22-Feb-04	53	17.90	-0.60	92.00	12.17	20.19	0.00	3.31
23-Feb-04	54	12.69	1.05	95.80	28.15	7.05	0.00	1.93
24-Feb-04	55	14.06	-0.60	97.10	29.98	15.08	0.00	2.09
25-Feb-04	56	17.73	-2.52	90.20	19.46	21.09	0.00	1.76
26-Feb-04	57	18.71	-2.15	75.00	15.07	20.47	0.00	3.30
27-Feb-04	58	19.78	2.09	69.10	11.80	18.09	0.00	4.26
28-Feb-04	59	12.12	0.92	76.80	16.16	11.27	0.00	4.44
29-Feb-04	60	12.69	-3.09	70.70	16.46	17.51	0.00	3.70
1-Mar-04	61	15.82	-0.97	62.69	12.68	21.75	0.00	3.22
2-Mar-04	62	13.76	2.36	81.60	26.28	7.34	0.00	2.96
3-Mar-04	63	13.60	4.62	82.60	43.61	10.32	0.51	5.08
4-Mar-04	64	12.29	3.40	95.70	43.79	7.16	5.84	4.09
5-Mar-04	65	12.42	1.88	95.20	20.44	16.65	1.27	4.40
6-Mar-04	66	19.68	-0.40	88.70	22.56	22.83	0.00	2.53
7-Mar-04	67	21.80	3.20	79.90	14.03	22.77	0.00	2.03
8-Mar-04	68	25.06	3.81	74.90	13.49	20.27	0.00	1.45
9-Mar-04	69	24.12	6.20	63.48	12.81	23.38	0.00	2.96
10-Mar-04	70	26.33	5.63	71.80	12.17	23.08	0.00	1.68
11-Mar-04	71	16.49	8.11	67.75	25.73	5.71	0.00	5.29
12-Mar-04	72	17.10	6.30	94.20	44.05	11.55	2.29	2.63
13-Mar-04	73	19.68	7.27	93.80	32.64	17.87	0.00	2.55
14-Mar-04	74	21.83	6.67	81.30	22.72	23.59	0.00	3.47
15-Mar-04	75	25.42	7.01	84.70	9.85	22.26	0.00	2.27
16-Mar-04	76	27.91	3.74	46.35	5.60	25.10	0.00	2.18
17-Mar-04	77	27.68	4.08	48.33	7.68	25.13	0.00	1.91
18-Mar-04	78	27.37	6.13	45.39	6.78	25.18	0.00	2.10

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
19-Mar-04	79	28.99	11.88	28.34	6.64	11.93	0.25	2.58
20-Mar-04	80	31.55	6.23	46.03	6.10	24.73	0.00	2.61
21-Mar-04	81	23.98	10.17	62.47	21.11	22.02	0.00	4.63
22-Mar-04	82	20.65	8.35	76.30	41.23	14.66	0.00	2.31
23-Mar-04	83	26.16	8.25	83.40	20.19	20.03	0.00	2.46
24-Mar-04	84	28.49	7.88	86.70	13.52	24.80	0.00	2.61
25-Mar-04	85	27.48	12.90	49.79	10.89	21.97	0.00	3.17
26-Mar-04	86	27.68	10.07	37.99	7.72	22.57	0.00	3.88
27-Mar-04	87	28.05	10.64	27.69	7.35	26.02	0.00	3.61
28-Mar-04	88	23.49	7.35	32.23	8.53	26.93	0.00	2.52
29-Mar-04	89	25.91	4.89	22.24	6.68	27.47	0.00	2.79
30-Mar-04	90	26.13	3.67	35.57	3.88	27.60	0.00	2.33
31-Mar-04	91	26.73	6.54	44.15	11.19	26.20	0.00	2.02
1-Apr-04	92	24.06	11.35	63.43	20.77	16.10	0.51	2.87
2-Apr-04	93	19.79	7.40	93.90	27.11	17.60	8.38	3.52
3-Apr-04	94	20.23	5.36	94.10	31.90	14.44	5.59	2.96
4-Apr-04	95	11.01	6.56	91.40	66.46	13.93	4.83	5.32
5-Apr-04	96	16.46	6.27	90.40	32.31	16.32	0.76	2.15
6-Apr-04	97	20.96	4.25	92.00	25.49	26.30	0.00	2.17
7-Apr-04	98	23.08	7.61	78.80	23.53	22.13	0.00	2.38
8-Apr-04	99	21.54	9.73	78.60	26.64	19.05	0.00	2.60
9-Apr-04	100	23.25	8.12	77.50	20.43	21.10	0.00	3.16
10-Apr-04	101	19.27	5.39	94.40	28.59	18.14	11.43	3.57
11-Apr-04	102	9.70	2.90	96.80	50.57	9.40	2.54	3.96
12-Apr-04	103	18.07	-0.23	96.90	26.64	27.19	0.00	2.01
13-Apr-04	104	22.68	4.95	88.80	14.33	28.34	0.00	2.64
14-Apr-04	105	27.11	6.81	68.34	6.91	28.58	0.00	3.15
15-Apr-04	106	28.39	8.12	53.17	4.21	29.48	0.00	2.78
16-Apr-04	107	28.96	10.13	45.78	6.34	29.52	0.00	3.32
17-Apr-04	108	27.99	11.92	64.68	19.89	16.98	1.02	5.01
18-Apr-04	109	28.42	11.32	35.21	3.34	29.89	0.00	4.59
19-Apr-04	110	26.98	6.13	54.06	4.45	24.56	0.00	3.64
20-Apr-04	111	25.00	10.91	20.72	9.57	25.73	0.00	3.90
21-Apr-04	112	27.61	8.01	38.63	8.23	30.14	0.00	3.45
22-Apr-04	113	27.22	8.69	39.33	7.08	29.98	0.00	4.64
23-Apr-04	114	22.85	5.46	55.11	10.38	30.35	0.00	3.27
24-Apr-04	115	23.62	5.39	59.94	14.50	29.98	0.00	2.98
25-Apr-04	116	27.17	9.26	38.43	10.18	29.68	0.00	2.29
26-Apr-04	117	27.81	10.20	46.36	6.94	28.67	0.00	2.73
27-Apr-04	118	25.88	9.02	36.71	10.28	24.76	0.00	2.53
28-Apr-04	119	27.79	9.90	67.38	11.66	22.57	0.00	3.45
29-Apr-04	120	26.15	12.66	60.35	8.53	20.96	0.00	6.57
30-Apr-04	121	19.95	6.60	54.52	12.92	19.70	0.00	3.00



Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
1-May-04	122	23.01	5.29	64.93	16.55	30.77	0.00	3.35
2-May-04	123	25.09	6.03	57.20	11.23	30.81	0.00	2.20
3-May-04	124	27.88	7.01	43.66	5.76	31.11	0.00	2.74
4-May-04	125	33.34	9.70	28.07	7.14	30.90	0.00	1.86
5-May-04	126	35.07	12.29	51.87	6.17	29.52	0.00	2.18
6-May-04	127	34.42	15.39	38.41	6.91	27.29	0.00	2.51
7-May-04	128	34.35	15.21	47.76	7.79	27.29	0.00	2.24
8-May-04	129	32.50	18.55	39.66	8.80	22.58	0.00	2.80
9-May-04	130	32.90	17.74	43.88	9.67	26.96	0.00	2.38
10-May-04	131	32.56	16.66	44.69	12.03	28.29	0.00	3.51
11-May-04	132	31.79	15.08	41.48	5.09	30.52	0.00	4.42
12-May-04	133	30.04	16.59	36.83	6.30	32.03	0.00	5.09
13-May-04	134	27.81	13.33	27.39	6.91	30.90	0.00	3.01
14-May-04	135	28.52	10.20	58.94	8.93	31.99	0.00	4.07
15-May-04	136	31.45	12.16	51.36	9.67	29.68	0.00	3.54
16-May-04	137	33.71	15.18	60.51	4.79	29.98	0.00	3.16
17-May-04	138	34.35	13.97	37.13	4.65	31.23	0.00	3.55
18-May-04	139	35.22	13.17	24.52	4.85	32.66	0.00	3.73
19-May-04	140	36.16	13.20	35.08	6.00	31.53	0.00	3.24
20-May-04	141	34.79	16.16	43.87	4.45	32.15	0.00	3.83
21-May-04	142	33.34	14.24	29.11	6.37	32.57	0.00	4.01
22-May-04	143	30.95	14.81	28.67	4.55	32.82	0.00	3.84
23-May-04	144	32.06	12.66	24.55	6.84	31.36	0.00	3.79
24-May-04	145	33.00	13.80	32.59	6.34	32.66	0.00	3.87
25-May-04	146	30.41	18.17	30.86	7.11	15.29	0.00	3.26
26-May-04	147	27.29	19.71	33.51	12.98	11.53	0.00	4.15
27-May-04	148	25.54	11.55	94.40	19.45	23.64	5.59	3.34
28-May-04	149	32.06	12.69	53.34	6.54	31.82	0.00	3.73
29-May-04	150	31.59	13.90	31.30	7.62	32.66	0.00	3.59
30-May-04	151	32.06	15.78	32.98	7.04	32.99	0.00	3.93
31-May-04	152	34.01	10.37	25.17	6.57	33.20	0.00	2.66
1-Jun-04	153	36.42	14.87	43.67	5.29	32.53	0.00	2.80
2-Jun-04	154	37.83	17.06	17.33	5.73	31.07	0.00	2.95
3-Jun-04	155	35.28	18.68	55.64	8.43	27.70	0.00	4.78
4-Jun-04	156	34.95	17.20	51.33	10.62	20.45	0.00	3.08
5-Jun-04	157	37.93	18.71	39.96	5.19	29.85	0.00	3.02
6-Jun-04	158	38.07	20.43	46.00	6.03	29.77	0.00	2.78
7-Jun-04	159	37.36	20.05	31.79	6.54	26.56	0.00	2.88
8-Jun-04	160	36.42	17.64	41.05	7.35	30.90	0.00	3.56
9-Jun-04	161	34.48	17.27	55.58	6.00	31.99	0.00	4.24
10-Jun-04	162	32.16	17.34	27.32	3.71	33.62	0.00	3.97
11-Jun-04	163	32.67	15.35	18.28	4.04	33.54	0.00	3.29
12-Jun-04	164	34.51	14.74	17.97	3.71	33.08	0.00	3.32

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
13-Jun-04	165	36.11	15.11	22.60	3.67	33.03	0.00	2.49
14-Jun-04	166	38.98	15.68	24.42	4.82	32.70	0.00	2.55
15-Jun-04	167	38.40	18.75	27.31	3.50	32.99	0.00	3.73
16-Jun-04	168	36.66	16.86	33.89	4.15	31.44	0.00	3.61
17-Jun-04	169	36.08	17.81	20.84	6.84	32.74	0.00	3.71
18-Jun-04	170	37.22	16.76	38.00	5.96	32.74	0.00	3.70
19-Jun-04	171	37.43	18.85	49.87	7.35	29.64	0.00	3.65
20-Jun-04	172	35.75	18.00	43.03	8.56	28.11	0.00	2.60
21-Jun-04	173	36.72	18.45	24.18	6.00	31.32	0.00	3.32
22-Jun-04	174	31.55	16.19	57.54	8.83	23.24	0.00	5.14
23-Jun-04	175	32.59	16.49	76.00	15.20	25.64	0.00	3.01
24-Jun-04	176	33.93	15.45	64.52	12.43	24.83	1.27	2.36
25-Jun-04	177	34.04	15.24	65.26	13.55	26.53	0.00	2.84
26-Jun-04	178	32.43	16.29	63.10	13.68	20.06	0.00	2.85
27-Jun-04	179	33.57	14.97	64.08	12.07	22.35	0.00	2.98
28-Jun-04	180	29.30	18.10	61.68	24.97	18.56	0.00	3.12
29-Jun-04	181	30.61	15.95	92.30	23.49	23.49	2.03	2.49
30-Jun-04	182	32.76	13.13	87.70	11.43	28.53	0.00	2.38
1-Jul-04	183	36.18	15.75	44.32	5.80	32.97	0.00	2.68
2-Jul-04	184	37.36	14.14	35.62	6.13	32.09	0.00	2.49
3-Jul-04	185	34.64	18.47	36.41	8.26	20.55	0.00	3.56
4-Jul-04	186	36.42	19.11	30.65	4.04	30.50	0.00	2.97
5-Jul-04	187	37.43	14.17	21.99	3.98	32.93	0.00	2.30
6-Jul-04	188	38.54	17.00	21.82	4.82	30.79	0.00	2.53
7-Jul-04	189	39.01	19.99	27.79	5.56	29.50	0.00	2.20
8-Jul-04	190	39.08	22.20	25.46	9.74	25.89	0.00	2.78
9-Jul-04	191	34.81	23.62	33.51	13.68	19.13	0.00	2.69
10-Jul-04	192	36.04	21.83	47.07	15.40	22.84	0.00	3.51
11-Jul-04	193	35.84	18.24	74.90	15.53	29.21	0.00	2.66
12-Jul-04	194	37.53	19.82	82.10	15.13	29.50	0.76	2.55
13-Jul-04	195	36.55	18.64	73.20	14.82	31.67	2.54	2.10
14-Jul-04	196	37.09	21.36	63.25	15.53	29.41	0.00	3.25
15-Jul-04	197	36.58	22.17	52.26	12.16	24.18	0.00	2.61
16-Jul-04	198	38.44	20.89	47.74	9.40	31.30	0.00	2.37
17-Jul-04	199	37.80	20.90	33.82	9.70	31.05	0.00	2.53
18-Jul-04	200	38.23	18.71	48.21	9.64	29.46	0.00	3.07
19-Jul-04	201	38.64	22.61	41.84	13.04	23.50	0.00	2.71
20-Jul-04	202	38.57	23.99	44.88	11.93	23.14	0.00	2.94
21-Jul-04	203	39.89	23.18	63.77	12.03	26.40	0.25	2.53
22-Jul-04	204	36.11	19.94	89.90	19.98	25.17	12.45	2.52
23-Jul-04	205	31.72	18.18	88.70	22.11	24.17	0.76	3.46
24-Jul-04	206	31.32	17.98	82.70	28.85	20.32	1.27	2.39
25-Jul-04	207	29.33	18.98	85.20	33.64	15.56	1.27	4.46

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
26-Jul-04	208	30.07	17.81	72.90	31.61	22.49	0.00	3.03
27-Jul-04	209	29.97	16.94	91.70	30.84	19.14	8.13	2.62
28-Jul-04	210	32.50	17.80	87.90	17.86	23.15	2.54	2.26
29-Jul-04	211	34.71	16.96	67.99	12.97	29.50	0.00	2.51
30-Jul-04	212	38.40	17.40	69.92	9.60	29.66	0.00	1.94
31-Jul-04	213	36.31	20.02	54.76	11.99	29.37	0.00	2.46
1-Aug-04	214	36.11	19.15	92.60	14.72	25.39	3.81	2.42
2-Aug-04	215	32.56	18.55	93.70	26.59	25.86	0.76	2.56
3-Aug-04	216	36.28	19.65	83.00	19.58	26.57	0.00	2.45
4-Aug-04	217	36.28	19.19	87.30	15.47	28.53	0.00	3.27
5-Aug-04	218	34.54	20.69	67.53	24.23	20.26	0.00	3.47
6-Aug-04	219	35.49	19.72	76.70	21.43	24.04	0.00	2.81
7-Aug-04	220	35.74	20.76	52.76	18.23	20.45	0.00	2.13
8-Aug-04	221	37.86	18.35	68.43	10.41	26.45	0.00	2.22
9-Aug-04	222	35.17	19.92	62.05	14.12	24.22	0.00	2.24
10-Aug-04	223	35.74	19.49	49.71	12.74	26.69	0.00	3.04
11-Aug-04	224	37.16	17.67	58.75	11.93	22.72	0.00	2.95
12-Aug-04	225	35.25	17.74	70.80	18.84	20.97	0.00	2.58
13-Aug-04	226	32.16	17.77	65.73	22.82	20.68	0.00	3.24
14-Aug-04	227	28.55	17.88	85.70	31.31	24.62	0.00	3.60
15-Aug-04	228	26.11	17.77	84.10	44.47	12.05	0.00	1.60
16-Aug-04	229	20.23	16.86	94.80	76.10	6.34	15.75	1.10
17-Aug-04	230	28.28	16.16	96.10	34.41	22.68	0.51	1.40
18-Aug-04	231	29.67	16.56	86.80	28.38	17.62	4.57	2.50
19-Aug-04	232	31.92	15.42	78.30	19.25	22.67	0.51	2.52
20-Aug-04	233	32.36	15.65	74.10	18.40	24.03	0.00	2.26
21-Aug-04	234	34.28	15.99	75.50	13.11	24.95	0.00	2.05
22-Aug-04	235	33.67	15.68	68.26	16.38	26.02	0.00	2.39
23-Aug-04	236	33.31	17.44	40.78	11.39	23.42	0.00	2.91
24-Aug-04	237	28.47	15.05	73.60	24.27	11.07	0.00	2.46
25-Aug-04	238	32.09	12.87	82.50	17.73	26.98	0.00	2.51
26-Aug-04	239	35.28	18.48	41.34	11.63	27.19	0.00	3.07
27-Aug-04	240	35.78	17.57	39.46	10.48	26.17	0.00	2.75
28-Aug-04	241	33.64	18.92	57.98	14.69	26.39	0.00	4.19
29-Aug-04	242	32.83	17.71	64.72	12.13	17.92	0.00	2.90
30-Aug-04	243	33.27	15.38	69.07	14.29	21.87	0.00	2.37
31-Aug-04	244	33.30	14.21	79.80	15.20	24.49	8.64	2.00
1-Sep-04	245	31.01	14.08	83.30	18.34	25.43	0.00	1.99
2-Sep-04	246	31.79	14.78	83.30	20.93	24.77	0.00	2.66
3-Sep-04	247	34.55	17.20	61.65	13.72	22.58	0.00	2.81
4-Sep-04	248	26.81	16.36	91.30	40.35	9.33	0.00	2.24
5-Sep-04	249	30.34	15.45	92.00	11.43	25.74	0.00	1.96
6-Sep-04	250	33.37	12.49	42.81	9.77	25.91	0.00	2.16

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
7-Sep-04	251	29.97	14.24	54.07	13.45	25.19	0.00	2.43
8-Sep-04	252	31.79	13.30	47.67	13.38	24.95	0.00	2.13
9-Sep-04	253	31.96	12.09	54.99	5.93	25.20	0.00	2.16
10-Sep-04	254	33.58	11.82	40.21	8.46	24.71	0.00	2.04
11-Sep-04	255	36.39	13.24	37.98	9.13	24.39	0.00	1.77
12-Sep-04	256	35.49	15.45	35.35	9.40	23.71	0.00	2.39
13-Sep-04	257	35.62	15.68	41.25	12.57	20.50	0.00	2.37
14-Sep-04	258	35.05	17.13	53.59	11.39	23.62	0.00	3.13
15-Sep-04	259	34.11	17.10	34.43	10.01	24.24	0.00	2.16
16-Sep-04	260	35.22	14.75	44.08	10.82	23.83	0.00	2.43
17-Sep-04	261	35.81	15.58	42.79	10.34	23.05	0.00	2.51
18-Sep-04	262	33.17	16.05	76.00	18.23	16.86	0.00	2.74
19-Sep-04	263	28.09	17.91	89.60	34.04	13.14	0.25	3.35
20-Sep-04	264	30.17	15.01	81.80	18.54	23.27	0.00	2.80
21-Sep-04	265	30.37	11.99	77.70	11.43	23.23	0.00	3.49
22-Sep-04	266	27.91	9.33	44.16	12.20	23.32	0.00	1.95
23-Sep-04	267	28.79	9.43	32.23	9.98	23.33	0.00	1.77
24-Sep-04	268	28.66	10.84	77.10	21.48	15.74	0.00	1.94
25-Sep-04	269	23.99	11.38	91.60	35.40	13.52	8.89	2.98
26-Sep-04	270	23.45	12.70	92.20	37.80	17.02	0.00	3.04
27-Sep-04	271	25.43	12.66	81.90	30.41	21.16	0.00	2.57
28-Sep-04	272	23.76	12.70	79.30	35.97	13.57	0.00	2.79
29-Sep-04	273	20.62	9.87	90.80	47.40	9.18	6.10	1.59
30-Sep-04	274	24.53	9.33	94.90	19.05	18.93	1.52	2.26
1-Oct-04	275	26.94	7.62	90.40	12.84	21.85	0.00	1.66
2-Oct-04	276	26.43	11.99	80.80	30.40	18.92	0.00	2.61
3-Oct-04	277	27.44	11.79	92.30	28.99	18.19	0.00	2.02
4-Oct-04	278	29.63	13.30	70.90	22.78	20.29	0.00	2.15
5-Oct-04	279	29.13	14.31	79.70	11.97	16.65	0.25	3.55
6-Oct-04	280	27.64	9.26	85.50	11.19	20.58	0.00	2.32
7-Oct-04	281	27.10	9.10	76.10	17.46	20.57	0.00	1.79
8-Oct-04	282	27.88	9.29	66.40	11.02	20.70	0.00	2.11
9-Oct-04	283	26.98	10.10	62.15	14.90	20.53	0.00	1.98
10-Oct-04	284	26.33	8.01	90.70	15.84	20.21	2.03	2.77
11-Oct-04	285	21.26	10.10	95.60	32.60	15.42	12.45	2.11
12-Oct-04	286	23.76	9.06	89.50	30.24	18.57	0.00	1.43
13-Oct-04	287	25.10	7.07	95.50	21.37	15.84	2.29	3.15
14-Oct-04	288	22.24	4.75	85.80	24.14	19.63	0.00	1.64
15-Oct-04	289	26.38	7.45	87.10	19.05	19.20	0.00	2.80
16-Oct-04	290	27.68	8.66	76.30	12.88	16.94	0.00	2.39
17-Oct-04	291	25.88	13.43	54.85	18.81	13.08	0.00	3.34
18-Oct-04	292	22.61	9.56	60.87	16.96	14.00	0.00	2.40
19-Oct-04	293	27.29	6.71	64.63	13.08	18.66	0.00	2.56

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
20-Oct-04	294	26.27	8.35	63.44	12.61	18.77	0.00	3.29
21-Oct-04	295	24.06	13.60	59.33	22.15	10.82	0.00	4.39
22-Oct-04	296	21.97	9.76	74.10	12.31	17.51	0.00	4.57
23-Oct-04	297	21.73	3.64	61.43	11.83	19.27	0.00	1.56
24-Oct-04	298	25.17	5.73	64.19	19.96	18.24	0.00	2.74
25-Oct-04	299	16.32	7.71	93.50	48.75	5.28	1.27	1.63
26-Oct-04	300	23.76	12.19	96.90	32.40	13.00	7.62	2.35
27-Oct-04	301	22.37	11.18	98.30	33.21	12.40	0.76	2.48
28-Oct-04	302	22.58	12.16	73.80	23.63	17.18	0.00	6.06
29-Oct-04	303	18.87	5.93	68.58	16.79	17.60	0.00	3.03
30-Oct-04	304	19.27	2.16	78.40	27.17	17.27	0.00	1.64
31-Oct-04	305	21.06	6.34	74.90	17.40	16.98	0.00	2.14
1-Nov-04	306	11.18	2.83	91.30	22.47	11.01	1.78	4.26
2-Nov-04	307	14.17	-0.70	70.50	21.25	16.77	0.00	1.87
3-Nov-04	308	16.22	-2.92	89.30	16.59	17.18	0.00	1.32
4-Nov-04	309	22.47	-1.81	79.80	11.63	17.37	0.00	1.61
5-Nov-04	310	22.31	0.48	68.94	13.79	16.59	0.00	1.20
6-Nov-04	311	21.01	-0.03	77.20	17.06	11.49	0.00	0.86
7-Nov-04	312	24.97	4.99	72.10	11.16	11.16	0.00	0.78
8-Nov-04	313	24.57	5.02	56.06	15.51	14.51	0.00	1.99
9-Nov-04	314	22.58	7.01	70.50	13.01	16.21	0.00	3.34
10-Nov-04	315	19.64	0.78	82.10	20.94	16.11	0.00	1.33
11-Nov-04	316	17.97	4.65	72.30	28.06	16.04	0.00	2.20
12-Nov-04	317	17.10	1.63	82.50	30.35	11.90	1.27	1.82
13-Nov-04	318	6.23	1.92	97.40	75.80	2.48	11.18	3.74
14-Nov-04	319	5.09	0.61	98.10	71.40	4.21	7.87	5.53
15-Nov-04	320	8.15	3.11	91.60	71.00	3.21	0.51	3.71
16-Nov-04	321	14.58	5.39	97.00	59.88	5.88	1.78	1.64
17-Nov-04	322	18.00	1.86	100.00	41.38	14.22	0.00	1.28
18-Nov-04	323	16.86	3.50	98.00	46.78	12.62	0.00	0.90
19-Nov-04	324	18.47	2.67	97.90	31.80	14.54	0.00	1.77
20-Nov-04	325	17.88	3.78	93.20	26.34	13.24	0.00	1.95
21-Nov-04	326	15.92	1.32	93.50	39.63	7.05	0.00	1.13
22-Nov-04	327	12.06	2.77	97.30	63.06	6.06	2.79	0.96
23-Nov-04	328	11.32	1.19	99.00	56.62	5.89	0.00	1.69
24-Nov-04	329	13.84	-0.30	95.00	35.41	14.25	0.00	1.42
25-Nov-04	330	15.28	-0.64	97.00	32.38	14.31	0.00	0.99
26-Nov-04	331	19.45	1.69	89.80	16.93	14.39	0.00	3.94
27-Nov-04	332	17.13	-0.94	82.70	21.89	14.43	0.00	3.52
28-Nov-04	333	17.23	6.33	59.22	20.37	10.74	0.00	4.96
29-Nov-04	334	7.78	-5.14	78.80	21.90	12.21	0.00	3.25
30-Nov-04	335	7.84	-8.38	87.50	17.11	14.70	0.00	1.03
1-Dec-04	336	10.51	-8.21	87.50	20.28	14.39	0.00	1.18

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
2-Dec-04	337	12.69	-6.96	81.80	14.27	14.14	0.00	0.81
3-Dec-04	338	15.14	-4.10	65.28	12.48	13.82	0.00	0.79
4-Dec-04	339	8.36	-1.88	96.60	24.97	6.24	1.02	1.00
5-Dec-04	340	11.88	0.72	97.50	35.45	14.15	0.76	1.48
6-Dec-04	341	11.65	1.15	97.10	34.24	8.64	5.59	2.12
7-Dec-04	342	10.30	-0.97	89.10	39.00	12.36	0.00	1.33
8-Dec-04	343	14.47	-2.01	99.00	29.17	12.58	0.00	1.29
9-Dec-04	344	18.81	-1.58	95.60	26.07	13.56	0.00	0.64
10-Dec-04	345	19.11	1.05	87.80	24.82	13.66	0.00	1.05
11-Dec-04	346	17.81	-1.44	97.60	29.20	13.65	0.00	0.71
12-Dec-04	347	22.00	0.11	93.30	18.61	13.72	0.00	1.16
13-Dec-04	348	16.32	0.21	90.90	26.71	13.32	0.00	2.58
14-Dec-04	349	10.57	-2.51	81.20	30.63	13.36	0.00	0.96
15-Dec-04	350	14.81	-4.67	92.00	27.45	13.52	0.00	0.53
16-Dec-04	351	11.25	1.49	68.67	32.15	10.42	0.00	3.78
17-Dec-04	352	14.20	-3.02	79.80	20.54	13.72	0.00	1.29
18-Dec-04	353	14.10	-5.48	89.50	17.64	13.66	0.00	1.33
19-Dec-04	354	15.35	-5.18	83.50	14.00	13.75	0.00	1.18
20-Dec-04	355	16.39	-4.24	75.60	23.91	13.68	0.00	1.69
21-Dec-04	356	13.84	-2.45	80.00	27.02	7.97	0.00	2.10
22-Dec-04	357	7.18	-3.93	93.80	34.18	13.12	0.00	2.49
23-Dec-04	358	3.61	-7.50	88.60	24.37	9.55	0.00	3.54
24-Dec-04	359	5.29	-10.47	70.30	19.34	13.51	0.00	1.76
25-Dec-04	360	11.38	-8.38	75.50	15.35	13.67	0.00	0.96
26-Dec-04	361	12.12	-8.11	81.60	21.62	12.24	0.00	0.67
27-Dec-04	362	14.87	-3.49	70.60	24.01	11.41	0.00	0.34
28-Dec-04	363	17.13	-2.18	81.30	24.28	13.12	0.00	0.44
29-Dec-04	364	19.86	1.72	79.50	35.07	11.05	0.00	3.84
30-Dec-04	365	19.11	4.95	81.80	20.47	13.77	0.00	2.78
31-Dec-04	366	16.83	-1.37	93.60	29.24	12.08	0.00	1.61

**Appendix F: DAILY WEATHER DATA MEASURED AT THE SOUTH LAKE  
WEATHER STATION IN THE YEAR 2004**

<b>South Lake Weather Station (SLWS)</b>								
<b>Sierra County, New Mexico</b>								
<b>Latitude : 33° 8' 45.52"</b>								
<b>Longitude : 107° 11' 3.44"</b>								
<b>Elevation : 1378 m</b>								
Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
1-Jan-04	1	16.49	2.30	83.90	30.36	13.57	0.00	2.60
2-Jan-04	2	18.11	0.93	91.60	22.01	13.83	0.00	3.76
3-Jan-04	3	17.33	1.27	88.60	20.19	13.17	0.00	3.88
4-Jan-04	4	9.46	-1.39	60.63	16.26	13.86	0.00	2.43
5-Jan-04	5	8.79	-4.51	52.73	14.31	13.43	0.00	2.71
6-Jan-04	6	10.18	-3.40	41.06	13.03	14.01	0.00	1.64
7-Jan-04	7	11.08	-1.93	59.35	24.95	9.30	0.00	1.75
8-Jan-04	8	14.48	1.19	68.77	27.50	11.44	0.00	2.11
9-Jan-04	9	14.22	-1.69	84.40	21.00	12.34	0.00	2.00
10-Jan-04	10	14.79	-2.26	62.96	20.43	12.70	0.00	2.02
11-Jan-04	11	14.36	0.09	74.40	21.31	7.74	0.00	1.32
12-Jan-04	12	19.13	2.81	87.60	31.89	13.60	0.00	1.80
13-Jan-04	13	16.63	1.06	85.10	26.61	13.85	0.00	1.89
14-Jan-04	14	9.54	4.15	90.10	31.59	2.95	0.25	1.57
15-Jan-04	15	7.66	5.25	100.00	89.60	2.49	3.81	0.64
16-Jan-04	16	13.45	2.33	100.00	47.86	12.12	0.00	1.40
17-Jan-04	17	9.16	2.91	84.70	49.61	7.49	0.00	2.71
18-Jan-04	18	14.68	1.61	89.60	32.47	14.06	0.00	1.89
19-Jan-04	19	14.92	0.79	92.60	32.34	14.46	0.00	3.05
20-Jan-04	20	13.32	1.27	87.20	34.84	10.82	0.00	1.99
21-Jan-04	21	11.71	1.07	94.60	43.46	11.80	0.00	1.77
22-Jan-04	22	12.78	2.40	83.60	31.33	14.63	0.00	2.46
23-Jan-04	23	15.01	1.13	76.70	26.04	15.35	0.00	1.55
24-Jan-04	24	15.37	1.62	82.50	29.01	12.00	0.00	2.21
25-Jan-04	25	11.60	2.47	76.40	29.49	10.85	0.00	4.33
26-Jan-04	26	8.18	-3.07	47.99	10.31	16.36	0.00	3.71
27-Jan-04	27	10.54	-5.18	48.89	16.84	15.71	0.00	1.77
28-Jan-04	28	13.38	-4.31	64.42	19.02	14.77	0.00	1.45
29-Jan-04	29	14.82	-1.13	65.51	21.81	15.87	0.00	1.88
30-Jan-04	30	17.45	-0.82	77.90	19.44	16.44	0.00	2.40
31-Jan-04	31	13.89	1.20	67.32	22.69	9.00	0.00	3.38
1-Feb-04	32	9.26	0.63	73.40	12.02	15.89	0.00	4.80
2-Feb-04	33	12.37	-6.26	52.16	11.81	17.01	0.00	2.40
3-Feb-04	34	12.96	-1.58	73.40	21.99	11.15	0.00	3.01
4-Feb-04	35	9.49	0.73	71.10	25.62	10.79	0.00	2.88

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
5-Feb-04	36	8.92	-2.93	73.00	26.57	10.76	0.00	2.81
6-Feb-04	37	11.18	-4.08	75.30	21.58	17.78	0.00	2.01
7-Feb-04	38	12.62	-4.64	63.02	18.48	17.76	0.00	3.04
8-Feb-04	39	12.74	-2.63	74.40	15.36	17.50	0.00	1.74
9-Feb-04	40	13.32	-2.19	54.10	16.16	18.16	0.00	1.42
10-Feb-04	41	13.68	-1.28	48.36	22.52	17.79	0.00	2.19
11-Feb-04	42	15.86	-1.76	73.70	12.95	18.23	0.00	2.82
12-Feb-04	43	4.31	-5.42	78.70	35.78	18.19	0.00	5.43
13-Feb-04	44	3.63	-7.21	90.70	31.11	15.63	0.00	3.21
14-Feb-04	45	11.87	-5.45	77.60	17.64	17.66	0.00	1.64
15-Feb-04	46	17.27	-2.90	67.76	12.92	18.82	0.00	1.59
16-Feb-04	47	16.44	-1.86	61.34	13.19	17.99	0.00	1.62
17-Feb-04	48	21.72	-0.62	53.61	12.10	19.14	0.00	1.55
18-Feb-04	49	23.28	3.24	52.92	10.63	17.04	0.00	3.35
19-Feb-04	50	19.12	9.48	35.23	15.15	19.93	0.00	6.03
20-Feb-04	51	16.22	6.67	53.44	20.15	14.17	0.00	2.79
21-Feb-04	52	15.33	4.28	71.60	27.14	9.47	0.00	3.24
22-Feb-04	53	16.79	1.20	88.40	13.83	19.63	0.00	3.17
23-Feb-04	54	11.94	2.30	91.10	32.60	6.38	0.00	2.33
24-Feb-04	55	11.83	0.32	97.70	36.42	17.85	0.00	2.82
25-Feb-04	56	16.27	-0.48	83.60	22.50	20.96	0.00	1.99
26-Feb-04	57	17.66	0.49	61.97	17.96	20.34	0.00	3.57
27-Feb-04	58	18.86	2.50	63.36	15.41	17.94	0.00	5.07
28-Feb-04	59	12.98	2.20	89.30	16.43	10.19	0.76	5.60
29-Feb-04	60	11.21	-3.11	71.90	21.18	14.58	0.00	3.94
1-Mar-04	61	15.66	-0.96	62.41	13.96	21.76	0.00	3.65
2-Mar-04	62	12.91	3.64	83.70	31.85	6.74	0.00	2.80
3-Mar-04	63	12.68	5.12	87.70	52.00	9.92	0.76	3.61
4-Mar-04	64	12.39	3.50	96.20	44.74	6.25	5.84	4.06
5-Mar-04	65	11.70	1.54	97.20	24.00	15.16	1.27	5.36
6-Mar-04	66	19.42	-0.08	88.20	23.48	22.60	0.00	2.28
7-Mar-04	67	20.69	3.61	87.70	18.96	22.44	0.00	2.54
8-Mar-04	68	23.28	5.52	75.00	16.77	21.62	0.00	1.58
9-Mar-04	69	23.28	6.43	66.54	15.09	23.06	0.00	3.51
10-Mar-04	70	25.44	6.16	57.65	15.80	22.45	0.00	2.57
11-Mar-04	71	17.18	8.55	85.00	26.66	4.89	1.27	3.69
12-Mar-04	72	14.27	6.49	98.80	59.65	11.43	1.78	2.62
13-Mar-04	73	19.63	7.32	98.50	38.44	16.68	0.00	2.48
14-Mar-04	74	21.03	7.66	85.00	24.68	22.42	0.00	3.26
15-Mar-04	75	25.56	7.54	84.80	10.67	23.95	0.00	1.98
16-Mar-04	76	25.72	6.26	45.50	8.61	24.44	0.00	2.71
17-Mar-04	77	27.72	6.93	48.40	8.87	24.53	0.00	2.41
18-Mar-04	78	27.17	7.73	43.82	7.90	24.21	0.00	2.29



Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
19-Mar-04	79	28.67	9.41	40.16	8.87	24.44	0.00	2.62
20-Mar-04	80	30.39	8.91	58.27	7.59	23.78	0.00	2.88
21-Mar-04	81	22.78	10.81	59.61	26.05	20.25	0.00	3.98
22-Mar-04	82	20.01	9.92	75.80	49.18	11.41	0.00	2.63
23-Mar-04	83	26.39	9.54	89.20	22.01	20.29	0.25	2.45
24-Mar-04	84	27.61	10.25	92.20	16.43	24.46	0.00	3.17
25-Mar-04	85	26.28	13.48	53.72	13.01	19.22	0.00	3.29
26-Mar-04	86	26.56	10.91	41.55	8.87	23.07	0.00	4.28
27-Mar-04	87	26.06	10.71	32.12	10.22	25.90	0.00	3.87
28-Mar-04	88	21.17	9.28	39.03	10.39	26.89	0.00	3.43
29-Mar-04	89	22.61	8.33	30.38	9.85	27.42	0.00	3.11
30-Mar-04	90	24.28	6.23	45.00	4.10	27.57	0.00	3.05
31-Mar-04	91	26.33	9.48	50.25	14.38	24.39	0.00	2.45
1-Apr-04	92	25.61	12.19	62.49	13.58	17.14	0.00	3.35
2-Apr-04	93	18.51	8.28	90.90	28.19	17.26	2.79	5.10
3-Apr-04	94	19.77	6.53	96.30	29.06	15.84	2.79	3.90
4-Apr-04	95	11.75	6.88	97.10	67.68	11.67	5.59	4.21
5-Apr-04	96	15.82	6.78	87.00	40.28	14.73	0.00	2.28
6-Apr-04	97	20.99	6.09	91.00	26.19	26.00	0.00	2.58
7-Apr-04	98	22.61	10.68	66.65	26.46	22.15	0.00	2.36
8-Apr-04	99	21.11	11.21	78.20	27.64	24.33	0.25	2.60
9-Apr-04	100	23.33	8.63	77.80	20.64	23.52	0.00	2.96
10-Apr-04	101	19.94	5.66	97.70	31.45	16.74	10.67	3.96
11-Apr-04	102	8.57	3.50	97.50	61.23	7.72	9.91	3.11
12-Apr-04	103	17.65	1.64	97.00	29.63	28.11	0.00	2.66
13-Apr-04	104	21.50	6.33	85.90	20.17	28.22	0.00	3.22
14-Apr-04	105	25.39	7.97	82.20	9.71	28.43	0.00	3.70
15-Apr-04	106	27.94	10.01	48.86	7.19	29.35	0.00	3.14
16-Apr-04	107	27.44	10.96	43.68	7.19	28.75	0.00	4.14
17-Apr-04	108	26.72	13.87	61.27	23.23	17.31	0.00	6.12
18-Apr-04	109	25.67	14.26	30.71	7.90	29.43	0.00	7.25
19-Apr-04	110	25.72	8.47	37.14	6.12	23.40	0.00	4.39
20-Apr-04	111	24.61	12.29	24.48	10.82	25.44	0.00	2.50
21-Apr-04	112	26.44	10.96	30.90	9.62	30.02	0.00	3.59
22-Apr-04	113	26.22	10.61	33.96	8.60	29.98	0.00	5.63
23-Apr-04	114	22.61	8.94	60.96	10.79	30.10	0.00	3.60
24-Apr-04	115	23.17	6.53	62.34	14.53	29.98	0.00	2.96
25-Apr-04	116	25.50	9.64	43.62	11.33	30.19	0.00	2.30
26-Apr-04	117	25.94	11.01	57.31	12.91	28.04	0.00	2.66
27-Apr-04	118	24.67	10.78	47.34	10.82	25.58	0.00	2.90
28-Apr-04	119	27.67	11.55	66.57	11.96	23.05	0.00	3.63
29-Apr-04	120	25.17	15.42	50.37	11.63	22.36	0.00	7.98
30-Apr-04	121	19.92	9.87	62.02	14.83	21.06	0.00	3.61

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
1-May-04	122	20.93	6.80	67.34	19.87	30.77	0.00	3.51
2-May-04	123	23.78	8.67	47.59	13.31	30.77	0.00	2.49
3-May-04	124	27.11	9.95	44.37	8.60	31.11	0.00	2.40
4-May-04	125	31.44	11.08	38.11	8.94	29.81	0.00	1.18
5-May-04	126	33.17	16.29	46.53	8.36	27.80	0.00	1.30
6-May-04	127	32.94	16.69	46.83	8.76	27.75	0.00	1.76
7-May-04	128	32.61	18.21	24.87	9.34	28.99	0.00	1.32
8-May-04	129	32.94	19.38	35.49	9.97	24.28	0.00	2.18
9-May-04	130	32.44	18.75	33.71	11.49	26.77	0.00	1.82
10-May-04	131	31.78	17.77	39.94	13.67	26.32	0.00	4.55
11-May-04	132	29.89	18.76	39.76	6.89	30.48	0.00	5.75
12-May-04	133	28.83	19.15	31.43	8.57	32.03	0.00	6.25
13-May-04	134	27.22	15.00	28.88	7.73	31.86	0.00	2.19
14-May-04	135	27.28	10.84	66.87	10.99	32.28	0.00	3.97
15-May-04	136	29.83	13.77	48.37	13.10	28.95	0.00	3.88
16-May-04	137	32.78	16.46	56.49	6.28	29.81	0.00	3.44
17-May-04	138	33.28	15.10	28.47	6.65	30.98	0.00	3.18
18-May-04	139	33.00	13.99	31.64	7.22	31.69	0.00	3.09
19-May-04	140	34.67	15.64	42.06	8.33	31.32	0.00	2.89
20-May-04	141	33.22	19.22	47.71	6.04	32.24	0.00	4.03
21-May-04	142	31.94	15.64	25.30	8.67	32.82	0.00	4.33
22-May-04	143	29.56	18.33	25.93	7.19	33.03	0.00	4.91
23-May-04	144	30.22	13.02	18.57	8.67	32.24	0.00	3.71
24-May-04	145	31.67	15.40	41.37	7.73	33.12	0.00	3.71
25-May-04	146	29.11	19.98	25.83	9.27	16.66	0.00	3.49
26-May-04	147	26.28	19.67	35.25	12.91	11.45	0.00	3.90
27-May-04	148	24.83	10.81	96.20	22.18	25.83	4.06	3.95
28-May-04	149	30.22	13.96	53.95	8.43	32.36	0.00	3.98
29-May-04	150	30.89	16.79	33.94	9.51	32.70	0.00	3.86
30-May-04	151	31.11	17.13	34.05	8.83	32.99	0.00	3.26
31-May-04	152	33.61	15.40	41.80	7.45	33.20	0.00	1.48
1-Jun-04	153	34.89	15.83	34.98	5.94	32.87	0.00	2.18
2-Jun-04	154	36.44	20.64	24.78	7.32	30.73	0.00	2.36
3-Jun-04	155	34.56	19.07	63.64	10.48	25.36	0.00	4.11
4-Jun-04	156	33.94	18.24	51.07	11.65	21.65	0.00	3.83
5-Jun-04	157	37.89	19.33	54.92	6.18	32.03	0.00	2.17
6-Jun-04	158	38.56	19.77	52.10	6.31	31.40	0.00	2.66
7-Jun-04	159	36.44	22.50	23.30	7.89	28.26	0.00	2.70
8-Jun-04	160	35.89	19.21	33.13	8.73	30.14	0.00	3.22
9-Jun-04	161	32.83	19.20	49.32	8.60	31.53	0.00	4.62
10-Jun-04	162	31.39	20.64	25.23	5.21	33.49	0.00	3.50
11-Jun-04	163	31.33	16.78	16.72	5.37	34.21	0.00	2.43
12-Jun-04	164	34.17	16.73	21.20	4.57	33.16	0.00	2.32

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
13-Jun-04	165	35.28	19.34	18.97	4.80	33.37	0.00	2.12
14-Jun-04	166	37.94	19.77	40.43	6.24	32.62	0.00	1.89
15-Jun-04	167	36.67	20.04	19.51	5.04	33.41	0.00	3.42
16-Jun-04	168	35.17	18.75	26.71	6.21	33.16	0.00	3.25
17-Jun-04	169	34.50	17.54	25.36	6.15	33.29	0.00	3.34
18-Jun-04	170	35.94	19.03	48.74	7.69	33.29	0.00	3.98
19-Jun-04	171	35.78	21.22	47.89	8.63	30.65	0.00	4.57
20-Jun-04	172	36.06	20.74	46.07	9.23	31.36	0.00	2.92
21-Jun-04	173	35.44	22.78	17.75	8.06	32.62	0.00	3.18
22-Jun-04	174	29.72	16.89	66.21	10.36	28.24	1.27	4.85
23-Jun-04	175	31.50	17.64	67.53	22.77	25.92	0.00	3.32
24-Jun-04	176	32.94	16.53	69.35	12.62	27.67	0.00	2.71
25-Jun-04	177	33.00	18.23	65.19	16.82	28.46	0.00	3.21
26-Jun-04	178	32.83	18.83	63.27	16.93	21.21	0.25	3.07
27-Jun-04	179	33.22	17.49	64.88	14.24	23.13	0.00	3.29
28-Jun-04	180	28.39	18.73	69.09	26.44	18.82	0.00	3.09
29-Jun-04	181	28.78	15.82	84.80	29.17	20.21	2.03	3.09
30-Jun-04	182	32.06	15.27	89.60	11.15	28.30	0.00	2.63
1-Jul-04	183	34.89	18.24	37.64	7.32	33.01	0.00	2.63
2-Jul-04	184	36.61	17.40	26.38	7.79	32.76	0.00	2.28
3-Jul-04	185	32.83	21.72	51.28	8.36	19.61	0.00	4.17
4-Jul-04	186	34.94	21.02	41.63	4.97	28.59	0.00	2.81
5-Jul-04	187	36.89	20.18	22.22	4.97	32.97	0.00	1.83
6-Jul-04	188	37.89	22.56	22.06	6.14	31.67	0.00	1.93
7-Jul-04	189	38.78	22.67	33.29	7.18	30.17	0.00	0.93
8-Jul-04	190	37.50	24.00	30.26	11.91	28.69	0.00	1.99
9-Jul-04	191	34.67	25.83	31.15	15.51	18.79	0.00	3.20
10-Jul-04	192	35.67	23.39	52.35	17.19	20.86	0.00	4.52
11-Jul-04	193	34.94	20.17	72.80	18.87	29.41	0.00	3.51
12-Jul-04	194	35.89	20.16	81.10	19.14	24.41	12.19	2.86
13-Jul-04	195	35.17	20.11	74.80	11.18	31.13	0.00	2.19
14-Jul-04	196	35.44	22.44	59.01	20.24	26.89	0.00	3.66
15-Jul-04	197	35.72	23.22	56.03	14.77	23.31	0.00	3.08
16-Jul-04	198	36.78	22.39	54.03	13.73	29.24	0.00	2.75
17-Jul-04	199	35.94	22.67	41.45	11.66	30.84	0.00	3.40
18-Jul-04	200	37.17	21.61	49.13	11.68	27.15	0.00	2.35
19-Jul-04	201	38.06	24.44	49.24	14.16	25.20	0.00	2.91
20-Jul-04	202	37.50	24.83	50.29	14.07	25.15	0.00	2.40
21-Jul-04	203	38.17	24.28	62.55	15.64	25.06	0.00	3.00
22-Jul-04	204	33.89	20.48	80.40	24.48	23.23	9.65	3.31
23-Jul-04	205	30.44	19.50	85.90	24.08	22.89	0.00	3.33
24-Jul-04	206	29.28	18.94	79.20	34.68	24.83	0.25	2.59
25-Jul-04	207	26.28	19.57	76.40	46.41	13.94	0.00	4.03

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
26-Jul-04	208	28.44	18.02	79.40	39.18	16.15	0.00	2.71
27-Jul-04	209	27.39	18.74	84.90	43.51	13.96	3.56	2.66
28-Jul-04	210	31.83	18.86	78.40	21.16	22.92	0.00	2.97
29-Jul-04	211	32.67	18.14	69.04	18.24	26.49	0.00	2.19
30-Jul-04	212	36.89	19.23	62.26	10.51	29.66	0.00	2.24
31-Jul-04	213	35.56	23.56	46.36	13.16	29.15	0.00	3.41
1-Aug-04	214	33.78	19.29	88.90	21.22	23.20	2.54	3.07
2-Aug-04	215	31.11	19.33	94.10	30.53	27.36	0.00	2.95
3-Aug-04	216	34.44	19.33	95.50	23.67	24.38	6.10	2.35
4-Aug-04	217	35.22	19.87	91.30	18.53	28.87	0.00	2.25
5-Aug-04	218	33.39	21.17	83.90	29.68	21.53	1.78	2.73
6-Aug-04	219	34.72	20.85	82.90	24.58	24.92	0.00	2.65
7-Aug-04	220	34.22	21.78	57.62	21.99	20.68	0.00	2.11
8-Aug-04	221	36.22	20.01	69.36	13.29	27.70	0.00	2.65
9-Aug-04	222	34.28	21.61	69.83	16.42	24.13	0.00	1.99
10-Aug-04	223	34.89	20.74	55.80	14.33	27.43	0.00	2.23
11-Aug-04	224	35.61	20.82	55.11	14.84	23.11	0.51	3.21
12-Aug-04	225	35.56	19.88	81.10	20.11	21.62	7.87	2.93
13-Aug-04	226	30.94	18.44	81.10	26.88	20.01	0.00	3.16
14-Aug-04	227	26.44	17.57	90.80	38.51	22.87	0.00	5.08
15-Aug-04	228	25.00	17.72	95.20	53.82	11.58	1.52	2.55
16-Aug-04	229	21.50	16.53	100.00	72.60	7.39	13.46	1.18
17-Aug-04	230	26.22	16.79	95.30	45.50	18.92	0.25	1.65
18-Aug-04	231	28.33	17.50	91.80	29.32	17.28	0.00	2.37
19-Aug-04	232	31.72	16.79	69.48	20.25	23.18	0.51	2.26
20-Aug-04	233	32.44	16.76	76.90	19.64	27.92	0.00	1.97
21-Aug-04	234	32.61	18.21	72.50	16.66	26.87	0.00	2.70
22-Aug-04	235	32.44	17.87	60.57	17.71	26.94	0.00	2.60
23-Aug-04	236	32.83	20.68	33.30	13.60	25.33	0.00	3.29
24-Aug-04	237	28.39	17.17	70.20	25.20	10.40	0.00	2.20
25-Aug-04	238	31.72	16.14	70.30	18.98	27.27	0.00	2.51
26-Aug-04	239	34.56	17.17	47.54	13.43	27.54	0.00	3.28
27-Aug-04	240	34.56	18.24	33.45	11.62	26.08	0.00	2.39
28-Aug-04	241	32.44	19.77	61.12	18.50	26.62	0.00	3.90
29-Aug-04	242	32.78	20.04	59.87	16.76	17.23	0.25	3.89
30-Aug-04	243	33.50	17.17	66.82	18.84	22.43	0.00	3.01
31-Aug-04	244	32.50	16.57	81.00	16.35	25.27	1.52	2.25
1-Sep-04	245	30.33	14.97	84.40	21.60	26.04	0.00	2.72
2-Sep-04	246	31.39	16.69	78.00	23.51	25.21	0.00	2.29
3-Sep-04	247	32.94	19.67	48.33	16.09	24.95	0.00	3.52
4-Sep-04	248	26.11	18.14	86.00	40.15	8.36	0.25	2.43
5-Sep-04	249	30.00	15.91	94.30	14.44	25.75	0.00	2.08
6-Sep-04	250	31.39	14.86	40.53	11.29	26.47	0.00	2.60

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
7-Sep-04	251	27.78	16.49	50.81	17.57	25.71	0.00	3.80
8-Sep-04	252	30.56	14.97	58.26	15.99	25.46	0.00	2.09
9-Sep-04	253	30.11	15.43	48.70	7.32	25.84	0.00	2.30
10-Sep-04	254	32.89	14.02	33.32	9.77	25.62	0.00	1.60
11-Sep-04	255	34.67	15.47	41.32	10.98	25.02	0.00	1.54
12-Sep-04	256	35.06	17.41	42.83	11.52	24.84	0.00	2.45
13-Sep-04	257	34.83	17.30	54.00	12.39	19.84	0.00	2.54
14-Sep-04	258	34.33	17.40	49.39	11.65	25.17	0.00	2.53
15-Sep-04	259	33.72	19.67	33.87	12.36	25.41	0.00	2.19
16-Sep-04	260	34.67	17.23	48.89	12.36	24.82	0.00	2.08
17-Sep-04	261	34.22	18.71	49.33	12.46	22.52	0.00	2.76
18-Sep-04	262	31.56	18.34	83.10	21.53	16.36	0.00	2.36
19-Sep-04	263	27.67	18.28	87.50	39.47	13.56	0.25	3.76
20-Sep-04	264	28.83	15.64	82.60	23.08	24.47	0.00	3.80
21-Sep-04	265	28.67	14.93	81.50	16.73	24.39	0.00	3.83
22-Sep-04	266	27.44	12.93	42.25	13.78	24.63	0.00	2.98
23-Sep-04	267	28.61	11.75	39.23	12.03	24.69	0.00	2.28
24-Sep-04	268	26.17	12.99	83.10	25.86	13.15	3.05	2.22
25-Sep-04	269	23.11	12.96	95.60	40.51	14.14	13.72	2.77
26-Sep-04	270	22.17	12.92	96.80	40.67	18.52	0.51	2.69
27-Sep-04	271	24.11	13.99	81.40	36.40	18.92	0.00	2.39
28-Sep-04	272	23.83	13.96	78.60	38.86	13.97	0.00	3.25
29-Sep-04	273	20.19	12.46	93.40	55.28	9.37	2.79	1.79
30-Sep-04	274	23.22	10.74	96.80	25.69	17.85	1.78	2.40
1-Oct-04	275	25.33	9.61	86.40	19.13	22.28	0.00	2.10
2-Oct-04	276	24.22	12.69	82.00	39.40	18.00	0.00	2.82
3-Oct-04	277	27.28	13.68	93.60	24.34	20.42	0.00	2.12
4-Oct-04	278	28.67	13.62	80.50	20.67	20.41	0.00	2.92
5-Oct-04	279	28.72	14.86	79.70	11.63	20.55	0.00	4.76
6-Oct-04	280	26.67	11.62	89.30	11.63	21.41	0.00	2.96
7-Oct-04	281	26.61	11.68	73.60	19.76	21.19	0.00	2.03
8-Oct-04	282	26.50	10.98	63.80	12.74	21.22	0.00	2.67
9-Oct-04	283	26.11	10.91	56.77	18.48	20.88	0.00	1.65
10-Oct-04	284	25.22	10.66	95.10	19.56	19.69	5.33	3.05
11-Oct-04	285	19.76	10.51	96.80	41.88	14.05	7.62	2.05
12-Oct-04	286	22.83	11.52	90.00	37.45	17.58	0.76	1.30
13-Oct-04	287	24.06	8.09	95.10	23.77	15.89	4.06	2.75
14-Oct-04	288	19.72	6.06	89.70	29.70	20.18	0.00	1.65
15-Oct-04	289	25.72	8.27	90.40	20.94	19.70	0.00	2.47
16-Oct-04	290	27.22	10.67	75.70	14.21	16.93	0.00	2.72
17-Oct-04	291	25.06	13.99	55.81	22.52	14.25	0.00	3.60
18-Oct-04	292	22.28	9.44	64.77	17.59	13.74	0.00	2.38
19-Oct-04	293	24.06	8.94	69.35	17.71	17.84	0.00	3.57

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
20-Oct-04	294	25.06	11.06	75.30	13.04	19.36	0.00	4.63
21-Oct-04	295	23.39	15.38	70.20	24.41	10.72	0.00	6.48
22-Oct-04	296	20.17	11.68	80.40	15.27	17.02	0.00	5.54
23-Oct-04	297	20.59	5.05	64.52	17.66	19.07	0.00	2.18
24-Oct-04	298	23.67	7.30	62.60	25.21	18.22	0.00	3.04
25-Oct-04	299	16.03	10.42	100.00	47.83	4.55	1.27	2.40
26-Oct-04	300	22.56	10.74	100.00	38.36	14.05	6.60	3.11
27-Oct-04	301	21.56	12.42	100.00	37.69	13.42	1.02	3.29
28-Oct-04	302	21.67	15.36	59.85	30.20	17.13	0.00	7.59
29-Oct-04	303	18.93	8.20	66.81	18.03	17.93	0.00	3.27
30-Oct-04	304	19.53	4.86	75.80	29.67	17.10	0.00	2.50
31-Oct-04	305	21.56	8.37	76.30	18.03	16.84	0.00	2.65
1-Nov-04	306	9.33	2.50	93.00	28.65	7.48	0.00	5.25
2-Nov-04	307	12.91	0.93	69.41	25.08	17.00	0.00	2.43
3-Nov-04	308	16.93	0.12	78.50	19.04	17.34	0.00	1.84
4-Nov-04	309	19.00	0.49	76.20	16.86	17.23	0.00	1.24
5-Nov-04	310	21.03	2.24	74.50	17.22	16.64	0.00	0.94
6-Nov-04	311	20.14	3.38	72.70	21.26	11.38	0.00	1.27
7-Nov-04	312	23.94	7.93	68.27	15.27	10.70	0.00	0.78
8-Nov-04	313	23.33	7.39	49.85	18.53	14.72	0.00	3.10
9-Nov-04	314	20.47	10.07	59.22	16.85	15.73	0.00	4.46
10-Nov-04	315	19.07	6.83	63.91	22.67	15.81	0.00	2.11
11-Nov-04	316	17.23	4.39	74.80	31.62	15.36	0.00	2.58
12-Nov-04	317	16.06	4.46	89.00	35.20	12.46	1.78	2.94
13-Nov-04	318	6.01	2.57	100.00	81.40	2.05	7.37	2.83
14-Nov-04	319	4.55	0.38	100.00	76.90	2.58	18.54	3.28
15-Nov-04	320	8.17	3.21	95.80	77.80	2.94	1.52	2.24
16-Nov-04	321	12.01	5.96	100.00	78.30	5.31	1.02	1.25
17-Nov-04	322	17.79	3.85	100.00	49.08	14.24	0.00	2.02
18-Nov-04	323	16.59	5.72	99.50	53.63	11.17	0.00	1.38
19-Nov-04	324	19.18	4.75	96.70	33.00	14.04	0.00	2.39
20-Nov-04	325	17.03	4.15	95.60	30.42	14.27	0.00	3.07
21-Nov-04	326	15.04	5.22	91.70	44.35	10.88	0.00	2.66
22-Nov-04	327	11.72	3.95	99.00	70.30	6.24	7.37	2.11
23-Nov-04	328	10.31	2.20	98.20	55.63	5.51	0.51	2.08
24-Nov-04	329	14.16	1.54	94.50	35.44	14.04	0.00	1.95
25-Nov-04	330	15.22	1.17	95.10	37.77	13.93	0.00	2.13
26-Nov-04	331	17.94	2.67	87.30	19.44	13.96	0.00	3.75
27-Nov-04	332	16.46	2.30	79.20	23.62	13.76	0.00	4.51
28-Nov-04	333	15.79	7.89	59.63	24.56	9.74	0.00	7.44
29-Nov-04	334	8.06	-2.59	80.20	25.70	10.53	0.00	3.35
30-Nov-04	335	7.39	-5.17	79.80	20.71	14.07	0.00	1.67
1-Dec-04	336	10.13	-5.48	88.60	24.34	13.91	0.00	1.30

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
2-Dec-04	337	11.89	-4.74	83.30	22.29	13.61	0.00	1.08
3-Dec-04	338	12.78	-2.93	71.00	16.26	13.42	0.00	1.18
4-Dec-04	339	8.40	0.63	98.10	32.00	6.12	2.54	1.14
5-Dec-04	340	11.23	2.74	99.70	39.45	12.98	0.25	2.64
6-Dec-04	341	12.14	2.32	97.90	32.58	10.46	3.81	3.16
7-Dec-04	342	11.65	0.59	87.30	42.66	12.25	0.00	1.86
8-Dec-04	343	14.39	0.89	96.80	31.57	11.79	0.00	2.29
9-Dec-04	344	18.78	1.40	92.80	29.64	12.93	0.00	1.49
10-Dec-04	345	16.56	2.68	88.30	31.12	13.02	0.00	1.80
11-Dec-04	346	18.81	1.33	95.70	30.75	12.99	0.00	1.22
12-Dec-04	347	19.42	1.73	94.00	26.64	13.03	0.00	1.36
13-Dec-04	348	14.11	2.23	88.40	36.75	12.66	0.00	2.13
14-Dec-04	349	10.64	-1.05	79.10	33.43	12.75	0.00	1.73
15-Dec-04	350	12.57	-2.06	89.30	34.30	12.86	0.00	1.04
16-Dec-04	351	9.77	1.91	78.90	37.04	7.17	0.00	3.28
17-Dec-04	352	12.66	-1.79	79.60	27.40	13.01	0.00	1.47
18-Dec-04	353	12.54	-3.14	85.60	24.00	12.92	0.00	1.96
19-Dec-04	354	17.21	-2.73	85.90	15.98	13.08	0.00	1.45
20-Dec-04	355	16.13	-2.19	70.50	26.89	12.98	0.00	3.03
21-Dec-04	356	13.89	1.86	74.30	30.93	6.93	0.00	2.80
22-Dec-04	357	6.49	-1.82	93.70	40.49	11.92	0.00	2.98
23-Dec-04	358	2.30	-5.76	91.40	29.79	5.49	0.00	3.17
24-Dec-04	359	3.50	-9.78	72.30	24.53	13.03	0.00	2.31
25-Dec-04	360	10.37	-6.25	75.60	19.56	13.07	0.00	1.34
26-Dec-04	361	12.44	-4.81	78.30	23.87	11.94	0.00	1.13
27-Dec-04	362	15.71	-1.19	78.80	25.31	11.13	0.00	1.24
28-Dec-04	363	17.39	0.29	81.80	26.66	11.63	0.00	1.89
29-Dec-04	364	19.07	3.54	81.00	39.08	9.84	0.00	5.44
30-Dec-04	365	19.84	5.38	84.30	22.60	13.05	0.00	3.05
31-Dec-04	366	16.87	1.33	85.60	31.22	11.80	0.00	2.55

**Appendix G: DAILY WEATHER DATA MEASURED AT THE NORTH LAKE  
WEATHER STATION IN THE YEAR 2005**

<b>North Lake Weather Station (NLWS)</b>								
<b>Sierra County, New Mexico</b>								
<b>Latitude : 33° 17' 50"</b>								
<b>Longitude : 107° 11' 38"</b>								
<b>Elevation : 1345 m</b>								
Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
1-Jan-05	1	18.48	0.14	88.50	17.81	12.17	0.00	2.48
2-Jan-05	2	9.83	5.83	96.70	35.57	2.36	5.33	0.38
3-Jan-05	3	12.16	5.73	98.20	71.90	6.10	12.45	0.40
4-Jan-05	4	11.59	4.95	95.60	54.74	5.01	3.30	4.39
5-Jan-05	5	11.79	-0.40	82.80	21.56	14.24	0.00	2.27
6-Jan-05	6	9.26	-3.49	90.10	33.30	12.80	0.00	1.78
7-Jan-05	7	12.40	-2.72	86.30	23.04	13.28	0.00	0.79
8-Jan-05	8	17.00	-2.01	89.40	26.27	13.54	0.00	2.17
9-Jan-05	9	17.13	0.82	92.30	28.26	8.63	0.00	0.48
10-Jan-05	10	23.59	3.84	84.70	12.24	14.10	0.00	1.92
11-Jan-05	11	19.82	2.73	84.80	16.66	10.64	0.00	4.16
12-Jan-05	12	11.45	0.88	77.40	24.70	11.07	0.00	5.29
13-Jan-05	13	12.72	-4.87	84.10	18.52	14.96	0.00	0.78
14-Jan-05	14	12.53	-2.25	78.40	21.36	11.28	0.00	0.68
15-Jan-05	15	17.50	-5.28	92.80	13.66	15.02	0.00	0.70
16-Jan-05	16	17.17	-2.92	77.90	12.61	15.09	0.00	1.17
17-Jan-05	17	18.84	-2.51	75.80	15.61	15.12	0.00	1.13
18-Jan-05	18	18.75	-3.32	84.30	18.25	15.15	0.00	1.12
19-Jan-05	19	20.29	-2.38	85.30	17.16	15.24	0.00	1.24
20-Jan-05	20	18.65	-0.36	78.80	23.61	11.87	0.00	0.94
21-Jan-05	21	13.40	3.54	89.30	41.53	5.12	0.00	0.59
22-Jan-05	22	15.68	3.84	92.60	30.12	7.70	0.00	3.16
23-Jan-05	23	16.32	1.43	78.20	26.07	14.99	0.00	1.08
24-Jan-05	24	17.20	0.14	82.60	33.09	14.13	0.00	1.92
25-Jan-05	25	19.98	3.10	77.80	22.53	15.32	0.00	1.89
26-Jan-05	26	11.01	3.40	97.00	51.32	4.34	3.30	1.05
27-Jan-05	27	15.41	2.90	97.30	29.17	10.28	3.56	2.38
28-Jan-05	28	16.69	1.32	77.90	24.62	16.42	0.00	2.50
29-Jan-05	29	15.58	-1.20	93.50	24.25	15.91	0.00	1.97
30-Jan-05	30	13.07	0.61	83.00	23.25	12.24	0.00	1.60
31-Jan-05	31	10.30	-2.61	94.50	32.25	9.52	0.00	3.30
1-Feb-05	32	9.87	-1.47	81.90	32.09	12.73	0.00	2.66
2-Feb-05	33	8.52	-1.40	79.00	27.67	12.06	0.00	2.49
3-Feb-05	34	13.90	-5.41	89.60	19.26	17.38	0.00	0.85
4-Feb-05	35	11.69	-5.05	95.30	28.24	8.58	0.76	1.31



Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
5-Feb-05	36	7.85	1.66	99.00	72.30	4.73	0.51	1.13
6-Feb-05	37	13.26	2.36	98.80	43.83	12.93	2.54	2.16
7-Feb-05	38	13.67	0.38	97.30	37.14	15.17	0.00	2.81
8-Feb-05	39	15.99	-0.30	95.40	26.14	17.56	0.00	0.94
9-Feb-05	40	13.57	0.04	71.80	11.50	14.61	0.00	1.39
10-Feb-05	41	10.24	2.23	94.80	35.12	5.84	0.76	0.65
11-Feb-05	42	8.56	5.43	98.00	93.90	1.97	14.48	1.11
12-Feb-05	43	15.38	6.30	98.00	44.49	7.86	4.06	3.01
13-Feb-05	44	19.32	4.99	77.60	27.04	18.72	0.00	2.07
14-Feb-05	45	20.10	0.82	96.40	33.83	13.68	0.00	0.93
15-Feb-05	46	20.36	7.38	75.50	18.61	11.68	0.00	2.06
16-Feb-05	47	18.98	7.14	84.50	32.34	9.20	0.00	0.52
17-Feb-05	48	12.13	8.19	91.90	57.69	5.38	0.25	1.30
18-Feb-05	49	16.59	7.04	96.40	50.93	11.35	0.51	2.50
19-Feb-05	50	20.06	4.08	96.80	28.06	14.81	0.00	3.15
20-Feb-05	51	18.11	4.52	88.70	22.39	16.36	0.00	2.26
21-Feb-05	52	18.68	2.97	78.90	23.78	17.56	0.00	1.82
22-Feb-05	53	18.95	4.41	89.50	23.74	15.42	1.02	2.13
23-Feb-05	54	18.04	2.94	96.00	25.76	18.77	0.00	1.49
24-Feb-05	55	7.45	0.24	98.90	74.10	6.07	5.59	6.02
25-Feb-05	56	10.64	1.05	95.30	50.17	9.76	0.00	1.72
26-Feb-05	57	12.72	1.05	97.00	43.75	14.50	0.76	1.63
27-Feb-05	58	15.28	1.02	93.70	23.98	16.43	0.00	1.62
28-Feb-05	59	16.93	-0.26	92.80	17.98	20.75	0.00	1.51
1-Mar-05	60	18.65	-0.74	92.80	17.27	19.61	0.00	1.70
2-Mar-05	61	18.78	0.99	78.60	14.13	19.79	0.00	1.16
3-Mar-05	62	18.41	3.25	71.10	18.04	16.38	0.00	1.90
4-Mar-05	63	18.62	1.73	83.00	21.48	18.19	0.00	0.66
5-Mar-05	64	18.51	6.67	86.40	22.63	18.20	2.03	1.78
6-Mar-05	65	13.83	4.72	94.00	51.50	13.28	11.68	2.32
7-Mar-05	66	18.98	1.59	97.40	29.61	21.91	0.00	1.06
8-Mar-05	67	23.59	2.50	95.60	13.86	21.93	0.00	2.19
9-Mar-05	68	20.92	4.79	77.10	11.50	22.39	0.00	1.51
10-Mar-05	69	24.03	4.35	80.70	13.69	22.22	0.00	0.86
11-Mar-05	70	21.53	6.41	56.62	21.24	22.00	0.00	2.87
12-Mar-05	71	27.70	3.54	82.50	6.98	23.15	0.00	2.62
13-Mar-05	72	24.33	10.78	43.02	13.45	20.32	0.00	4.21
14-Mar-05	73	20.37	4.04	75.80	13.05	15.57	0.00	3.04
15-Mar-05	74	6.37	-1.30	97.90	33.00	15.59	0.25	5.23
16-Mar-05	75	13.79	-5.85	89.30	12.35	23.87	0.00	1.51
17-Mar-05	76	19.06	0.48	55.74	12.41	21.62	0.00	3.30
18-Mar-05	77	19.28	4.38	45.82	13.90	18.15	0.00	3.26
19-Mar-05	78	18.21	6.60	74.70	26.58	15.91	0.00	1.99

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
20-Mar-05	79	19.08	4.82	74.60	22.77	17.19	0.00	3.98
21-Mar-05	80	17.88	7.05	47.18	13.76	19.23	0.00	5.69
22-Mar-05	81	19.38	1.93	52.80	11.47	23.82	0.00	2.15
23-Mar-05	82	22.51	3.95	53.97	11.06	23.54	0.00	3.54
24-Mar-05	83	18.25	6.47	62.57	15.04	21.37	0.00	2.81
25-Mar-05	84	17.47	4.68	78.30	18.65	18.57	0.00	2.69
26-Mar-05	85	13.90	2.47	75.20	21.22	14.47	0.00	4.21
27-Mar-05	86	18.98	-1.78	89.10	15.92	24.90	0.00	1.55
28-Mar-05	87	25.61	3.51	73.30	7.42	19.92	0.00	2.85
29-Mar-05	88	19.43	9.02	37.38	10.69	24.88	0.00	5.31
30-Mar-05	89	20.00	5.33	41.04	9.92	25.21	0.00	4.17
31-Mar-05	90	15.28	2.74	45.94	10.43	22.85	0.00	4.56
1-Apr-05	91	17.61	-0.16	50.00	11.10	26.36	0.00	1.57
2-Apr-05	92	21.97	1.19	49.86	10.15	26.55	0.00	1.61
3-Apr-05	93	23.72	7.55	48.50	9.17	11.50	0.00	1.33
4-Apr-05	94	25.98	5.46	60.48	6.81	23.00	0.00	4.93
5-Apr-05	95	22.00	8.46	29.83	8.73	26.67	0.00	5.86
6-Apr-05	96	23.69	2.46	37.96	8.73	26.55	0.00	0.93
7-Apr-05	97	24.87	4.72	39.35	11.94	26.69	0.00	1.84
8-Apr-05	98	27.69	5.90	47.32	5.53	24.39	0.00	3.48
9-Apr-05	99	21.80	6.54	41.55	7.89	25.69	0.00	4.78
10-Apr-05	100	16.80	2.33	66.93	18.82	13.48	0.00	3.65
11-Apr-05	101	23.52	3.31	69.67	8.13	27.43	0.00	2.41
12-Apr-05	102	24.90	3.14	38.07	7.82	27.67	0.00	1.05
13-Apr-05	103	28.30	2.47	44.46	9.27	27.24	0.00	2.02
14-Apr-05	104	29.30	6.84	44.27	9.54	26.88	0.00	1.78
15-Apr-05	105	29.40	8.93	47.68	10.85	26.32	0.00	2.28
16-Apr-05	106	26.18	10.37	91.80	26.90	16.40	6.60	3.02
17-Apr-05	107	25.04	8.49	91.70	18.00	18.95	0.00	1.99
18-Apr-05	108	27.79	7.35	84.70	8.06	27.89	0.00	2.63
19-Apr-05	109	27.03	9.26	33.10	6.31	28.63	0.00	4.92
20-Apr-05	110	28.10	8.25	42.99	5.39	28.70	0.00	3.28
21-Apr-05	111	25.78	7.04	38.06	8.56	28.78	0.00	1.42
22-Apr-05	112	28.25	7.58	54.66	6.41	26.19	0.00	2.03
23-Apr-05	113	25.98	10.61	54.35	16.82	27.49	0.00	2.59
24-Apr-05	114	22.38	9.70	93.50	13.22	20.92	3.05	3.74
25-Apr-05	115	23.15	8.15	68.15	13.96	26.67	1.27	3.72
26-Apr-05	116	23.39	4.89	84.40	16.82	24.56	0.00	1.59
27-Apr-05	117	26.62	8.29	57.63	7.69	28.55	0.00	3.35
28-Apr-05	118	27.23	7.18	66.38	7.48	28.56	0.00	3.58
29-Apr-05	119	21.67	7.01	57.77	17.33	21.45	0.00	3.06
30-Apr-05	120	23.69	3.23	79.30	13.08	29.35	0.00	2.57
1-May-05	121	27.39	8.46	43.69	7.45	22.95	0.00	2.76

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
2-May-05	122	22.95	8.08	66.17	22.08	25.54	0.00	5.08
3-May-05	123	23.15	4.79	82.70	19.86	22.61	0.00	3.12
4-May-05	124	26.04	9.63	87.50	19.15	28.17	0.00	1.84
5-May-05	125	28.74	11.11	61.54	15.24	21.38	0.00	2.36
6-May-05	126	28.17	9.53	74.50	8.87	25.55	0.00	4.41
7-May-05	127	24.50	8.79	44.47	8.36	21.72	0.00	3.40
8-May-05	128	26.41	8.66	35.77	10.25	30.19	0.00	2.60
9-May-05	129	30.07	9.76	37.05	9.44	30.19	0.00	3.05
10-May-05	130	30.24	9.80	54.52	7.62	30.35	0.00	3.98
11-May-05	131	27.16	12.29	44.26	6.20	30.48	0.00	3.79
12-May-05	132	29.33	6.91	29.33	3.91	31.02	0.00	2.56
13-May-05	133	29.73	10.54	32.96	6.27	30.27	0.00	2.01
14-May-05	134	30.88	12.06	55.25	7.52	27.66	0.00	3.65
15-May-05	135	28.13	13.33	86.10	26.30	19.36	7.37	1.76
16-May-05	136	31.15	10.44	83.90	10.14	29.89	0.00	2.88
17-May-05	137	30.71	18.38	33.19	9.54	23.73	0.00	3.41
18-May-05	138	30.41	15.82	48.20	11.94	27.14	0.00	2.32
19-May-05	139	36.07	12.73	57.05	9.67	30.77	0.00	1.13
20-May-05	140	38.21	14.85	40.55	6.91	30.77	0.00	1.58
21-May-05	141	39.22	16.93	42.23	7.38	30.40	0.00	2.53
22-May-05	142	39.99	17.61	47.59	7.04	27.43	0.00	2.33
23-May-05	143	39.44	19.49	26.10	5.60	22.75	0.00	1.89
24-May-05	144	38.48	18.41	42.60	7.95	25.32	0.00	1.73
25-May-05	145	36.64	20.79	25.12	4.95	27.39	0.00	1.99
26-May-05	146	33.00	17.07	80.80	21.00	24.79	6.10	4.36
27-May-05	147	29.24	15.32	88.10	26.19	27.70	0.00	2.82
28-May-05	148	27.66	14.48	89.80	30.28	21.95	3.81	2.02
29-May-05	149	28.50	14.51	81.20	22.42	18.17	0.25	1.52
30-May-05	150	32.70	13.95	79.80	11.49	29.60	0.00	2.89
31-May-05	151	32.83	15.92	38.22	9.54	30.94	0.00	2.45
1-Jun-05	152	35.77	14.78	64.36	6.10	30.86	0.00	2.89
2-Jun-05	153	32.87	19.02	34.17	9.23	22.02	0.00	2.65
3-Jun-05	154	33.04	14.27	30.12	7.04	31.07	0.00	3.67
4-Jun-05	155	30.71	12.80	54.25	10.85	29.73	0.00	2.03
5-Jun-05	156	33.27	14.65	23.48	7.72	31.28	0.00	2.27
6-Jun-05	157	34.22	14.42	42.58	5.49	31.53	0.00	3.02
7-Jun-05	158	35.29	15.01	32.55	4.82	31.57	0.00	3.18
8-Jun-05	159	35.56	16.36	24.56	4.55	31.65	0.00	2.86
9-Jun-05	160	35.07	13.97	22.47	3.88	29.60	0.00	3.16
10-Jun-05	161		22.45	65.52	7.99	10.43	0.00	2.83
11-Jun-05	162	32.33	16.09	38.89	8.19	30.77	0.00	3.27
12-Jun-05	163	32.60	15.59	50.12	11.32	28.14	0.00	2.20
13-Jun-05	164	34.18	16.53	38.54	8.80	30.86	0.00	1.22

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
14-Jun-05	165	36.66	18.68	36.35	7.31	30.86	0.00	3.09
15-Jun-05	166	38.21	18.54	46.14	7.55	27.60	0.00	2.62
16-Jun-05	167	39.21	18.08	38.99	5.05	30.35	0.00	2.70
17-Jun-05	168	37.64	17.50	28.09	2.97	32.07	0.00	2.89
18-Jun-05	169	37.87	17.30	22.46	2.43	32.11	0.00	2.99
19-Jun-05	170	38.64	19.19	24.71	5.49	29.19	0.00	1.71
20-Jun-05	171	39.92	18.92	46.60	7.21	29.23	0.00	2.06
21-Jun-05	172	36.93	18.55	53.54	11.63	29.19	0.00	2.55
22-Jun-05	173	35.56	18.01	60.13	9.84	29.77	0.00	1.49
23-Jun-05	174	37.03	17.64	32.74	7.58	29.81	0.00	1.92
24-Jun-05	175	37.34	19.53	48.57	9.71	26.66	0.00	1.94
25-Jun-05	176	36.70	22.37	46.97	11.42	21.47	0.00	3.16
26-Jun-05	177	38.35	18.55	59.88	7.14	29.19	0.00	2.48
27-Jun-05	178	37.84	19.93	54.67	8.76	26.79	0.00	2.50
28-Jun-05	179	38.95	19.72	33.78	10.21	25.66	0.00	2.76
29-Jun-05	180	41.47	18.89	39.49	6.10	28.99	0.00	2.40
30-Jun-05	181	42.18	19.32	33.18	5.90	29.07	0.00	2.33
1-Jul-05	182	39.76	21.17	26.17	5.39	23.21	0.00	2.48
2-Jul-05	183	39.85	19.36	28.60	3.07	30.10	0.00	2.07
3-Jul-05	184	40.32	23.12	16.25	5.26	28.87	0.00	2.95
4-Jul-05	185	38.98	18.72	26.91	3.81	31.28	0.00	2.29
5-Jul-05	186	39.62	19.22	31.64	6.97	28.73	0.00	2.43
6-Jul-05	187	39.62	20.57	32.10	6.07	29.01	0.00	2.36
7-Jul-05	188	39.62	19.60	35.03	6.27	29.60	0.00	1.97
8-Jul-05	189	39.21	19.49	34.46	7.01	22.34	0.00	2.57
9-Jul-05	190	37.30	20.87	38.91	9.67	27.90	0.00	2.99
10-Jul-05	191	38.62	20.56	46.77	6.67	27.64	0.00	2.30
11-Jul-05	192	41.03	19.39	53.56	4.78	31.02	0.00	2.27
12-Jul-05	193	38.85	19.15	41.10	9.40	27.27	0.25	1.74
13-Jul-05	194	36.92	22.37	66.39	13.41	26.26	0.76	2.06
14-Jul-05	195	39.45	18.04	64.74	9.47	31.19	0.00	1.84
15-Jul-05	196	39.35	20.19	40.37	9.91	30.40	0.00	3.05
16-Jul-05	197	37.50	20.94	77.80	15.47	25.73	0.51	2.25
17-Jul-05	198	38.03	21.87	60.72	13.04	26.66	0.00	3.26
18-Jul-05	199	38.98	22.04	52.66	12.63	31.11	0.00	2.00
19-Jul-05	200	39.35	22.44	50.94	11.93	28.55	0.00	2.36
20-Jul-05	201	39.58	19.75	63.43	11.42	30.86	0.00	1.60
21-Jul-05	202	37.43	21.64	53.71	11.96	30.86	0.00	2.15
22-Jul-05	203	34.98	23.49	53.47	13.14	21.12	0.00	2.11
23-Jul-05	204	36.38	20.36	59.32	16.95	27.75	0.00	1.59
24-Jul-05	205	35.70	22.14	66.05	17.53	17.98	0.76	2.59
25-Jul-05	206	36.66	22.47	67.41	16.95	22.64	2.79	1.65
26-Jul-05	207	35.06	19.58	87.50	18.50	22.20	2.03	2.74

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
27-Jul-05	208	30.88	19.25	78.10	27.44	24.65	0.00	4.08
28-Jul-05	209	34.10	16.73	78.40	13.01	30.56	0.00	1.98
29-Jul-05	210	35.05	16.96	70.70	13.62	29.77	0.00	1.73
30-Jul-05	211	33.71	19.99	73.50	16.04	24.83	1.02	2.08
31-Jul-05	212	36.70	19.26	73.90	12.06	27.68	0.00	1.47
1-Aug-05	213	36.04	20.73	44.88	13.24	29.81	0.00	1.37
2-Aug-05	214	36.42	20.26	43.53	13.45	29.35	0.00	1.51
3-Aug-05	215	36.79	19.83	47.82	12.50	29.85	0.00	1.80
4-Aug-05	216	36.43	20.13	58.66	13.41	24.95	0.00	1.86
5-Aug-05	217	30.85	19.32	84.10	27.23	20.78	0.51	2.88
6-Aug-05	218	32.23	20.30	66.46	23.53	26.28	0.00	1.87
7-Aug-05	219	33.34	19.16	78.80	26.12	20.10	0.25	1.67
8-Aug-05	220	33.85	20.50	74.70	24.87	22.82	0.00	1.61
9-Aug-05	221	36.16	20.10	64.85	18.63	24.11	1.27	1.39
10-Aug-05	222	36.52	19.36	73.60	15.97	29.14	0.00	2.36
11-Aug-05	223	36.82	21.84	58.53	14.56	26.00	0.00	2.63
12-Aug-05	224	33.61	17.47	92.80	28.11	20.35	10.41	2.28
13-Aug-05	225	30.88	18.14	94.10	34.31	22.15	2.54	1.58
14-Aug-05	226	26.79	18.62	87.60	47.74	11.90	0.25	2.69
15-Aug-05	227	30.54	17.77	87.80	30.47	23.23	0.25	1.17
16-Aug-05	228	33.61	18.25	84.00	18.60	28.37	0.00	1.73
17-Aug-05	229	32.30	20.13	63.54	16.68	17.15	0.00	1.53
18-Aug-05	230	31.99	20.60	79.50	26.90	16.24	0.00	1.64
19-Aug-05	231	29.90	20.13	80.10	27.40	13.13	0.00	1.68
20-Aug-05	232	29.63	19.01	82.70	33.60	17.02	0.00	1.78
21-Aug-05	233	33.10	15.73	91.90	23.53	27.71	0.00	1.58
22-Aug-05	234	33.58	18.28	88.00	21.13	26.37	0.51	1.93
23-Aug-05	235	33.31	19.96	72.50	22.78	19.34	0.00	2.41
24-Aug-05	236	33.27	18.62	82.70	23.42	25.39	0.00	1.98
25-Aug-05	237	34.45	17.37	79.20	16.78	25.03	0.00	1.47
26-Aug-05	238	38.07	21.17	65.51	13.04	25.97	0.00	1.48
27-Aug-05	239	36.83	19.46	68.32	12.67	26.55	0.00	1.80
28-Aug-05	240	36.07	19.76	64.55	11.59	25.26	0.51	3.10
29-Aug-05	241	34.49	16.00	67.73	10.72	27.44	0.00	1.83
30-Aug-05	242	37.11	16.56	56.05	7.55	24.68	0.00	2.68
31-Aug-05	243	37.68	20.03	40.39	9.13	25.11	0.00	1.83
1-Sep-05	244	33.04	18.48	90.70	13.25	18.91	2.54	2.13
2-Sep-05	245	30.21	17.10	91.60	27.30	23.25	0.51	1.59
3-Sep-05	246	31.69	16.73	78.80	21.81	20.88	0.00	1.69
4-Sep-05	247	31.65	18.95	94.50	27.10	21.62	16.76	1.89
5-Sep-05	248	29.97	18.55	96.00	39.97	20.80	7.37	1.19
6-Sep-05	249	30.27	19.33	89.00	36.64	16.26	2.54	1.42
7-Sep-05	250	28.63	18.85	91.00	41.26	12.79	0.00	0.37

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
8-Sep-05	251	30.51	16.49	74.10	24.10	24.72	0.00	1.24
9-Sep-05	252	31.99	15.89	73.20	22.14	23.22	0.00	2.16
10-Sep-05	253	33.31	19.19	63.98	14.05	22.42	0.00	2.02
11-Sep-05	254	33.04	16.63	81.20	15.84	24.54	0.00	2.48
12-Sep-05	255	32.56	16.03	57.31	14.76	21.30	0.00	2.23
13-Sep-05	256	32.83	14.39	62.75	5.90	26.18	0.00	2.29
14-Sep-05	257	32.06	13.24	32.59	7.62	26.13	0.00	2.60
15-Sep-05	258	30.78	12.29	29.86	9.27	25.94	0.00	1.67
16-Sep-05	259	33.54	11.86	39.61	10.21	25.68	0.00	3.08
17-Sep-05	260	35.97	15.56	42.93	11.16	21.60	0.00	2.23
18-Sep-05	261	35.90	15.76	55.49	11.76	22.78	0.00	1.71
19-Sep-05	262	35.77	16.70	47.35	13.55	16.20	0.00	1.21
20-Sep-05	263	35.77	17.81	46.27	6.51	24.22	0.00	1.85
21-Sep-05	264	33.95	16.83	39.53	13.41	23.59	0.00	1.92
22-Sep-05	265	35.43	17.50	54.10	15.47	19.95	0.00	1.20
23-Sep-05	266	33.85	15.76	69.83	15.34	19.69	0.00	1.58
24-Sep-05	267	35.97	17.61	54.33	10.25	22.39	0.00	2.18
25-Sep-05	268	35.63	15.56	50.93	9.23	23.89	0.00	2.40
26-Sep-05	269	36.88	15.92	33.86	8.53	23.76	0.00	1.23
27-Sep-05	270	35.16	15.69	43.01	12.67	22.47	0.00	2.46
28-Sep-05	271	32.56	14.60	88.70	16.95	13.52	0.25	1.97
29-Sep-05	272	26.62	12.16	90.80	28.29	19.87	0.76	4.07
30-Sep-05	273	30.51	11.75	94.00	17.66	22.63	0.00	0.90
1-Oct-05	274	32.06	11.21	79.70	8.22	22.25	0.00	1.40
2-Oct-05	275	28.00	18.14	57.74	14.33	11.20	0.00	2.73
3-Oct-05	276	31.55	14.01	77.70	21.50	14.86	0.25	2.01
4-Oct-05	277	30.48	16.46	89.20	29.76	18.97	0.00	2.96
5-Oct-05	278	32.03	14.77	79.10	21.37	19.74	0.00	1.89
6-Oct-05	279	15.32	9.12	94.40	58.74	6.90	1.02	4.32
7-Oct-05	280	22.00	8.96	96.70	46.59	12.98	0.00	0.34
8-Oct-05	281	28.52	9.40	92.50	24.33	19.74	0.76	2.27
9-Oct-05	282	22.88	11.59	95.70	30.45	11.46	6.10	2.56
10-Oct-05	283	20.97	9.76	82.90	20.00	15.17	0.00	2.39
11-Oct-05	284	23.22	5.93	86.20	17.30	21.06	0.00	1.21
12-Oct-05	285	25.51	5.56	82.30	12.58	21.03	0.00	0.87
13-Oct-05	286	23.49	10.30	78.40	27.48	15.46	0.00	2.80
14-Oct-05	287	24.80	8.29	83.50	30.04	19.02	0.00	0.35
15-Oct-05	288	17.40	10.20	94.40	62.73	6.47	10.16	1.10
16-Oct-05	289	25.68	8.62	95.80	26.64	18.73	0.00	0.47
17-Oct-05	290	27.46	8.19	92.10	17.13	19.75	0.00	0.58
18-Oct-05	291	27.99	9.33	87.60	30.24	17.62	0.00	2.36
19-Oct-05	292	24.50	10.94	69.16	20.77	19.81	0.00	1.97
20-Oct-05	293	25.58	8.43	68.38	19.69	19.67	0.00	0.82

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
21-Oct-05	294	26.48	7.45	76.00	17.53	17.46	0.00	0.55
22-Oct-05	295	27.72	7.25	77.00	20.12	19.05	0.00	1.36
23-Oct-05	296	23.72	7.88	80.50	25.99	18.77	0.00	4.63
24-Oct-05	297	19.52	6.41	73.00	36.32	13.60	0.00	2.00
25-Oct-05	298	24.53	3.65	89.10	23.30	18.71	0.00	1.50
26-Oct-05	299	24.46	6.44	81.20	18.04	18.39	0.00	0.85
27-Oct-05	300	24.60	9.33	60.76	19.08	18.14	0.00	2.03
28-Oct-05	301	22.78	6.27	67.94	31.46	15.65	0.00	1.83
29-Oct-05	302	23.82	8.39	70.30	19.69	16.01	0.00	1.54
30-Oct-05	303	24.33	5.16	67.70	18.00	17.96	0.00	1.21
31-Oct-05	304	20.36	6.17	43.94	13.18	18.13	0.00	2.36
1-Nov-05	305	23.32	0.82	53.14	9.31	18.08	0.00	0.45
2-Nov-05	306	25.88	2.80	61.32	13.76	15.20	0.00	1.38
3-Nov-05	307	27.36	7.11	61.12	12.27	13.76	0.00	2.00
4-Nov-05	308	27.26	7.28	62.39	10.92	17.38	0.00	2.20
5-Nov-05	309	25.17	6.84	56.18	10.42	17.58	0.00	1.75
6-Nov-05	310	25.21	3.92	37.40	10.25	16.90	0.00	1.58
7-Nov-05	311	26.69	5.80	55.61	10.69	15.48	0.00	1.58
8-Nov-05	312	25.64	4.89	49.87	13.01	12.29	0.00	0.54
9-Nov-05	313	28.11	4.92	57.45	12.27	13.68	0.00	0.82
10-Nov-05	314	26.69	5.76	60.29	15.34	15.99	0.00	0.78
11-Nov-05	315	25.85	8.39	60.93	9.74	15.40	0.00	3.48
12-Nov-05	316	22.34	6.81	54.30	18.61	16.44	0.00	2.14
13-Nov-05	317	21.63	2.37	53.10	13.65	16.30	0.00	1.06
14-Nov-05	318	24.77	3.61	61.10	12.81	15.28	0.00	1.88
15-Nov-05	319	17.10	3.18	44.20	11.10	16.07	0.00	3.60
16-Nov-05	320	15.89	-2.11	36.76	13.22	16.12	0.00	0.95
17-Nov-05	321	19.18	-3.73	58.80	13.66	15.82	0.00	0.76
18-Nov-05	322	16.53	1.83	61.84	20.17	15.67	0.00	3.73
19-Nov-05	323	16.42	-4.84	71.20	15.24	15.30	0.00	1.49
20-Nov-05	324	16.36	-3.39	77.00	18.31	15.45	0.00	1.11
21-Nov-05	325	20.33	-3.97	72.70	10.55	15.30	0.00	0.67
22-Nov-05	326	20.47	-3.32	54.81	12.71	14.64	0.00	0.73
23-Nov-05	327	20.22	-1.57	50.89	10.86	12.12	0.00	0.45
24-Nov-05	328	23.25	3.91	48.43	15.71	14.51	0.00	1.10
25-Nov-05	329	21.43	2.07	46.86	11.56	14.78	0.00	0.59
26-Nov-05	330	19.93	0.01	61.64	16.80	10.99	0.00	2.97
27-Nov-05	331	10.81	-0.09	86.60	12.55	15.17	0.00	7.94
28-Nov-05	332	8.95	-4.91	43.06	9.58	15.24	0.00	4.38
29-Nov-05	333	12.46	-6.99	46.42	10.73	14.18	0.00	1.18
30-Nov-05	334	20.80	-4.67	44.35	10.99	14.57	0.00	1.72
1-Dec-05	335	20.29	-1.95	59.26	13.49	14.26	0.00	1.92
2-Dec-05	336	24.84	1.36	57.87	8.46	13.39	0.00	3.16

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
3-Dec-05	337	20.80	3.81	43.31	12.44	14.18	0.00	3.64
4-Dec-05	338	10.94	-2.55	54.90	17.28	14.51	0.00	1.90
5-Dec-05	339	9.90	-7.84	40.07	8.81	14.66	0.00	0.51
6-Dec-05	340	12.09	-9.66	45.76	9.48	14.49	0.00	0.85
7-Dec-05	341	11.05	-9.16	46.44	11.07	13.93	0.00	2.21
8-Dec-05	342	8.28	-9.69	53.93	13.83	13.97	0.00	1.35
9-Dec-05	343	12.22	-7.74	44.05	13.23	13.36	0.00	0.53
10-Dec-05	344	16.63	-6.93	59.98	10.15	14.07	0.00	0.65
11-Dec-05	345	11.82	-2.42	38.36	13.66	7.49	0.00	0.29
12-Dec-05	346	13.10	-0.47	34.67	13.36	6.49	0.00	0.49
13-Dec-05	347	18.48	5.63	78.80	11.84	9.99	0.25	2.20



**Appendix H: DAILY WEATHER DATA MEASURED AT THE SOUTH LAKE  
WEATHER STATION IN THE YEAR 2005**

<b>South Lake Weather Station (SLWS)</b>								
<b>Sierra County, New Mexico</b>								
<b>Latitude : 33° 8' 45.52"</b>								
<b>Longitude : 107° 11' 3.44"</b>								
<b>Elevation : 1378 m</b>								
Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
1-Jan-05	1	19.01	1.79	90.10	19.95	12.49	0.00	2.74
2-Jan-05	2	11.13	6.72	100.00	47.56	2.30	4.32	1.22
3-Jan-05	3	11.58	5.66	100.00	81.10	4.99	7.87	2.10
4-Jan-05	4	12.37	5.66	97.10	51.90	7.34	3.30	6.99
5-Jan-05	5	11.21	1.98	75.60	29.02	11.02	0.00	2.41
6-Jan-05	6	9.49	-2.23	95.50	31.60	12.10	0.00	1.96
7-Jan-05	7	11.88	-0.15	84.50	29.29	12.56	0.00	1.67
8-Jan-05	8	17.33	0.22	88.80	27.36	12.90	0.00	2.61
9-Jan-05	9	16.84	2.23	88.30	32.21	11.04	0.00	1.25
10-Jan-05	10	23.11	5.69	85.20	13.72	12.92	0.00	2.65
11-Jan-05	11	19.71	5.86	80.70	20.01	10.85	0.00	5.12
12-Jan-05	12	12.26	3.61	77.20	25.32	12.01	0.00	6.06
13-Jan-05	13	12.34	-0.62	68.75	21.64	14.27	0.00	1.69
14-Jan-05	14	12.76	-0.04	74.30	26.23	9.86	0.00	1.10
15-Jan-05	15	15.22	-2.49	87.10	18.34	14.29	0.00	1.16
16-Jan-05	16	18.34	-1.26	72.90	15.55	14.32	0.00	1.24
17-Jan-05	17	18.44	-0.94	72.40	19.72	14.34	0.00	1.09
18-Jan-05	18	17.76	-0.08	81.50	23.14	14.32	0.00	1.41
19-Jan-05	19	19.91	0.66	81.00	20.15	14.54	0.00	1.33
20-Jan-05	20	16.97	1.83	79.10	28.90	11.50	0.00	1.25
21-Jan-05	21	13.32	5.38	94.90	50.96	4.64	0.00	1.24
22-Jan-05	22	15.55	5.32	95.10	34.02	7.51	0.00	2.54
23-Jan-05	23	16.56	4.28	75.50	29.00	14.11	0.00	1.77
24-Jan-05	24	17.13	3.17	75.50	37.48	12.71	0.00	2.40
25-Jan-05	25	19.84	3.34	81.60	24.72	14.70	0.00	1.91
26-Jan-05	26	11.05	5.45	100.00	53.20	4.03	2.29	1.30
27-Jan-05	27	15.52	3.64	100.00	30.45	8.96	2.29	3.20
28-Jan-05	28	15.69	3.11	84.70	28.13	15.54	0.00	2.47
29-Jan-05	29	14.90	0.32	94.20	27.49	15.58	0.00	2.41
30-Jan-05	30	11.96	0.06	76.30	25.62	13.70	0.00	2.10
31-Jan-05	31	9.16	0.12	89.00	38.99	8.80	0.00	2.52
1-Feb-05	32	8.22	-0.88	85.30	38.42	13.73	0.00	2.55
2-Feb-05	33	7.39	0.23	79.80	33.04	10.86	0.00	2.79
3-Feb-05	34	12.19	-3.63	84.80	23.02	16.53	0.00	1.95
4-Feb-05	35	10.64	-1.35	98.00	33.13	8.22	1.52	1.60

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
5-Feb-05	36	7.12	3.14	100.00	82.20	3.92	1.27	1.56
6-Feb-05	37	13.82	2.97	98.50	40.36	12.03	0.25	2.04
7-Feb-05	38	12.34	3.48	93.90	42.68	13.64	0.00	4.48
8-Feb-05	39	15.58	2.13	92.80	30.65	16.57	0.00	2.28
9-Feb-05	40	12.14	2.62	72.50	14.84	13.59	0.00	2.13
10-Feb-05	41	8.40	3.85	96.20	44.19	5.15	1.27	0.94
11-Feb-05	42	8.74	5.79	100.00	95.90	1.69	16.76	0.81
12-Feb-05	43	15.96	7.76	100.00	44.73	8.25	3.30	4.51
13-Feb-05	44	16.52	5.96	81.40	34.62	17.84	0.00	2.75
14-Feb-05	45	18.22	3.14	92.80	29.11	13.31	0.00	1.57
15-Feb-05	46	21.50	7.44	79.70	16.44	11.49	0.00	1.66
16-Feb-05	47	19.14	8.43	84.70	33.00	9.42	0.00	2.04
17-Feb-05	48	12.19	9.11	89.70	61.99	6.08	0.00	1.48
18-Feb-05	49	17.00	7.59	99.20	51.54	12.15	0.00	3.55
19-Feb-05	50	19.13	8.50	84.60	33.70	15.84	0.25	6.20
20-Feb-05	51	17.13	7.42	86.20	25.91	12.38	0.00	3.75
21-Feb-05	52	18.53	3.48	83.60	25.83	16.94	0.00	2.80
22-Feb-05	53	18.80	9.21	82.70	25.83	13.87	0.00	4.14
23-Feb-05	54	17.48	4.99	96.60	22.85	15.96	0.00	2.29
24-Feb-05	55	8.08	1.26	100.00	73.30	3.80	6.60	4.45
25-Feb-05	56	9.93	2.09	93.80	60.84	8.68	0.00	1.92
26-Feb-05	57	12.74	2.97	96.40	49.96	14.29	0.00	1.99
27-Feb-05	58	13.01	2.50	89.70	29.79	15.65	0.00	2.20
28-Feb-05	59	17.03	3.11	76.60	19.14	20.18	0.00	2.40
1-Mar-05	60	16.63	2.57	79.90	21.77	19.84	0.00	2.30
2-Mar-05	61	18.09	3.48	77.60	17.66	19.51	0.00	1.93
3-Mar-05	62	18.53	4.18	69.06	19.85	18.30	0.00	2.32
4-Mar-05	63	16.59	4.56	83.00	25.40	17.52	0.00	1.46
5-Mar-05	64	17.67	8.53	89.80	26.17	12.41	3.05	2.40
6-Mar-05	65	12.31	6.16	99.50	64.25	12.61	11.43	2.46
7-Mar-05	66	18.12	4.93	97.20	31.79	21.35	0.00	2.02
8-Mar-05	67	21.17	6.83	83.80	17.93	21.83	0.00	2.37
9-Mar-05	68	19.76	5.73	78.20	11.97	22.21	0.00	2.30
10-Mar-05	69	22.61	5.69	79.00	14.15	22.42	0.00	1.80
11-Mar-05	70	21.56	7.57	62.97	24.08	22.14	0.00	2.35
12-Mar-05	71	25.72	6.93	69.37	10.35	22.59	0.00	3.09
13-Mar-05	72	24.22	11.66	57.32	15.16	22.48	0.00	3.95
14-Mar-05	73	20.11	3.97	79.90	16.25	16.08	0.00	4.56
15-Mar-05	74	5.12	0.19	99.00	43.77	16.04	1.02	5.66
16-Mar-05	75	13.34	-2.83	80.70	14.47	23.58	0.00	2.46
17-Mar-05	76	18.77	1.44	45.68	13.66	21.04	0.00	3.60
18-Mar-05	77	18.87	4.88	58.91	16.72	16.38	0.00	3.04
19-Mar-05	78	17.86	8.87	69.25	25.80	15.10	0.00	2.85

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
20-Mar-05	79	18.46	6.73	72.10	25.14	16.41	0.00	4.44
21-Mar-05	80	16.33	6.83	52.18	18.88	18.47	0.00	5.17
22-Mar-05	81	18.69	5.19	44.73	12.98	23.99	0.00	3.13
23-Mar-05	82	21.72	6.81	58.22	13.32	23.65	0.00	4.48
24-Mar-05	83	17.23	8.94	53.92	20.29	19.12	0.00	3.60
25-Mar-05	84	17.02	6.49	69.25	23.72	20.47	0.00	3.43
26-Mar-05	85	13.04	3.11	77.50	26.22	16.38	0.00	3.87
27-Mar-05	86	19.07	0.29	80.80	18.60	24.77	0.00	2.04
28-Mar-05	87	24.11	4.49	58.98	11.53	20.39	0.00	4.01
29-Mar-05	88	18.53	10.71	31.82	13.32	25.41	0.00	7.16
30-Mar-05	89	19.37	7.21	35.14	12.38	24.73	0.00	4.26
31-Mar-05	90	13.68	4.46	46.60	13.97	23.39	0.00	4.76
1-Apr-05	91	16.71	1.74	58.05	13.93	26.47	0.00	2.15
2-Apr-05	92	22.00	1.54	49.12	11.57	26.65	0.00	2.19
3-Apr-05	93	23.00	8.53	49.38	9.85	10.59	0.00	2.14
4-Apr-05	94	24.67	7.47	45.28	8.27	24.07	0.00	5.62
5-Apr-05	95	20.00	8.47	36.78	10.66	26.86	0.00	6.96
6-Apr-05	96	22.61	5.55	45.69	10.76	26.25	0.00	2.30
7-Apr-05	97	23.72	5.89	59.33	14.08	26.47	0.00	2.99
8-Apr-05	98	26.56	9.51	68.54	7.56	22.94	0.00	4.45
9-Apr-05	99	21.44	7.89	35.64	10.33	25.24	0.00	5.48
10-Apr-05	100	14.92	4.62	55.77	22.72	12.07	0.00	3.45
11-Apr-05	101	21.78	3.85	65.90	10.63	27.48	0.00	2.17
12-Apr-05	102	24.83	5.05	39.42	8.50	27.86	0.00	1.05
13-Apr-05	103	26.67	5.96	53.80	11.43	26.76	0.00	2.67
14-Apr-05	104	27.67	9.78	56.01	11.69	26.14	0.00	2.95
15-Apr-05	105	28.22	10.92	53.98	13.54	26.30	0.00	3.27
16-Apr-05	106	23.83	11.62	94.30	30.69	12.78	6.10	3.25
17-Apr-05	107	25.72	9.31	94.00	13.78	25.70	0.00	2.96
18-Apr-05	108	26.33	9.71	83.60	9.11	28.09	0.00	4.16
19-Apr-05	109	26.06	15.33	17.03	7.66	28.83	0.00	6.55
20-Apr-05	110	26.94	10.56	36.98	7.29	28.88	0.00	4.10
21-Apr-05	111	25.28	10.78	39.76	9.68	29.06	0.00	2.40
22-Apr-05	112	27.78	10.85	43.16	7.12	26.52	0.00	3.18
23-Apr-05	113	24.22	14.59	35.43	20.67	27.65	0.00	4.69
24-Apr-05	114	21.17	10.37	88.90	17.12	23.42	5.59	5.39
25-Apr-05	115	20.57	9.07	52.11	19.81	22.81	0.00	3.67
26-Apr-05	116	23.00	9.74	61.86	19.19	26.72	0.00	2.27
27-Apr-05	117	25.50	8.40	61.43	9.48	29.48	0.00	4.19
28-Apr-05	118	25.33	10.78	40.02	10.29	28.66	0.00	5.01
29-Apr-05	119	21.83	10.56	47.46	15.03	21.35	0.00	3.41
30-Apr-05	120	22.11	6.80	57.48	15.07	29.56	0.00	3.44
1-May-05	121	25.83	9.07	40.59	9.92	22.19	0.00	3.22

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
2-May-05	122	23.28	9.34	72.90	16.42	25.63	0.00	3.62
3-May-05	123	21.72	6.16	83.80	26.73	23.61	0.00	3.72
4-May-05	124	25.94	10.57	83.80	21.95	28.71	0.00	2.77
5-May-05	125	27.56	13.57	62.41	12.30	22.37	0.00	4.21
6-May-05	126	26.61	13.48	58.53	12.27	25.64	0.00	5.72
7-May-05	127	22.33	11.34	40.37	12.68	20.98	0.00	3.39
8-May-05	128	26.33	10.69	32.70	11.56	30.90	0.00	3.05
9-May-05	129	28.50	11.55	30.91	10.62	30.94	0.00	3.50
10-May-05	130	28.83	11.96	33.89	9.51	31.23	0.00	4.70
11-May-05	131	25.00	14.43	44.48	7.33	31.40	0.00	4.63
12-May-05	132	27.67	8.87	34.24	6.25	31.99	0.00	3.26
13-May-05	133	29.00	12.83	21.90	7.22	32.03	0.00	2.44
14-May-05	134	29.78	12.22	63.18	9.31	28.63	0.00	3.55
15-May-05	135	25.67	15.69	67.53	24.97	19.72	0.00	3.98
16-May-05	136	30.33	11.78	79.00	11.09	30.94	0.00	3.78
17-May-05	137	29.89	20.21	31.62	11.15	26.36	0.00	4.46
18-May-05	138	30.39	15.23	44.23	13.97	28.75	0.00	2.27
19-May-05	139	35.06	16.30	41.79	10.14	32.41	0.00	1.74
20-May-05	140	37.22	16.63	42.13	8.33	31.53	0.00	2.37
21-May-05	141	38.11	18.34	48.81	8.96	31.95	0.00	2.91
22-May-05	142	39.00	21.67	34.34	8.49	28.57	0.00	1.99
23-May-05	143	38.22	20.74	23.65	6.65	24.33	0.00	2.06
24-May-05	144	37.17	23.28	47.74	8.29	27.63	0.00	2.21
25-May-05	145	36.39	22.67	19.23	5.98	29.22	0.00	2.76
26-May-05	146	31.67	15.91	96.90	13.28	25.48	9.14	5.37
27-May-05	147	26.72	16.26	87.70	30.58	26.86	0.00	4.69
28-May-05	148	26.67	16.17	86.20	36.07	19.44	0.00	2.66
29-May-05	149	28.33	17.33	71.60	25.77	17.87	0.00	2.38
30-May-05	150	31.67	14.63	78.70	13.77	31.11	0.00	3.80
31-May-05	151	31.56	18.28	32.77	11.42	32.74	0.00	2.42
1-Jun-05	152	34.67	17.07	60.77	7.15	32.95	0.00	3.16
2-Jun-05	153	31.67	20.61	33.40	10.04	24.22	0.00	3.27
3-Jun-05	154	31.44	15.47	37.90	8.13	32.99	0.00	3.94
4-Jun-05	155	30.22	16.44	47.52	12.23	31.90	0.00	3.09
5-Jun-05	156	32.56	15.81	32.96	9.30	33.12	0.00	2.89
6-Jun-05	157	32.06	16.41	30.68	7.69	33.49	0.00	3.45
7-Jun-05	158	32.61	16.93	39.33	8.63	33.58	0.00	3.49
8-Jun-05	159	33.50	15.23	28.25	6.38	33.75	0.00	3.21
9-Jun-05	160	32.67	16.98	27.39	6.75	31.61	0.00	2.86
10-Jun-05	161	31.89	18.34	29.12	9.77	32.82	0.00	3.33
11-Jun-05	162	30.83	17.74	33.75	9.14	32.91	0.00	3.93
12-Jun-05	163	30.94	16.97	49.16	14.61	32.62	0.00	2.82
13-Jun-05	164	33.67	19.64	30.60	11.85	33.12	0.00	2.13

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
14-Jun-05	165	36.28	19.52	36.84	8.53	33.37	0.00	3.46
15-Jun-05	166	37.50	21.33	49.50	8.53	29.22	0.00	3.25
16-Jun-05	167	38.06	20.71	42.68	6.88	32.95	0.00	2.86
17-Jun-05	168	36.44	18.91	25.75	4.40	34.92	0.00	2.95
18-Jun-05	169	37.56	16.46	15.84	3.93	35.13	0.00	2.59
19-Jun-05	170	37.06	22.83	25.71	7.62	32.24	0.00	1.37
20-Jun-05	171	38.72	21.50	46.27	8.49	30.35	0.00	2.41
21-Jun-05	172	34.78	22.83	61.38	14.54	31.65	0.00	3.50
22-Jun-05	173	32.67	25.22			0.52	0.00	0.85
23-Jun-05	174	35.72	20.31			31.69	0.00	2.37
24-Jun-05	175	37.17	21.56			29.39	0.00	1.30
25-Jun-05	176	35.50	20.63			20.80	0.76	3.36
26-Jun-05	177	37.17	19.23			30.44	0.00	2.40
27-Jun-05	178	37.56	21.33			27.90	0.00	2.56
28-Jun-05	179	38.22	22.22			29.52	0.00	3.04
29-Jun-05	180	40.50	22.28			32.36	0.00	1.94
30-Jun-05	181	40.39	22.56			30.61	0.00	2.21
1-Jul-05	182	38.61	23.33			25.20	0.00	2.50
2-Jul-05	183	39.17	23.11			31.57	0.00	1.26
3-Jul-05	184	39.11	26.39			31.61	0.00	2.70
4-Jul-05	185	39.39	23.44			33.49	0.00	1.65
5-Jul-05	186	38.39	22.22			30.14	0.00	2.52
6-Jul-05	187	38.56	22.83	20.89	7.32	32.24	0.00	2.16
7-Jul-05	188	38.89	23.72	29.09	7.52	32.45	0.00	1.74
8-Jul-05	189	37.22	23.33	27.07	10.07	24.69	0.00	2.57
9-Jul-05	190	36.67	23.39	43.06	12.36	28.48	0.00	2.87
10-Jul-05	191	38.28	21.50	41.91	7.85	30.77	0.00	2.16
11-Jul-05	192	39.67	21.11	46.59	6.34	33.20	0.00	2.57
12-Jul-05	193	37.00	23.94	38.69	11.14	26.88	0.00	1.93
13-Jul-05	194	35.28	24.33	48.55	16.62	26.64	0.25	2.06
14-Jul-05	195	37.94	20.64	54.93	12.38	31.78	0.00	1.77
15-Jul-05	196	38.06	22.39	56.15	11.14	32.28	0.00	2.13
16-Jul-05	197	37.00	25.00	65.68	19.03	24.35	0.00	2.27
17-Jul-05	198	37.89	23.78	69.92	14.84	27.66	0.00	2.36
18-Jul-05	199	36.94	23.72	55.14	14.33	29.43	0.00	2.47
19-Jul-05	200	38.78	23.83	57.03	13.83	29.31	0.00	1.84
20-Jul-05	201	38.72	22.39	52.39	13.12	27.26	0.00	1.82
21-Jul-05	202	35.28	22.94	58.99	16.82	30.10	0.00	3.55
22-Jul-05	203	33.50	24.39	51.16	16.72	19.90	0.00	3.08
23-Jul-05	204	36.50	23.83	49.41	19.40	24.05	0.00	1.62
24-Jul-05	205	34.50	23.39	57.36	21.66	21.84	0.00	2.46
25-Jul-05	206	36.56	23.83	51.68	19.03	23.34	0.00	1.13
26-Jul-05	207	33.39	20.36	88.20	25.02	23.05	0.25	2.29

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
27-Jul-05	208	29.83	20.27	87.60	32.05	25.58	0.25	3.78
28-Jul-05	209	32.11	18.08	77.20	15.04	30.56	0.00	2.84
29-Jul-05	210	33.89	19.24	65.80	18.33	30.19	0.00	2.00
30-Jul-05	211	32.72	21.22	66.16	26.94	19.31	0.00	2.30
31-Jul-05	212	34.44	21.02	74.30	13.33	27.15	0.00	2.58
1-Aug-05	213	34.17	22.33	48.86	16.42	28.05	0.00	2.12
2-Aug-05	214	34.94	21.94	43.31	14.24	26.37	0.00	2.15
3-Aug-05	215	36.11	21.44	49.58	14.47	27.91	0.00	1.90
4-Aug-05	216	34.67	20.53	79.90	17.39	22.54	3.05	2.37
5-Aug-05	217	29.39	20.23	83.30	32.11	21.82	0.00	3.49
6-Aug-05	218	31.11	20.51	72.40	27.11	24.58	0.00	2.62
7-Aug-05	219	30.56	19.38	93.20	36.43	18.27	5.84	1.63
8-Aug-05	220	32.67	20.71	79.30	28.01	23.72	0.00	1.66
9-Aug-05	221	33.78	20.11	77.10	27.40	19.62	5.84	1.05
10-Aug-05	222	34.89	20.51	76.60	20.91	28.48	0.00	1.90
11-Aug-05	223	35.44	22.06	67.00	20.75	25.87	0.00	2.36
12-Aug-05	224	30.11	18.14	95.30	36.28	16.06	5.33	2.61
13-Aug-05	225	30.50	19.03	95.40	32.04	22.68	2.03	1.87
14-Aug-05	226	25.11	19.17	92.40	57.34	10.81	0.25	2.50
15-Aug-05	227	29.56	17.92	96.40	33.19	25.61	1.78	1.93
16-Aug-05	228	33.22	19.31	87.00	21.26	28.05	0.00	1.23
17-Aug-05	229	31.67	21.67	65.76	24.42	16.12	0.00	1.47
18-Aug-05	230	31.89	20.34	87.60	28.95	16.45	0.51	2.32
19-Aug-05	231	28.39	20.34	87.90	35.52	11.68	0.00	1.47
20-Aug-05	232	27.56	18.36	90.80	43.28	16.23	0.00	2.13
21-Aug-05	233	32.50	16.34	99.30	25.65	26.48	58.42	1.92
22-Aug-05	234	33.11	16.42	96.90	25.82	25.10	1.27	1.38
23-Aug-05	235	30.94	18.71	84.30	29.53	20.29	5.33	1.83
24-Aug-05	236	31.83	19.03	91.20	25.09	26.41	0.00	2.10
25-Aug-05	237	33.67	19.04	79.80	25.55	25.59	0.00	0.99
26-Aug-05	238	35.67	21.11	75.60	17.96	25.19	0.00	1.02
27-Aug-05	239	36.56	21.17	61.75	14.47	27.23	0.00	0.95
28-Aug-05	240	33.56	20.54	67.57	15.61	24.20	0.76	2.44
29-Aug-05	241	32.22	18.65	65.28	14.51	27.01	0.00	1.45
30-Aug-05	242	37.00	19.22	66.82	8.90	26.80	0.00	1.70
31-Aug-05	243	37.06	22.50	37.42	11.21	26.14	0.00	2.04
1-Sep-05	244	33.22	19.22	85.90	23.04	17.53	7.11	1.70
2-Sep-05	245	28.28	17.27	96.20	33.67	17.91	1.78	2.01
3-Sep-05	246	30.11	17.97	84.20	28.62	20.37	0.00	1.13
4-Sep-05	247	30.72	21.17	83.10	30.90	20.34	0.00	1.58
5-Sep-05	248	28.56	19.07	95.10	49.15	17.58	0.76	1.78
6-Sep-05	249	29.83	19.64	89.70	39.87	15.17	0.51	2.73
7-Sep-05	250	27.83	19.23	93.30	47.38	10.81	0.00	0.75

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
8-Sep-05	251	30.11	17.30	81.1	27.68	22.50	0.00	1.63
9-Sep-05	252	31.50	16.83	69.35	24.72	22.71	0.00	2.43
10-Sep-05	253	31.39	19.07	71.5	19.95	21.77	0.00	1.47
11-Sep-05	254	31.67	17.77	78.3	16.76	22.92	0.00	2.60
12-Sep-05	255	31.06	17.13	59.25	21.67	22.98	0.00	2.21
13-Sep-05	256	31.83	15.87	61.23	8.46	25.47	0.00	2.41
14-Sep-05	257	30.72	13.76	41.96	9.54	25.33	0.00	2.69
15-Sep-05	258	30.11	12.22	35.59	10.48	25.28	0.00	1.07
16-Sep-05	259	32.67	13.17	44.93	11.82	24.35	0.00	2.75
17-Sep-05	260	35.50	18.51	52.32	14.07	23.26	0.00	2.38
18-Sep-05	261	34.56	17.03	56.12	13.94	22.27	0.00	1.69
19-Sep-05	262	32.78	19.02	54	17.77	18.02	0.00	1.12
20-Sep-05	263	34.17	18.41	69.18	9.27	23.97	0.00	2.46
21-Sep-05	264	33.00	17.97	54.31	16.12	21.97	0.00	1.72
22-Sep-05	265	34.22	19.17	60.33	19.38	19.93	0.00	1.37
23-Sep-05	266	34.22	18.08	77.5	19.35	18.75	0.00	1.24
24-Sep-05	267	34.78	18.92	59.06	11.79	22.85	0.00	1.83
25-Sep-05	268	35.06	18.11	40.65	10.21	23.59	0.00	1.64
26-Sep-05	269	35.72	16.49	37.18	10.74	23.24	0.00	1.49
27-Sep-05	270	33.89	19.52	59.05	15.82	22.43	0.00	2.67
28-Sep-05	271	31.83	16.15	88.8	20.99	15.96	0.00	1.97
29-Sep-05	272	25.72	13.18	95	31.69	19.87	0.76	3.72
30-Sep-05	273	28.67	13.80	94.3	21.84	22.57	0.00	0.57
1-Oct-05	274	32.50	13.46	72.9	10.48	21.11	0.00	1.46
2-Oct-05	275	28.44	18.06	65.83	13.82	11.47	0.00	3.88
3-Oct-05	276	31.50	16.21	68.99	24.49	16.80	0.00	1.94
4-Oct-05	277	28.89	17.47	88	34.95	19.32	0.00	3.36
5-Oct-05	278	31.83	15.73	76.8	25.59	18.39	0.00	1.72
6-Oct-05	279	15.87	10.26	90.4	61.7	6.79	0.00	3.40
7-Oct-05	280	22.00	9.27	94.3	47.36	15.06	0.00	1.38
8-Oct-05	281	28.00	11.68	89.9	26.41	19.84	1.78	2.44
9-Oct-05	282	22.33	12.48	98.6	33.77	12.60	3.05	2.27
10-Oct-05	283	20.95	11.34	73.9	25.19	14.76	0.00	1.71
11-Oct-05	284	23.50	7.83	85	17.88	20.91	0.00	1.11
12-Oct-05	285	24.56	8.37	74.6	18.45	20.86	0.00	0.66
13-Oct-05	286	22.00	10.31	78	32.82	13.00	0.00	1.82
14-Oct-05	287	22.89	9.51	88.3	37.42	17.58	0.00	1.26
15-Oct-05	288	18.85	10.81	97.1	57.83	7.52	3.56	2.45
16-Oct-05	289	24.28	10.24	100.8	29.62	18.08	0.00	0.72
17-Oct-05	290	27.67	9.98	90.4	23.32	19.46	0.00	0.66
18-Oct-05	291	27.00	12.29	83.8	31.61	16.57	0.25	2.88
19-Oct-05	292	25.06	13.80	65.7	20.34	19.63	0.00	1.94
20-Oct-05	293	24.11	10.08	71.7	24.07	19.41	0.00	0.56

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
21-Oct-05	294	25.28	9.54	73.3	21.65	17.82	0.00	0.61
22-Oct-05	295	28.11	9.75	70	21.67	18.76	0.00	0.96
23-Oct-05	296	23.67	9.58	81.6	30.36	18.43	0.00	2.40
24-Oct-05	297	19.32	7.27	81.1	40.22	13.37	0.00	0.84
25-Oct-05	298	23.83	6.49	84.9	24.98	18.34	0.00	2.26
26-Oct-05	299	23.33	9.01	74.8	20.61	18.05	0.00	0.58
27-Oct-05	300	24.11	8.50	69.05	22.62	17.84	0.00	2.06
28-Oct-05	301	22.67	9.68	76.6	34.1	15.18	0.00	1.71
29-Oct-05	302	24.22	9.34	83.9	20.03	15.65	0.00	1.11
30-Oct-05	303	25.33	8.13	63.17	18.02	17.61	0.00	0.84
31-Oct-05	304	19.07	8.33	51.77	16.41	17.72	0.00	1.69
1-Nov-05	305	23.00	3.78	59.93	11.43	17.67	0.00	0.52
2-Nov-05	306	26.94	5.52	46.93	11.1	15.95	0.00	1.48
3-Nov-05	307	26.22	7.29	39.1	14.93	12.54	0.00	1.49
4-Nov-05	308	26.33	9.31	57.14	12.44	17.10	0.00	2.08
5-Nov-05	309	24.39	8.53	58.55	12.3	17.18	0.00	1.85
6-Nov-05	310	25.39	5.45	50.99	11.87	16.88	0.00	1.69
7-Nov-05	311	26.00	9.58	59.01	12.3	14.67	0.00	1.93
8-Nov-05	312	25.56	8.33	55.8	15.13	13.00	0.00	0.52
9-Nov-05	313	26.67	8.13	61.3	14.86	14.43	0.00	0.62
10-Nov-05	314	26.72	8.17	57.02	17.81	15.84	0.00	0.93
11-Nov-05	315	24.89	11.55	69.63	9.98	15.00	0.00	3.34
12-Nov-05	316	21.94	9.14	52.95	20.81	16.31	0.00	1.74
13-Nov-05	317	21.22	4.15	62.13	18.56	16.18	0.00	0.85
14-Nov-05	318	25.56	4.71	55.62	13.58	15.36	0.00	1.92
15-Nov-05	319	16.47	5.48	51.91	12.42	15.93	0.00	3.66
16-Nov-05	320	15.72	0.12	36.8	16.42	16.00	0.00	0.60
17-Nov-05	321	16.98	-0.01	63.15	21.56	15.59	0.00	0.48
18-Nov-05	322	14.34	3.54	67.22	26.88	15.31	0.00	2.27
19-Nov-05	323	15.99	0.02	71.8	19.25	15.06	0.00	1.25
20-Nov-05	324	17.20	0.09	69.24	19.04	15.34	0.00	0.53
21-Nov-05	325	18.56	-0.48	74.7	15.24	15.03	0.00	0.51
22-Nov-05	326	19.97	-0.25	62.19	15.3	14.40	0.00	0.56
23-Nov-05	327	18.02	1.00	65.36	16.11	13.46	0.00	0.49
24-Nov-05	328	22.94	5.79	61.47	16.68	14.65	0.00	2.05
25-Nov-05	329	22.06	4.51	56.13	13.29	14.55	0.00	0.90
26-Nov-05	330	21.17	3.38	82.5	17.56	11.24	0.25	3.05
27-Nov-05	331	10.99	0.39	79.1	16.51	14.90	0.25	8.06
28-Nov-05	332	7.86	-1.69	30.61	14.15	15.28	0.00	5.24
29-Nov-05	333	12.64	-3.24	53	11.85	14.31	0.00	0.71
30-Nov-05	334	20.28	-0.32	34.86	13.16	14.40	0.00	0.75
1-Dec-05	335	20.31	1.33	61.95	15.04	14.07	0.00	2.02
2-Dec-05	336	23.83	2.71	53.83	11.03	10.78	0.00	3.31



Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
3-Dec-05	337	20.38	7.46	62.61	16.31	13.95	0.00	3.64
4-Dec-05	338	9.59	0.19	57.23	16.82	14.31	0.00	2.84
5-Dec-05	339	7.46	-5.35	53.7	14.58	14.61	0.00	0.69
6-Dec-05	340	13.05	-6.72	61.44	10.17	14.41	0.00	1.14
7-Dec-05	341	11.34	-5.22	64.47	12.05	13.93	0.00	1.84
8-Dec-05	342	6.31	-8.07	67.74	20.86	13.84	0.00	0.51
9-Dec-05	343	12.46	-4.24	59.03	14.31	13.10	0.00	0.71
10-Dec-05	344	14.16	-3.47	67.86	13.93	13.89	0.00	0.68
11-Dec-05	345	11.14	0.89	49.38	22.19	7.10	0.00	0.45
12-Dec-05	346	12.84	1.23	50.49	15.65	6.89	0.00	0.45
13-Dec-05	347	17.03	6.02	76.8	13.93	10.29	0.00	2.39

**Appendix I: DAILY FLUX DATA MEASURED USING OPEC SYSTEM AT  
SOUTH SALT CEDAR TOWER LOCATED IN BOSQUE FOR THE  
YEAR 2005**

<b>South Salt Cedar Tower (SSCT)</b> (saltcedar site - bosque) <b>Socorro County, New Mexico</b> <b>Latitude: 33° 46' 26"</b> <b>Longitude: 106° 52' 50.03"</b> <b>Elevation: 1370 m</b>					
Date	DOY	bosque_Rn (MJ/m <sup>2</sup> )	bosque_G (MJ/m <sup>2</sup> )	bosque_H_OP (MJ/m <sup>2</sup> )	bosque_LE_OP (MJ/m <sup>2</sup> )
1-Jan-05	1	6.42	-0.13	2.80	1.43
2-Jan-05	2	1.21	-0.34	0.01	0.35
3-Jan-05	3	4.31	-0.66	0.10	1.45
4-Jan-05	4	3.17	-0.56	-4.07	2.73
5-Jan-05	5	6.03	0.64	2.76	1.60
6-Jan-05	6	7.02	1.09	3.96	1.69
7-Jan-05	7	7.32	0.87	4.80	1.38
8-Jan-05	8	4.66	0.42	1.46	1.48
9-Jan-05	9	6.40	-0.09	2.75	1.46
10-Jan-05	10	6.53	-0.43	2.51	1.47
11-Jan-05	11	2.43	-0.17	-0.25	1.02
12-Jan-05	12	4.72	0.40	1.56	1.46
13-Jan-05	13	7.04	0.97	5.19	1.15
14-Jan-05	14	6.34	0.67	4.53	1.01
15-Jan-05	15	7.72	0.78	5.07	1.40
16-Jan-05	16	7.55	0.62	4.46	1.52
17-Jan-05	17	7.75	0.54	5.05	1.32
18-Jan-05	18	7.90	0.41	5.73	1.06
19-Jan-05	19	8.29	0.37	5.03	1.48
20-Jan-05	20	6.32	0.11	3.60	1.16
21-Jan-05	21	4.18	-0.18	2.26	0.71
22-Jan-05	22	4.95	-0.38	2.16	0.99
23-Jan-05	23	7.76	0.38	5.34	1.14
24-Jan-05	24	8.47	0.25	5.93	1.14
25-Jan-05	25	9.28	0.23	5.52	1.63
26-Jan-05	26	2.48	0.04	0.63	0.77
27-Jan-05	27	4.84	-0.13	0.03	1.91
28-Jan-05	28	10.00	0.75	3.24	3.06
29-Jan-05	29	9.93	0.53	4.00	2.63
30-Jan-05	30	6.47	0.49	3.04	1.60
31-Jan-05	31	6.09	0.54	2.34	1.75
1-Feb-05	32	4.72	0.46	3.18	0.82
2-Feb-05	33	6.28	0.59	3.67	1.30
3-Feb-05	34	10.09	0.75	5.96	2.00

Date	DOY	bosque_Rn (MJ/m <sup>2</sup> )	bosque_G (MJ/m <sup>2</sup> )	bosque_H_OP (MJ/m <sup>2</sup> )	bosque_LE_OP (MJ/m <sup>2</sup> )
4-Feb-05	35	7.39	0.52	4.01	1.59
5-Feb-05	36	3.07	-0.17	0.72	0.89
6-Feb-05	37	6.51	-0.39	2.69	1.40
7-Feb-05	38	6.98	0.15	3.13	1.63
8-Feb-05	39	9.44	-0.05	5.16	1.72
9-Feb-05	40	8.22	0.43	4.16	1.83
10-Feb-05	41	3.82	0.16	1.67	0.94
11-Feb-05	42	1.88	-0.30	0.14	0.59
12-Feb-05	43	4.96	-0.68	-0.82	2.08
13-Feb-05	44	10.49	0.07	4.63	2.42
14-Feb-05	45	9.67	0.32	5.19	1.96
15-Feb-05	46	6.83	-0.25	2.22	1.78
16-Feb-05	47	6.68	-0.33	4.12	0.91
17-Feb-05	48	3.48	-0.06	1.04	0.97
18-Feb-05	49	8.36	-0.38	3.74	1.73
19-Feb-05	50	9.45	-0.04	4.14	2.15
20-Feb-05	51	8.91	0.27	4.78	1.80
21-Feb-05	52	10.75	0.45	6.38	1.97
22-Feb-05	53	8.74	0.09	5.09	1.53
23-Feb-05	54	7.01	0.42	3.61	1.56
24-Feb-05	55	1.97	0.89	-1.61	1.83
25-Feb-05	56	5.86	0.34	2.27	1.61
26-Feb-05	57	9.90	0.39	5.42	1.99
27-Feb-05	58	9.85	0.38	5.90	1.77
28-Feb-05	59	12.58	0.63	8.76	1.82
1-Mar-05	60	9.52	0.49	6.10	1.59
2-Mar-05	61	13.88	0.36	9.76	1.83
3-Mar-05	62	8.75	0.23	5.48	1.43
4-Mar-05	63	10.39	0.17	7.26	1.34
5-Mar-05	64	8.37	-0.21	4.50	1.49
6-Mar-05	65	9.98	-0.20	3.43	2.59
7-Mar-05	66	13.93	0.31	7.86	2.61
8-Mar-05	67	13.10	0.20	6.61	2.73
9-Mar-05	68	13.25	0.11	8.84	1.84
10-Mar-05	69	13.64	0.21	7.94	2.41
11-Mar-05	70	13.07	-0.05	8.75	1.74
12-Mar-05	71	13.79	0.07	8.48	2.20
13-Mar-05	72	10.84	-0.24	6.23	1.79
14-Mar-05	73	8.13	0.20	5.59	1.12
15-Mar-05	74	7.86	1.07	2.95	2.44
16-Mar-05	75	15.94	1.11	10.14	2.82
17-Mar-05	76	11.94	0.33	6.65	2.30
18-Mar-05	77	9.24	-0.29	4.98	1.62

Date	DOY	bosque_Rn (MJ/m <sup>2</sup> )	bosque_G (MJ/m <sup>2</sup> )	bosque_H_OP (MJ/m <sup>2</sup> )	bosque_LE_OP (MJ/m <sup>2</sup> )
19-Mar-05	78	9.16	-0.37	6.19	1.06
20-Mar-05	79	5.80	-0.09	3.46	0.92
21-Mar-05	80	8.97	0.24	4.99	1.72
22-Mar-05	81	15.22	0.29	10.84	1.91
23-Mar-05	82	14.00	-0.02	9.02	2.02
24-Mar-05	83	15.21	-0.16	9.87	2.11
25-Mar-05	84	11.81	0.09	6.72	2.12
26-Mar-05	85	10.00	0.40	5.96	1.81
27-Mar-05	86	16.59	0.43	13.58	1.41
28-Mar-05	87	11.28	-0.11	7.23	1.61
29-Mar-05	88	13.18	-0.03	6.39	2.76
30-Mar-05	89	14.99	0.18	8.26	2.82
31-Mar-05	90	16.33	0.56	10.20	2.73
1-Apr-05	91	16.71	0.53	12.94	1.75
2-Apr-05	92	16.63	0.18	12.04	1.95
3-Apr-05	93	7.58	-0.18	3.98	1.40
4-Apr-05	94	13.63	-0.30	8.05	2.16
5-Apr-05	95	15.97	-0.10	9.57	2.57
6-Apr-05	96	16.81	0.12	11.00	2.42
7-Apr-05	97	17.43	-0.11	12.77	1.86
8-Apr-05	98	15.69	-0.45	8.61	2.71
9-Apr-05	99	15.79	-0.10	10.77	2.01
10-Apr-05	100	8.15	0.42	6.29	0.93
11-Apr-05	101	18.12	0.21	11.43	2.82
12-Apr-05	102	17.31	0.09	10.91	2.65
13-Apr-05	103	17.98	-0.12	11.89	2.43
14-Apr-05	104	18.27	-0.57	12.76	2.02
15-Apr-05	105	16.98	-0.81	11.04	2.10
16-Apr-05	106	10.30	-0.26	4.59	2.22
17-Apr-05	107	17.94	-0.44	9.14	3.41
18-Apr-05	108	18.54	-0.18	10.15	3.35
19-Apr-05	109	17.90	-0.87	10.00	2.87
20-Apr-05	110	17.90	-0.29	9.22	3.43
21-Apr-05	111	18.33	-0.17	10.66	3.06
22-Apr-05	112	17.73	-0.51	7.46	3.98
23-Apr-05	113	18.43	-0.63	9.71	3.30
24-Apr-05	114	15.53	-0.41	6.53	3.51
25-Apr-05	115	11.19	0.09	4.80	2.64
26-Apr-05	116	16.68	-0.23	9.14	2.98
27-Apr-05	117	18.70	-0.37	9.05	3.79
28-Apr-05	118	15.97	-0.23	7.06	3.54
29-Apr-05	119	9.47	-0.06	4.12	2.16
30-Apr-05	120	20.34	-0.04	10.06	4.18

Date	DOY	bosque_Rn (MJ/m <sup>2</sup> )	bosque_G (MJ/m <sup>2</sup> )	bosque_H_OP (MJ/m <sup>2</sup> )	bosque_LE_OP (MJ/m <sup>2</sup> )
1-May-05	121	15.35	-0.39	6.58	3.42
2-May-05	122	18.27	-0.27	7.73	4.19
3-May-05	123	17.05	-0.16	9.30	3.10
4-May-05	124	20.84	-0.45	6.74	5.57
5-May-05	125	15.99	-0.71	6.83	3.45
6-May-05	126	15.94	-0.63	5.66	3.94
7-May-05	127	13.80	-0.11	5.50	3.34
8-May-05	128	19.67	-0.35	8.31	4.49
9-May-05	129	19.62	-0.64	7.45	4.71
10-May-05	130	19.62	-0.63	7.27	4.78
11-May-05	131	19.19	-0.45	6.64	4.94
12-May-05	132	19.47	-0.33	7.49	4.76
13-May-05	133	19.61	-0.45	7.11	4.92
14-May-05	134	18.03	-0.76	4.06	5.39
15-May-05	135	12.77	-0.57	3.92	3.38
16-May-05	136	20.26	-0.60	6.68	5.30
17-May-05	137	16.43	-0.66	3.94	4.83
18-May-05	138	17.73	-0.81	3.89	5.32
19-May-05	139	20.46	-0.95	3.53	6.52
20-May-05	140	20.09	-1.05	3.04	6.53
21-May-05	141	20.24	-1.26	3.35	6.38
22-May-05	142	17.39	-1.28	0.25	6.48
23-May-05	143	15.38	-0.97	-0.23	5.98
24-May-05	144	16.00	-0.83	-0.33	6.33
25-May-05	145	17.82	-0.86	1.00	6.52
26-May-05	146	14.17	-0.47	0.13	5.54
27-May-05	147	18.68	-0.33	5.00	5.45
28-May-05	148	17.04	-0.27	3.29	5.50
29-May-05	149	11.52	-0.12	1.23	4.15
30-May-05	150	20.55	-0.39	4.14	6.54
31-May-05	151	20.10	-0.52	3.18	6.70
1-Jun-05	152	19.98	-0.56	3.47	6.51
2-Jun-05	153	13.92	-0.35	0.37	5.39
3-Jun-05	154	19.33	-0.32	3.42	6.37
4-Jun-05	155	18.11	-0.30	3.96	5.65
5-Jun-05	156	19.86	-0.35	1.89	7.19
6-Jun-05	157	20.02	-0.31	3.27	6.71
7-Jun-05	158	19.83	-0.32	2.14	7.09
8-Jun-05	159	19.79	-0.41	2.95	6.71
9-Jun-05	160	19.36	-0.35	2.41	6.77
10-Jun-05	161	20.09	-0.45	3.75	6.49
11-Jun-05	162	19.66	-0.48	2.09	6.98
12-Jun-05	163	17.89	-0.35	2.24	6.24

Date	DOY	bosque_Rn (MJ/m <sup>2</sup> )	bosque_G (MJ/m <sup>2</sup> )	bosque_H_OP (MJ/m <sup>2</sup> )	bosque_LE_OP (MJ/m <sup>2</sup> )
13-Jun-05	164	20.47	-0.49	2.32	7.21
14-Jun-05	165	20.16	-0.52	0.78	7.70
15-Jun-05	166	18.46	-0.67	1.84	6.51
16-Jun-05	167	19.47	-0.65	-0.07	7.71
17-Jun-05	168	19.60	-0.52	1.45	7.19
18-Jun-05	169	19.41	-0.41	1.61	7.10
19-Jun-05	170	19.28	-0.46	1.72	6.98
20-Jun-05	171	19.65	-0.52	0.88	7.45
21-Jun-05	172	16.60	-0.62	0.42	6.35
22-Jun-05	173	20.64	-0.48	2.73	7.11
23-Jun-05	174	20.84	-0.42	2.23	7.42
24-Jun-05	175	19.09	-0.48	1.49	6.99
25-Jun-05	176	15.02	-0.39	-0.19	6.05
26-Jun-05	177	19.15	-0.09	0.40	7.62
27-Jun-05	178	18.63	-0.14	1.82	6.80
28-Jun-05	179	15.79	-0.11	-0.18	6.48
29-Jun-05	180	19.26	-0.28	0.57	7.51
30-Jun-05	181	17.03	0.05	0.00	6.97
1-Jul-05	182	17.39	0.01	0.92	6.73
2-Jul-05	183	18.77	0.07	0.06	7.67
3-Jul-05	184	18.20	-0.06	-1.09	7.85
4-Jul-05	185	19.45	-0.07	0.50	7.70
5-Jul-05	186	18.36	0.04	-0.25	7.61
6-Jul-05	187	19.55	-0.37	0.48	7.63
7-Jul-05	188	19.11	-0.19	-0.89	8.09
8-Jul-05	189	15.14	-0.05	-1.96	6.96
9-Jul-05	190	19.37	-0.13	-0.11	7.90
10-Jul-05	191	19.99	-0.22	-1.08	8.51
11-Jul-05	192	20.13	-0.21	-1.22	8.63
12-Jul-05	193	18.85	-0.16	-1.33	8.17
13-Jul-05	194	16.92	-0.19	-0.75	7.13
14-Jul-05	195	20.36	-0.22	0.30	8.10
15-Jul-05	196	19.38	-0.26	-1.87	8.57
16-Jul-05	197	19.62	-0.36	-0.26	7.97
17-Jul-05	198	19.18	-0.47	-2.73	8.75
18-Jul-05	199	19.97	-0.23	-2.14	8.93
19-Jul-05	200	19.70	-0.45	-2.14	8.73
20-Jul-05	201	18.94	-0.26	-2.31	8.57
21-Jul-05	202	20.37	-0.24	-1.09	8.66
22-Jul-05	203	11.21	0.09	-0.95	5.00
23-Jul-05	204	16.96	-0.09	-1.15	7.36
24-Jul-05	205	17.95	-0.26	-0.85	7.57
25-Jul-05	206	18.02	-0.24	-1.50	7.87

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26-Jul-05	207	15.32	-0.06	-1.39	6.80
27-Jul-05	208	17.89	0.12	0.66	7.08
28-Jul-05	209	20.63	0.12	0.73	8.17
29-Jul-05	210	20.54	0.09	1.03	8.00
30-Jul-05	211	20.41	-0.29	0.07	8.18
31-Jul-05	212	19.36	-0.22	0.93	7.43
1-Aug-05	213	18.76	-0.17	-0.26	7.69
2-Aug-05	214	20.14	-0.10	-0.84	8.52
3-Aug-05	215	19.58	-0.05	-0.56	8.20
4-Aug-05	216	17.58	0.06	-3.34	8.57
5-Aug-05	217	10.92	0.14	-1.28	5.04
6-Aug-05	218	20.33	-0.03	0.24	8.19
7-Aug-05	219	17.97	0.00	-0.33	7.47
8-Aug-05	220	20.61	-0.22	0.77	8.01
9-Aug-05	221	20.52	-0.18	0.04	8.29
10-Aug-05	222	19.92	-0.19	-0.66	8.32
11-Aug-05	223	19.54	-0.23	-1.05	8.31
12-Aug-05	224	12.59	0.08	0.34	5.03
13-Aug-05	225	16.87	0.10	0.19	6.85
14-Aug-05	226	10.22	0.29	-2.14	5.16
15-Aug-05	227	17.12	-0.05	1.58	6.32
16-Aug-05	228	20.12	-0.16	1.11	7.69
17-Aug-05	229	14.27	0.02	-0.82	6.17
18-Aug-05	230	11.94	0.11	-0.58	5.15
19-Aug-05	231	8.98	0.00	0.02	3.66
20-Aug-05	232	12.43	-0.01	0.46	4.88
21-Aug-05	233	19.50	-0.01	0.67	7.68
22-Aug-05	234	17.10	-0.18	0.70	6.62
23-Aug-05	235	14.27	0.06	-0.64	6.11
24-Aug-05	236	15.88	-0.04	1.25	5.96
25-Aug-05	237	18.93	0.00	0.23	7.63
26-Aug-05	238	18.75	-0.25	-0.24	7.65
27-Aug-05	239	17.95	-0.06	-0.54	7.52
28-Aug-05	240	16.23	0.16	-2.16	7.57
29-Aug-05	241	17.47	0.29	0.26	7.14
30-Aug-05	242	17.06	0.11	0.12	6.96
31-Aug-05	243	16.59	0.07	-1.84	7.55
1-Sep-05	244	15.23	-0.01	-1.86	6.97
2-Sep-05	245	14.58	0.02	0.05	5.94
3-Sep-05	246	13.63	-0.03	0.62	5.30
4-Sep-05	247	14.68	-0.22	-0.20	5.98
5-Sep-05	248	17.37	-0.26	0.76	6.67
6-Sep-05	249	9.99	0.13	-0.34	4.27

Date	DOY	bosque_Rn (MJ/m <sup>2</sup> )	bosque_G (MJ/m <sup>2</sup> )	bosque_H_OP (MJ/m <sup>2</sup> )	bosque_LE_OP (MJ/m <sup>2</sup> )
7-Sep-05	250	12.92	-0.07	0.52	5.03
8-Sep-05	251	16.63	0.20	1.12	6.41
9-Sep-05	252	15.89	0.24	-1.11	7.04
10-Sep-05	253	16.33	-0.02	0.49	6.46
11-Sep-05	254	14.39	0.29	-0.20	6.07
12-Sep-05	255	13.65	0.49	-0.58	6.01
13-Sep-05	256	15.69	0.54	-0.90	6.99
14-Sep-05	257	15.51	0.70	-0.39	6.77
15-Sep-05	258	15.70	0.79	1.73	6.02
16-Sep-05	259	15.65	0.45	-0.70	6.86
17-Sep-05	260	14.72	0.01	-0.90	6.38
18-Sep-05	261	15.55	0.04	-0.08	6.39
19-Sep-05	262	13.44	-0.05	-0.47	5.66
20-Sep-05	263	15.86	-0.06	-0.66	6.72
21-Sep-05	264	15.04	0.17	0.17	6.14
22-Sep-05	265	12.39	-0.03	-0.67	5.32
23-Sep-05	266	12.57	-0.16	-0.45	5.25
24-Sep-05	267	14.40	0.08	-0.11	5.96
25-Sep-05	268	14.73	0.25	0.56	5.89
26-Sep-05	269	14.36	0.23	0.47	5.77
27-Sep-05	270	14.15	0.02	-0.88	6.14
28-Sep-05	271	6.88	-0.09	-2.93	3.96
29-Sep-05	272	10.54	0.40	-1.11	4.92
30-Sep-05	273	14.76	0.26	3.06	4.88
1-Oct-05	274	14.37	0.32	1.97	5.19
2-Oct-05	275	7.82	0.12	-0.83	3.58
3-Oct-05	276	9.30	0.08	-0.76	4.14
4-Oct-05	277	11.07	-0.37	-0.62	4.62
5-Oct-05	278	13.43	0.12	-0.73	5.83
6-Oct-05	279	3.09	1.02	-0.78	2.00
7-Oct-05	280	4.56	0.62	0.42	1.94
8-Oct-05	281	13.87	0.23	1.00	5.35
9-Oct-05	282	6.58	0.41	-1.76	3.57
10-Oct-05	283	8.36	0.75	1.29	3.19
11-Oct-05	284	13.11	0.59	4.01	3.95
12-Oct-05	285	12.63	0.61	3.82	3.84
13-Oct-05	286	6.22	0.26	0.57	2.41
14-Oct-05	287	12.87	0.41	4.74	3.49
15-Oct-05	288	4.12	0.20	-0.20	1.85
16-Oct-05	289	12.40	0.38	3.80	3.66
17-Oct-05	290	12.66	0.31	4.05	3.64
18-Oct-05	291	10.72	0.14	2.41	3.45
19-Oct-05	292	11.31	0.35	3.51	3.32



Date	DOY	bosque_Rn (MJ/m <sup>2</sup> )	bosque_G (MJ/m <sup>2</sup> )	bosque_H_OP (MJ/m <sup>2</sup> )	bosque_LE_OP (MJ/m <sup>2</sup> )
20-Oct-05	293	11.17	0.54	5.13	2.69
21-Oct-05	294	9.00	0.39	3.00	2.61
22-Oct-05	295	11.60	0.27	4.55	2.99
23-Oct-05	296	10.45	0.37	3.13	3.14
24-Oct-05	297	7.94	0.51	3.96	1.83
25-Oct-05	298	10.98	0.56	4.88	2.72
26-Oct-05	299	10.48	0.22	4.60	2.49
27-Oct-05	300	9.61	0.32	4.98	2.02
28-Oct-05	301	9.01	0.26	4.05	2.13
29-Oct-05	302	8.43	0.31	3.72	2.05
30-Oct-05	303	9.63	0.54	4.70	2.24
31-Oct-05	304	8.86	0.59	4.65	1.96
1-Nov-05	305	9.22	0.85	5.58	1.83
2-Nov-05	306	8.17	0.45	4.05	1.86
3-Nov-05	307	3.56	0.17	1.24	1.02
4-Nov-05	308	8.42	0.00	3.27	2.10
5-Nov-05	309	8.50	0.45	5.28	1.50
6-Nov-05	310	8.74	0.62	4.51	1.98
7-Nov-05	311	8.70	0.24	4.42	1.85
8-Nov-05	312	6.62	0.38	3.38	1.47
9-Nov-05	313	7.44	0.21	3.76	1.59
10-Nov-05	314	8.52	0.23	4.52	1.73
11-Nov-05	315	6.99	0.13	3.33	1.55
12-Nov-05	316	8.45	0.53	5.72	1.33
13-Nov-05	317	8.69	0.70	5.28	1.68
14-Nov-05	318	8.38	0.47	5.16	1.51
15-Nov-05	319	7.72	0.51	4.01	1.72
16-Nov-05	320	8.10	1.10	6.26	1.20
17-Nov-05	321	8.33	0.92	4.88	1.78
18-Nov-05	322	7.82	0.33	4.47	1.50
19-Nov-05	323	7.96	0.82	5.15	1.48
20-Nov-05	324	8.49	0.81	5.87	1.40
21-Nov-05	325	8.28	0.75	5.10	1.60
22-Nov-05	326	8.04	0.68	4.66	1.65
23-Nov-05	327	7.72	0.53	4.46	1.55
24-Nov-05	328	6.91	-0.04	3.65	1.31
25-Nov-05	329	7.51	0.31	4.49	1.36
26-Nov-05	330	5.34	0.42	1.76	1.63
27-Nov-05	331	6.60	0.56	3.20	1.62
28-Nov-05	332	6.72	1.10	4.79	1.24
29-Nov-05	333	7.52	0.92	5.64	1.14
30-Nov-05	334	7.57	0.51	4.95	1.28
1-Dec-05	335	7.35	0.31	4.39	1.33

Date	DOY	bosque_Rn (MJ/m <sup>2</sup> )	bosque_G (MJ/m <sup>2</sup> )	bosque_H_OP (MJ/m <sup>2</sup> )	bosque_LE_OP (MJ/m <sup>2</sup> )
2-Dec-05	336	6.09	-0.18	0.75	2.11
3-Dec-05	337	6.03	-0.24	1.38	1.80
4-Dec-05	338	5.98	0.70	2.94	1.52
5-Dec-05	339	6.47	1.26	5.12	1.06
6-Dec-05	340	6.94	1.27	5.18	1.24
7-Dec-05	341	6.65	1.08	3.63	1.67
8-Dec-05	342	6.85	1.10	4.38	1.46
9-Dec-05	343	7.48	0.96	5.28	1.29
10-Dec-05	344	7.21	0.68	3.88	1.63
11-Dec-05	345	3.74	0.23	1.63	0.95
12-Dec-05	346	6.29	-0.09	2.99	1.31

**Appendix J: DAILY WEATHER DATA MEASURED AT SOUTH BOSQUE  
WEATHER STATION IN THE YEAR 2005**

<b>South Bosque Weather Station (SBWS)</b>								
<b>Socorro County, New Mexico</b>								
<b>Latitude : 33° 46' 0"</b>								
<b>Longitude : 106° 54' 0"</b>								
<b>Elevation : 1375 m</b>								
Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
1-Jan-05	1	17.26	-3.08	85.80	25.66	13.02	0.00	0.86
2-Jan-05	2	9.11	2.83	92.80	55.37		7.11	0.09
3-Jan-05	3	12.19	4.31	96.50	88.00	6.13	7.37	0.29
4-Jan-05	4	10.89	4.41	96.30	76.30	5.93	4.06	1.86
5-Jan-05	5	10.29	-3.72	76.40	35.15	14.62	0.00	1.30
6-Jan-05	6	7.61	-7.36	84.60	55.87	13.86	0.00	0.68
7-Jan-05	7	8.92	-6.89	86.70	39.79	13.75	0.00	0.66
8-Jan-05	8	15.89	-4.28	82.50	37.57	10.50	0.00	0.78
9-Jan-05	9	17.73	-1.02	83.50	32.65	12.10	0.00	0.58
10-Jan-05	10	20.20	2.16	83.60	24.95	12.41	0.00	0.72
11-Jan-05	11	17.11	3.20	73.20	25.43	6.21	0.00	1.61
12-Jan-05	12	10.79	1.37	47.99	30.78	10.36	0.00	2.54
13-Jan-05	13	10.63	-6.24	64.47	26.86	15.48	0.00	0.97
14-Jan-05	14	12.22	-6.18	77.00	26.82	12.29	0.00	0.32
15-Jan-05	15	14.17	-7.59	79.70	23.81	15.53	0.00	0.84
16-Jan-05	16	16.26	-6.62	73.30	17.62	15.48	0.00	0.85
17-Jan-05	17	15.08	-6.21	73.90	26.75	15.52	0.00	1.43
18-Jan-05	18	18.41	-6.22	77.50	25.96	15.51	0.00	0.79
19-Jan-05	19	17.20	-5.94	79.60	27.35	15.75	0.00	0.92
20-Jan-05	20	15.22	-4.66	81.30	36.25	12.27	0.00	0.93
21-Jan-05	21	13.61	-2.91	82.50	46.24	7.54	0.00	0.35
22-Jan-05	22	15.29	0.16	76.60	35.27	8.95	0.00	1.51
23-Jan-05	23	15.17	-4.52	80.80	32.60	14.99	0.00	0.48
24-Jan-05	24	17.03	-3.14	78.00	39.92	15.49	0.00	0.79
25-Jan-05	25	17.80	-5.34	89.70	32.85	15.68	0.00	0.71
26-Jan-05	26	11.89	-1.39	92.00	54.56	4.92	0.00	0.73
27-Jan-05	27	14.10	-0.31	98.10	75.30	8.40	0.00	0.92
28-Jan-05	28	13.93	-4.26	92.50	45.17	17.08	0.00	0.61
29-Jan-05	29	13.84	-4.89	89.20	42.01	15.22	0.51	0.89
30-Jan-05	30	9.06	-3.65	92.10	55.56	11.16	0.25	0.41
31-Jan-05	31	8.83	-4.89	91.00	55.63	8.75	0.00	1.40
1-Feb-05	32	6.86	-4.51	89.80	34.98	10.23	0.00	1.82
2-Feb-05	33	8.84	-5.02	89.00	27.48	12.39	0.00	2.54
3-Feb-05	34	12.41	-7.38	90.90	12.93	17.61	0.00	2.19
4-Feb-05	35	12.70	-8.32	91.50	26.20	11.87	1.02	1.95

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
5-Feb-05	36	6.84	0.05	94.00	69.71	4.75	0.25	1.00
6-Feb-05	37	14.58	-1.00	93.20	26.46	9.62	0.25	2.15
7-Feb-05	38	12.16	-2.78	94.40	39.66	11.14	0.00	2.85
8-Feb-05	39	16.46	1.43	85.90	21.55	15.94	0.00	1.69
9-Feb-05	40	13.57	-2.41	75.50	13.87	16.02	0.00	3.06
10-Feb-05	41	10.54	-1.16	92.40	33.41	6.31	2.03	1.71
11-Feb-05	42	8.86	4.74	94.00	90.70	2.54	8.89	1.06
12-Feb-05	43	14.04	7.61	94.20	48.10	7.35	5.08	3.10
13-Feb-05	44	17.98	1.65	88.40	36.61	18.76	0.00	2.34
14-Feb-05	45	16.50	-2.26	91.20	49.91	14.28	0.00	0.88
15-Feb-05	46	20.10	2.42	92.00	30.22	11.74	0.00	2.21
16-Feb-05	47	17.50	3.83	85.50	43.21	11.26	0.00	1.58
17-Feb-05	48	11.99	4.11	86.30	64.16	6.86	0.00	2.22
18-Feb-05	49	16.13	6.03	95.60	65.46	9.59	0.00	2.17
19-Feb-05	50	18.61	2.29	95.90	37.33	15.46	0.00	2.88
20-Feb-05	51	17.14	2.73	87.50	27.96	16.97	0.00	2.13
21-Feb-05	52	17.13	-2.33	86.00	33.17	18.79	0.00	1.54
22-Feb-05	53	17.54	0.03	86.00	34.49	14.98	0.00	1.61
23-Feb-05	54	16.68	-0.84	85.90	30.67	19.13	0.00	1.90
24-Feb-05	55	6.07	1.01	89.30	69.30		0.00	4.80
25-Feb-05	56	9.67	0.36	98.71	54.81		0.00	3.09
26-Feb-05	57	13.53	-2.05	99.73	41.41		0.00	0.00
27-Feb-05	58	14.63	-1.95	99.02	28.71		0.00	0.00
28-Feb-05	59	16.99	-5.09	87.20	25.32	21.24	0.00	1.07
1-Mar-05	60	14.90	-3.54	82.90	39.84	15.46	0.00	1.20
2-Mar-05	61	18.08	-5.06	86.60	24.14	22.61	0.00	1.18
3-Mar-05	62	17.16	-4.36	82.10	27.45	18.07	0.00	2.35
4-Mar-05	63	16.52	-3.08	81.30	27.59	20.29	0.00	1.67
5-Mar-05	64	17.01	3.51	80.00	37.87	15.26	0.00	1.98
6-Mar-05	65	12.82	2.49	94.80	71.30	15.93	0.00	3.12
7-Mar-05	66	18.14	-1.42	94.40	37.42	23.70	0.00	0.94
8-Mar-05	67	20.33	-1.76	90.40	21.64	24.21	0.00	2.95
9-Mar-05	68	20.74	-0.71	85.30	22.78	24.07	0.00	1.67
10-Mar-05	69	22.83	-0.78	80.70	18.82	24.62	0.00	1.41
11-Mar-05	70	20.57	1.82	58.66	26.43	24.68	0.00	2.91
12-Mar-05	71	25.89	-2.50	83.50	13.38	25.23	0.00	1.56
13-Mar-05	72	23.44	0.23	67.87	22.13	19.97	0.00	1.93
14-Mar-05	73	18.68	0.33	83.40	24.20	14.01	0.00	4.76
15-Mar-05	74	3.60	-5.71	93.20	70.50	14.77	0.00	5.52
16-Mar-05	75	12.46	-8.27	87.00	35.92	25.91	0.00	0.50
17-Mar-05	76	17.62	-6.34	82.40	21.00	21.59	0.00	2.12
18-Mar-05	77	18.59	8.63	40.80	15.96		2.03	1.13
19-Mar-05	78	16.99	5.74	66.04	25.95	15.53	0.00	2.74

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
20-Mar-05	79	19.06	4.06	77.20	23.38	13.23	0.00	4.03
21-Mar-05	80	15.41	3.72	50.25	17.46	18.68	0.00	3.45
22-Mar-05	81	19.01	-0.70	65.32	11.06	26.18	0.00	2.19
23-Mar-05	82	22.28	0.13	72.00	10.49	24.04	0.00	4.36
24-Mar-05	83	17.79	5.01	49.94	12.19	24.49	0.00	3.28
25-Mar-05	84	17.96	2.02	80.70	13.46	18.94	0.51	2.53
26-Mar-05	85	13.88	-1.90	81.20	24.19	16.66	0.00	3.05
27-Mar-05	86	19.48	-5.88	93.40	16.19	26.56	0.00	1.33
28-Mar-05	87	23.61	-2.33	80.80	9.19	20.50	0.00	3.72
29-Mar-05	88	17.23	6.14	42.57	12.03	25.12	0.00	5.03
30-Mar-05	89	17.86	1.55	49.54	8.99	27.14	0.00	4.26
31-Mar-05	90	14.81	-3.76	64.68	12.36	28.11	0.00	4.19
1-Apr-05	91	17.72	-4.89	80.40	9.73	28.28	0.00	1.58
2-Apr-05	92	22.61	-5.85	82.50	3.56	28.48	0.00	2.37
3-Apr-05	93	24.39	3.59	57.80	9.12	15.82	0.00	2.86
4-Apr-05	94	26.67	-0.97	69.96	5.83	25.76	0.00	5.64
5-Apr-05	95	21.17	4.02	50.04	7.79	28.78	0.00	4.43
6-Apr-05	96	23.61	-1.11	58.65	6.76	28.34	0.00	2.21
7-Apr-05	97	25.06	-1.77	75.00	9.42	28.40	0.00	2.88
8-Apr-05	98	27.56	2.32	58.03	4.53	27.98	0.00	4.79
9-Apr-05	99	22.00	3.27	33.24	6.96	27.29	0.00	5.59
10-Apr-05	100	14.71	1.32	79.90	20.66	15.60	0.00	2.86
11-Apr-05	101	21.72	-4.09	93.60	9.06	29.46	0.00	2.21
12-Apr-05	102	24.39	-3.46	76.10	6.49	29.05	0.00	1.94
13-Apr-05	103	28.00	-4.22	76.90	7.09	29.33	0.00	2.52
14-Apr-05	104	29.67	1.03	73.20	7.75	29.26	0.00	2.27
15-Apr-05	105	29.83	7.31	72.10	8.39	27.33	0.00	3.32
16-Apr-05	106	24.89	8.69	91.40	24.01	17.46	8.64	3.97
17-Apr-05	107	24.78	6.81	93.30	18.97	27.54	0.00	2.75
18-Apr-05	108	27.78	3.68	95.40	7.02	29.66	0.00	3.62
19-Apr-05	109	27.00	1.63	86.30	6.16	30.46	0.00	4.37
20-Apr-05	110	28.17	3.46	71.80	5.13	30.46	3.05	3.59
21-Apr-05	111	25.78	6.04	76.80	8.02	30.67	0.00	2.76
22-Apr-05	112	27.72	3.36	74.90	6.09	29.11	0.00	3.05
23-Apr-05	113	25.67	8.89	68.69	14.11	28.77	0.00	2.97
24-Apr-05	114	22.78	9.66	88.40	13.35	24.61	2.03	4.35
25-Apr-05	115	20.64	5.27	72.80	18.22	21.49	0.00	2.30
26-Apr-05	116	23.17	2.49	91.50	15.48	26.99	0.00	1.39
27-Apr-05	117	26.56	1.29	93.60	5.89	29.92	0.00	3.21
28-Apr-05	118	27.06	3.18	78.50	6.49	27.06	0.00	4.14
29-Apr-05	119	18.61	3.55	87.70	23.68	17.79	0.00	2.50
30-Apr-05	120	23.56	-0.70	96.20	12.88	31.21	0.00	2.55
1-May-05	121	27.11	2.49	86.00	9.22	25.02	0.00	2.67

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
2-May-05	122	20.11	6.97	68.98	26.11	28.33	0.00	5.80
3-May-05	123	20.94	1.42	93.00	23.31	25.72	2.54	2.57
4-May-05	124	25.22	4.97	96.50	23.04	30.12	0.00	1.38
5-May-05	125	29.28	6.54	93.40	12.55	25.53	0.00	2.26
6-May-05	126	27.72	5.54	93.60	9.15	26.25	0.00	4.81
7-May-05	127	23.83	3.52	85.10	9.02	24.52	0.00	2.76
8-May-05	128	26.44	1.82	81.10	10.39	31.92	0.00	1.68
9-May-05	129	29.22	3.49	92.10	8.69	31.97	0.00	2.86
10-May-05	130	31.06	3.96	69.49	6.69	32.13	0.00	4.54
11-May-05	131	27.56	7.37	79.40	3.66	32.26	0.00	3.84
12-May-05	132	28.39	0.23	90.70	5.52	32.97	0.00	2.59
13-May-05	133	29.67	1.07	81.70	7.52	32.55	0.00	1.04
14-May-05	134	30.39	7.50	71.50	8.55	29.87	0.00	4.31
15-May-05	135	27.33	8.79	88.90	16.02	21.91	0.00	3.08
16-May-05	136	30.83	5.45	92.40	10.25	31.59	0.00	3.71
17-May-05	137	31.17	10.16	55.32	8.62	27.66	0.00	3.87
18-May-05	138	31.61	8.93	79.10	10.18	28.93	0.00	1.14
19-May-05	139	35.50	6.74	89.80	6.89	32.72	0.00	1.75
20-May-05	140	38.39	7.14	86.10	5.59	32.43	0.00	1.82
21-May-05	141	39.00	9.00	83.70	6.92	32.01	0.00	1.96
22-May-05	142	39.44	11.38	75.20	6.45	28.05	0.00	2.27
23-May-05	143	39.61	11.16	81.20	5.76	25.51	0.00	1.42
24-May-05	144	37.56	14.64	69.20	6.99	25.36	0.00	1.84
25-May-05	145	37.06	12.95	71.10	4.79	30.04	0.00	1.53
26-May-05	146	31.83	14.38	82.60		22.42	0.25	4.38
27-May-05	147	29.94	11.69	93.10	21.33	27.61	0.51	3.04
28-May-05	148	27.56	10.62	94.50	28.53	25.31	1.02	2.37
29-May-05	149	19.40	4.59	89.20	30.55		0.00	
30-May-05	150	24.43	-1.25	89.03	16.52		0.00	
31-May-05	151	31.89	7.91	72.30	13.61		0.00	1.539
1-Jun-05	152	33.33	10.11	76.10	11.78	34.33	0.00	2.420
2-Jun-05	153	31.56	11.24	70.50	12.36	25.52	0.00	2.570
3-Jun-05	154	31.50	7.01	63.59	11.83	33.73	0.00	2.701
4-Jun-05	155	30.39	9.60	61.95	15.53	32.01	0.00	1.960
5-Jun-05	156	31.67	7.88	62.20	11.18	34.97	0.00	2.822
6-Jun-05	157	33.22	7.12	65.34	8.85	35.40	0.00	3.344
7-Jun-05	158	33.39	6.44	64.84	9.56	35.15	0.00	3.451
8-Jun-05	159	33.11	7.85	57.56	8.58	35.45	0.00	2.728
9-Jun-05	160	32.72	7.04	50.73	8.78	34.18	0.00	2.670
10-Jun-05	161	30.83	12.19	60.75	13.64	33.70	0.00	2.031
11-Jun-05	162	31.06	8.66	68.01	15.24	32.89	0.00	2.715
12-Jun-05	163	30.67	11.51	63.86	15.94	30.79	0.00	2.459
13-Jun-05	164	34.06	9.97	65.37	12.46	35.11	0.00	1.661

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
14-Jun-05	165	35.61	9.13	59.41	12.42	34.62	0.00	2.402
15-Jun-05	166	35.56	16.37	52.75	12.60	31.41	0.00	3.398
16-Jun-05	167	36.94	14.92	60.77	11.11	33.80	0.00	2.608
17-Jun-05	168	36.17	8.76	59.28	7.56	35.89	0.00	2.289
18-Jun-05	169	36.50	5.99	55.37	7.16	36.26	0.00	1.664
19-Jun-05	170	37.89	6.00	63.43	8.03	34.34	0.00	1.172
20-Jun-05	171	37.94	10.03	59.01	9.96	34.13	0.00	2.233
21-Jun-05	172	36.00	13.41	65.31	19.68	28.96	0.00	1.890
22-Jun-05	173	33.94	12.43	82.30	15.06	34.54	0.00	1.707
23-Jun-05	174	35.89	10.34	71.80	13.10	33.19	0.00	1.721
24-Jun-05	175	35.56	16.77	55.13	15.53	30.50	0.00	2.493
25-Jun-05	176	34.78	15.96	74.00	19.04	23.83	0.00	2.277
26-Jun-05	177	36.33	14.22	94.50	8.19	30.04	0.25	2.67
27-Jun-05	178	37.39	15.07	81.90	9.38	29.09	0.00	1.86
28-Jun-05	179	38.06	12.56	88.90	11.68	25.53	0.00	2.34
29-Jun-05	180	39.17	15.84	84.80	6.35	30.96	0.00	2.20
30-Jun-05	181	39.56	10.21	70.10	5.42	28.84	0.00	1.90
1-Jul-05	182	39.33	10.23	79.20	5.16	28.64	0.00	1.64
2-Jul-05	183	40.11	8.24	84.20	3.39	32.09	0.00	1.35
3-Jul-05	184	39.17	16.54	44.84	5.39	30.50	0.00	2.30
4-Jul-05	185	39.94	11.86	68.29	4.03	32.59	0.00	1.41
5-Jul-05	186	38.61	11.32	79.30	7.45	29.66	0.00	2.25
6-Jul-05	187	38.67	17.57	67.86	6.75	30.84	0.00	2.62
7-Jul-05	188	38.94	11.36	79.50	6.19	30.42	0.00	1.70
8-Jul-05	189	39.50	15.71	69.67	8.18	24.35	0.00	2.25
9-Jul-05	190	40.06	13.75	71.80	5.66	30.25	0.00	1.76
10-Jul-05	191	38.61	14.74	80.20	6.15	31.09	0.00	1.80
11-Jul-05	192	38.89	13.42	79.10	5.56	32.34	0.00	2.38
12-Jul-05	193	38.22	13.08	83.30	9.12	28.28	0.00	2.04
13-Jul-05	194	37.22	17.76	74.30	11.98	25.82	0.00	1.87
14-Jul-05	195	40.28	12.66	87.90	9.38	30.84	0.00	1.51
15-Jul-05	196	38.17	14.62	81.10	10.31	29.96	0.00	2.81
16-Jul-05	197	39.28	17.29	70.20	11.38	29.00	0.00	2.67
17-Jul-05	198	39.78	19.78	76.30	10.81	28.64	3.30	2.86
18-Jul-05	199	38.00	15.71	89.40	11.34	30.42	0.00	1.77
19-Jul-05	200	40.22	19.18	64.32	9.88	29.75	0.00	2.79
20-Jul-05	201	40.72	15.41	84.40	10.14	28.32	0.00	1.97
21-Jul-05	202	37.39	15.38	77.70	11.28	30.96	0.00	2.23
22-Jul-05	203	31.78	17.76	70.50	22.60	18.18	0.00	1.96
23-Jul-05	204	36.94	15.64	77.90	14.94	24.96	0.00	1.77
24-Jul-05	205	35.83	19.95	80.10	14.64	25.12	4.06	2.07
25-Jul-05	206	36.83	17.56	81.20	14.67	24.95	0.00	1.94
26-Jul-05	207	33.50	17.07	82.80	22.33	22.23	1.52	2.63

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
27-Jul-05	208	30.17	16.61	72.20	25.62	25.82	0.00	3.73
28-Jul-05	209	35.06	11.99	89.00	10.98	31.05	0.00	1.37
29-Jul-05	210	35.78	11.86	85.80	10.18	31.13	0.00	1.28
30-Jul-05	211	36.33	15.88	84.70	16.67	29.05	0.00	2.62
31-Jul-05	212	36.06	15.18	83.30	12.31	28.96	0.00	1.31
1-Aug-05	213	38.22	14.92	77.70	11.14	29.41	0.00	1.60
2-Aug-05	214	37.56	13.39	79.50	10.71	29.33	0.00	1.82
3-Aug-05	215	36.67	13.72	75.30	11.34	29.41	3.05	1.71
4-Aug-05	216	34.00	14.92	87.80	17.47	25.68	2.03	2.24
5-Aug-05	217	29.33	16.57	84.30	34.03	16.25	2.29	2.89
6-Aug-05	218	33.50	14.48	90.80	21.03	28.16	0.00	1.90
7-Aug-05	219	31.39	16.08	92.20	24.27	24.85	0.25	1.46
8-Aug-05	220	34.89	15.58	93.90	17.67	29.50	0.00	1.83
9-Aug-05	221	36.11	16.22	89.80	16.07	30.08	0.00	1.53
10-Aug-05	222	35.50	15.82	91.90	12.78	28.46	0.00	1.67
11-Aug-05	223	35.17	16.26	81.80	26.46	29.15	0.00	1.762
12-Aug-05	224	31.51	16.78	94.34	35.18	21.39	0.00	1.617
13-Aug-05	225	30.65	13.38	95.58	36.53		0.00	
14-Aug-05	226	26.93	17.19	84.55	47.41		0.00	
15-Aug-05	227	29.89	16.47	91.30	44.00		0.00	1.071
16-Aug-05	228	31.28	15.48	95.10	30.22	30.24	0.00	1.497
17-Aug-05	229	33.11	14.69	91.30	29.51	23.33	0.00	1.156
18-Aug-05	230	30.83	15.32	92.70	36.03	18.31	0.00	1.143
19-Aug-05	231	28.17	16.53	94.70	45.30	13.33	0.00	0.647
20-Aug-05	232	28.33	16.23	88.90	43.97	21.06	0.00	1.496
21-Aug-05	233	32.78	13.44	93.10	28.19	29.45	0.00	1.220
22-Aug-05	234	32.17	16.19	87.30	27.49	28.37	0.00	2.187
23-Aug-05	235	32.33	14.69	86.40	28.60	21.82	0.00	1.353
24-Aug-05	236	31.72	16.06	88.60	33.93	21.57	0.00	1.291
25-Aug-05	237	33.44	13.34	96.00	27.21	28.45	0.00	0.558
26-Aug-05	238	35.83	14.69	91.90	22.08	27.47	0.00	1.169
27-Aug-05	239	36.72	13.14	85.90	17.49	28.07	0.00	1.262
28-Aug-05	240	32.72	14.78	80.30	18.60	27.76	0.00	3.237
29-Aug-05	241	33.56	11.93	90.80	13.11	27.76	0.00	1.33
30-Aug-05	242	36.22	11.97	86.20	11.55	26.90	0.00	1.19
31-Aug-05	243	36.61	11.30	82.90	8.32	26.73	0.00	1.92
1-Sep-05	244	35.22	15.58	76.30	16.34	23.89	0.25	2.47
2-Sep-05	245	29.33	16.08	90.90	29.49	21.52	0.00	1.73
3-Sep-05	246	30.17	14.43	91.70	25.63	20.11	0.00	1.21
4-Sep-05	247	31.06	17.08	83.60	28.06	21.64	0.00	2.05
5-Sep-05	248	30.06	18.15	93.10	34.19	23.62	1.52	1.79
6-Sep-05	249	29.06	15.78	94.10	41.91	15.18	0.51	1.52
7-Sep-05	250	27.61	16.42	94.20	38.72	18.59	0.00	1.35



Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
8-Sep-05	251	29.22	13.00	94.50	24.17	24.61	0.00	1.59
9-Sep-05	252	30.39	11.57	92.60	22.60	23.98	0.00	3.06
10-Sep-05	253	31.44	14.48	86.80	14.78	24.52	0.00	2.06
11-Sep-05	254	31.39	12.63	89.40	15.71	22.54	0.00	2.44
12-Sep-05	255	31.00	8.75	90.80	15.28	21.63	0.00	2.25
13-Sep-05	256	31.28	7.72	90.20	6.29	26.14	0.00	2.60
14-Sep-05	257	30.67	5.49	77.90	7.26	26.17	0.00	2.19
15-Sep-05	258	29.33	3.44	86.10	9.72	26.10	0.00	1.17
16-Sep-05	259	32.39	3.30	90.10	10.58	25.43	0.00	2.32
17-Sep-05	260	34.22	8.84	78.50	10.78	22.43	0.00	2.44
18-Sep-05	261	34.28	8.75	83.70	12.28	24.23	0.00	1.56
19-Sep-05	262	33.61	9.48	89.30	13.41	20.81	0.00	1.54
20-Sep-05	263	34.17	12.23	91.70	8.69	24.45	0.00	1.44
21-Sep-05	264	33.00	9.14	90.20	14.78	23.73	0.00	1.52
22-Sep-05	265	33.94	12.47	84.30	16.04	19.35	0.00	1.55
23-Sep-05	266	32.83	14.75	83.00	18.44	20.41	0.00	2.27
24-Sep-05	267	33.78	10.44	87.50	10.95	23.10	0.00	2.15
25-Sep-05	268	34.17	8.45	79.90	11.05	23.94	0.00	1.43
26-Sep-05	269	36.56	8.18	85.50	7.85	23.60	0.00	1.76
27-Sep-05	270	33.83	9.21	85.90	13.08	22.30	0.00	2.41
28-Sep-05	271	29.61	13.03	85.50	27.86	11.23	0.00	2.83
29-Sep-05	272	24.83	10.83	92.30	39.36	16.02	0.76	3.42
30-Sep-05	273	27.83	10.17	94.90	28.06	22.31	0.00	1.77
1-Oct-05	274	30.61	6.98	95.50	13.05	21.95	0.00	1.10
2-Oct-05	275	27.61	11.63	87.50	22.71	12.05	0.00	1.69
3-Oct-05	276	28.56	8.74	92.30	25.97	15.31	0.00	1.40
4-Oct-05	277	29.67	14.85	85.30	29.43	17.28	0.00	3.60
5-Oct-05	278	30.39	11.73	91.70	22.00	21.23	0.00	3.36
6-Oct-05	279	13.47	7.12	95.10	52.30	5.22	0.00	3.55
7-Oct-05	280	20.06	5.79	95.40	52.80	7.40	0.00	0.56
8-Oct-05	281	27.22	4.86	96.30	24.67	20.25	0.00	2.51
9-Oct-05	282	20.18	6.58	95.20	33.22	10.64	0.00	1.88
10-Oct-05	283	18.88	4.63	95.20	29.08	13.27	0.00	1.02
11-Oct-05	284	23.06	3.66	95.80	20.48	20.58	0.00	0.93
12-Oct-05	285	24.72	1.67	95.50	13.02	20.61	0.00	1.52
13-Oct-05	286	21.89	6.25	91.60	31.81	12.35	0.00	2.68
14-Oct-05	287	25.44	2.70	94.30	26.57	19.52	0.00	0.99
15-Oct-05	288	16.85	5.92	95.10	61.88	7.05	0.00	1.02
16-Oct-05	289	25.56	4.19	95.60	22.58	16.96	0.00	1.02
17-Oct-05	290	27.33	3.17	95.30	18.55	17.92	0.00	0.99
18-Oct-05	291	26.89	5.32	94.40	32.66	15.25	0.00	1.94
19-Oct-05	292	23.11	6.35	93.40	23.71	19.51	0.00	1.54
20-Oct-05	293	23.11	3.63	91.80	24.34	19.34	0.00	1.72

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
21-Oct-05	294	24.72	2.30	92.20	23.21	15.26	0.00	1.48
22-Oct-05	295	27.61	3.74	91.90	26.52	19.64	0.00	1.89
23-Oct-05	296	20.37	5.36	87.60	36.50	17.52	0.00	7.88
24-Oct-05	297	18.31	2.76	80.70	50.30	12.68	0.00	3.37
25-Oct-05	298	22.61	-0.44	91.10	32.98	17.64	0.00	2.92
26-Oct-05	299	24.28	3.88	87.50	23.35	16.07	0.00	1.26
27-Oct-05	300	24.17	4.21	80.20	28.89	16.80	0.00	4.01
28-Oct-05	301	21.00	3.03	88.70	40.82	15.00	0.00	3.69
29-Oct-05	302	23.44	2.36	90.30	28.59	14.68	0.00	1.03
30-Oct-05	303	23.94	-0.17	86.70	25.27	16.90	0.00	2.09
31-Oct-05	304	18.07	-1.38	68.37	22.55	17.06	0.00	4.94
1-Nov-05	305	24.00	-4.62	82.70	15.95	17.16	0.00	2.08
2-Nov-05	306	23.78	-2.80	76.10	21.05	14.61	0.00	2.72
3-Nov-05	307	22.72	0.17	78.50	26.60	7.54	0.00	1.19
4-Nov-05	308	25.89	1.82	72.00	13.58	17.30	0.00	5.28
5-Nov-05	309	26.13	-0.48	67.25	9.01		0.00	1.97
6-Nov-05	310	25.71	-3.50	78.50	10.87		0.00	
7-Nov-05	311	25.39	0.67	71.60	16.22		0.00	3.01
8-Nov-05	312	25.50	-0.31	72.10	18.34	13.53	0.00	1.58
9-Nov-05	313	25.00	2.03	71.50	21.62	15.27	0.00	3.81
10-Nov-05	314	25.17	1.58	72.50	21.55	15.85	0.00	3.52
11-Nov-05	315	24.50	2.22	77.30	13.82	13.43	0.00	5.59
12-Nov-05	316	21.89	-1.49	74.30	24.77	16.18	0.00	2.25
13-Nov-05	317	20.57	-2.97	80.30	20.79	16.41	0.00	2.59
14-Nov-05	318	22.56	-2.74	66.79	19.56	15.97	0.00	3.38
15-Nov-05	319	13.08	-4.91	61.52	16.68	15.16	0.00	8.94
16-Nov-05	320	14.17	-9.66	57.56	15.93	16.45	0.00	1.8
17-Nov-05	321	16.31	-7.16	63.46	18.25	15.81	0.00	3.68
18-Nov-05	322	14.72	-4.64	77.60	22.89	15.21	0.00	3.74
19-Nov-05	323	14.92	-10.11	89.60	18.67	14.55	0.00	1.85
20-Nov-05	324	17.83	-9.68	90.00	16.92	15.24	0.00	0.77
21-Nov-05	325							
22-Nov-05	326	20.99	-9.54	85.90	11.39	14.78	0.00	1.14
23-Nov-05	327	19.59	-9.18	84.90	11.23	13.95	0.00	1.22
24-Nov-05	328	19.86	-2.02	66.91	12.16	11.41	0.00	1.71
25-Nov-05	329	21.11	-4.75	73.40	9.26	14.70	0.00	1.48
26-Nov-05	330	20.73	-8.04	80.10	13.79	11.15	0.00	2.81
27-Nov-05	331	10.50	-3.42	59.42	10.64	14.95	0.00	5.18
28-Nov-05	332	9.87	-12.61	83.90	8.73	15.03	0.00	2.36
29-Nov-05	333	12.78	-12.21	74.50	12.03	13.55	0.00	0.93
30-Nov-05	334	20.26	-8.74	72.10	10.03	14.36	0.00	1.63
1-Dec-05	335	19.93	-6.74	83.40	13.39	13.92	0.00	2.39
2-Dec-05	336	24.33	-0.93	52.29	8.03	12.43	0.00	3.56

Date	DOY	Tmax (°C)	Tmin (°C)	RHmax (%)	RHmin (%)	Rs (MJ/m <sup>2</sup> )	Prec (mm)	U avg (m/s)
3-Dec-05	337	19.79	2.65	44.45	12.69	13.61	0.00	4.56
4-Dec-05	338	9.43	-3.18	51.14	11.93	14.41	0.00	4.15
5-Dec-05	339	8.23	-12.91	72.80	12.40	14.55	0.00	2.07
6-Dec-05	340	12.02	-16.11	81.90	9.13	14.38	0.00	1.19
7-Dec-05	341	8.17	-14.90	77.10	12.83	13.92	0.00	2.42
8-Dec-05	342	6.64	-13.28	69.82	12.50	13.92	0.00	1.98
9-Dec-05	343	13.68	-12.81	73.30	10.13	13.83	0.00	0.73
10-Dec-05	344	14.95	-12.47	71.60	10.43	13.91	0.00	1.94
11-Dec-05	345	10.03	-6.92	64.16	14.10	7.37	0.00	1.83
12-Dec-05	346	13.58	-5.72	68.04	11.80	9.65	0.00	1.43
13-Dec-05	347	16.08	-3.82	73.30	13.36	12.73	0.00	2.27
14-Dec-05	348	13.78	-8.61	89.20	11.27	13.65	0.00	2.44
15-Dec-05	349	5.55	-8.78	40.28	11.80	9.75	0.00	2.29
16-Dec-05	350	12.68	-7.91	59.73	11.40	13.25	0.00	1.40
17-Dec-05	351	13.32	-12.31	84.80	12.60	13.42	0.00	1.69
18-Dec-05	352	16.63	-4.52	61.97	13.96	13.25	0.00	1.63
19-Dec-05	353	18.89	-7.72	79.10	15.12	12.74	0.00	0.81
20-Dec-05	354	18.19	-7.65	89.70	19.19	13.12	0.00	0.84
21-Dec-05	355	17.89	-7.82	88.10	19.89	13.34	0.00	1.69
22-Dec-05	356	18.53	-6.98	89.50	18.49	12.29	0.00	0.97
23-Dec-05	357	22.22	-3.76	80.00	13.60	12.55	0.00	2.38
24-Dec-05	358	20.83	-4.42	71.90	10.96	13.70	0.00	1.73
25-Dec-05	359	20.09	-8.54	81.70	11.86	13.57	0.00	1.18
26-Dec-05	360	21.72	-5.32	71.00	11.69	13.64	0.00	1.69
27-Dec-05	361	19.56	1.33	59.90	10.33	13.58	0.00	2.23
28-Dec-05	362	19.59	-4.16	66.88	13.39	12.82	0.00	1.41
29-Dec-05	363	20.99	-4.95	76.80	16.62	12.46	0.00	1.08
30-Dec-05	364	15.81	-7.44	82.60	12.29	14.24	0.00	1.66
31-Dec-05	365	18.27	-6.18	75.70	12.06	9.52	0.00	1.22

**APPENDIX K: DAILY VALUES OF REFERENCE ET AND CROP  
COEFFICIENTS MEASURED WITH RESPECT TO GROWING  
DEGREE DAYS AT BOSQUE FOR 2005**

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	ET <sub>o</sub> (mm)	bosque ET <sub>meas</sub> (mm)	bosque K <sub>c</sub>
11-Apr-05	101	21.72	-4.09	3.11	4.99	2.82	0.56
12-Apr-05	102	24.39	-3.46	7.56	5.25	2.65	0.51
13-Apr-05	103	28.00	-4.22	13.81	6.37	2.43	0.38
14-Apr-05	104	29.67	1.03	20.89	6.38	2.02	0.32
15-Apr-05	105	29.83	7.31	28.06	7.15	2.10	0.29
16-Apr-05	106	24.89	8.69	32.75	5.13	2.22	0.43
17-Apr-05	107	24.78	6.81	37.39	5.56	3.41	0.61
18-Apr-05	108	27.78	3.68	43.53	7.09	3.35	0.47
19-Apr-05	109	27.00	1.63	49.28	7.57	2.87	0.38
20-Apr-05	110	28.17	3.46	55.62	7.44	3.43	0.46
21-Apr-05	111	25.78	6.04	60.76	6.35	3.06	0.48
22-Apr-05	112	27.72	3.36	66.87	6.82	3.98	0.58
23-Apr-05	113	25.67	8.89	71.95	6.29	3.30	0.52
24-Apr-05	114	22.78	9.66	75.59	5.97	3.51	0.59
25-Apr-05	115	20.64	5.27	78.16	4.47	2.64	0.59
26-Apr-05	116	23.17	2.49	82.00	4.61	2.98	0.65
27-Apr-05	117	26.56	1.29	87.53	6.74	3.79	0.56
28-Apr-05	118	27.06	3.18	93.31	7.31	3.54	0.48
29-Apr-05	119	18.61	3.55	94.86	3.81	2.16	0.57
30-Apr-05	120	23.56	-0.70	98.89	5.72	4.18	0.73
1-May-05	121	27.11	2.49	104.70	6.03	3.42	0.57
2-May-05	122	20.11	6.97	107.00	6.03	4.19	0.70
3-May-05	123	20.94	1.42	109.72	4.73	3.10	0.65
4-May-05	124	25.22	4.97	114.58	5.16	5.57	1.08
5-May-05	125	29.28	6.54	121.47	5.99	3.45	0.58
6-May-05	126	27.72	5.54	127.58	7.56	3.94	0.52
7-May-05	127	23.83	3.52	131.75	5.56	3.34	0.60
8-May-05	128	26.44	1.82	137.22	5.79	4.49	0.78
9-May-05	129	29.22	3.49	144.08	7.18	4.71	0.66
10-May-05	130	31.06	3.96	151.86	9.09	4.78	0.53
11-May-05	131	27.56	7.37	157.89	7.78	4.94	0.63
12-May-05	132	28.39	0.23	164.33	7.00	4.76	0.68
13-May-05	133	29.67	1.07	171.42	5.62	4.92	0.87
14-May-05	134	30.39	7.50	178.86	8.45	5.39	0.64
15-May-05	135	27.33	8.79	184.78	5.90	3.38	0.57
16-May-05	136	30.83	5.45	192.44	8.08	5.30	0.66
17-May-05	137	31.17	10.16	200.28	8.26	4.83	0.58
18-May-05	138	31.61	8.93	208.33	5.74	5.32	0.93
19-May-05	139	35.50	6.74	218.33	7.29	6.52	0.89
20-May-05	140	38.39	7.14	229.78	7.79	6.53	0.84

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	ETo (mm)	bosque ET_meas (mm)	bosque Kc
21-May-05	141	39.00	9.00	241.53	8.02	6.38	0.80
22-May-05	142	39.44	11.38	253.50	8.08	6.48	0.80
23-May-05	143	39.61	11.16	265.55	6.58	5.98	0.91
24-May-05	144	37.56	14.64	276.58	6.92	6.33	0.91
25-May-05	145	37.06	12.95	287.36	6.99	6.52	0.93
26-May-05	146	31.83	14.38	295.53		5.54	
27-May-05	147	29.94	11.69	302.75	6.73	5.45	0.81
28-May-05	148	27.56	10.62	308.78	5.58	5.50	0.99
29-May-05	149	19.40	4.59	310.73		4.15	
30-May-05	150	24.43	-1.25	315.19		6.54	
31-May-05	151	31.89	7.91	323.39		6.70	
1-Jun-05	152	33.33	10.11	332.30	7.90	6.51	0.82
2-Jun-05	153	31.56	11.24	340.33	6.84	5.39	0.79
3-Jun-05	154	31.50	7.01	348.33	7.81	6.37	0.82
4-Jun-05	155	30.39	9.60	355.77	6.81	5.65	0.83
5-Jun-05	156	31.67	7.88	363.86	8.10	7.19	0.89
6-Jun-05	157	33.22	7.12	372.72	8.95	6.71	0.75
7-Jun-05	158	33.39	6.44	381.66	9.04	7.09	0.78
8-Jun-05	159	33.11	7.85	390.47	8.40	6.71	0.80
9-Jun-05	160	32.72	7.04	399.08	8.17	6.77	0.83
10-Jun-05	161	30.83	12.19	406.75	7.21	6.49	0.90
11-Jun-05	162	31.06	8.66	414.52	7.60	6.98	0.92
12-Jun-05	163	30.67	11.51	422.11	7.17	6.24	0.87
13-Jun-05	164	34.06	9.97	431.39	7.37	7.21	0.98
14-Jun-05	165	35.61	9.13	441.44	8.36	7.70	0.92
15-Jun-05	166	35.56	16.37	451.90	9.06	6.51	0.72
16-Jun-05	167	36.94	14.92	462.62	8.75	7.71	0.88
17-Jun-05	168	36.17	8.76	472.96	8.51	7.19	0.84
18-Jun-05	169	36.50	5.99	483.46	7.79	7.10	0.91
19-Jun-05	170	37.89	6.00	494.65	7.05	6.98	0.99
20-Jun-05	171	37.94	10.03	505.87	8.53	7.45	0.87
21-Jun-05	172	36.00	13.41	516.12	7.13	6.35	0.89
22-Jun-05	173	33.94	12.43	525.35	7.36	7.11	0.97
23-Jun-05	174	35.89	10.34	535.54	7.45	7.42	1.00
24-Jun-05	175	35.56	16.77	546.20	8.01	6.99	0.87
25-Jun-05	176	34.78	15.96	556.07	6.69	6.05	0.90
26-Jun-05	177	36.33	14.22	566.49	8.16	7.62	0.93
27-Jun-05	178	37.39	15.07	577.43	7.36	6.80	0.92
28-Jun-05	179	38.06	12.56	588.71	7.53	6.48	0.86
29-Jun-05	180	39.17	15.84	600.72	8.26	7.51	0.91
30-Jun-05	181	39.56	10.21	612.75	7.75	6.97	0.90
1-Jul-05	182	39.33	10.23	624.66	7.30	6.73	0.92
2-Jul-05	183	40.11	8.24	636.97	7.32	7.67	1.05

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	ETo (mm)	bosque ET_meas (mm)	bosque Kc
3-Jul-05	184	39.17	16.54	649.32	8.43	7.85	0.93
4-Jul-05	185	39.94	11.86	661.54	7.44	7.70	1.04
5-Jul-05	186	38.61	11.32	673.10	8.11	7.61	0.94
6-Jul-05	187	38.67	17.57	685.72	8.71	7.63	0.88
7-Jul-05	188	38.94	11.36	697.44	7.51	8.09	1.08
8-Jul-05	189	39.50	15.71	709.54	7.59	6.96	0.92
9-Jul-05	190	40.06	13.75	721.82	7.72	7.90	1.02
10-Jul-05	191	38.61	14.74	733.38	7.68	8.51	1.11
11-Jul-05	192	38.89	13.42	745.07	8.61	8.63	1.00
12-Jul-05	193	38.22	13.08	756.43	7.56	8.17	1.08
13-Jul-05	194	37.22	17.76	768.42	6.92	7.13	1.03
14-Jul-05	195	40.28	12.66	780.81	7.43	8.10	1.09
15-Jul-05	196	38.17	14.62	792.15	8.59	8.57	1.00
16-Jul-05	197	39.28	17.29	804.93	8.52	7.97	0.93
17-Jul-05	198	39.78	19.78	819.21	8.73	8.75	1.00
18-Jul-05	199	38.00	15.71	830.57	7.41	8.93	1.20
19-Jul-05	200	40.22	19.18	844.77	8.94	8.73	0.98
20-Jul-05	201	40.72	15.41	857.38	7.76	8.57	1.10
21-Jul-05	202	37.39	15.38	868.32	7.92	8.66	1.09
22-Jul-05	203	31.78	17.76	877.59	5.28	5.00	0.95
23-Jul-05	204	36.94	15.64	888.38	6.56	7.36	1.12
24-Jul-05	205	35.83	19.95	900.77	6.79	7.57	1.11
25-Jul-05	206	36.83	17.56	912.47	6.72	7.87	1.17
26-Jul-05	207	33.50	17.07	922.25	6.40	6.80	1.06
27-Jul-05	208	30.17	16.61	930.14	7.07	7.08	1.00
28-Jul-05	209	35.06	11.99	939.92	6.59	8.17	1.24
29-Jul-05	210	35.78	11.86	950.06	6.56	8.00	1.22
30-Jul-05	211	36.33	15.88	960.67	7.74	8.18	1.06
31-Jul-05	212	36.06	15.18	970.95	6.41	7.43	1.16
1-Aug-05	213	38.22	14.92	982.31	7.03	7.69	1.09
2-Aug-05	214	37.56	13.39	993.34	7.19	8.52	1.18
3-Aug-05	215	36.67	13.72	1003.92	6.96	8.20	1.18
4-Aug-05	216	34.00	14.92	1013.17	6.59	8.57	1.30
5-Aug-05	217	29.33	16.57	1020.62	4.93	5.04	1.02
6-Aug-05	218	33.50	14.48	1029.62	6.46	8.19	1.27
7-Aug-05	219	31.39	16.08	1037.86	5.47	7.47	1.37
8-Aug-05	220	34.89	15.58	1047.59	6.77	8.01	1.18
9-Aug-05	221	36.11	16.22	1058.26	6.73	8.29	1.23
10-Aug-05	222	35.50	15.82	1068.42	6.59	8.32	1.26
11-Aug-05	223	35.17	16.26	1078.63	6.64	8.31	1.25
12-Aug-05	224	31.51	16.78	1087.28	4.97	5.03	1.01
13-Aug-05	225	30.65	13.38	1094.85		6.85	
14-Aug-05	226	26.93	17.19	1101.41		5.16	

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	ETo (mm)	bosque ET_meas (mm)	bosque Kc
15-Aug-05	227	29.89	16.47	1109.09		6.32	
16-Aug-05	228	31.28	15.48	1116.98	6.05	7.69	1.27
17-Aug-05	229	33.11	14.69	1125.78	5.05	6.17	1.22
18-Aug-05	230	30.83	15.32	1133.45	4.14	5.15	1.24
19-Aug-05	231	28.17	16.53	1140.30	2.97	3.66	1.23
20-Aug-05	232	28.33	16.23	1147.08	4.46	4.88	1.10
21-Aug-05	233	32.78	13.44	1155.72	5.81	7.68	1.32
22-Aug-05	234	32.17	16.19	1164.40	6.35	6.62	1.04
23-Aug-05	235	32.33	14.69	1172.82	4.91	6.11	1.24
24-Aug-05	236	31.72	16.06	1181.21	4.75	5.96	1.25
25-Aug-05	237	33.44	13.34	1190.18	5.16	7.63	1.48
26-Aug-05	238	35.83	14.69	1200.35	5.78	7.65	1.32
27-Aug-05	239	36.72	13.14	1210.96	6.00	7.52	1.25
28-Aug-05	240	32.72	14.78	1219.57	7.23	7.57	1.05
29-Aug-05	241	33.56	11.93	1228.60	5.68	7.14	1.26
30-Aug-05	242	36.22	11.97	1238.96	5.66	6.96	1.23
31-Aug-05	243	36.61	11.30	1249.51	6.60	7.55	1.14
1-Sep-05	244	35.22	15.58	1259.41	6.60	6.97	1.06
2-Sep-05	245	29.33	16.08	1266.62	4.77	5.94	1.24
3-Sep-05	246	30.17	14.43	1273.95	4.32	5.30	1.23
4-Sep-05	247	31.06	17.08	1282.52	5.22	5.98	1.15
5-Sep-05	248	30.06	18.15	1291.13	5.08	6.67	1.31
6-Sep-05	249	29.06	15.78	1298.05	3.63	4.27	1.18
7-Sep-05	250	27.61	16.42	1304.56	3.91	5.03	1.29
8-Sep-05	251	29.22	13.00	1311.42	4.94	6.41	1.30
9-Sep-05	252	30.39	11.57	1318.87	5.99	7.04	1.17
10-Sep-05	253	31.44	14.48	1326.84	5.65	6.46	1.14
11-Sep-05	254	31.39	12.63	1334.78	5.72	6.07	1.06
12-Sep-05	255	31.00	8.75	1342.53	5.43	6.01	1.11
13-Sep-05	256	31.28	7.72	1350.42	6.35	6.99	1.10
14-Sep-05	257	30.67	5.49	1358.01	5.88	6.77	1.15
15-Sep-05	258	29.33	3.44	1364.92	4.57	6.02	1.32
16-Sep-05	259	32.39	3.30	1373.37	6.13	6.86	1.12
17-Sep-05	260	34.22	8.84	1382.73	6.23	6.38	1.03
18-Sep-05	261	34.28	8.75	1392.12	5.32	6.39	1.20
19-Sep-05	262	33.61	9.48	1401.17	4.88	5.66	1.16
20-Sep-05	263	34.17	12.23	1410.51	5.16	6.72	1.30
21-Sep-05	264	33.00	9.14	1419.26	5.01	6.14	1.23
22-Sep-05	265	33.94	12.47	1428.48	4.72	5.32	1.13
23-Sep-05	266	32.83	14.75	1437.14	5.36	5.25	0.98
24-Sep-05	267	33.78	10.44	1446.28	5.71	5.96	1.04
25-Sep-05	268	34.17	8.45	1455.62	4.99	5.89	1.18
26-Sep-05	269	36.56	8.18	1466.15	5.66	5.77	1.02

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	ETo (mm)	bosque ET_meas (mm)	bosque Kc
27-Sep-05	270	33.83	9.21	1475.31	5.86	6.14	1.05
28-Sep-05	271	29.61	13.03	1482.37	4.26	3.96	0.93
29-Sep-05	272	24.83	10.83	1487.03	3.99	4.92	1.23
30-Sep-05	273	27.83	10.17	1493.20	4.27	4.88	1.14
1-Oct-05	274	30.61	6.98	1500.75	3.98	5.19	1.30
2-Oct-05	275	27.61	11.63	1506.81	3.40	3.58	1.05
3-Oct-05	276	28.56	8.74	1513.34	3.44	4.14	1.20
4-Oct-05	277	29.67	14.85	1520.42	5.13	4.62	0.90
5-Oct-05	278	30.39	11.73	1527.87	5.58	5.83	1.04
6-Oct-05	279	13.47	7.12	1527.87	1.81	2.00	1.10
7-Oct-05	280	20.06	5.79	1530.15	1.50	1.94	1.29
8-Oct-05	281	27.22	4.86	1536.01	4.42	5.35	1.21
9-Oct-05	282	20.18	6.58	1538.35	2.54	3.57	1.41
10-Oct-05	283	18.88	4.63	1540.04	2.25	3.19	1.42
11-Oct-05	284	23.06	3.66	1543.82	2.94	3.95	1.34
12-Oct-05	285	24.72	1.67	1548.43	3.56	3.84	1.08
13-Oct-05	286	21.89	6.25	1551.62	3.18	2.41	0.76
14-Oct-05	287	25.44	2.70	1556.59	2.98	3.49	1.17
15-Oct-05	288	16.85	5.92	1557.27	1.41	1.85	1.31
16-Oct-05	289	25.56	4.19	1562.30	2.84	3.66	1.29
17-Oct-05	290	27.33	3.17	1568.21	2.99	3.64	1.22
18-Oct-05	291	26.89	5.32	1573.91	3.36	3.45	1.03
19-Oct-05	292	23.11	6.35	1577.71	3.16	3.32	1.05
20-Oct-05	293	23.11	3.63	1581.52	3.23	2.69	0.83
21-Oct-05	294	24.72	2.30	1586.13	2.97	2.61	0.88
22-Oct-05	295	27.61	3.74	1592.18	3.73	2.99	0.80
23-Oct-05	296	20.37	5.36	1594.62	4.49	3.14	0.70
24-Oct-05	297	18.31	2.76	1596.02	2.62	1.83	0.70
25-Oct-05	298	22.61	-0.44	1599.58	3.52	2.72	0.77
26-Oct-05	299	24.28	3.88	1603.96	2.74	2.49	0.91
27-Oct-05	300	24.17	4.21	1608.30	4.33	2.02	0.47
28-Oct-05	301	21.00	3.03	1611.05	3.24	2.13	0.66
29-Oct-05	302	23.44	2.36	1615.02	2.33	2.05	0.88
30-Oct-05	303	23.94	-0.17	1619.24	3.28	2.24	0.68
31-Oct-05	304	18.07	-1.38	1620.53	4.07	1.96	0.48
1-Nov-05	305	24.00	-4.62	1624.78	3.50	1.83	0.52
2-Nov-05	306	23.78	-2.80	1628.92	3.75	1.86	0.50
3-Nov-05	307	22.72	0.17	1632.53	2.09	1.02	0.49
4-Nov-05	308	25.89	1.82	1637.72	5.95	2.10	0.35
5-Nov-05	309	26.13	-0.48	1643.04	3.36	1.50	0.44
6-Nov-05	310	25.71	-3.50	1648.14		1.98	
7-Nov-05	311	25.39	0.67	1653.08		1.85	
8-Nov-05	312	25.50	-0.31	1658.08	2.91	1.47	0.51



Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	ETo (mm)	bosque ET_meas (mm)	bosque Kc
9-Nov-05	313	25.00	2.03	1662.83	4.48	1.59	0.36
10-Nov-05	314	25.17	1.58	1667.67	4.33	1.73	0.40
11-Nov-05	315	24.50	2.22	1672.17	5.57	1.55	0.28
12-Nov-05	316	21.89	-1.49	1675.36	3.02	1.33	0.44
13-Nov-05	317	20.57	-2.97	1677.89	3.15	1.68	0.53
14-Nov-05	318	22.56	-2.74	1681.42	3.96	1.51	0.38

**APPENDIX L: DAILY VALUES OF REFERENCE ET AND CROP  
COEFFICIENT MEASURED WITH RESPECT TO GROWING  
DEGREE DAYS AT LAKE FOR 2005**

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	north lake ET <sub>o_meas</sub> (mm)	north lake ET <sub>estm</sub> (mm)	Kc
11-Apr-05	101	23.52	3.31	4.01	5.42	2.03	0.38
12-Apr-05	102	24.90	3.14	8.71	4.48	1.74	0.39
13-Apr-05	103	28.30	2.47	15.11	5.81	2.35	0.40
14-Apr-05	104	29.30	6.84	22.01	5.70	2.40	0.42
15-Apr-05	105	29.40	8.93	28.96	6.17	2.70	0.44
16-Apr-05	106	26.18	10.37	34.30	4.67	2.10	0.45
17-Apr-05	107	25.04	8.49	39.07	4.41	2.04	0.46
18-Apr-05	108	27.79	7.35	45.22	6.27	2.98	0.48
19-Apr-05	109	27.03	9.26	50.98	8.32	4.06	0.49
20-Apr-05	110	28.10	8.25	57.28	7.24	3.63	0.50
21-Apr-05	111	25.78	7.04	62.42	5.23	2.68	0.51
22-Apr-05	112	28.25	7.58	68.80	5.88	3.09	0.53
23-Apr-05	113	25.98	10.61	74.04	6.06	3.25	0.54
24-Apr-05	114	22.38	9.70	77.48	5.29	2.87	0.54
25-Apr-05	115	23.15	8.15	81.30	6.14	3.38	0.55
26-Apr-05	116	23.39	4.89	85.25	4.59	2.56	0.56
27-Apr-05	117	26.62	8.29	90.81	6.94	3.94	0.57
28-Apr-05	118	27.23	7.18	96.67	7.15	4.14	0.58
29-Apr-05	119	21.67	7.01	99.76	5.18	3.03	0.58
30-Apr-05	120	23.69	3.23	103.85	5.73	3.39	0.59
1-May-05	121	27.39	8.46	109.80	6.28	3.78	0.60
2-May-05	122	22.95	8.08	113.52	6.38	3.88	0.61
3-May-05	123	23.15	4.79	117.35	5.22	3.21	0.61
4-May-05	124	26.04	9.63	122.62	5.50	3.43	0.62
5-May-05	125	28.74	11.11	129.24	5.74	3.64	0.63
6-May-05	126	28.17	9.53	135.57	7.56	4.86	0.64
7-May-05	127	24.50	8.79	140.07	6.26	4.07	0.65
8-May-05	128	26.41	8.66	145.53	6.66	4.38	0.66
9-May-05	129	30.07	9.76	152.81	7.64	5.11	0.67
10-May-05	130	30.24	9.80	160.18	8.38	5.69	0.68
11-May-05	131	27.16	12.29	166.01	7.85	5.39	0.69
12-May-05	132	29.33	6.91	172.93	7.23	5.03	0.70
13-May-05	133	29.73	10.54	180.04	6.68	4.70	0.70
14-May-05	134	30.88	12.06	187.73	8.04	5.74	0.71
15-May-05	135	28.13	13.33	194.05	4.69	3.38	0.72
16-May-05	136	31.15	10.44	201.87	7.38	5.39	0.73
17-May-05	137	30.71	18.38	210.92	7.75	5.73	0.74
18-May-05	138	30.41	15.82	218.53	6.78	5.07	0.75
19-May-05	139	36.07	12.73	228.82	6.40	4.85	0.76
20-May-05	140	38.21	14.85	240.17	7.22	5.55	0.77

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	north lake ETo_meas (mm)	north lake ET_estm (mm)	Kc
21-May-05	141	39.22	16.93	252.75	8.66	6.75	0.78
22-May-05	142	39.99	17.61	266.05	8.18	6.46	0.79
23-May-05	143	39.44	19.49	280.01	7.02	5.62	0.80
24-May-05	144	38.48	18.41	292.96	6.92	5.61	0.81
25-May-05	145	36.64	20.79	306.17	7.37	6.03	0.82
26-May-05	146	33.00	17.07	315.71	7.90	6.52	0.83
27-May-05	147	29.24	15.32	322.58	6.48	5.38	0.83
28-May-05	148	27.66	14.48	328.66	5.07	4.22	0.83
29-May-05	149	28.50	14.51	335.16	4.55	3.81	0.84
30-May-05	150	32.70	13.95	343.76	7.69	6.46	0.84
31-May-05	151	32.83	15.92	352.63	7.75	6.55	0.85
1-Jun-05	152	35.77	14.78	362.77	8.57	7.28	0.85
2-Jun-05	153	32.87	19.02	373.21	7.15	6.11	0.85
3-Jun-05	154	33.04	14.27	381.98	9.12	7.83	0.86
4-Jun-05	155	30.71	12.80	389.59	6.81	5.86	0.86
5-Jun-05	156	33.27	14.65	398.47	7.68	6.65	0.86
6-Jun-05	157	34.22	14.42	407.83	8.66	7.52	0.87
7-Jun-05	158	35.29	15.01	417.73	9.09	7.92	0.87
8-Jun-05	159	35.56	16.36	428.19	8.80	7.71	0.88
9-Jun-05	160	35.07	13.97	437.97	8.91	7.83	0.88
10-Jun-05	161		22.45	437.97	3.05	2.68	0.88
11-Jun-05	162	32.33	16.09	446.68	8.53	7.51	0.88
12-Jun-05	163	32.60	15.59	455.28	7.11	6.28	0.88
13-Jun-05	164	34.18	16.53	465.13	6.49	5.75	0.89
14-Jun-05	165	36.66	18.68	477.30	9.12	8.11	0.89
15-Jun-05	166	38.21	18.54	490.18	8.39	7.48	0.89
16-Jun-05	167	39.21	18.08	503.32	9.00	8.06	0.90
17-Jun-05	168	37.64	17.50	515.39	9.22	8.28	0.90
18-Jun-05	169	37.87	17.30	527.48	9.39	8.46	0.90
19-Jun-05	170	38.64	19.19	540.89	7.37	6.66	0.90
20-Jun-05	171	39.92	18.92	554.81	8.06	7.30	0.91
21-Jun-05	172	36.93	18.55	567.05	8.20	7.45	0.91
22-Jun-05	173	35.56	18.01	578.34	6.88	6.27	0.91
23-Jun-05	174	37.03	17.64	590.17	7.58	6.92	0.91
24-Jun-05	175	37.34	19.53	603.11	7.28	6.66	0.92
25-Jun-05	176	36.70	22.37	617.14	8.02	7.37	0.92
26-Jun-05	177	38.35	18.55	630.09	8.36	7.70	0.92
27-Jun-05	178	37.84	19.93	643.48	8.03	7.42	0.92
28-Jun-05	179	38.95	19.72	657.31	8.48	7.86	0.93
29-Jun-05	180	41.47	18.89	671.99	8.74	8.12	0.93
30-Jun-05	181	42.18	19.32	687.24	8.73	8.15	0.93
1-Jul-05	182	39.76	21.17	702.21	8.04	7.53	0.94
2-Jul-05	183	39.85	19.36	716.31	8.13	7.65	0.94

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	north lake ETo_meas (mm)	north lake ET_estm (mm)	Kc
3-Jul-05	184	40.32	23.12	732.53	9.39	8.87	0.94
4-Jul-05	185	38.98	18.72	745.88	8.47	8.03	0.95
5-Jul-05	186	39.62	19.22	759.80	8.49	8.08	0.95
6-Jul-05	187	39.62	20.57	774.40	8.42	8.05	0.96
7-Jul-05	188	39.62	19.60	788.51	7.91	7.61	0.96
8-Jul-05	189	39.21	19.49	802.36	7.93	7.66	0.97
9-Jul-05	190	37.30	20.87	815.94	8.72	8.47	0.97
10-Jul-05	191	38.62	20.56	830.03	8.01	7.82	0.98
11-Jul-05	192	41.03	19.39	844.74	8.66	8.50	0.98
12-Jul-05	193	38.85	19.15	858.24	7.21	7.11	0.99
13-Jul-05	194	36.92	22.37	872.39	7.21	7.16	0.99
14-Jul-05	195	39.45	18.04	885.63	7.85	7.83	1.00
15-Jul-05	196			885.63			1.00
16-Jul-05	197	37.50	20.94	899.35	7.29	7.32	1.00
17-Jul-05	198	38.03	21.87	913.80	8.70	8.79	1.01
18-Jul-05	199	38.98	22.04	928.81	8.04	8.18	1.02
19-Jul-05	200	39.35	22.44	944.21	8.20	8.41	1.03
20-Jul-05	201	39.58	19.75	958.37	7.51	7.75	1.03
21-Jul-05	202	37.43	21.64	972.41	7.98	8.30	1.04
22-Jul-05	203	34.98	23.49	986.14	6.47	6.78	1.05
23-Jul-05	204	36.38	20.36	999.01	6.77	7.14	1.05
24-Jul-05	205	35.70	22.14	1012.43	6.41	6.80	1.06
25-Jul-05	206	36.66	22.47	1026.50	6.18	6.61	1.07
26-Jul-05	207	35.06	19.58	1038.32	6.74	7.26	1.08
27-Jul-05	208	30.88	19.25	1047.88	7.13	7.71	1.08
28-Jul-05	209	34.10	16.73	1057.80	7.13	7.76	1.09
29-Jul-05	210	35.05	16.96	1068.30	6.92	7.57	1.09
30-Jul-05	211	33.71	19.99	1079.65	6.51	7.16	1.10
31-Jul-05	212	36.70	19.26	1092.13	6.57	7.29	1.11
1-Aug-05	213	36.04	20.73	1105.02	6.69	7.47	1.12
2-Aug-05	214	36.42	20.26	1117.86	6.81	7.66	1.12
3-Aug-05	215	36.79	19.83	1130.67	7.25	8.21	1.13
4-Aug-05	216	36.43	20.13	1143.45	6.66	7.60	1.14
5-Aug-05	217	30.85	19.32	1153.03	5.87	6.73	1.15
6-Aug-05	218	32.23	20.30	1163.80	6.27	7.23	1.15
7-Aug-05	219	33.34	19.16	1174.55	5.27	6.11	1.16
8-Aug-05	220	33.85	20.50	1186.22	5.69	6.64	1.17
9-Aug-05	221	36.16	20.10	1198.85	5.92	6.95	1.17
10-Aug-05	222	36.52	19.36	1211.29	7.56	8.94	1.18
11-Aug-05	223	36.82	21.84	1225.12	7.63	9.08	1.19
12-Aug-05	224	33.61	17.47	1235.16	5.61	6.71	1.20
13-Aug-05	225	30.88	18.14	1244.17	5.03	6.04	1.20
14-Aug-05	226	26.79	18.62	1251.38	3.63	4.38	1.21

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	north lake ETo_meas (mm)	north lake ET_estm (mm)	Kc
15-Aug-05	227	30.54	17.77	1260.03	4.94	5.98	1.21
16-Aug-05	228	33.61	18.25	1270.46	6.40	7.79	1.22
17-Aug-05	229	32.30	20.13	1281.18	4.84	5.91	1.22
18-Aug-05	230	31.99	20.60	1291.97	4.55	5.59	1.23
19-Aug-05	231	29.90	20.13	1301.49	3.99	4.92	1.23
20-Aug-05	232	29.63	19.01	1310.31	4.41	5.46	1.24
21-Aug-05	233	33.10	15.73	1319.22	5.97	7.41	1.24
22-Aug-05	234	33.58	18.28	1329.65	6.21	7.73	1.25
23-Aug-05	235	33.31	19.96	1340.79	5.79	7.24	1.25
24-Aug-05	236	33.27	18.62	1351.23	6.08	7.62	1.25
25-Aug-05	237	34.45	17.37	1361.64	5.74	7.22	1.26
26-Aug-05	238	38.07	21.17	1375.76	6.28	7.94	1.26
27-Aug-05	239	36.83	19.46	1388.41	6.56	8.31	1.27
28-Aug-05	240	36.07	19.76	1400.82	7.73	9.81	1.27
29-Aug-05	241	34.49	16.00	1410.57	6.38	8.11	1.27
30-Aug-05	242	37.11	16.56	1421.90	7.49	9.54	1.27
31-Aug-05	243	37.68	20.03	1435.26	6.53	8.33	1.28
1-Sep-05	244	33.04	18.48	1445.52	5.42	6.93	1.28
2-Sep-05	245	30.21	17.10	1453.67	5.02	6.42	1.28
3-Sep-05	246	31.69	16.73	1462.38	5.05	6.45	1.28
4-Sep-05	247	31.65	18.95	1472.18	5.15	6.58	1.28
5-Sep-05	248	29.97	18.55	1480.94	4.35	5.55	1.28
6-Sep-05	249	30.27	19.33	1490.24	3.95	5.04	1.28
7-Sep-05	250	28.63	18.85	1498.48	2.71	3.46	1.28
8-Sep-05	251	30.51	16.49	1506.48	4.94	6.29	1.27
9-Sep-05	252	31.99	15.89	1514.92	5.67	7.21	1.27
10-Sep-05	253	33.31	19.19	1525.67	5.78	7.34	1.27
11-Sep-05	254	33.04	16.63	1535.01	6.23	7.89	1.27
12-Sep-05	255	32.56	16.03	1543.80	5.77	7.29	1.26
13-Sep-05	256	32.83	14.39	1552.47	6.36	8.00	1.26
14-Sep-05	257	32.06	13.24	1560.75	6.66	8.36	1.25
15-Sep-05	258	30.78	12.29	1568.39	5.38	6.73	1.25
16-Sep-05	259	33.54	11.86	1577.41	7.26	9.04	1.25
17-Sep-05	260	35.97	15.56	1587.67	6.23	7.72	1.24
18-Sep-05	261	35.90	15.76	1598.00	5.61	6.91	1.23
19-Sep-05	262	35.77	16.70	1608.74	4.33	5.29	1.22
20-Sep-05	263	35.77	17.81	1620.03	5.89	7.14	1.21
21-Sep-05	264	33.95	16.83	1629.92	5.71	6.87	1.20
22-Sep-05	265	35.43	17.50	1640.88	4.58	5.46	1.19
23-Sep-05	266	33.85	15.76	1650.19	4.83	5.71	1.18
24-Sep-05	267	35.97	17.61	1661.48	6.06	7.08	1.17
25-Sep-05	268	35.63	15.56	1671.57	6.42	7.41	1.15
26-Sep-05	269	36.88	15.92	1682.47	4.86	5.54	1.14

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	north lake ET <sub>o</sub> _meas (mm)	north lake ET_estm (mm)	Kc
27-Sep-05	270	35.16	15.69	1692.40	6.26	7.04	1.12
28-Sep-05	271	32.56	14.60	1700.93	4.35	4.84	1.11
29-Sep-05	272	26.62	12.16	1706.49	5.18	5.71	1.10
30-Sep-05	273	30.51	11.75	1713.99	3.94	4.29	1.09
1-Oct-05	274	32.06	11.21	1722.27	4.53	4.86	1.07
2-Oct-05	275	28.00	18.14	1729.84	4.67	4.96	1.06
3-Oct-05	276	31.55	14.01	1737.87	4.33	4.53	1.05
4-Oct-05	277	30.48	16.46	1745.84	4.98	5.12	1.03
5-Oct-05	278	32.03	14.77	1754.10	4.66	4.72	1.01
6-Oct-05	279	15.32	9.12	1754.10	2.01	2.04	1.01
7-Oct-05	280	22.00	8.96	1757.35	2.05	2.06	1.00
8-Oct-05	281	28.52	9.40	1763.86	4.40	4.36	0.99
9-Oct-05	282	22.88	11.59	1767.55	3.18	3.12	0.98
10-Oct-05	283	20.97	9.76	1770.29	3.49	3.40	0.98
11-Oct-05	284	23.22	5.93	1774.15	3.26	3.15	0.97
12-Oct-05	285	25.51	5.56	1779.15	3.10	2.96	0.95
13-Oct-05	286	23.49	10.30	1783.15	3.83	3.62	0.94
14-Oct-05	287	24.80	8.29	1787.80	2.53	2.36	0.93
15-Oct-05	288	17.40	10.20	1788.75	1.44	1.34	0.93
16-Oct-05	289	25.68	8.62	1793.84	2.60	2.39	0.92
17-Oct-05	290	27.46	8.19	1799.82	2.78	2.51	0.90
18-Oct-05	291	27.99	9.33	1806.06	3.99	3.53	0.88
19-Oct-05	292	24.50	10.94	1810.56	3.77	3.29	0.87
20-Oct-05	293	25.58	8.43	1815.60	2.84	2.43	0.86
21-Oct-05	294	26.48	7.45	1821.09	2.45	2.06	0.84
22-Oct-05	295	27.72	7.25	1827.20	3.39	2.79	0.82
23-Oct-05	296	23.72	7.88	1831.31	4.78	3.87	0.81
24-Oct-05	297	19.52	6.41	1833.32	2.68	2.16	0.80
25-Oct-05	298	24.53	3.65	1837.84	3.11	2.46	0.79
26-Oct-05	299	24.46	6.44	1842.32	2.59	2.01	0.78
27-Oct-05	300	24.60	9.33	1846.87	3.62	2.75	0.76
28-Oct-05	301	22.78	6.27	1850.51	2.98	2.23	0.75
29-Oct-05	302	23.82	8.39	1854.67	2.99	2.19	0.73
30-Oct-05	303	24.33	5.16	1859.08	2.80	2.01	0.72
31-Oct-05	304	20.36	6.17	1861.51	3.54	2.52	0.71
1-Nov-05	305	23.32	0.82	1865.42	1.85	1.29	0.70
2-Nov-05	306	25.88	2.80	1870.61	2.96	2.01	0.68
3-Nov-05	307	27.36	7.11	1876.54	3.66	2.41	0.66
4-Nov-05	308	27.26	7.28	1882.42	3.94	2.50	0.63
5-Nov-05	309	25.17	6.84	1887.26	3.31	2.04	0.62
6-Nov-05	310	25.21	3.92	1892.11	3.14	1.88	0.60
7-Nov-05	311	26.69	5.80	1897.71	3.18	1.83	0.58
8-Nov-05	312	25.64	4.89	1902.78	1.79	0.99	0.55

Date	DOY	Tmax (°C)	Tmin (°C)	$\Sigma$ (GDD) (°C)	north lake ETo_meas (mm)	north lake ET_estm (mm)	Kc
9-Nov-05	313	28.11	4.92	1909.08	2.27	1.20	0.53
10-Nov-05	314	26.69	5.76	1914.68	2.19	1.11	0.50
11-Nov-05	315	25.85	8.39	1919.85	4.73	2.28	0.48
12-Nov-05	316	22.34	6.81	1923.27	3.18	1.48	0.47
13-Nov-05	317	21.63	2.37	1926.34	2.19	0.99	0.45
14-Nov-05	318	24.77	3.61	1930.97	3.17	1.37	0.43

**APPENDIX M: SUMMARY OF SALINITY MEASUREMENTS AT BOTH NON-TREATED AND HERBICIDE-TREATED SITE**

Dates	pH of s. sat.paste	Electr.cond. (mmhos/cm)	Mg (meq/L)	Ca (meq/L)	Na (meq/L)	Na ad. Ratio
<b>Non- treated site</b>						
9-Oct-04	7.32	5.70	7.85	23.30	12.70	3.22
23-Oct-04	7.29	5.37	12.70	35.80	20.70	4.20
6-Nov-04	7.16	5.19	12.00	36.40	17.00	3.46
16-Dec-04	7.25	4.64	10.70	35.20	14.40	3.01
30-Jan-05	7.31	4.69	9.01	29.30	11.70	2.67
26-Feb-05	7.46	4.26	10.80	32.60	14.90	3.20
11-Mar-05	7.29	4.49	8.06	23.60	10.40	2.61
2-Apr-05	7.09	3.80	10.70	33.20	13.00	2.77
24-Apr-05	7.24	4.58	9.76	33.20	13.30	2.87
12-May-05	<b>No data due to flooding</b>					
3-Jun-05						
12-Jul-05						
21-Jul-05						
<b>Herbicide-Treated site</b>						
9-Oct-04	7.40	4.10	7.30	34.00	9.00	2.00
23-Oct-04	7.25	4.56	8.47	36.40	8.00	1.69
6-Nov-04	7.33	3.05	5.68	23.90	6.55	1.70
16-Dec-04	7.36	2.99	4.84	22.10	5.32	1.45
30-Jan-05	7.52	3.47	5.98	27.50	7.13	1.74
26-Feb-05	7.39	2.60	4.99	20.70	6.84	1.91
11-Mar-05	7.34	2.45	4.15	17.40	5.39	1.64
2-Apr-05	7.52	1.47	2.69	11.60	3.84	1.44
24-Apr-05	7.32	2.75	5.18	22.10	6.50	1.76
12-May-05	7.35	2.45	4.32	19.10	6.15	1.80
3-Jun-05	7.39	3.21	6.95	30.20	7.53	1.75
12-Jul-05	7.50	2.48	4.34	19.30	6.91	2.01
21-Jul-05	7.44	2.32	3.82	17.20	5.97	1.84

pH of s. sat.paste = pH of soil saturation paste

Electr.cond. = Electrical conductivity of soil paste extraction

Mg = Magnesium for SAR, Ca = Calcium for SAR, Na = Sodium for SAR

Na ad. Ratio = Sodium adsorption ratio (SAR)



**APPENDIX N: Photographs of Saltcedar Sites (2002-2005)**

The vegetation occupying the study site emerged during late 2001 and early 2002 with declining storage levels and experienced significant growth during 2002.



**Figure 29.** Saltcedar site - vegetation on September 13, 2002



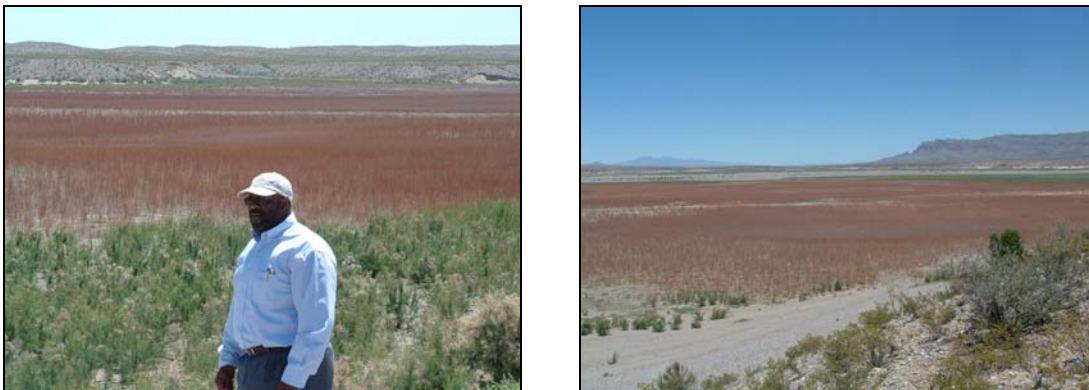
**Figure 30.** Relative height of saltcedar plants before spraying in September 2002

On September 20-21, 2003, a 640 acre portion of the site was treated with the herbicide Arsenal (Imazapyr) at an applied rate of 2 qts/acre (3/4 # a.e/acre) by helicopter calibrated to deliver 15 gallons per acre total solution using water as a carrier along with 1 qt/acre of non-ionic surfactant. See Figure 31.



**Figure 31.** Helicopter spraying saltcedar

The picture (Figure 32) on the left was taken on the north side of the treated site (facing south) with the primary investigator Dr. Salim Bawazir, 9 months post treatment (May 2004). The picture on the right is from the south side facing north.



**Figure 32.** Saltcedar at treated site, May 2004



**Figure 33.** Saltcedar at non-treated site, May 2004



**Figure 34.** Saltcedar at the untreated area on March 7, 2005 (saltcedar is dormant)



**Figure 35.** Flux tower on the treated site