

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

Date	----- Temperatures -----					-- Canopy Temps --			Relative Humidity		----- Wind -----					Avg	Total	Total	Yearly
	Max	Time	Min	Time	Avg	Max	Min	Avg	Max	Min	Avg	Avg	Max	Max	Time	Solar	Precip	ETo	Precip
	°F	LST	°F	LST	°F	°F	°F	°F	%	%	Dir	MPH	Dir	MPH	LST	Cal/cm <sup>2</sup>	in	in	in
10/ 1/02	74.70	14:40	56.54	23:56	64.52				38.31	15.50	NW	5.46	N	17.67	07:43	431.90	0.00	0.16	0.00
10/ 2/02	77.40	14:54	57.00	21:59	64.83				35.11	11.10	NW	4.26	N	17.00	08:55	443.60	0.00	0.15	0.00
10/ 3/02	82.50	14:17	46.35	06:29	64.74				61.65	14.47	NW	1.04	NW	7.11	11:14	395.60	0.00	0.12	0.00
10/ 4/02	86.80	15:31	52.90	04:15	69.28				60.63	20.48	WNW	1.91	N	10.13	11:56	415.70	0.00	0.14	0.00
10/ 5/02	89.90	15:05	53.98	06:28	71.50				71.70	19.88	NW	1.42	NNW	11.13	10:58	405.20	0.00	0.13	0.00
10/ 6/02	95.90	15:34	60.02	03:57	76.50				68.51	16.75	NW	1.26	NNE	8.78	10:13	406.80	0.00	0.14	0.00
10/ 7/02	97.90	17:04	54.84	06:14	74.00				73.50	12.29	NW	0.95	NNW	8.95	14:20	415.80	0.00	0.14	0.00
10/ 8/02	95.10	15:11	54.35	06:36	72.00				67.15	12.84	NW	0.66	NNE	6.77	13:00	406.90	0.00	0.13	0.00
10/ 9/02	89.40	15:51	53.49	02:58	69.25				69.16	22.38	ESE	1.03	ESE	10.46	15:28	379.90	0.00	0.12	0.00
10/10/02	81.80	14:57	51.19	23:18	63.83				87.80	26.86	ESE	1.76	E	11.97	14:31	339.10	0.00	0.10	0.00
10/11/02	82.80	15:24	49.02	05:24	63.18				93.80	13.70	NW	1.91	NNW	12.31	10:36	396.50	0.00	0.12	0.00
10/12/02	87.30	16:06	45.37	06:42	65.24				58.49	8.04	NW	1.06	NW	8.62	11:55	392.90	0.00	0.12	0.00
10/13/02	88.00	15:02	47.69	03:36	64.97				66.41	10.68	WNW	0.89	E	7.11	14:38	387.80	0.00	0.12	0.00
10/14/02	88.60	14:42	49.25	07:05	67.33				66.70	11.22	WNW	0.99	E	6.61	15:11	377.00	0.00	0.11	0.00
10/15/02	84.30	14:31	48.77	05:54	64.91				77.50	18.20	ESE	1.38	ESE	8.95	21:21	360.60	0.00	0.11	0.00
10/16/02	77.20	15:43	44.90	06:35	57.23				91.70	28.08	NE	0.58	ENE	6.44	11:56	344.80	0.00	0.09	0.00
10/17/02	72.70	15:38	41.99	06:31	55.39				93.30	42.11	E	1.06	E	7.95	15:34	347.50	0.00	0.09	0.00
10/18/02	72.10	13:49	44.54	06:33	56.70				93.80	44.49	E	0.90	ESE	8.95	15:04	305.50	0.00	0.08	0.00
10/19/02	77.60	15:18	45.75	06:48	58.97				92.20	35.32	N	0.41	WNW	6.61	11:44	322.60	0.00	0.08	0.00
10/20/02	80.80	14:21	47.57	03:47	61.89				91.50	28.28	NNW	0.52	NE	6.27	12:32	328.10	0.00	0.09	0.00
10/21/02	80.20	15:50	49.27	06:37	62.95				82.10	24.96	WNW	1.43	NW	12.31	09:45	335.90	0.00	0.10	0.00
10/22/02	78.70	14:47	46.94	23:57	59.96				88.30	29.77	E	0.81	ESE	6.27	11:27	328.50	0.00	0.08	0.00
10/23/02	64.01	14:49	41.86	23:58	52.43				93.10	55.00	NE	0.94	E	8.11	15:53	210.20	0.00	0.05	0.00
10/24/02	58.25	14:17	40.05	03:41	49.45				97.10	59.60	NW	0.44	ENE	6.77	14:25	113.40	0.00	0.03	0.00
10/25/02	70.60	14:09	49.27	23:41	56.88				83.80	34.33	NW	0.85	NNE	8.62	12:33	241.70	0.00	0.06	0.00
10/26/02	73.50	15:01	40.30	06:41	54.85				91.50	26.06	NNE	0.58	E	6.77	15:39	310.00	0.00	0.08	0.00
10/27/02	78.00	16:04	46.35	04:14	59.78				91.50	23.08	WNW	1.11	N	9.62	09:32	301.20	0.00	0.08	0.00
10/28/02	76.90	15:48	40.90	06:38	56.80				83.10	25.30	NW	0.53	NE	5.77	15:16	316.70	0.00	0.08	0.00
10/29/02	73.00	14:48	41.13	06:09	56.69				87.80	18.41	W	1.20	E	9.46	13:59	306.10	0.00	0.08	0.00
10/30/02	68.36	15:09	42.72	23:19	54.04				71.90	17.88	WNW	1.90	NNW	11.30	08:47	309.20	0.00	0.08	0.00
10/31/02	69.34	15:09	41.51	01:22	55.62				64.22	10.65	WNW	2.77	N	10.97	11:29	309.5	0	0.09	0
Average/Totals	79.80		47.93		62.12				77.20	23.80		1.35		9.22		344.72	0.00	3.11	
Maximum	97.90	10/ 7	60.02	10/ 6	76.50				97.10	59.60		5.46		17.67	10/ 1	443.60	0.00	0.16	
Minimum	58.25	10/24	40.05	10/24	49.45				35.11	8.04		0.41		5.77	10/28	113.40	0.00	0.03	