

Nickels Soils Lab  
Colusa, California  
Daily Meteorological Summary  
Station: Nickels

Date	----- Temperatures -----					-- Canopy Temps --			Relative Humidity		----- Wind -----					Avg	Total	Total	Yearly
	Max °F	Time LST	Min °F	Time LST	Avg °F	Max °F	Min °F	Avg °F	Max %	Min %	Avg Dir	Avg MPH	Max Dir	Max MPH	Time LST	Solar Cal/cm <sup>2</sup>	Precip in	ETo in	Precip in
12/ 1/02	61.85	15:45	40.91	07:10	49.25				92.70	47.37	WNW	1.29	ENE	7.11	12:39	215.50	0.00	0.04	1.73
12/ 2/02	63.55	14:15	37.38	07:24	48.50				95.30	41.74	WNW	0.57	E	5.43	14:49	226.60	0.00	0.04	1.73
12/ 3/02	59.81	13:47	37.99	05:01	47.08				96.40	52.94	W	1.02	E	6.44	13:24	201.90	0.00	0.04	1.73
12/ 4/02	64.27	15:01	41.03	04:53	51.34				94.90	48.78	WNW	1.64	W	7.44	10:50	221.60	0.00	0.05	1.73
12/ 5/02	60.44	14:40	39.69	06:42	48.60				95.00	57.90	WNW	0.73	N	4.76	14:20	154.00	0.00	0.03	1.73
12/ 6/02	60.69	13:26	40.54	04:47	48.92				96.80	54.16	WNW	0.64	W	6.10	11:36	152.30	0.00	0.03	1.73
12/ 7/02	67.06	15:19	39.08	23:16	49.33				96.50	35.36	WNW	0.82	WNW	6.77	12:00	122.00	0.00	0.03	1.73
12/ 8/02	57.17	14:41	36.54	04:48	44.93				97.50	60.42	WNW	0.70	WNW	5.10	13:51	122.40	0.00	0.02	1.73
12/ 9/02	55.15	13:17	41.40	04:46	47.24				100.00	79.40	SSE	1.15	SE	8.62	14:46	69.20	0.12	0.01	1.85
12/10/02	54.99	15:41	43.20	23:08	50.33				100.00	90.60	SSE	1.79	S	10.63	10:16	68.68	0.01	0.01	1.86
12/11/02	53.53	16:01	40.90	23:36	47.49				100.00	80.10	WNW	0.61	NNE	5.26	11:44	95.30	0.00	0.02	1.86
12/12/02	50.63	14:38	40.18	02:28	46.16				100.00	84.50	SE	2.35	SE	13.31	23:51	62.94	0.02	0.01	1.88
12/13/02	54.03	22:10	46.24	01:23	49.92				100.00	97.40	SSE	7.57	SE	23.88	18:32	27.55	1.62	0.00	3.50
12/14/02	55.76	20:05	48.55	23:42	53.05				100.00	59.37	SSE	8.39	SSE	26.23	14:16	19.92	1.20	0.01	4.70
12/15/02	52.46	12:14	46.12	01:13	50.80				97.60	74.50	SSE	6.74	SSE	22.70	23:51	43.75	1.26	0.01	5.96
12/16/02	57.19	13:26	49.28	20:31	52.23				98.00	61.69	S	5.71	SSE	27.90	01:25	146.50	1.62	0.03	7.58
12/17/02	56.92	15:16	44.55	07:43	49.67				81.70	40.82	WSW	4.93	W	15.16	10:09	222.60	0.00	0.05	7.58
12/18/02	52.32	14:09	31.91	07:34	42.51				95.90	58.57	SE	1.71	ESE	10.97	14:31	228.60	0.00	0.04	7.58
12/19/02	44.33	13:31	37.51	21:12	40.42				97.70	79.20	SSE	3.80	SSE	16.50	11:02	20.16	0.65	0.00	8.23
12/20/02	48.95	16:53	40.30	06:45	44.54				98.20	79.30	SSE	6.26	SSE	16.00	01:06	42.03	0.46	0.01	8.69
12/21/02	54.26	14:50	41.28	23:10	46.76				100.00	70.20	SSW	3.34	SSW	13.65	01:38	126.10	0.03	0.02	8.72
12/22/02	54.87	14:58	37.15	07:14	45.54				93.00	43.48	NW	4.32	NNE	16.33	14:37	228.00	0.00	0.05	8.72
12/23/02	54.13	14:52	36.05	23:13	44.27				79.10	37.92	NW	3.30	NW	13.31	11:09	230.90	0.00	0.05	8.72
12/24/02	46.85	14:56	36.41	04:48	41.30				94.10	69.43	NW	0.72	E	6.77	13:57	115.20	0.00	0.02	8.72
12/25/02	45.90	11:25	36.54	07:20	42.33				95.70	69.03	NW	0.80	WNW	5.77	00:13	97.90	0.00	0.02	8.72
12/26/02	50.52	23:52	41.28	01:14	44.75				100.00	95.70	SE	2.32	S	11.13	23:46	28.53	0.48	0.00	9.20
12/27/02	58.29	23:45	48.81	07:30	52.49				100.00	80.90	SSE	6.10	S	15.49	05:11	41.65	0.01	0.01	9.21
12/28/02	57.92	00:00	45.04	16:18	50.13				100.00	70.20	SSE	5.96	S	18.18	11:26	37.41	0.34	0.01	9.55
12/29/02	54.26	11:50	39.08	08:01	46.74				97.60	59.22	SE	1.86	S	14.99	01:15	169.70	0.10	0.03	9.65
12/30/02	47.97	13:35	44.43	08:41	46.31				97.70	76.30	SSE	5.07	SE	19.69	21:06	32.47	0.24	0.01	9.89
12/31/02	58.74	14:26	37.38	23:12	49.36				97.80	43.53	SW	4.01	W	26.23	04:18	211.30	0.55	0.05	10.44
Average/Totals	55.32		40.86		47.49				96.43	64.52		3.10		13.16		122.02	8.71	0.76	
Maximum	67.06	12/ 7	49.28	12/16	53.05				100.00	97.40		8.39		27.90	12/16	230.90	1.62	0.05	
Minimum	44.33	12/19	31.91	12/18	40.42				79.10	35.36		0.57		4.76	12/ 5	19.92	0.00	0.00	