SITE 6. SAN JOSE UTMX= 599.
18 OCT 1976 UTMY=4132.
1840-1852 PDT SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
38	18:46:20	37.	19.4	1009.	18.7	79.	11.2
37	18:46:10	70.	19.1	1005.	18.7	79.	11.0
36	18:46: 0	104.	18.7	1001.	18.6	80.	10.9
35	18:45:50	132.	18.5	997.	18.7	81.	10.9
34	18:45:40	151.	18.3	995.	18.7	81.	10.8
33	18:45:30	185.	18.0	991.	18.7	80.	10.5
32	18:45:20	220.	17.7	987.	18.8	79.	10.2
31	18:45:10	260.	17.3	983.	18.8	79.	10.0
30	18:45: 0	289.	17.1	979.	18.8	78.	9.8
29	18:44:50	310.	17.2	977.	19.2	77.	9.8
28	18:44:40	330.	17.6	974.	19.8	77.	10.1
27	18:44:30	345.	17.6	973.	19.9	77.	10.1
26	18:44:20	356.	17.6	972.	20.0	78.	10.2
25	18:44:10	372.	17.6	970.	20.2	79.	10.4
24	18:44: 0	394.	17.5	967.	20.3	80.	10.5
23	18:43:50	411.	17.4	965.	20.4	80.	10.4
22	18:43:40	430.	17.0	963.	20.1	81.	10.3
21	18:43:30	458.	16.8	960.	20.2	81.	10.2
20	18:43:20	468.	16.7	959.	20.2	81.	10.2
19	18:43:10	477.	16.7	958.	20.3	80.	10.0
18	18:43: 0	485.	16.8	957.	20.5	79.	10.0
17	18:42:50	502.	17.1	955.	20.9	77.	9.9
16	18:42:40	524.	17.2	952.	21.3	76.	9.9
15	18:42:30	552.	17.2	949.	21.5	73.	9.5
14	18:42:20	571.	17.4	947.	21.9	70.	9.3
13	18:42:10	592.	17.6	945.	22.3	68.	9.1
12	18:42: 0	621.	17.7	942.	22.7	63.	8.5
11	18:41:50	643.	17.9	939.	23.2	56.	7.7
10	18:41:40	658.	18.5	938.	23.9	49.	7.0
9	18:41:30	693.	19.1	934.	24.9	35.	5.2
8	18:41:20	715.	19.5	931.	25.5	30.	4.6
7	18:41:10	753.	19.3	927.	25.7	28.	4.2
6	18:41: 0	770.	19.2	925.	25.8	28.	4.2
5	18:40:50	796.	19.1	923.	25.9	28.	4.2
1	18:40: 0	827.	18.5	919.	25.6	37.	5.4

SITE 6. SAN JOSE UTMX= 599.
18 OCT 1976 UTMY=4132.
1840-1852 PDT SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
39	18:46:30	21.	19.6	1011.	18.7	77.	11.0
40	18:46:40	40.	19.4	1008.	18.7	76.	10.7
41	18:46:50	83.	19.0	1003.	18.7	75.	10.4
42	18:47: 0	115.	18.6	999.	18.6	75.	10.2
43	18:47:10	138.	18.4	997.	18.7	75.	10.1
44	18:47:20	166.	18.0	993.	18.5	75.	9.8
45	18:47:30	197.	17.7	990.	18.5	75.	9.7
46	18:47:40	225.	17.4	987.	18.5	75.	9.5
47	18:47:50	253.	17.2	983.	18.6	73.	9.2
48	18:48: 0	279.	17.0	980.	18.6	76.	9.5
49	18:48:10	302.	16.9	978.	18.8	76.	9.5
50	18:48:20	327.	16.9	975.	19.0	75.	9.4
51	18:48:30	357.	17.2	971.	19.6	76.	9.7
52	18:48:40	393.	17.3	967.	20.1	78.	10.1
53	18:48:50	416.	17.2	965.	20.2	78.	10.0
54	18:49: 0	446.	17.0	961.	20.3	77.	9.8
55	18:49:10	477.	16.7	958.	20.3	79.	9.9
56	18:49:20	497.	16.6	955.	20.4	82.	10.2
57	18:49:30	529.	16.8	952.	20.9	82.	10.4
58	18:49:40	555.	16.6	949.	21.0	82.	10.3
59	18:49:50	570.	16.7	947.	21.2	81.	10.3
60	18:50: 0	595.	16.8	944.	21.6	80.	10.2
61	18:50:10	624.	16.8	941.	21.9	79.	10.2
62	18:50:20	641.	17.2	939.	22.4	72.	9.5
63	18:50:30	658.	18.1	937.	23.5	53.	7.4
64	18:50:40	692.	18.3	934.	24.1	46.	6.5
65	18:50:50	703.	18.5	933.	24.4	44.	6.3
66	18:51: 0	720.	18.6	931.	24.6	39.	5.6
67	18:51:10	744.	18.9	928.	25.2	33.	4.9
68	18:51:20	763.	19.1	926.	25.6	32.	4.8
69	18:51:30	780.	19.3	924.	26.0	31.	4.7
70	18:51:40	805.	19.1	921.	26.0	31.	4.7
71	18:51:50	824.	18.9	919.	26.0	32.	4.8
72	18:52: 0	838.	18.9	918.	26.1	31.	4.6

SITE 6. SAN JOSE UTMX= 599.
18 OCT 1976 UTMY=4132.
2022-2035 PDT SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
45	20:29:40	21.	18.0	1011.	17.1	86.	11.1
42	20:29:10	103.	17.1	1001.	17.0	89.	11.0
41	20:29: 0	125.	16.8	998.	17.0	89.	10.8
40	20:28:50	143.	16.4	996.	16.7	89.	10.5
39	20:28:40	155.	16.1	995.	16.5	89.	10.4
38	20:28:30	158.	16.2	994.	16.7	89.	10.4
37	20:28:20	163.	16.3	994.	16.8	89.	10.5
36	20:28:10	180.	16.3	992.	17.0	89.	10.5
35	20:28: 0	167.	16.7	993.	17.3	90.	10.9
34	20:27:50	189.	16.3	991.	17.1	90.	10.7
33	20:27:40	212.	16.0	988.	17.0	90.	10.5
32	20:27:30	226.	16.0	986.	17.1	89.	10.4
31	20:27:20	246.	15.9	984.	17.2	88.	10.2
30	20:27:10	262.	15.8	982.	17.3	87.	10.1
29	20:27: 0	281.	15.9	980.	17.6	83.	9.7
28	20:26:50	293.	16.1	979.	17.9	80.	9.4
27	20:26:40	297.	16.2	978.	18.0	78.	9.3
26	20:26:30	308.	16.3	977.	18.2	77.	9.2
25	20:26:20	309.	16.2	977.	18.2	78.	9.3
24	20:26:10	319.	16.5	976.	18.6	77.	9.4
23	20:26: 0	338.	16.6	973.	18.8	77.	9.4
22	20:25:50	354.	16.5	972.	18.9	78.	9.5
21	20:25:40	378.	16.5	969.	19.1	80.	9.8
20	20:25:30	397.	16.5	967.	19.3	82.	10.1
19	20:25:20	416.	16.4	964.	19.4	84.	10.3
18	20:25:10	446.	16.1	961.	19.4	87.	10.5
17	20:25: 0	470.	15.9	958.	19.4	87.	10.4
16	20:24:50	495.	15.7	955.	19.5	88.	10.4
15	20:24:40	522.	15.7	952.	19.8	87.	10.3
14	20:24:30	551.	15.6	949.	19.9	85.	10.0
13	20:24:20	579.	15.7	946.	20.3	82.	9.8
12	20:24:10	603.	15.9	943.	20.8	77.	9.3
11	20:24: 0	623.	16.0	941.	21.1	73.	8.9
10	20:23:50	640.	16.2	939.	21.4	69.	8.5
9	20:23:40	675.	17.3	935.	22.9	61.	8.1
8	20:23:30	713.	18.4	931.	24.4	41.	5.9
7	20:23:20	742.	18.6	928.	24.9	37.	5.4
6	20:23:10	759.	18.7	926.	25.2	36.	5.3
5	20:23: 0	791.	19.0	923.	25.8	30.	4.5
4	20:22:50	816.	19.0	920.	26.0	31.	4.6
3	20:22:40	842.	18.7	917.	26.0	31.	4.6
2	20:22:30	857.	18.4	916.	25.8	38.	5.5
1	20:22:20	853.	18.8	916.	26.2	34.	5.1

SITE 6. SAN JOSE UTMX= 599.
18 OCT 1976 UTMY=4132.
2022-2035 PDT SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
46	20:29:50	18.	17.9	1011.	17.0	85.	10.9
47	20:30: 0	21.	18.0	1011.	17.1	84.	10.9
48	20:30:10	46.	17.8	1008.	17.2	83.	10.6
49	20:30:20	85.	17.5	1003.	17.3	82.	10.3
50	20:30:30	117.	17.2	999.	17.3	82.	10.2
51	20:30:40	145.	16.9	996.	17.2	82.	10.0
52	20:30:50	184.	16.5	991.	17.2	82.	9.8
53	20:31: 0	217.	16.3	987.	17.3	82.	9.7
54	20:31:10	252.	16.2	983.	17.6	82.	9.7
55	20:31:20	285.	16.0	979.	17.7	81.	9.5
56	20:31:30	309.	15.9	977.	17.9	82.	9.6
57	20:31:40	333.	16.0	974.	18.2	81.	9.5
58	20:31:50	364.	16.0	970.	18.5	81.	9.6
59	20:32: 0	393.	16.0	967.	18.8	81.	9.6
60	20:32:10	424.	16.1	964.	19.2	83.	10.0
61	20:32:20	455.	15.9	960.	19.3	84.	10.0
62	20:32:30	480.	15.6	957.	19.2	87.	10.2
63	20:32:40	510.	15.3	954.	19.2	89.	10.3
64	20:32:50	535.	15.1	951.	19.3	88.	10.0
65	20:33: 0	560.	14.9	948.	19.3	90.	10.2
66	20:33:10	584.	15.2	945.	19.9	91.	10.5
67	20:33:20	606.	15.5	943.	20.4	92.	10.9
68	20:33:30	626.	15.9	941.	21.0	91.	11.1
69	20:33:40	639.	16.1	939.	21.3	90.	11.1
70	20:33:50	663.	16.5	937.	22.0	83.	10.5
71	20:34: 0	689.	17.0	934.	22.7	74.	9.7
72	20:34:10	723.	17.9	930.	24.0	49.	6.8
73	20:34:20	761.	18.2	926.	24.7	43.	6.1
74	20:34:30	788.	18.6	923.	25.4	34.	4.9
75	20:34:40	812.	18.9	920.	25.9	34.	5.1
76	20:34:50	833.	18.7	918.	25.9	36.	5.3
77	20:35: 0	837.	18.9	918.	26.2	35.	5.2
78	20:35:10	843.	18.9	917.	26.2	36.	5.4
79	20:35:20	845.	18.9	917.	26.2	35.	5.2
80	20:35:30	840.	19.1	917.	26.4	35.	5.3

SITE 6. SAN JOSE
18 OCT 1976
2135-2139 PDT

UTMX= 599.
UTMY=4132.
SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
24	21:39:10	8.	16.9	1012.	15.9	92.	11.1
25	21:39:20	11.	16.8	1012.	15.8	92.	11.0
26	21:39:30	12.	16.7	1012.	15.7	91.	10.8
27	21:39:40	12.	16.7	1012.	15.7	91.	10.8
28	21:39:50	12.	16.8	1012.	15.8	91.	10.9
23	21:39: 0	20.	16.9	1011.	16.0	92.	11.1
22	21:38:50	55.	16.5	1006.	16.0	93.	11.0
21	21:38:40	98.	16.2	1001.	16.1	92.	10.7
20	21:38:30	131.	16.0	997.	16.2	92.	10.6
19	21:38:20	154.	15.7	995.	16.1	92.	10.4
18	21:38:10	178.	15.6	992.	16.3	91.	10.3
17	21:38: 0	201.	15.7	989.	16.6	90.	10.3
16	21:37:50	214.	15.8	988.	16.8	89.	10.2
15	21:37:40	221.	15.8	987.	16.9	89.	10.2
14	21:37:30	226.	15.9	986.	17.0	88.	10.2
13	21:37:20	241.	16.0	985.	17.3	87.	10.2
12	21:37:10	254.	16.0	983.	17.4	86.	10.1
11	21:37: 0	268.	15.9	981.	17.5	85.	9.9
10	21:36:50	285.	15.9	979.	17.6	84.	9.8
9	21:36:40	295.	15.9	978.	17.7	83.	9.7
8	21:36:30	298.	16.0	978.	17.9	83.	9.7
7	21:36:20	303.	16.0	977.	17.9	82.	9.6
6	21:36:10	317.	16.1	976.	18.1	80.	9.5
5	21:36: 0	345.	16.0	972.	18.3	80.	9.4
4	21:35:50	376.	16.0	969.	18.6	80.	9.5
3	21:35:40	404.	15.9	966.	18.8	80.	9.5
2	21:35:30	429.	15.7	963.	18.8	81.	9.5
1	21:35:20	448.	15.7	961.	19.0	84.	9.9

SITE 6. SAN JOSE UTMX= 599.
18 OCT 1976 UTMY=4132.
2239-2252 PDT SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
1	22:39:30	9.	16.7	1012.	15.7	88.	10.5
2	22:39:40	14.	17.1	1011.	16.2	88.	10.7
3	22:39:50	33.	17.1	1009.	16.4	88.	10.8
4	22:40: 0	70.	16.9	1005.	16.5	87.	10.5
5	22:40:10	110.	16.9	1000.	16.9	87.	10.6
6	22:40:20	143.	16.9	996.	17.2	87.	10.6
7	22:40:30	186.	16.5	991.	17.2	87.	10.4
8	22:40:40	222.	16.2	987.	17.3	87.	10.3
9	22:40:50	258.	15.9	983.	17.4	88.	10.2
10	22:41: 0	276.	15.8	981.	17.4	88.	10.2
11	22:41:10	308.	15.4	977.	17.3	89.	10.1
12	22:41:20	336.	15.0	974.	17.2	90.	10.0
13	22:41:30	365.	14.7	970.	17.2	92.	10.0
14	22:41:40	380.	14.5	968.	17.1	93.	10.0
15	22:41:50	423.	14.4	964.	17.5	94.	10.1
16	22:42: 0	474.	14.6	958.	18.2	94.	10.3
17	22:42:10	493.	15.6	956.	19.4	94.	11.0
18	22:42:20	511.	15.9	953.	19.9	91.	10.9
19	22:42:30	531.	16.6	951.	20.8	87.	10.9
20	22:42:40	538.	16.9	950.	21.1	86.	11.0
21	22:42:50	540.	17.4	950.	21.7	84.	11.1
22	22:43: 0	539.	17.2	950.	21.5	83.	10.8
23	22:43:10	537.	17.1	951.	21.3	81.	10.5
24	22:43:20	543.	17.3	950.	21.6	80.	10.5
25	22:43:30	550.	17.5	949.	21.9	79.	10.5
26	22:43:40	557.	18.0	948.	22.4	68.	9.3
27	22:43:50	567.	18.9	947.	23.5	48.	7.0
28	22:44: 0	581.	19.9	946.	24.6	35.	5.4
29	22:44:10	590.	20.2	945.	25.0	35.	5.5
30	22:44:20	596.	20.3	944.	25.2	34.	5.4
31	22:44:30	601.	20.4	943.	25.3	34.	5.4
32	22:44:40	607.	20.4	943.	25.4	33.	5.3
33	22:44:50	615.	20.5	942.	25.6	33.	5.3
34	22:45: 0	624.	20.3	941.	25.4	38.	6.0
35	22:45:10	648.	19.7	938.	25.1	47.	7.2
36	22:45:20	681.	19.6	935.	25.3	43.	6.6
37	22:45:30	703.	19.7	932.	25.6	43.	6.7
38	22:45:40	730.	19.7	929.	25.9	46.	7.1
39	22:45:50	758.	19.7	926.	26.2	44.	6.9
40	22:46: 0	779.	19.7	924.	26.4	43.	6.7
41	22:46:10	805.	19.5	921.	26.4	42.	6.5
42	22:46:20	827.	19.6	919.	26.8	39.	6.1
43	22:46:30	851.	19.6	916.	27.0	40.	6.3
44	22:46:40	860.	19.6	915.	27.1	41.	6.4
45	22:46:50	874.	19.5	914.	27.1	42.	6.5

SITE 7. MENLO PARK UTMX= 573.
18 OCT 1976 UTMY=4145.
1727-1734 PDT SODAR HT.= 18. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
1	17:27:30	11.	20.0	1012.	19.0	61.	8.9
2	17:27:40	35.	19.5	1009.	18.8	59.	8.4
3	17:27:50	62.	19.3	1006.	18.8	59.	8.3
4	17:28: 0	95.	19.1	1002.	18.9	57.	7.9
5	17:28:10	118.	18.8	999.	18.9	59.	8.1
6	17:28:20	135.	18.5	997.	18.7	60.	8.1
7	17:28:30	153.	18.4	995.	18.8	59.	7.9
8	17:28:40	176.	18.2	992.	18.8	59.	7.8
9	17:28:50	193.	18.0	990.	18.8	59.	7.7
10	17:29: 0	211.	18.1	988.	19.1	58.	7.7
11	17:29:10	231.	18.0	986.	19.2	58.	7.6
12	17:29:20	258.	18.2	983.	19.6	58.	7.8
13	17:29:30	287.	17.8	979.	19.5	59.	7.7
14	17:29:40	305.	17.8	977.	19.7	61.	8.0
15	17:29:50	327.	17.9	975.	20.0	60.	8.0
16	17:30: 0	349.	18.2	972.	20.5	61.	8.3
17	17:30:10	373.	18.1	970.	20.7	61.	8.2
18	17:30:20	401.	17.9	966.	20.8	62.	8.3
19	17:30:30	428.	17.9	963.	21.0	63.	8.5
20	17:30:40	451.	18.2	961.	21.5	63.	8.6
21	17:30:50	474.	19.1	958.	22.7	60.	8.7
22	17:31: 0	493.	19.0	956.	22.8	59.	8.5
23	17:31:10	522.	19.2	953.	23.3	56.	8.2
24	17:31:20	549.	19.1	950.	23.4	53.	7.8
25	17:31:30	573.	19.5	947.	24.1	45.	6.8
26	17:31:40	593.	19.3	945.	24.1	44.	6.6
27	17:31:50	613.	19.1	943.	24.1	43.	6.3
28	17:32: 0	627.	19.2	941.	24.3	35.	5.2
29	17:32:10	645.	19.2	939.	24.5	34.	5.1
30	17:32:20	663.	19.1	937.	24.6	35.	5.2
31	17:32:30	686.	19.0	935.	24.7	34.	5.0
32	17:32:40	710.	19.2	932.	25.1	36.	5.4
33	17:32:50	734.	18.9	929.	25.1	37.	5.5
34	17:33: 0	760.	18.8	927.	25.2	36.	5.3
35	17:33:10	779.	18.9	925.	25.5	30.	4.4
36	17:33:20	803.	18.5	922.	25.3	32.	4.6
37	17:33:30	813.	18.5	921.	25.4	36.	5.2

SITE 7. MENLO PARK UTMX= 573.
18 OCT 1976 UTMY=4145.
19 2-1914 PDT SODAR HT.= 18. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
42	19: 9:10	26.	18.9	1010.	18.1	81.	11.1
41	19: 9: 0	52.	18.6	1007.	18.0	80.	10.8
40	19: 8:50	84.	18.6	1003.	18.3	75.	10.1
39	19: 8:40	111.	18.4	1000.	18.4	71.	9.5
38	19: 8:30	139.	18.0	997.	18.3	70.	9.1
37	19: 8:20	157.	17.7	995.	18.2	71.	9.1
36	19: 8:10	177.	17.5	992.	18.2	68.	8.6
35	19: 8: 0	191.	17.5	991.	18.3	68.	8.7
34	19: 7:50	197.	17.5	990.	18.3	67.	8.5
33	19: 7:40	205.	17.6	989.	18.5	67.	8.6
32	19: 7:30	208.	17.9	989.	18.9	66.	8.6
31	19: 7:20	217.	17.9	988.	18.9	66.	8.6
30	19: 7:10	228.	18.0	986.	19.2	66.	8.7
29	19: 7: 0	241.	18.2	985.	19.5	66.	8.8
28	19: 6:50	260.	18.2	983.	19.7	68.	9.1
27	19: 6:40	278.	18.1	980.	19.7	69.	9.2
26	19: 6:30	290.	18.1	979.	19.9	70.	9.4
25	19: 6:20	298.	17.9	978.	19.7	70.	9.3
24	19: 6:10	307.	17.7	977.	19.6	72.	9.4
23	19: 6: 0	310.	17.7	977.	19.7	73.	9.6
22	19: 5:50	310.	17.9	977.	19.9	74.	9.8
21	19: 5:40	318.	17.6	976.	19.6	75.	9.8
20	19: 5:30	340.	17.5	973.	19.8	76.	9.9
19	19: 5:20	369.	17.3	970.	19.8	75.	9.6
18	19: 5:10	392.	17.1	967.	19.9	73.	9.3
17	19: 5: 0	406.	17.1	966.	20.0	73.	9.3
16	19: 4:50	421.	16.9	964.	19.9	73.	9.2
15	19: 4:40	444.	16.6	961.	19.9	71.	8.8
14	19: 4:30	475.	16.6	958.	20.2	69.	8.6
13	19: 4:20	487.	16.9	957.	20.6	65.	8.2
12	19: 4:10	518.	17.7	953.	21.7	64.	8.6
11	19: 4: 0	520.	18.1	953.	22.1	63.	8.7
10	19: 3:50	541.	18.6	951.	22.9	60.	8.5
9	19: 3:40	573.	19.3	947.	23.9	58.	8.6
8	19: 3:30	595.	19.3	945.	24.1	58.	8.7
7	19: 3:20	619.	19.3	942.	24.3	57.	8.5
6	19: 3:10	638.	19.3	940.	24.5	54.	8.1
5	19: 3: 0	660.	19.0	937.	24.4	56.	8.3
4	19: 2:50	693.	18.8	934.	24.6	57.	8.3
3	19: 2:40	712.	18.8	932.	24.8	55.	8.1
2	19: 2:30	726.	19.2	930.	25.3	40.	6.0
1	19: 2:20	736.	18.9	929.	25.1	41.	6.1

SITE 7. MENLO PARK UTMX= 573.
18 OCT 1976 UTMY=4145.
19 2-1914 PDT SODAR HT.= 18. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
43	19: 9:20	15.	19.0	1011.	18.1	81.	11.1
44	19: 9:30	15.	19.0	1011.	18.1	80.	11.0
45	19: 9:40	33.	18.8	1009.	18.0	79.	10.7
46	19: 9:50	57.	18.6	1006.	18.1	76.	10.2
47	19:10: 0	93.	18.5	1002.	18.3	72.	9.7
48	19:10:10	113.	18.4	1000.	18.4	70.	9.4
49	19:10:20	125.	18.1	998.	18.2	71.	9.3
50	19:10:30	140.	18.2	997.	18.5	67.	8.9
51	19:10:40	163.	18.0	994.	18.5	66.	8.6
52	19:10:50	177.	18.0	992.	18.7	66.	8.7
53	19:11: 0	198.	17.8	990.	18.7	66.	8.6
54	19:11:10	215.	17.8	988.	18.8	66.	8.6
55	19:11:20	232.	17.8	986.	19.0	66.	8.6
56	19:11:30	265.	17.7	982.	19.2	66.	8.6
57	19:11:40	295.	18.0	979.	19.8	66.	8.8
58	19:11:50	323.	18.0	975.	20.1	67.	8.9
59	19:12: 0	346.	17.6	973.	19.9	68.	8.9
60	19:12:10	374.	17.6	969.	20.2	70.	9.2
61	19:12:20	403.	17.5	966.	20.4	70.	9.1
62	19:12:30	432.	17.2	963.	20.4	71.	9.1
63	19:12:40	464.	16.9	959.	20.4	71.	9.0
64	19:12:50	489.	16.6	956.	20.3	72.	9.0
65	19:13: 0	520.	16.7	953.	20.7	75.	9.4
66	19:13:10	547.	16.9	950.	21.2	76.	9.7
67	19:13:20	568.	17.0	948.	21.5	75.	9.7
68	19:13:30	586.	17.5	946.	22.2	76.	10.2
69	19:13:40	616.	18.3	942.	23.3	73.	10.3
70	19:13:50	639.	18.9	940.	24.1	62.	9.1
71	19:14: 0	665.	19.0	937.	24.5	54.	8.0
72	19:14:10	695.	18.8	934.	24.6	57.	8.4
73	19:14:20	727.	18.5	930.	24.6	58.	8.4
74	19:14:30	759.	18.4	927.	24.8	56.	8.1
75	19:14:40	791.	18.2	923.	24.9	51.	7.3
76	19:14:50	819.	18.0	920.	25.0	43.	6.1

SITE 7. MENLO PARK UTMX= 573.
18 OCT 1976 UTMY=4145.
2043-2057 PDT SODAR HT.= 18. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
48	20:51:10	18.	17.7	1011.	16.8	88.	11.2
47	20:51: 0	48.	17.3	1007.	16.7	87.	10.8
46	20:50:50	105.	16.9	1001.	16.9	87.	10.6
45	20:50:40	126.	16.6	998.	16.8	87.	10.4
44	20:50:30	135.	16.6	997.	16.8	88.	10.5
43	20:50:20	144.	16.5	996.	16.8	89.	10.6
42	20:50:10	159.	16.6	994.	17.1	86.	10.3
41	20:50: 0	174.	16.6	992.	17.2	85.	10.2
40	20:49:50	193.	16.5	990.	17.3	84.	10.1
39	20:49:40	213.	16.3	988.	17.3	84.	10.0
38	20:49:30	238.	16.6	985.	17.9	85.	10.3
37	20:49:20	258.	16.4	983.	17.9	84.	10.1
36	20:49:10	272.	16.3	981.	17.9	84.	10.0
35	20:49: 0	296.	16.2	978.	18.0	83.	9.9
34	20:48:50	313.	16.2	976.	18.2	83.	9.9
33	20:48:40	329.	16.1	974.	18.2	82.	9.7
32	20:48:30	336.	16.2	974.	18.4	82.	9.8
31	20:48:20	352.	16.0	972.	18.4	81.	9.6
30	20:48:10	371.	16.2	970.	18.8	80.	9.6
29	20:48: 0	376.	16.3	969.	18.9	80.	9.7
28	20:47:50	391.	16.1	967.	18.9	79.	9.4
27	20:47:40	414.	16.2	965.	19.2	78.	9.4
26	20:47:30	423.	16.5	964.	19.6	77.	9.5
25	20:47:20	451.	16.6	960.	20.0	76.	9.4
24	20:47:10	477.	16.4	958.	20.0	74.	9.1
23	20:47: 0	506.	16.2	954.	20.1	72.	8.8
22	20:46:50	540.	16.1	950.	20.3	69.	8.4
21	20:46:40	555.	16.3	949.	20.7	67.	8.2
20	20:46:30	588.	17.6	945.	22.3	69.	9.3
19	20:46:20	603.	18.4	943.	23.3	65.	9.2
18	20:46:10	630.	18.4	940.	23.6	61.	8.7
17	20:46: 0	651.	18.4	938.	23.8	57.	8.1
16	20:45:50	684.	18.4	934.	24.1	56.	8.0
15	20:45:40	710.	18.6	932.	24.6	48.	6.9
14	20:45:30	725.	18.5	930.	24.6	45.	6.5
13	20:45:20	742.	18.5	928.	24.8	44.	6.3
12	20:45:10	753.	18.4	927.	24.8	45.	6.5
11	20:45: 0	778.	18.3	924.	24.9	41.	5.9
10	20:44:50	789.	18.5	923.	25.3	41.	5.9
9	20:44:40	799.	18.8	922.	25.7	33.	4.9
8	20:44:30	804.	18.8	921.	25.7	31.	4.6
7	20:44:20	806.	18.8	921.	25.7	31.	4.6
6	20:44:10	811.	18.8	921.	25.8	31.	4.6
5	20:44: 0	804.	18.9	921.	25.8	31.	4.6
1	20:43: 0	834.	18.5	918.	25.7	50.	7.3

SITE 7. MENLO PARK UTMX= 573.
18 OCT 1976 UTMY=4145.
2043-2057 PDT SODAR HT.= 18. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
49	20:51:20	12.	17.8	1012.	16.8	88.	11.2
50	20:51:30	15.	17.9	1011.	17.0	87.	11.2
51	20:51:40	26.	17.8	1010.	17.0	85.	10.9
52	20:51:50	43.	17.7	1008.	17.0	84.	10.7
53	20:52: 0	77.	17.4	1004.	17.1	84.	10.5
54	20:52:10	106.	17.0	1000.	17.0	83.	10.2
55	20:52:20	127.	16.7	998.	16.9	83.	10.0
56	20:52:30	148.	16.1	995.	16.5	82.	9.5
57	20:52:40	172.	16.1	993.	16.7	82.	9.5
58	20:52:50	192.	15.9	990.	16.7	83.	9.6
59	20:53: 0	216.	16.1	988.	17.1	82.	9.6
60	20:53:10	238.	16.0	985.	17.3	82.	9.6
61	20:53:20	262.	15.9	982.	17.4	82.	9.5
62	20:53:30	281.	15.8	980.	17.5	83.	9.6
63	20:53:40	295.	15.7	978.	17.5	83.	9.6
64	20:53:50	312.	15.4	976.	17.4	83.	9.4
65	20:54: 0	328.	15.6	975.	17.7	84.	9.6
66	20:54:10	345.	15.5	973.	17.8	85.	9.7
67	20:54:20	359.	15.9	971.	18.3	85.	10.0
68	20:54:30	379.	15.7	969.	18.3	85.	9.9
69	20:54:40	396.	15.3	967.	18.1	85.	9.7
70	20:54:50	411.	15.7	965.	18.7	85.	9.9
71	20:55: 0	430.	15.6	963.	18.7	85.	9.9
72	20:55:10	458.	15.9	960.	19.3	84.	10.0
73	20:55:20	482.	15.8	957.	19.5	84.	10.0
74	20:55:30	500.	15.7	955.	19.5	83.	9.8
75	20:55:40	519.	15.4	953.	19.4	83.	9.6
76	20:55:50	533.	15.4	951.	19.6	83.	9.6
77	20:56: 0	553.	16.3	949.	20.7	86.	10.6
78	20:56:10	570.	17.0	947.	21.6	87.	11.3
79	20:56:20	587.	17.2	945.	21.9	86.	11.3
80	20:56:30	606.	17.5	943.	22.4	84.	11.3
81	20:56:40	624.	17.4	941.	22.5	79.	10.6
82	20:56:50	638.	17.8	939.	23.0	71.	9.7
83	20:57: 0	659.	18.1	937.	23.6	66.	9.2
84	20:57:10	681.	17.8	935.	23.5	68.	9.4
85	20:57:20	699.	18.0	933.	23.9	53.	7.4
86	20:57:30	720.	18.2	930.	24.3	51.	7.2
87	20:57:40	731.	17.8	929.	24.0	51.	7.0
88	20:57:50	744.	18.3	928.	24.6	45.	6.4

SITE 7. MENLO PARK UTMX= 573.
18 OCT 1976 UTMY=4145.
2323-2327 PDT SODAR HT.= 18. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
7	23:24:30	478.	18.1	956.	21.9	56.	7.7
8	23:24:40	499.	18.3	954.	22.3	52.	7.2
9	23:24:50	507.	18.4	953.	22.4	56.	7.8
10	23:25: 0	525.	18.3	951.	22.5	59.	8.2
11	23:25:10	526.	18.4	951.	22.6	57.	8.0
12	23:25:20	545.	18.6	949.	23.0	54.	7.7
13	23:25:30	563.	19.4	947.	24.0	41.	6.1
14	23:25:40	576.	19.7	945.	24.4	39.	5.9
15	23:25:50	584.	19.7	944.	24.5	52.	8.0
16	23:26: 0	599.	19.8	943.	24.8	49.	7.6

SITE 7. MENLO PARK UTMX= 573.
18 OCT 1976 UTMY=4145.
2323-2327 PDT SODAR HT.= 18. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
6	23:24:20	511.	18.7	952.	22.8	53.	7.6
5	23:24:10	556.	19.6	947.	24.1	44.	6.7
4	23:24: 0	593.	20.0	943.	24.9	49.	7.6
3	23:23:50	634.	20.4	939.	25.7	35.	5.6

SITE 2. MARTINEZ UTMX= 579.
19 OCT 1976 UTMY=4208.
1457-15 8 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
31	15: 2:50	11.	23.9	1012.	22.9	43.	7.9
30	15: 2:40	31.	23.6	1009.	22.8	43.	7.8
29	15: 2:30	80.	23.2	1004.	22.9	42.	7.5
28	15: 2:20	97.	23.0	1002.	22.9	42.	7.4
27	15: 2:10	114.	23.2	1000.	23.2	41.	7.3
26	15: 2: 0	136.	23.2	997.	23.4	39.	7.0
25	15: 1:50	144.	23.2	996.	23.5	41.	7.4
24	15: 1:40	178.	22.9	992.	23.5	37.	6.5
23	15: 1:30	221.	22.9	987.	24.0	34.	6.0
22	15: 1:20	252.	22.9	984.	24.3	32.	5.7
21	15: 1:10	266.	23.0	982.	24.5	32.	5.7
20	15: 1: 0	290.	22.9	980.	24.6	32.	5.7
19	15: 0:50	317.	22.6	977.	24.6	32.	5.6
18	15: 0:40	335.	22.5	975.	24.7	32.	5.6
17	15: 0:30	361.	22.5	972.	24.9	33.	5.8
16	15: 0:20	382.	22.4	969.	25.0	33.	5.8
15	15: 0:10	415.	22.2	966.	25.2	34.	5.9
14	15: 0: 0	441.	22.0	963.	25.2	36.	6.2
13	14:59:50	470.	21.7	959.	25.2	36.	6.1
12	14:59:40	498.	21.5	956.	25.3	36.	6.1
11	14:59:30	521.	21.6	954.	25.6	36.	6.1
10	14:59:20	544.	21.7	951.	25.9	38.	6.5
9	14:59:10	579.	22.0	947.	26.6	36.	6.3
8	14:59: 0	591.	22.0	946.	26.7	36.	6.3
7	14:58:50	632.	21.7	942.	26.8	34.	5.9
6	14:58:40	666.	21.5	938.	27.0	33.	5.7
5	14:58:30	687.	21.4	936.	27.1	33.	5.6
4	14:58:20	711.	21.0	933.	26.9	33.	5.5
3	14:58:10	757.	20.8	928.	27.1	32.	5.3
2	14:58: 0	766.	20.8	927.	27.2	31.	5.2
1	14:57:50	783.	20.6	925.	27.2	31.	5.1

SITE 2. MARTINEZ
19 OCT 1976
1457-15 8 PDT

UTMX= 579.
UTMY=4208.
SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
32	15: 3: 0	9.	24.0	1012.	23.0	43.	8.0
33	15: 3:10	26.	23.0	1010.	22.2	43.	7.5
34	15: 3:20	48.	22.8	1007.	22.2	42.	7.3
35	15: 3:30	77.	22.6	1004.	22.3	42.	7.2
36	15: 3:40	113.	22.9	1000.	22.9	42.	7.4
37	15: 3:50	134.	22.9	997.	23.1	42.	7.4
42	15: 6:10	538.	21.7	951.	26.0	38.	6.5
43	15: 6:20	560.	21.8	948.	26.3	37.	6.4
44	15: 6:30	590.	21.6	945.	26.4	36.	6.2
45	15: 7: 0	661.	21.3	937.	26.8	35.	5.9
46	15: 7:10	690.	21.1	934.	26.9	34.	5.7
47	15: 7:20	713.	21.1	932.	27.1	33.	5.6
48	15: 7:30	743.	20.9	928.	27.2	33.	5.5
49	15: 7:40	758.	20.8	927.	27.3	32.	5.3
50	15: 7:50	795.	20.3	923.	27.1	32.	5.2
51	15: 8: 0	807.	20.0	922.	26.9	31.	4.9

SITE 2. MARTINEZ UTMX= 579.
19 OCT 1976 UTMY=4208.
1629-1640 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
33	16:34:50	18.	25.5	1011.	24.6	33.	6.7
32	16:34:40	40.	25.4	1008.	24.7	33.	6.7
31	16:34:30	72.	25.2	1005.	24.8	32.	6.4
30	16:34:20	86.	25.2	1003.	24.9	31.	6.2
29	16:34:10	109.	25.1	1000.	25.1	30.	6.0
28	16:34: 0	117.	25.1	1000.	25.1	30.	6.0
27	16:33:50	130.	24.9	998.	25.1	31.	6.1
26	16:33:40	170.	24.4	993.	25.0	35.	6.8
25	16:33:30	203.	24.2	990.	25.1	34.	6.5
24	16:33:20	231.	23.9	986.	25.1	36.	6.8
23	16:33:10	244.	23.7	985.	25.0	36.	6.7
22	16:33: 0	264.	23.7	983.	25.2	37.	6.9
21	16:32:50	275.	23.7	981.	25.3	38.	7.1
20	16:32:40	293.	23.5	979.	25.3	38.	7.1
19	16:32:30	308.	23.4	978.	25.3	38.	7.0
18	16:32:20	317.	23.3	977.	25.3	39.	7.2
17	16:32:10	341.	23.0	974.	25.2	38.	6.9
16	16:32: 0	360.	22.8	972.	25.2	39.	7.0
15	16:31:50	371.	23.0	971.	25.5	38.	6.9
14	16:31:40	388.	22.7	969.	25.4	39.	7.0
13	16:31:30	416.	22.4	966.	25.4	40.	7.1
12	16:31:20	439.	22.6	963.	25.8	40.	7.2
11	16:31:10	456.	22.3	961.	25.7	39.	6.9
10	16:31: 0	473.	22.8	959.	26.3	38.	6.9
9	16:30:50	514.	22.5	955.	26.4	38.	6.8
8	16:30:40	538.	22.7	952.	26.9	37.	6.7
7	16:30:30	573.	22.8	948.	27.3	31.	5.7
6	16:30:20	600.	22.6	945.	27.4	31.	5.6
5	16:30:10	622.	22.4	943.	27.4	30.	5.4
4	16:30: 0	655.	22.2	939.	27.5	30.	5.4
3	16:29:50	681.	21.9	936.	27.5	30.	5.3
2	16:29:40	706.	21.7	934.	27.5	30.	5.2
1	16:29:30	722.	21.6	932.	27.6	30.	5.2

SITE 2. MARTINEZ UTMX= 579.
19 OCT 1976 UTMY=4208.
1629-1640 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
34	16:35: 0	15.	25.5	1011.	24.5	33.	6.7
35	16:35:10	32.	25.3	1009.	24.5	32.	6.4
36	16:35:20	55.	25.2	1007.	24.6	31.	6.2
37	16:35:30	84.	25.2	1003.	24.9	30.	6.0
38	16:35:40	117.	24.9	999.	24.9	30.	5.9
39	16:35:50	143.	24.9	997.	25.2	31.	6.2
40	16:36: 0	172.	24.6	993.	25.2	33.	6.5
41	16:36:10	196.	24.4	990.	25.2	32.	6.2
42	16:36:20	220.	24.2	988.	25.2	34.	6.5
43	16:36:30	254.	24.0	984.	25.4	36.	6.9
44	16:36:40	291.	23.6	980.	25.3	37.	6.9
45	16:36:50	311.	23.3	977.	25.2	37.	6.8
46	16:37: 0	306.	23.4	978.	25.3	37.	6.8
47	16:37:10	329.	23.2	975.	25.3	37.	6.8
48	16:37:20	343.	23.1	974.	25.4	38.	6.9
49	16:37:30	382.	22.7	969.	25.3	37.	6.6
50	16:37:40	414.	22.1	966.	25.0	37.	6.4
51	16:37:50	443.	22.0	963.	25.2	37.	6.4
52	16:38: 0	466.	22.2	960.	25.7	38.	6.7
53	16:38:10	501.	22.3	956.	26.1	38.	6.7
54	16:38:20	535.	22.0	952.	26.1	38.	6.6
55	16:38:30	561.	22.0	950.	26.4	34.	5.9
56	16:38:40	579.	22.3	948.	26.9	31.	5.5
57	16:38:50	607.	22.2	944.	27.1	30.	5.3
58	16:39: 0	629.	22.0	942.	27.1	31.	5.5
59	16:39:10	664.	21.7	938.	27.1	30.	5.2
60	16:39:20	697.	21.6	935.	27.3	31.	5.4
61	16:39:30	728.	21.3	931.	27.3	31.	5.3
62	16:39:40	748.	21.0	929.	27.2	30.	5.0
63	16:39:50	769.	20.9	927.	27.3	30.	5.0
64	16:40: 0	797.	21.1	924.	27.8	30.	5.1

SITE 3. ANTIOCH
19 OCT 1976
1429-1435 PDT

UTMX= 608.
UTMY=4207.
SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
2	14:29:20	96.	23.6	1002.	23.4	34.	6.2
3	14:29:30	134.	23.0	997.	23.2	34.	6.0
4	14:29:40	173.	23.0	993.	23.6	35.	6.2
5	14:29:50	206.	22.5	989.	23.4	35.	6.1
6	14:30: 0	231.	22.1	986.	23.3	34.	5.8
7	14:30:10	267.	22.1	982.	23.6	32.	5.4
8	14:30:20	289.	22.0	980.	23.7	33.	5.6
9	14:30:30	310.	21.8	977.	23.7	31.	5.2
10	14:30:40	325.	22.1	976.	24.2	31.	5.3
11	14:30:50	340.	21.8	974.	24.0	31.	5.2
12	14:31: 0	356.	21.6	972.	24.0	32.	5.3
13	14:31:10	378.	21.8	970.	24.4	35.	5.9
14	14:31:20	397.	21.6	967.	24.4	35.	5.9
15	14:31:30	416.	21.5	965.	24.5	34.	5.7
16	14:31:40	438.	21.3	963.	24.5	34.	5.6
17	14:31:50	452.	21.3	961.	24.6	34.	5.6
18	14:32: 0	476.	21.3	959.	24.9	34.	5.6
19	14:32:10	491.	21.6	957.	25.3	35.	5.9
20	14:32:20	519.	21.6	954.	25.6	35.	5.9
21	14:32:30	541.	21.3	951.	25.5	35.	5.9
22	14:32:40	549.	21.3	951.	25.6	35.	5.9
23	14:32:50	566.	21.2	949.	25.7	36.	6.0
24	14:33: 0	571.	21.2	948.	25.7	36.	6.0
25	14:33:10	588.	21.0	946.	25.7	36.	5.9
26	14:33:20	609.	20.9	944.	25.8	36.	5.9
27	14:33:30	627.	20.7	942.	25.8	38.	6.2
28	14:33:40	644.	20.8	940.	26.0	38.	6.2
29	14:33:50	652.	20.8	939.	26.1	38.	6.2
30	14:34: 0	675.	20.7	937.	26.2	38.	6.2
31	14:34:10	696.	20.7	934.	26.4	38.	6.2
32	14:34:20	713.	20.7	933.	26.6	39.	6.4
33	14:34:30	732.	20.5	931.	26.6	38.	6.2
34	14:34:40	744.	20.6	929.	26.8	39.	6.4
35	14:34:50	771.	20.7	926.	27.2	35.	5.8
36	14:35: 0	787.	20.4	925.	27.1	34.	5.5

SITE 3. ANTIOCH UTMX= 608.
19 OCT 1976 UTMY=4207.
1648-1659 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
34	16:54:10	44.	26.5	1008.	25.8	35.	7.6
35	16:54:20	71.	26.2	1005.	25.8	34.	7.2
36	16:54:30	101.	25.9	1001.	25.8	35.	7.3
37	16:54:40	119.	25.9	999.	26.0	35.	7.4
38	16:54:50	131.	25.9	998.	26.1	34.	7.2
39	16:55: 0	146.	25.8	996.	26.1	34.	7.1
40	16:55:10	164.	25.6	994.	26.1	34.	7.1
41	16:55:20	172.	25.7	993.	26.3	34.	7.1
42	16:55:30	190.	25.6	991.	26.4	34.	7.1
43	16:55:40	217.	25.3	988.	26.3	34.	7.0
44	16:55:50	243.	25.1	985.	26.4	34.	6.9
45	16:56: 0	272.	24.6	982.	26.2	35.	6.9
46	16:56:10	294.	24.4	979.	26.2	35.	6.9
47	16:56:20	304.	24.3	978.	26.2	35.	6.8
48	16:56:30	317.	24.6	977.	26.6	35.	7.0
49	16:56:40	347.	24.4	974.	26.7	35.	6.9
50	16:56:50	389.	24.0	969.	26.7	35.	6.8
51	16:57: 0	410.	23.7	966.	26.6	35.	6.7
52	16:57:10	439.	23.8	963.	27.0	34.	6.5
53	16:57:20	474.	23.7	959.	27.2	33.	6.3
54	16:57:30	503.	23.5	956.	27.3	33.	6.3
55	16:57:40	541.	23.1	952.	27.3	33.	6.2
56	16:57:50	570.	22.6	949.	27.1	33.	6.0
57	16:58: 0	601.	22.4	945.	27.2	33.	5.9
58	16:58:10	629.	22.2	942.	27.3	32.	5.7
59	16:58:20	656.	22.1	939.	27.4	31.	5.5
60	16:58:30	694.	21.9	935.	27.6	30.	5.3
61	16:58:40	728.	21.8	932.	27.8	30.	5.3
62	16:58:50	757.	21.8	928.	28.1	30.	5.3
63	16:59: 0	773.	21.9	927.	28.4	29.	5.2
64	16:59:10	808.	21.4	923.	28.2	30.	5.2

SITE 3. ANTIOCH UTMX= 608.
19 OCT 1976 UTMY=4207.
1648-1659 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
33	16:54: 0	74.	26.2	1004.	25.8	35.	7.5
32	16:53:50	118.	25.8	999.	25.8	35.	7.3
31	16:53:40	132.	25.7	998.	25.9	35.	7.3
30	16:53:30	144.	25.6	996.	25.9	35.	7.3
29	16:53:20	152.	25.6	996.	26.0	35.	7.3
28	16:53:10	162.	25.5	994.	26.0	34.	7.0
27	16:53: 0	181.	25.4	992.	26.1	34.	7.0
26	16:52:50	187.	25.5	992.	26.2	34.	7.0
25	16:52:40	205.	25.5	990.	26.4	34.	7.1
24	16:52:30	244.	25.2	985.	26.5	35.	7.2
23	16:52:20	268.	25.1	982.	26.6	36.	7.3
22	16:52:10	289.	25.1	980.	26.8	36.	7.4
21	16:52: 0	312.	24.8	977.	26.7	35.	7.1
20	16:51:50	343.	24.2	974.	26.4	35.	6.8
19	16:51:40	376.	24.0	970.	26.6	36.	7.0
18	16:51:30	409.	23.9	967.	26.8	35.	6.8
17	16:51:20	422.	23.7	965.	26.7	36.	6.9
16	16:51:10	442.	23.6	963.	26.8	35.	6.7
15	16:51: 0	468.	23.5	960.	27.0	34.	6.4
14	16:50:50	474.	23.5	959.	27.0	34.	6.4
13	16:50:40	487.	23.5	958.	27.2	34.	6.5
12	16:50:30	503.	23.4	956.	27.2	33.	6.2
11	16:50:20	539.	23.1	952.	27.3	33.	6.2
10	16:50:10	563.	23.0	950.	27.4	32.	5.9
9	16:50: 0	580.	22.9	948.	27.5	33.	6.1
8	16:49:50	603.	22.7	945.	27.5	32.	5.9
7	16:49:40	621.	22.6	943.	27.6	32.	5.8
6	16:49:30	644.	22.5	941.	27.7	31.	5.6
5	16:49:20	681.	22.2	937.	27.8	30.	5.4
4	16:49:10	706.	22.1	934.	27.9	30.	5.4
3	16:49: 0	725.	22.0	932.	28.0	29.	5.2
2	16:48:50	731.	22.0	931.	28.1	29.	5.2
1	16:48:40	778.	21.6	926.	28.1	29.	5.1

SITE 3. ANTIOCH
19 OCT 1976
1636-1643 PDT

UTMX= 608.
UTMY=4207.
SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
9	16:37:20	116.	23.7	999.	23.7	35.	6.4
8	16:37:10	134.	23.6	997.	23.8	36.	6.6
7	16:37: 0	142.	23.8	996.	24.1	36.	6.7
6	16:36:50	153.	23.9	995.	24.3	36.	6.7
5	16:36:40	164.	24.1	994.	24.6	36.	6.8
4	16:36:30	179.	24.1	992.	24.8	36.	6.8
3	16:36:20	200.	24.0	990.	24.9	35.	6.6
2	16:36:10	215.	24.0	988.	25.0	35.	6.6
1	16:36: 0	229.	24.1	987.	25.3	36.	6.9

ADD 5 HOURS TO ABOVE TIMES

SITE 3. ANTIOCH UTMX= 608.
19 OCT 1976 UTMY=4207.
1636-1643 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
10	16:37:30	108.	23.7	1000.	23.7	36.	6.6
11	16:37:40	120.	23.8	999.	23.9	36.	6.7
12	16:37:50	136.	24.0	997.	24.2	37.	7.0
13	16:38: 0	161.	24.2	994.	24.7	36.	6.9
14	16:38:10	187.	24.2	991.	24.9	36.	6.9
15	16:38:20	210.	24.3	989.	25.3	36.	7.0
16	16:38:30	225.	24.3	987.	25.4	35.	6.8
17	16:38:40	244.	24.2	985.	25.5	35.	6.7
18	16:38:50	262.	24.3	983.	25.8	34.	6.6
19	16:39: 0	289.	24.1	980.	25.8	34.	6.5
20	16:39:10	304.	23.9	978.	25.8	35.	6.7
21	16:39:20	319.	23.8	976.	25.8	35.	6.6
22	16:39:30	340.	23.5	974.	25.7	35.	6.5
23	16:39:40	363.	23.4	971.	25.9	34.	6.3
24	16:39:50	380.	23.5	970.	26.1	33.	6.2
25	16:40: 0	414.	23.3	966.	26.3	33.	6.1
26	16:40:10	441.	23.1	963.	26.3	33.	6.1
27	16:40:20	456.	23.2	961.	26.6	32.	5.9
28	16:40:30	465.	23.5	960.	27.0	30.	5.7
29	16:40:40	482.	23.3	958.	26.9	31.	5.8
30	16:40:50	504.	23.1	956.	27.0	30.	5.6
31	16:41: 0	529.	23.0	953.	27.1	30.	5.5
32	16:41:10	546.	22.9	951.	27.2	29.	5.3
33	16:41:20	562.	22.7	949.	27.1	29.	5.3
34	16:41:30	589.	22.5	946.	27.2	29.	5.2
35	16:41:40	607.	22.4	944.	27.3	30.	5.4
36	16:41:50	627.	22.1	942.	27.2	30.	5.3
37	16:42: 0	648.	21.8	940.	27.1	32.	5.6
38	16:42:10	670.	21.8	938.	27.3	30.	5.2
39	16:42:20	694.	22.0	935.	27.7	29.	5.1
40	16:42:30	717.	21.9	933.	27.8	29.	5.1
41	16:42:40	734.	21.8	931.	27.9	29.	5.1
42	16:42:50	757.	21.7	928.	28.0	29.	5.1
43	16:43: 0	771.	21.7	927.	28.2	30.	5.3
44	16:43:10	788.	21.7	925.	28.4	30.	5.3
45	16:43:20	798.	21.6	924.	28.4	30.	5.3
46	16:43:30	815.	21.6	922.	28.5	30.	5.3
47	16:43:40	823.	21.7	921.	28.7	30.	5.3

ADD 5 HOURS TO ABOVE TIMES

SITE 4. LIVERMORE UTMX= 616.
19 OCT 1976 UTMY=4173.
1813-1825 PDT SODAR HT.=186. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
22	18:17:20	180.	25.4	992.	26.1	36.	7.4
21	18:17:10	213.	25.5	988.	26.5	36.	7.5
20	18:17: 0	255.	25.1	984.	26.5	37.	7.5
19	18:16:50	277.	24.9	981.	26.5	36.	7.3
18	18:16:40	290.	24.8	980.	26.6	37.	7.4
17	18:16:30	312.	24.6	977.	26.6	37.	7.4
16	18:16:20	328.	24.5	975.	26.6	37.	7.3
15	18:16:10	349.	24.3	973.	26.6	37.	7.3
14	18:16: 0	379.	24.1	970.	26.7	37.	7.2
13	18:15:50	392.	24.1	968.	26.9	37.	7.2
12	18:15:40	419.	23.7	965.	26.7	37.	7.1
11	18:15:30	453.	23.3	961.	26.6	38.	7.1
10	18:15:20	489.	22.9	957.	26.6	38.	7.0
9	18:15:10	511.	23.0	955.	26.9	38.	7.0
8	18:15: 0	540.	22.9	952.	27.1	39.	7.2
7	18:14:50	582.	22.5	947.	27.1	39.	7.1
6	18:14:40	611.	22.2	944.	27.1	40.	7.1
5	18:14:30	635.	22.0	941.	27.1	40.	7.1
4	18:14:20	668.	21.7	938.	27.2	40.	7.0
3	18:14:10	685.	21.5	936.	27.1	40.	6.9
2	18:14: 0	720.	21.1	932.	27.1	40.	6.8
1	18:13:50	751.	20.8	929.	27.1	40.	6.7

SITE 4. LIVERMORE UTMX= 616.
19 OCT 1976 UTMY=4173.
1813-1825 PDT SODAR HT.=186. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
23	18:17:30	174.	25.2	993.	25.8	36.	7.3
25	18:18:10	226.	25.3	987.	26.4	36.	7.4
26	18:18:20	241.	25.3	985.	26.6	36.	7.4
27	18:18:30	262.	25.1	983.	26.6	36.	7.3
28	18:18:40	281.	24.9	981.	26.6	36.	7.3
29	18:18:50	293.	24.8	979.	26.6	36.	7.2
30	18:19: 0	308.	24.7	978.	26.6	36.	7.2
31	18:19:10	322.	24.6	976.	26.7	36.	7.2
32	18:19:20	341.	24.5	974.	26.8	36.	7.1
33	18:19:30	356.	24.4	972.	26.8	36.	7.1
34	18:19:40	377.	24.2	970.	26.8	36.	7.1
35	18:19:50	390.	24.0	968.	26.7	36.	7.0
36	18:20: 0	415.	23.7	966.	26.7	36.	6.9
37	18:20:10	431.	23.5	964.	26.6	36.	6.8
38	18:20:20	443.	23.3	963.	26.5	36.	6.7
39	18:20:30	454.	23.4	961.	26.8	36.	6.8
40	18:20:40	478.	23.2	959.	26.8	36.	6.7
41	18:20:50	493.	23.0	957.	26.7	36.	6.6
42	18:21: 0	516.	23.0	955.	27.0	37.	6.8
43	18:21:10	539.	22.8	952.	27.0	37.	6.8
44	18:21:20	560.	22.3	950.	26.7	37.	6.6
45	18:21:30	576.	22.1	948.	26.6	37.	6.5
46	18:21:40	589.	22.0	946.	26.7	38.	6.7
47	18:21:50	608.	21.8	944.	26.7	38.	6.6
48	18:22: 0	620.	21.8	943.	26.8	38.	6.6
49	18:22:10	644.	21.6	940.	26.8	38.	6.6
50	18:22:20	672.	21.1	937.	26.6	38.	6.4
51	18:22:30	692.	21.2	935.	26.9	38.	6.4
52	18:22:40	719.	21.2	932.	27.2	39.	6.6
53	18:22:50	756.	20.9	928.	27.2	39.	6.5
54	18:23: 0	787.	20.6	925.	27.2	40.	6.6
55	18:23:10	811.	21.2	922.	28.1	35.	6.0
56	18:23:20	834.	21.6	920.	28.7	34.	6.0
57	18:23:30	857.	21.5	917.	28.8	33.	5.8
58	18:23:40	872.	21.5	916.	29.0	33.	5.8
59	18:23:50	869.	21.7	916.	29.2	32.	5.7
60	18:24: 0	849.	21.9	918.	29.2	32.	5.7
61	18:24:10	840.	22.0	919.	29.2	32.	5.8
62	18:24:20	834.	22.1	920.	29.2	32.	5.8

SITE 4. LIVERMORE
19 OCT 1976
1614-1620 PDT

UTMX= 616.
UTMY=4173.
SODAR HT.=186. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
8	16:15:10	171.	21.5	993.	22.1	41.	6.7
9	16:15:20	198.	22.3	990.	23.2	42.	7.2
10	16:15:30	217.	22.2	988.	23.3	42.	7.2
11	16:15:40	240.	22.2	985.	23.5	43.	7.4
12	16:15:50	263.	22.1	982.	23.6	44.	7.5
13	16:16: 0	283.	21.9	980.	23.6	44.	7.4
14	16:16:10	300.	21.7	978.	23.6	45.	7.5
15	16:16:20	318.	21.5	976.	23.5	43.	7.1
16	16:16:30	334.	21.4	974.	23.6	42.	6.9
17	16:16:40	352.	21.5	972.	23.9	41.	6.8
18	16:16:50	382.	21.9	969.	24.6	40.	6.8
19	16:17: 0	405.	22.1	966.	25.0	40.	6.9
20	16:17:10	423.	22.1	964.	25.2	40.	6.9
21	16:17:20	445.	22.1	962.	25.4	40.	7.0
22	16:17:30	470.	22.1	959.	25.6	39.	6.8
23	16:17:40	491.	22.1	957.	25.9	39.	6.8
24	16:17:50	518.	22.1	954.	26.1	40.	7.0
25	16:18: 0	537.	22.0	952.	26.2	39.	6.8
26	16:18:10	558.	21.9	949.	26.3	39.	6.8
27	16:18:20	580.	21.7	947.	26.3	38.	6.5
28	16:18:30	601.	21.6	945.	26.4	39.	6.7
29	16:18:40	626.	21.4	942.	26.5	38.	6.5
30	16:18:50	646.	21.6	940.	26.9	32.	5.5
31	16:19: 0	668.	21.7	937.	27.2	30.	5.2
32	16:19:10	691.	21.6	935.	27.3	30.	5.2
33	16:19:20	721.	21.4	932.	27.4	30.	5.1
34	16:19:30	736.	21.1	930.	27.3	32.	5.4
35	16:19:40	759.	21.0	927.	27.4	35.	5.9
36	16:19:50	777.	21.4	926.	28.0	33.	5.7
37	16:20: 0	794.	21.4	924.	28.2	34.	5.9
38	16:20:10	809.	21.3	922.	28.2	34.	5.9
7	16:15: 0	199.	22.3	990.	23.2	42.	7.2
6	16:14:50	241.	22.3	985.	23.6	43.	7.4
5	16:14:40	247.	22.2	984.	23.5	43.	7.4
4	16:14:30	244.	22.4	985.	23.7	44.	7.6
3	16:14:20	246.	22.4	984.	23.7	44.	7.6
2	16:14:10	260.	22.2	983.	23.7	44.	7.5
1	16:14: 0	280.	22.0	980.	23.7	44.	7.5

ADD 5 HOURS TO ABOVE TIMES

SITE 5. MORGAN HILL UTMX= 623.
19 OCT 1976 UTMY=4108.
1540-1549 PDT SODAR HT.= 98. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
15	15:42:20	74.	20.2	1004.	19.8	59.	8.8
14	15:42:10	92.	20.4	1002.	20.2	57.	8.6
13	15:42: 0	123.	20.8	999.	20.9	55.	8.5
12	15:41:50	158.	20.7	994.	21.2	55.	8.5
11	15:41:40	198.	20.9	990.	21.8	55.	8.7
10	15:41:30	217.	21.3	988.	22.3	48.	7.8
9	15:41:20	228.	21.2	986.	22.4	47.	7.6
8	15:41:10	239.	21.2	985.	22.5	49.	7.9
7	15:41: 0	249.	21.1	984.	22.5	49.	7.8
6	15:40:50	262.	21.0	983.	22.5	50.	8.0
5	15:40:40	274.	20.9	981.	22.5	50.	7.9
4	15:40:30	285.	20.9	980.	22.6	50.	7.9
3	15:40:20	286.	21.1	980.	22.8	49.	7.9
2	15:40:10	292.	21.2	979.	23.0	47.	7.6
1	15:40: 0	299.	21.4	978.	23.3	46.	7.5

ADD 5 HOURS TO ABOVE TIMES

SITE 5. MORGAN HILL UTMX= 623.
19 OCT 1976 UTMY=4108.
1540-1549 PDT SODAR HT.= 98. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
16	15:42:30	73.	20.1	1004.	19.7	60.	8.9
17	15:42:40	91.	20.0	1002.	19.8	61.	9.0
18	15:42:50	113.	20.2	1000.	20.2	60.	9.0
19	15:43: 0	125.	20.1	998.	20.2	60.	8.9
20	15:43:10	147.	20.2	996.	20.6	58.	8.7
21	15:43:20	174.	20.0	993.	20.6	56.	8.3
22	15:43:30	192.	19.9	991.	20.7	58.	8.6
23	15:43:40	208.	20.3	989.	21.3	57.	8.7
24	15:43:50	231.	20.7	986.	21.9	51.	8.0
25	15:44: 0	257.	21.0	983.	22.4	53.	8.5
26	15:44:10	276.	20.9	981.	22.5	53.	8.4
27	15:44:20	293.	20.9	979.	22.7	53.	8.4
28	15:44:30	319.	21.4	976.	23.5	44.	7.2
29	15:44:40	344.	21.6	973.	23.9	42.	7.0
30	15:44:50	367.	21.7	971.	24.2	42.	7.1
31	15:45: 0	387.	21.7	968.	24.4	42.	7.1
32	15:45:10	405.	21.7	966.	24.6	42.	7.1
33	15:45:20	437.	21.6	963.	24.8	42.	7.1
34	15:45:30	447.	21.5	962.	24.8	43.	7.2
35	15:45:40	471.	21.4	959.	25.0	43.	7.2
36	15:45:50	495.	21.2	956.	25.0	44.	7.3
37	15:46: 0	519.	21.2	954.	25.2	44.	7.3
38	15:46:10	544.	21.2	951.	25.5	45.	7.5
39	15:46:20	558.	21.5	949.	25.9	43.	7.3
40	15:46:30	585.	22.0	946.	26.7	40.	7.0
41	15:46:40	610.	22.1	944.	27.0	39.	6.9
42	15:46:50	636.	21.9	941.	27.1	39.	6.9
43	15:47: 0	664.	21.7	938.	27.2	38.	6.6
44	15:47:10	685.	21.6	935.	27.3	38.	6.6
45	15:47:20	715.	21.6	932.	27.6	38.	6.6
46	15:47:30	741.	21.5	929.	27.7	38.	6.6
47	15:47:40	761.	21.3	927.	27.7	37.	6.4
48	15:47:50	780.	21.1	925.	27.7	37.	6.3
49	15:48: 0	808.	21.0	922.	27.9	37.	6.3

ADD 5 HOURS TO ABOVE TIMES

SITE 6. SAN JOSE UTMX= 599.
19 OCT 1976 UTMY=4132.
1519-1526 PDT SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
18	15:21:50	30.	20.2	1009.	19.4	71.	10.5
19	15:22: 0	33.	20.2	1009.	19.4	70.	10.4
20	15:22:10	63.	20.3	1006.	19.8	66.	9.9
21	15:22:20	103.	20.2	1001.	20.1	62.	9.3
22	15:22:30	137.	19.8	997.	20.1	62.	9.1
23	15:22:40	175.	19.7	993.	20.3	63.	9.2
24	15:22:50	220.	20.0	987.	21.1	57.	8.5
25	15:23: 0	263.	20.2	982.	21.7	43.	6.5
26	15:23:10	296.	20.5	979.	22.3	36.	5.6
27	15:23:20	315.	20.9	976.	22.9	34.	5.4
28	15:23:30	334.	20.8	974.	23.0	36.	5.7
29	15:23:40	363.	20.5	971.	23.0	46.	7.2
30	15:23:50	391.	20.1	968.	22.9	50.	7.7
31	15:24: 0	427.	19.8	964.	22.9	62.	9.4
32	15:24:10	447.	20.0	962.	23.3	58.	8.9
33	15:24:20	470.	20.7	959.	24.2	38.	6.1
34	15:24:30	493.	21.3	956.	25.1	41.	6.8
35	15:24:40	518.	21.3	954.	25.3	43.	7.2
36	15:24:50	541.	21.4	951.	25.7	45.	7.6
37	15:25: 0	558.	21.3	949.	25.7	45.	7.6
38	15:25:10	582.	21.0	947.	25.7	45.	7.4
39	15:25:20	603.	21.2	944.	26.1	42.	7.0
40	15:25:30	618.	21.7	943.	26.7	42.	7.3
41	15:25:40	634.	21.9	941.	27.1	40.	7.0
42	15:25:50	650.	22.2	939.	27.6	37.	6.6
43	15:26: 0	695.	22.4	934.	28.2	35.	6.4
44	15:26:10	718.	22.2	932.	28.2	35.	6.3
45	15:26:20	746.	22.1	929.	28.4	35.	6.3
46	15:26:30	770.	22.0	926.	28.5	34.	6.1
47	15:26:40	797.	21.7	923.	28.5	33.	5.8
48	15:26:50	813.	21.7	922.	28.7	33.	5.8

ADD 5 HOURS TO ABOVE TIMES

SITE 6. SAN JOSE UTMX= 599.
19 OCT 1976 UTMY=4132.
1519-1526 PDT SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
17	15:21:40	47.	20.2	1007.	19.6	71.	10.6
16	15:21:30	74.	20.0	1004.	19.6	71.	10.5
15	15:21:20	101.	19.9	1001.	19.8	68.	10.0
14	15:21:10	122.	20.0	999.	20.1	60.	8.9
13	15:21: 0	141.	20.0	996.	20.3	57.	8.4
12	15:20:50	158.	20.0	994.	20.5	57.	8.4
11	15:20:40	180.	20.1	992.	20.8	57.	8.5
10	15:20:30	199.	20.2	990.	21.1	48.	7.2
9	15:20:20	215.	20.3	988.	21.3	45.	6.8
8	15:20:10	242.	20.4	985.	21.7	40.	6.1
7	15:20: 0	256.	20.4	983.	21.8	41.	6.3
6	15:19:50	275.	20.3	981.	21.9	48.	7.3
5	15:19:40	299.	20.3	978.	22.1	55.	8.4
4	15:19:30	313.	20.4	977.	22.4	45.	6.9
3	15:19:20	328.	20.0	975.	22.1	55.	8.3
2	15:19:10	344.	19.8	973.	22.1	58.	8.7
1	15:19: 0	361.	19.7	971.	22.2	59.	8.8

ADD 5 HOURS TO ABOVE TIMES

SITE 7. MENLO PARK UTMX= 573.
19 OCT 1976 UTMY=4145.
1457-15 2 PDT SODAR HT.= 18. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
26	15: 1:50	12.	18.8	1012.	17.8	66.	8.9
27	15: 2: 0	12.	18.7	1012.	17.7	68.	9.1
28	15: 2:10	22.	19.0	1010.	18.1	72.	9.9
25	15: 1:40	17.	19.0	1011.	18.1	68.	9.3
24	15: 1:30	38.	19.2	1009.	18.5	71.	9.9
23	15: 1:20	76.	19.4	1004.	19.1	68.	9.6
22	15: 1:10	108.	20.3	1000.	20.3	45.	6.7
21	15: 1: 0	135.	20.3	997.	20.5	45.	6.8
20	15: 0:50	164.	20.2	994.	20.7	45.	6.7
19	15: 0:40	190.	20.0	991.	20.8	44.	6.5
18	15: 0:30	210.	19.9	988.	20.9	44.	6.5
17	15: 0:20	223.	19.9	987.	21.0	44.	6.5
16	15: 0:10	239.	19.8	985.	21.1	44.	6.5
15	15: 0: 0	257.	19.9	983.	21.3	44.	6.5
14	14:59:50	266.	20.4	982.	21.9	39.	6.0
13	14:59:40	278.	20.7	981.	22.3	36.	5.6
12	14:59:30	286.	21.0	980.	22.7	34.	5.4
11	14:59:20	292.	21.2	979.	23.0	34.	5.5
10	14:59:10	302.	21.2	978.	23.1	33.	5.3
9	14:59: 0	308.	21.1	977.	23.0	34.	5.5
8	14:58:50	314.	20.9	977.	22.9	38.	6.0
7	14:58:40	321.	20.7	976.	22.8	41.	6.4
6	14:58:30	330.	20.4	975.	22.6	46.	7.1
5	14:58:20	338.	20.0	974.	22.2	46.	6.9
4	14:58:10	356.	19.7	972.	22.1	53.	7.9
3	14:58: 0	381.	19.6	969.	22.3	58.	8.6
2	14:57:50	404.	19.5	966.	22.4	57.	8.4
1	14:57:40	425.	19.7	964.	22.8	54.	8.1

ADD 5 HOURS TO ABOVE TIMES

SITE 8. PULGAS RIDGE UTMX= 559.
19 OCT 1976 UTMY=4152.
1443-1450 PDT SODAR HT.=152. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
13	14:45:30	269.	21.2	981.	22.8	39.	6.3
14	14:45:40	292.	20.6	979.	22.4	42.	6.5
15	14:45:50	313.	20.6	976.	22.6	36.	5.6
16	14:46: 0	332.	20.8	974.	23.0	34.	5.4
17	14:46:10	344.	20.5	973.	22.8	39.	6.1
18	14:46:20	374.	20.9	969.	23.5	35.	5.6
19	14:46:30	393.	20.9	967.	23.7	36.	5.8
20	14:46:40	407.	21.2	966.	24.1	36.	5.9
21	14:46:50	426.	21.4	964.	24.5	36.	6.0
22	14:47: 0	459.	21.6	960.	25.1	35.	5.9
23	14:47:10	486.	21.7	957.	25.4	35.	6.0
24	14:47:20	517.	21.9	953.	25.9	36.	6.2
25	14:47:30	545.	21.9	950.	26.2	33.	5.7
26	14:47:40	571.	21.9	948.	26.5	32.	5.6
27	14:47:50	593.	21.7	945.	26.5	31.	5.3
28	14:48: 0	623.	21.5	942.	26.6	31.	5.3
29	14:48:10	646.	21.7	939.	27.0	30.	5.2
30	14:48:20	675.	21.8	936.	27.4	29.	5.1
31	14:48:30	697.	21.8	934.	27.6	30.	5.3
32	14:48:40	730.	21.7	930.	27.9	30.	5.3
33	14:48:50	764.	21.5	927.	28.0	31.	5.4
34	14:49: 0	787.	21.3	924.	28.0	31.	5.3
12	14:45:20	280.	21.3	980.	23.0	38.	6.2
11	14:45:10	310.	21.1	977.	23.1	34.	5.5
10	14:45: 0	349.	20.8	972.	23.2	33.	5.2
9	14:44:50	380.	20.8	969.	23.5	34.	5.4
8	14:44:40	397.	21.2	967.	24.0	34.	5.6
7	14:44:30	414.	21.5	965.	24.5	35.	5.8
6	14:44:20	428.	21.9	963.	25.1	36.	6.2
5	14:44:10	456.	21.9	960.	25.3	35.	6.0
4	14:44: 0	486.	21.9	957.	25.6	35.	6.0
3	14:43:50	534.	21.9	952.	26.1	34.	5.9
2	14:43:40	568.	21.8	948.	26.3	32.	5.5
1	14:43:30	609.	21.5	943.	26.4	31.	5.3

ADD 5 HOURS TO ABOVE TIMES

SITE 10. SAN RAFAEL UTMX= 542.
19 OCT 1976 UTMY=4208.
1550-16 3 PDT SODAR HT.= 37. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
42	15:56:50	12.	25.2	1012.	24.2	35.	7.0
41	15:56:40	22.	24.9	1010.	24.0	37.	7.3
40	15:56:30	70.	24.2	1005.	23.8	37.	7.0
39	15:56:20	118.	23.7	999.	23.8	36.	6.6
38	15:56:10	137.	23.5	997.	23.7	35.	6.4
37	15:56: 0	150.	23.2	996.	23.6	38.	6.8
36	15:55:50	164.	23.0	994.	23.5	39.	6.9
35	15:55:40	177.	22.9	993.	23.5	41.	7.3
34	15:55:30	197.	22.7	990.	23.5	42.	7.4
33	15:55:20	219.	22.5	988.	23.5	42.	7.3
32	15:55:10	243.	22.4	985.	23.7	42.	7.3
31	15:55: 0	245.	22.5	985.	23.8	42.	7.3
30	15:54:50	258.	22.5	983.	23.9	42.	7.3
29	15:54:40	281.	22.3	981.	24.0	42.	7.3
28	15:54:30	288.	22.3	980.	24.0	42.	7.3
27	15:54:20	293.	22.2	979.	24.0	42.	7.2
26	15:54:10	311.	22.0	977.	23.9	42.	7.1
25	15:54: 0	328.	21.9	975.	24.0	42.	7.1
24	15:53:50	339.	21.9	974.	24.1	42.	7.1
23	15:53:40	352.	21.9	973.	24.2	42.	7.1
22	15:53:30	385.	21.7	969.	24.4	42.	7.1
21	15:53:20	404.	21.6	967.	24.5	42.	7.1
20	15:53:10	422.	21.5	965.	24.5	42.	7.0
19	15:53: 0	441.	21.4	963.	24.6	42.	7.0
18	15:52:50	461.	21.2	960.	24.6	42.	6.9
17	15:52:40	471.	21.3	959.	24.8	42.	7.0
16	15:52:30	490.	21.3	957.	25.0	42.	7.0
15	15:52:20	514.	21.1	955.	25.0	42.	6.9
14	15:52:10	542.	21.0	951.	25.2	41.	6.7
13	15:52: 0	561.	20.8	949.	25.2	42.	6.8
12	15:51:50	590.	20.7	946.	25.4	41.	6.7
11	15:51:40	607.	20.7	944.	25.6	40.	6.5
10	15:51:30	628.	20.6	942.	25.7	40.	6.5
9	15:51:20	665.	20.8	938.	26.2	36.	5.9
8	15:51:10	700.	20.8	934.	26.6	33.	5.4
7	15:51: 0	730.	20.6	931.	26.7	36.	5.9
6	15:50:50	748.	21.0	929.	27.3	34.	5.7
5	15:50:40	761.	21.3	927.	27.7	29.	5.0
4	15:50:30	778.	21.3	926.	27.9	28.	4.8
3	15:50:20	792.	21.3	924.	28.0	27.	4.6
2	15:50:10	805.	21.3	923.	28.1	27.	4.6
1	15:50: 0	823.	21.2	921.	28.2	27.	4.6

SITE 10. SAN RAFAEL UTMX= 542.
19 OCT 1976 UTMY=4208.
1550-16 3 PDT SODAR HT.= 37. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
43	15:57: 0	10.	24.9	1012.	23.9	32.	6.3
44	15:57:10	16.	24.6	1011.	23.7	33.	6.3
45	15:57:20	24.	24.1	1010.	23.2	33.	6.2
46	15:57:30	42.	23.9	1008.	23.2	33.	6.1
47	15:57:40	75.	23.7	1004.	23.3	35.	6.4
48	15:57:50	105.	23.5	1001.	23.4	37.	6.7
49	15:58: 0	127.	23.4	998.	23.5	39.	7.1
51	15:58:20	167.	23.0	994.	23.5	40.	7.1
52	15:58:30	199.	22.8	990.	23.6	39.	6.9
53	15:58:40	226.	22.5	987.	23.6	40.	6.9
54	15:58:50	251.	22.1	984.	23.5	40.	6.8
55	15:59: 0	277.	21.8	981.	23.4	40.	6.7
56	15:59:10	289.	21.7	980.	23.4	40.	6.7
57	15:59:20	305.	21.8	978.	23.7	40.	6.7
58	15:59:30	329.	21.7	975.	23.8	41.	6.9
59	15:59:40	356.	21.4	972.	23.8	40.	6.6
60	15:59:50	379.	21.3	970.	23.9	40.	6.6
61	16: 0: 0	401.	21.2	967.	24.0	40.	6.5
62	16: 0:10	424.	21.1	965.	24.2	40.	6.5
63	16: 0:20	448.	21.2	962.	24.5	40.	6.6
64	16: 0:30	472.	20.9	959.	24.4	41.	6.6
65	16: 0:40	493.	20.6	957.	24.3	41.	6.5
66	16: 0:50	516.	20.5	954.	24.5	41.	6.5
67	16: 1: 0	546.	20.5	951.	24.8	41.	6.5
68	16: 1:10	564.	20.6	949.	25.0	41.	6.6
69	16: 1:20	588.	20.4	946.	25.1	41.	6.5
70	16: 1:30	620.	20.1	943.	25.1	41.	6.4
71	16: 1:40	655.	20.0	939.	25.3	39.	6.1
72	16: 1:50	691.	20.4	935.	26.1	35.	5.6
73	16: 2: 0	729.	20.3	931.	26.4	36.	5.8
74	16: 2:10	760.	20.8	927.	27.2	29.	4.8
75	16: 2:20	791.	20.9	924.	27.6	28.	4.7
76	16: 2:30	811.	20.9	922.	27.8	27.	4.5
77	16: 2:40	812.	21.0	922.	27.9	27.	4.6
78	16: 2:50	834.	21.1	920.	28.2	28.	4.8
79	16: 3: 0	837.	21.6	919.	28.8	28.	4.9

SITE 11. EL CERRITO UTMX= 560.
19 OCT 1976 UTMY=4194.
1610-1629 PDT SODAR HT.= 60. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
46	16:17:40	20.	20.1	1011.	19.2	61.	9.0
47	16:17:50	46.	20.2	1008.	19.6	55.	8.1
48	16:18: 0	88.	20.0	1003.	19.8	54.	7.9
49	16:18:10	113.	20.0	1000.	20.0	53.	7.8
50	16:18:20	130.	20.4	998.	20.6	52.	7.9
51	16:18:30	149.	20.6	996.	21.0	50.	7.7
52	16:18:40	181.	21.1	992.	21.8	47.	7.5
53	16:18:50	212.	21.4	988.	22.4	41.	6.6
54	16:19: 0	246.	21.9	984.	23.2	35.	5.9
55	16:19:10	278.	22.4	981.	24.0	31.	5.4
56	16:19:20	300.	22.4	978.	24.3	31.	5.4
57	16:19:30	315.	22.3	977.	24.3	32.	5.5
58	16:19:40	340.	22.3	974.	24.6	33.	5.7
59	16:19:50	370.	22.2	970.	24.8	33.	5.7
60	16:20: 0	403.	22.2	967.	25.1	34.	5.9
61	16:20:10	432.	22.1	963.	25.3	37.	6.4
62	16:20:20	465.	22.1	960.	25.6	40.	7.0
63	16:20:30	494.	22.0	956.	25.8	36.	6.3
64	16:20:40	524.	21.8	953.	25.9	35.	6.0
65	16:20:50	555.	21.7	950.	26.1	34.	5.8
66	16:21: 0	584.	21.6	947.	26.3	34.	5.8
67	16:21:10	616.	21.4	943.	26.4	33.	5.6
68	16:21:20	634.	21.5	941.	26.7	31.	5.3
69	16:21:30	653.	21.7	939.	27.1	31.	5.4
70	16:21:40	698.	21.2	934.	27.0	31.	5.2
71	16:21:50	722.	20.8	931.	26.8	32.	5.3
72	16:22: 0	743.	20.7	929.	26.9	31.	5.1
73	16:22:10	757.	20.7	928.	27.1	30.	4.9
74	16:22:20	773.	21.0	926.	27.5	30.	5.1
75	16:22:30	800.	21.0	923.	27.8	30.	5.1
76	16:22:40	817.	20.9	921.	27.9	30.	5.0
77	16:22:50	824.	20.9	921.	27.9	30.	5.1

SITE 11. EL CERRITO UTMX= 560.
19 OCT 1976 UTMY=4194.
1610-1629 PDT SODAR HT.= 60. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
45	16:17:30	46.	19.9	1008.	19.3	56.	8.1
44	16:17:20	88.	19.7	1003.	19.5	53.	7.6
43	16:17:10	109.	19.8	1000.	19.8	52.	7.6
42	16:17: 0	118.	19.9	999.	20.0	50.	7.3
41	16:16:50	131.	20.0	998.	20.2	50.	7.4
40	16:16:40	141.	20.3	996.	20.6	49.	7.4
39	16:16:30	154.	20.3	995.	20.7	49.	7.4
38	16:16:20	166.	20.7	994.	21.2	49.	7.6
37	16:16:10	188.	21.4	991.	22.2	45.	7.3
36	16:16: 0	206.	21.9	989.	22.8	39.	6.5
35	16:15:50	212.	21.9	988.	22.9	37.	6.2
34	16:15:40	227.	21.9	987.	23.0	37.	6.2
33	16:15:30	246.	22.1	984.	23.4	35.	5.9
32	16:15:20	259.	22.6	983.	24.1	32.	5.6
31	16:15:10	275.	22.8	981.	24.4	31.	5.5
30	16:15: 0	288.	22.6	980.	24.3	31.	5.4
29	16:14:50	299.	22.6	978.	24.5	31.	5.5
28	16:14:40	313.	22.5	977.	24.5	31.	5.4
27	16:14:30	323.	22.4	976.	24.5	32.	5.6
26	16:14:20	338.	22.3	974.	24.5	32.	5.6
25	16:14:10	353.	22.2	972.	24.6	33.	5.7
24	16:14: 0	362.	22.3	971.	24.8	33.	5.7
23	16:13:50	369.	22.3	970.	24.8	33.	5.7
22	16:13:40	384.	22.2	969.	24.9	33.	5.7
21	16:13:30	394.	22.2	968.	25.0	33.	5.7
20	16:13:20	402.	22.2	967.	25.1	34.	5.9
19	16:13:10	405.	22.2	966.	25.1	34.	5.9
18	16:13: 0	417.	22.1	965.	25.1	34.	5.9
17	16:12:50	439.	22.0	963.	25.2	36.	6.2
16	16:12:40	458.	22.0	961.	25.4	38.	6.6
15	16:12:30	464.	22.0	960.	25.5	39.	6.8
14	16:12:20	469.	22.0	959.	25.5	41.	7.1
13	16:12:10	483.	22.0	958.	25.7	42.	7.3
12	16:12: 0	501.	22.1	956.	25.9	39.	6.8
11	16:11:50	524.	22.1	953.	26.2	35.	6.1
10	16:11:40	547.	21.9	951.	26.2	34.	5.9
9	16:11:30	558.	22.0	949.	26.4	34.	5.9
8	16:11:20	569.	22.0	948.	26.5	33.	5.8
7	16:11:10	580.	22.0	947.	26.6	33.	5.8
6	16:11: 0	596.	21.9	945.	26.7	33.	5.8
5	16:10:50	618.	21.8	943.	26.8	32.	5.6
4	16:10:40	628.	21.7	942.	26.8	32.	5.5
3	16:10:30	643.	21.8	940.	27.0	31.	5.4
2	16:10:20	676.	21.5	937.	27.1	31.	5.3
1	16:10:10	703.	21.3	934.	27.1	31.	5.3

SITE 12. DUBLIN CAN. UTMX= 589.
19 OCT 1976 UTMY=4171.
1832-1839 PDT SODAR HT.=183. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
13	18:34:40	259.	21.0	983.	22.5	48.	7.6
12	18:34:30	301.	21.8	978.	23.7	45.	7.6
11	18:34:20	314.	21.8	976.	23.8	45.	7.6
10	18:34:10	336.	21.7	974.	23.9	46.	7.7
9	18:34: 0	344.	22.1	973.	24.4	45.	7.7
8	18:33:50	359.	23.1	971.	25.6	42.	7.7
7	18:33:40	397.	23.4	967.	26.3	39.	7.3
6	18:33:30	431.	23.4	963.	26.6	37.	7.0
5	18:33:20	463.	23.3	960.	26.8	40.	7.5
4	18:33:10	489.	23.4	957.	27.2	38.	7.2
3	18:33: 0	510.	23.4	954.	27.4	36.	6.8
2	18:32:50	554.	23.1	950.	27.5	35.	6.5
1	18:32:40	580.	22.8	947.	27.5	35.	6.4

SITE 12. DUBLIN CAN. UTMX= 589.
19 OCT 1976 UTMY=4171.
1832-1839 PDT SODAR HT.=183. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
14	18:34:50	228.	21.0	986.	22.2	48.	7.6
15	18:35: 0	231.	20.6	986.	21.8	49.	7.6
16	18:35:10	272.	20.5	981.	22.1	49.	7.6
17	18:35:20	288.	21.1	979.	22.9	49.	7.9
18	18:35:30	311.	21.9	977.	23.9	49.	8.3
19	18:35:40	336.	22.1	974.	24.3	46.	7.9
20	18:35:50	354.	23.0	972.	25.4	42.	7.6
21	18:36: 0	378.	22.9	969.	25.6	43.	7.8
22	18:36:10	406.	23.0	966.	25.9	40.	7.3
23	18:36:20	425.	23.2	964.	26.3	40.	7.4
24	18:36:30	451.	23.1	961.	26.5	40.	7.4
25	18:36:40	470.	23.0	959.	26.6	41.	7.6
26	18:36:50	484.	22.8	957.	26.5	41.	7.5
27	18:37: 0	509.	22.8	955.	26.8	38.	6.9
28	18:37:10	520.	22.7	953.	26.8	37.	6.7
29	18:37:20	539.	22.8	951.	27.1	34.	6.2
30	18:37:30	557.	22.9	949.	27.3	35.	6.5
31	18:37:40	585.	22.4	946.	27.1	37.	6.7
32	18:37:50	598.	22.2	945.	27.0	37.	6.6
33	18:38: 0	618.	22.1	943.	27.1	36.	6.4
34	18:38:10	642.	22.0	940.	27.3	36.	6.4
35	18:38:20	662.	21.7	938.	27.2	37.	6.4
36	18:38:30	682.	21.5	936.	27.2	37.	6.4
37	18:38:40	698.	21.4	934.	27.2	38.	6.5
38	18:38:50	726.	21.2	931.	27.3	37.	6.3
39	18:39: 0	745.	21.1	929.	27.4	36.	6.1
40	18:39:10	763.	21.0	927.	27.5	35.	5.9
41	18:39:20	771.	21.1	926.	27.6	34.	5.8
42	18:39:30	788.	21.1	924.	27.8	34.	5.8
43	18:39:40	806.	20.8	922.	27.7	36.	6.0
44	18:39:50	814.	20.7	921.	27.7	36.	6.0

SITE 13. SAN LORENZO UTMX= 574.
19 OCT 1976 UTMY=4169.
1847-1859 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
17	18:50:10	26.	20.0	1010.	19.2	61.	8.9
16	18:50: 0	37.	19.8	1009.	19.1	62.	9.0
15	18:49:50	70.	19.7	1005.	19.3	59.	8.5
14	18:49:40	104.	19.5	1001.	19.4	56.	8.0
13	18:49:30	127.	19.5	998.	19.7	54.	7.7
12	18:49:20	147.	20.0	996.	20.4	51.	7.5
11	18:49:10	184.	20.2	991.	20.9	48.	7.2
10	18:49: 0	217.	20.9	988.	21.9	47.	7.4
9	18:48:50	275.	22.9	981.	24.5	37.	6.6
8	18:48:40	327.	22.6	975.	24.7	38.	6.7
7	18:48:30	378.	22.4	969.	25.0	37.	6.5
6	18:48:20	406.	22.4	966.	25.3	38.	6.7
5	18:48:10	442.	22.2	962.	25.5	39.	6.8
4	18:48: 0	480.	22.2	958.	25.8	38.	6.7
3	18:47:50	528.	22.4	953.	26.5	36.	6.4
2	18:47:40	557.	22.5	949.	26.9	33.	5.9
1	18:47:30	584.	22.3	947.	27.0	32.	5.7

SITE 13. SAN LORENZO UTMX= 574.
19 OCT 1976 UTMY=4169.
1847-1859 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
18	18:50:20	24.	20.0	1010.	19.2	62.	9.1
19	18:50:30	41.	19.8	1008.	19.1	66.	9.5
20	18:50:40	71.	19.4	1005.	19.0	64.	9.1
21	18:50:50	96.	19.4	1002.	19.3	62.	8.8
22	18:51: 0	119.	19.4	999.	19.5	60.	8.5
23	18:51:10	143.	19.2	996.	19.5	59.	8.3
24	18:51:20	169.	19.3	993.	19.9	59.	8.4
25	18:51:30	189.	19.6	991.	20.4	57.	8.3
26	18:51:40	217.	19.6	988.	20.6	57.	8.3
27	18:51:50	249.	21.3	984.	22.7	46.	7.5
28	18:52: 0	279.	22.1	981.	23.8	41.	7.0
29	18:52:10	301.	22.3	978.	24.2	38.	6.6
30	18:52:20	316.	22.4	976.	24.4	39.	6.8
31	18:52:30	338.	22.3	974.	24.5	40.	7.0
32	18:52:40	361.	22.2	971.	24.7	39.	6.8
33	18:52:50	386.	22.2	968.	24.9	40.	7.0
34	18:53: 0	410.	22.2	966.	25.2	41.	7.1
35	18:53:10	443.	22.0	962.	25.3	39.	6.7
36	18:53:20	467.	21.9	959.	25.4	39.	6.7
37	18:53:30	500.	22.1	956.	25.9	37.	6.5
38	18:53:40	520.	22.4	954.	26.4	35.	6.2
39	18:53:50	531.	22.7	952.	26.9	34.	6.2
40	18:54: 0	564.	22.6	949.	27.1	33.	6.0
41	18:54:10	585.	22.4	946.	27.1	33.	5.9
42	18:54:20	609.	22.3	944.	27.2	32.	5.7
43	18:54:30	634.	22.1	941.	27.3	31.	5.5
44	18:54:40	664.	22.0	938.	27.5	31.	5.5
45	18:54:50	688.	22.0	935.	27.7	30.	5.3
46	18:55: 0	707.	22.3	933.	28.2	30.	5.4
47	18:55:10	732.	22.2	930.	28.4	30.	5.4
48	18:55:20	754.	22.1	928.	28.5	30.	5.4
49	18:55:30	790.	21.7	924.	28.4	31.	5.5
50	18:55:40	812.	21.4	922.	28.3	31.	5.4
51	18:55:50	825.	21.2	920.	28.3	31.	5.3

SITE 14. SAN PABLO BAY
19 OCT 1976
1515-1518 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
14	15:18: 0	19.	21.5	1011.	20.6	40.	6.4
13	15:17:50	28.	23.3	1010.	22.5	30.	5.3
12	15:17:40	51.	23.3	1007.	22.7	33.	5.9
11	15:17:30	85.	23.6	1003.	23.3	34.	6.2
10	15:17:20	91.	23.6	1002.	23.4	35.	6.4
9	15:17:10	108.	23.9	1000.	23.9	33.	6.1
8	15:17: 0	126.	23.8	998.	23.9	31.	5.7
7	15:16:50	160.	23.4	994.	23.9	30.	5.4
6	15:16:40	183.	23.3	992.	24.0	29.	5.2
5	15:16:30	225.	23.1	987.	24.2	29.	5.2
4	15:16:20	272.	22.4	982.	24.0	31.	5.4
3	15:16:10	314.	21.8	977.	23.8	37.	6.2
2	15:16: 0	357.	21.5	972.	23.9	38.	6.3
1	15:15:50	411.	21.8	966.	24.7	32.	5.4

SITE 15. COLLINSVILLE UTMX= 601.
19 OCT 1976 UTMY=4215.
1436-1449 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
41	14:43:10	23.	24.2	1010.	23.3	42.	7.9
42	14:43:20	30.	24.1	1010.	23.3	42.	7.9
43	14:43:30	40.	23.5	1008.	22.8	41.	7.4
44	14:43:40	60.	23.3	1006.	22.8	41.	7.3
45	14:43:50	91.	23.3	1002.	23.1	42.	7.5
46	14:44: 0	111.	23.4	1000.	23.4	42.	7.6
47	14:44:10	122.	23.6	999.	23.7	42.	7.7
48	14:44:20	126.	23.7	998.	23.8	42.	7.8
49	14:44:30	131.	24.0	998.	24.2	42.	7.9
50	14:44:40	158.	23.7	995.	24.1	41.	7.6
51	14:44:50	178.	23.3	992.	23.9	41.	7.4
52	14:45: 0	188.	23.1	991.	23.8	41.	7.4
53	14:45:10	213.	23.1	988.	24.1	41.	7.4
54	14:45:20	228.	23.1	987.	24.2	41.	7.4
55	14:45:30	253.	23.0	984.	24.4	41.	7.4
56	14:45:40	268.	22.7	982.	24.2	41.	7.2
61	14:45:50	287.	22.6	980.	24.3	41.	7.2
62	14:46: 0	293.	22.7	979.	24.5	41.	7.3
63	14:46:10	306.	22.8	978.	24.7	40.	7.1
64	14:46:20	322.	22.6	976.	24.7	41.	7.2
65	14:46:30	337.	22.3	974.	24.5	41.	7.1
66	14:46:40	355.	22.2	972.	24.6	41.	7.1
67	14:46:50	369.	22.1	971.	24.6	40.	6.9
68	14:47: 0	386.	22.4	969.	25.1	38.	6.7
69	14:47:10	405.	22.2	967.	25.1	38.	6.6
70	14:47:20	416.	22.2	965.	25.2	38.	6.6
71	14:47:30	431.	22.1	964.	25.2	38.	6.6
72	14:47:40	466.	21.9	960.	25.4	38.	6.5
73	14:47:50	490.	21.8	957.	25.5	38.	6.5
74	14:48: 0	508.	21.6	955.	25.5	38.	6.4
75	14:48:10	538.	21.7	952.	25.9	37.	6.3
76	14:48:20	572.	21.4	948.	25.9	37.	6.2
77	14:48:30	595.	21.1	946.	25.8	37.	6.1
78	14:48:40	623.	21.0	943.	26.0	37.	6.1
79	14:48:50	643.	20.9	940.	26.1	37.	6.1
80	14:49: 0	673.	21.1	937.	26.6	36.	6.0
81	14:49:10	710.	20.9	933.	26.8	34.	5.7
82	14:49:20	738.	20.6	930.	26.8	33.	5.4
83	14:49:30	766.	20.6	927.	27.0	33.	5.4
84	14:49:40	799.	20.6	923.	27.4	33.	5.4

SITE 15. COLLINSVILLE UTMX= 601.
19 OCT 1976 UTMY=4215.
1436-1449 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
40	14:43: 0	56.	23.7	1006.	23.2	42.	7.7
39	14:42:50	80.	23.5	1004.	23.2	42.	7.6
38	14:42:40	117.	23.1	999.	23.1	42.	7.5
37	14:42:30	142.	23.2	997.	23.5	42.	7.5
36	14:42:20	161.	23.2	994.	23.7	43.	7.7
35	14:42:10	178.	22.9	992.	23.5	43.	7.6
34	14:42: 0	200.	22.9	990.	23.8	43.	7.6
33	14:41:50	223.	22.8	987.	23.9	43.	7.6
32	14:41:40	245.	22.8	985.	24.1	42.	7.5
31	14:41:30	261.	22.9	983.	24.4	42.	7.5
30	14:41:20	273.	22.9	982.	24.5	42.	7.5
29	14:41:10	283.	23.0	980.	24.7	42.	7.6
28	14:41: 0	293.	22.8	979.	24.6	43.	7.7
27	14:40:50	305.	22.7	978.	24.6	43.	7.6
26	14:40:40	319.	22.6	976.	24.6	43.	7.6
25	14:40:30	336.	22.5	974.	24.7	42.	7.4
24	14:40:20	350.	22.6	973.	24.9	42.	7.5
23	14:40:10	379.	22.4	970.	25.0	41.	7.2
22	14:40: 0	415.	22.4	966.	25.4	40.	7.1
21	14:39:50	439.	22.2	963.	25.4	40.	7.0
20	14:39:40	462.	22.0	960.	25.4	40.	6.9
19	14:39:30	493.	21.8	957.	25.5	38.	6.5
18	14:39:20	526.	21.7	953.	25.8	37.	6.3
17	14:39:10	560.	21.6	949.	26.0	37.	6.3
16	14:39: 0	594.	21.3	946.	26.0	37.	6.2
15	14:38:50	609.	21.3	944.	26.2	37.	6.2
14	14:38:40	633.	21.1	941.	26.2	37.	6.2
13	14:38:30	659.	21.1	939.	26.5	37.	6.2
12	14:38:20	674.	21.2	937.	26.7	36.	6.1
11	14:38:10	701.	21.3	934.	27.1	34.	5.8
10	14:38: 0	737.	21.0	930.	27.1	34.	5.7
9	14:37:50	762.	20.9	927.	27.3	33.	5.5
8	14:37:40	795.	20.9	924.	27.6	32.	5.4
7	14:37:30	797.	20.8	924.	27.5	33.	5.5
6	14:37:20	799.	20.8	923.	27.6	33.	5.5
5	14:37:10	797.	20.8	924.	27.5	34.	5.7
3	14:36:50	801.	20.9	923.	27.7	34.	5.7
2	14:36:40	799.	20.9	923.	27.7	34.	5.7
1	14:36:30	805.	20.9	923.	27.7	33.	5.5

SITE 17. OCEAN
19 OCT 1976
1415-1427 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
36	14:20:50	41.	16.4	1008.	15.7	75.	8.8
35	14:20:40	75.	16.2	1004.	15.9	72.	8.3
34	14:20:30	113.	15.9	1000.	15.9	67.	7.6
33	14:20:20	157.	15.7	994.	16.2	62.	7.0
32	14:20:10	197.	15.9	990.	16.8	56.	6.4
31	14:20: 0	222.	16.7	987.	17.8	50.	6.1
30	14:19:50	254.	20.6	983.	22.0	33.	5.1
29	14:19:40	286.	21.4	979.	23.2	27.	4.4
28	14:19:30	317.	21.7	976.	23.8	29.	4.8
27	14:19:20	338.	22.0	973.	24.3	33.	5.6
26	14:19:10	366.	22.0	970.	24.6	33.	5.6
25	14:19: 0	398.	22.2	967.	25.1	34.	5.9
24	14:18:50	418.	22.2	964.	25.3	34.	5.9
23	14:18:40	431.	22.2	963.	25.4	34.	5.9
22	14:18:30	437.	22.4	962.	25.7	33.	5.8
21	14:18:20	455.	22.4	960.	25.8	33.	5.8
20	14:18:10	481.	22.5	957.	26.2	33.	5.9
19	14:18: 0	519.	22.5	953.	26.6	31.	5.6
18	14:17:50	553.	22.3	950.	26.7	31.	5.5
17	14:17:40	569.	22.3	948.	26.9	30.	5.3
16	14:17:30	590.	22.4	945.	27.2	29.	5.2
15	14:17:20	604.	22.6	944.	27.5	28.	5.1
14	14:17:10	618.	22.8	942.	27.9	28.	5.2
13	14:17: 0	638.	22.9	940.	28.2	28.	5.2
12	14:16:50	676.	22.6	936.	28.2	30.	5.5
11	14:16:40	708.	22.3	933.	28.2	31.	5.6
10	14:16:30	738.	22.1	929.	28.3	31.	5.6
9	14:16:20	757.	21.9	927.	28.3	32.	5.7
8	14:16:10	782.	21.7	925.	28.4	32.	5.6
7	14:16: 0	800.	21.5	923.	28.3	32.	5.6
6	14:15:50	826.	21.2	920.	28.3	32.	5.5
5	14:15:40	852.	21.0	917.	28.4	31.	5.3
4	14:15:30	859.	21.0	916.	28.4	31.	5.3
3	14:15:20	857.	21.1	917.	28.5	31.	5.3
2	14:15:10	856.	21.3	917.	28.7	31.	5.4
1	14:15: 0	866.	21.2	916.	28.7	31.	5.3

ADD 5 HOURS TO ABOVE TIMES

SITE 17. OCEAN
19 OCT 1976
1415-1427 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
37	14:21: 0	39.	16.4	1008.	15.7	76.	8.9
38	14:21:10	65.	16.2	1005.	15.8	78.	9.0
39	14:21:20	98.	15.9	1001.	15.8	78.	8.9
40	14:21:30	120.	15.8	999.	15.9	77.	8.7
41	14:21:40	154.	16.0	995.	16.4	76.	8.8
42	14:21:50	187.	16.4	991.	17.2	78.	9.3
43	14:22: 0	220.	16.9	987.	18.0	82.	10.1
44	14:22:10	248.	19.2	984.	20.6	68.	9.7
45	14:22:20	273.	20.5	981.	22.1	46.	7.1
46	14:22:30	294.	20.8	978.	22.6	43.	6.8
47	14:22:40	311.	21.2	977.	23.2	40.	6.5
48	14:22:50	330.	21.8	974.	24.0	40.	6.7
49	14:23: 0	362.	21.8	971.	24.3	40.	6.8
50	14:23:10	385.	22.0	968.	24.7	39.	6.7
51	14:23:20	408.	22.2	966.	25.2	38.	6.6
52	14:23:30	452.	22.2	961.	25.6	37.	6.5
53	14:23:40	474.	22.0	958.	25.6	36.	6.2
54	14:23:50	505.	22.1	955.	26.0	35.	6.1
55	14:24: 0	543.	22.0	951.	26.3	33.	5.8
56	14:24:10	564.	22.1	948.	26.6	32.	5.6
57	14:24:20	589.	22.2	946.	27.0	30.	5.3
58	14:24:30	614.	22.5	943.	27.5	28.	5.1
59	14:24:40	644.	22.6	940.	27.9	29.	5.3
60	14:24:50	673.	22.4	936.	28.0	30.	5.4
61	14:25: 0	707.	22.3	933.	28.2	31.	5.6
62	14:25:10	737.	22.2	929.	28.4	32.	5.8
63	14:25:20	768.	21.7	926.	28.2	32.	5.6
64	14:25:30	795.	21.4	923.	28.2	32.	5.5
65	14:25:40	820.	21.2	921.	28.2	32.	5.5
66	14:25:50	844.	20.9	918.	28.2	32.	5.4
67	14:26: 0	865.	20.9	916.	28.4	32.	5.4
68	14:26:10	885.	20.9	914.	28.6	31.	5.3
69	14:26:20	910.	20.8	911.	28.7	31.	5.2
70	14:26:30	923.	20.6	910.	28.7	31.	5.2

ADD 5 HOURS TO ABOVE TIMES

SITE 19. S.F. BAY
19 OCT 1976
19 2-19 9 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
15	19: 4:20	84.	19.5	1003.	19.2	48.	6.8
14	19: 4:10	98.	19.6	1001.	19.5	47.	6.7
13	19: 4: 0	112.	19.9	1000.	19.9	45.	6.6
12	19: 3:50	123.	20.4	999.	20.5	43.	6.5
11	19: 3:40	144.	20.9	996.	21.2	41.	6.4
10	19: 3:30	169.	20.8	993.	21.4	41.	6.4
9	19: 3:20	190.	21.1	991.	21.9	41.	6.5
8	19: 3:10	210.	22.1	988.	23.1	39.	6.6
7	19: 3: 0	226.	22.7	987.	23.8	37.	6.5
6	19: 2:50	244.	22.9	985.	24.2	39.	7.0
5	19: 2:40	267.	23.2	982.	24.7	35.	6.4
4	19: 2:30	285.	23.0	980.	24.7	35.	6.3
3	19: 2:20	298.	22.9	978.	24.7	35.	6.3
2	19: 2:10	320.	22.7	976.	24.8	35.	6.2
1	19: 2: 0	338.	22.5	974.	24.7	35.	6.2

SITE 19. S.F. BAY
19 OCT 1976
19 2-19 9 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
16	19: 4:30	79.	19.7	1004.	19.4	46.	6.6
17	19: 4:40	79.	20.0	1004.	19.7	46.	6.7
18	19: 4:50	83.	20.0	1003.	19.7	46.	6.7
19	19: 5: 0	89.	20.0	1002.	19.8	45.	6.6
20	19: 5:10	104.	20.0	1001.	19.9	46.	6.8
21	19: 5:20	123.	20.0	999.	20.1	46.	6.8
22	19: 5:30	148.	20.3	996.	20.7	46.	6.9
23	19: 5:40	179.	20.2	992.	20.9	46.	6.9
24	19: 5:50	211.	21.2	988.	22.2	43.	6.9
25	19: 6: 0	243.	22.2	985.	23.5	43.	7.4
26	19: 6:10	276.	22.6	981.	24.2	38.	6.7
27	19: 6:20	295.	22.6	979.	24.4	36.	6.3
28	19: 6:30	296.	22.7	979.	24.5	35.	6.2
29	19: 6:40	292.	22.9	979.	24.7	35.	6.3
30	19: 6:50	315.	22.7	976.	24.7	35.	6.2
31	19: 7: 0	344.	22.5	973.	24.8	35.	6.2
32	19: 7:10	381.	22.2	969.	24.9	35.	6.1
33	19: 7:20	419.	22.0	965.	25.0	35.	6.0
34	19: 7:30	456.	22.0	961.	25.4	37.	6.4
35	19: 7:40	488.	21.9	957.	25.6	39.	6.7
36	19: 7:50	520.	22.2	954.	26.2	37.	6.5
37	19: 8: 0	555.	22.2	950.	26.6	37.	6.6
38	19: 8:10	585.	22.4	946.	27.1	33.	5.9
39	19: 8:20	618.	22.2	943.	27.2	32.	5.7
40	19: 8:30	651.	22.0	939.	27.3	31.	5.5
41	19: 8:40	696.	21.9	934.	27.7	30.	5.3
42	19: 8:50	737.	21.9	930.	28.1	30.	5.3
43	19: 9: 0	764.	22.0	927.	28.5	30.	5.4
44	19: 9:10	797.	21.8	923.	28.6	30.	5.3
45	19: 9:20	824.	21.5	921.	28.6	30.	5.2
46	19: 9:30	850.	21.3	918.	28.6	31.	5.4
47	19: 9:40	875.	21.2	915.	28.8	31.	5.4
48	19: 9:50	891.	21.2	913.	28.9	31.	5.4

SITE 2. MARTINEZ UTMX= 579.
21 OCT 1976 UTMY=4208.
1414-1341 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
16	14:16:30	685.	22.8	936.	28.4	44.	8.2
15	14:16:20	706.	22.7	934.	28.5	44.	8.2
14	14:16:10	716.	22.8	933.	28.7	44.	8.3
13	14:16: 0	737.	22.6	930.	28.8	44.	8.2
12	14:15:50	745.	22.6	930.	28.8	44.	8.2
11	14:15:40	754.	22.7	929.	29.0	44.	8.2
10	14:15:30	784.	22.4	925.	29.0	44.	8.1
9	14:15:20	809.	22.2	923.	29.1	44.	8.0
8	14:15:10	812.	22.2	922.	29.1	44.	8.0
7	14:15: 0	814.	22.3	922.	29.2	44.	8.1
6	14:14:50	808.	22.3	923.	29.2	44.	8.1
5	14:14:40	750.	22.5	929.	28.8	44.	8.1
4	14:14:30	735.	22.5	931.	28.6	43.	7.9
3	14:14:20	698.	22.7	935.	28.5	44.	8.2
2	14:14:10	658.	23.1	939.	28.5	44.	8.3
1	14:14: 0	625.	23.5	943.	28.6	43.	8.3
45	14:21:20	30.	25.2	1010.	24.4	51.	10.2
46	14:21:30	37.	24.9	1009.	24.2	51.	10.1
47	14:21:40	68.	24.3	1005.	23.9	50.	9.5
48	14:21:50	94.	24.2	1002.	24.0	50.	9.5
49	14:22: 0	107.	23.8	1001.	23.7	50.	9.3
50	14:22:10	125.	23.4	999.	23.5	49.	8.9
51	14:22:20	142.	23.5	997.	23.8	50.	9.2
52	14:22:30	157.	23.8	995.	24.2	51.	9.5
53	14:22:40	181.	23.5	992.	24.2	51.	9.4

SITE 2. MARTINEZ UTMX= 579.
21 OCT 1976 UTMY=4208.
1414-1341 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
44	14:21:10	52.	25.0	1007.	24.4	51.	10.1
43	14:21: 0	96.	24.1	1002.	23.9	51.	9.7
42	14:20:50	115.	24.1	1000.	24.1	51.	9.7
41	14:20:40	130.	23.8	998.	24.0	52.	9.7
40	14:20:30	146.	23.7	996.	24.0	51.	9.5
39	14:20:20	170.	23.5	993.	24.1	52.	9.6
38	14:20:10	207.	23.1	989.	24.0	52.	9.4
37	14:20: 0	251.	23.0	984.	24.4	53.	9.6
36	14:19:50	270.	23.7	982.	25.2	51.	9.6
35	14:19:40	292.	23.9	979.	25.7	46.	8.8
34	14:19:30	315.	24.0	977.	26.0	44.	8.5
33	14:19:20	337.	23.8	974.	26.0	46.	8.8
32	14:19:10	370.	23.3	971.	25.8	49.	9.1
31	14:19: 0	394.	23.2	968.	26.0	50.	9.3
30	14:18:50	424.	23.7	965.	26.8	48.	9.2
29	14:18:40	452.	24.3	962.	27.6	45.	9.0
28	14:18:30	473.	24.2	959.	27.8	44.	8.7
27	14:18:20	498.	23.8	957.	27.6	44.	8.6
26	14:18:10	528.	23.6	953.	27.7	44.	8.5
25	14:18: 0	553.	23.8	950.	28.1	44.	8.6
24	14:17:50	579.	23.7	948.	28.3	44.	8.6
23	14:17:40	604.	23.5	945.	28.3	44.	8.5
22	14:17:30	617.	23.3	943.	28.3	44.	8.4
21	14:17:20	619.	23.2	943.	28.2	44.	8.4
20	14:17:10	619.	23.3	943.	28.3	44.	8.4
19	14:17: 0	628.	23.4	942.	28.5	44.	8.5
18	14:16:50	650.	23.2	940.	28.5	44.	8.4
17	14:16:40	665.	23.0	938.	28.4	44.	8.3

SITE 3. ANTIOCH UTMX= 608.
21 OCT 1976 UTMY=4207.
1237-1252 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
20	12:40:50	675.	21.6	937.	27.1	43.	7.5
19	12:40:40	709.	21.5	933.	27.4	43.	7.4
18	12:40:30	729.	21.7	931.	27.8	43.	7.5
17	12:40:20	748.	21.6	929.	27.9	43.	7.5
16	12:40:10	765.	21.4	927.	27.8	42.	7.3
15	12:40: 0	767.	21.2	927.	27.7	43.	7.4
14	12:39:50	779.	21.1	926.	27.7	42.	7.1
13	12:39:40	779.	21.1	926.	27.7	43.	7.3
12	12:39:30	793.	21.1	924.	27.8	42.	7.2
11	12:39:20	816.	20.9	922.	27.8	42.	7.1
10	12:39:10	802.	21.1	923.	27.9	42.	7.2
9	12:39: 0	795.	21.1	924.	27.8	42.	7.2
8	12:38:50	792.	21.3	924.	28.0	43.	7.4
7	12:38:40	792.	21.5	924.	28.2	42.	7.3
6	12:38:30	805.	21.2	923.	28.0	42.	7.2
5	12:38:20	802.	21.3	923.	28.1	42.	7.3
4	12:38:10	811.	21.1	922.	28.0	42.	7.2
3	12:38: 0	805.	21.1	923.	27.9	42.	7.2
2	12:37:50	799.	21.1	923.	27.9	42.	7.2
1	12:37:40	795.	20.9	924.	27.6	42.	7.1

SITE 3. ANTIOCH UTMX= 608.
21 OCT 1976 UTMY=4207.
1237-1252 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
48	12:45:30	49.	23.4	1007.	22.8	49.	8.8
47	12:45:20	82.	22.9	1003.	22.6	48.	8.4
46	12:45:10	106.	22.5	1001.	22.4	50.	8.6
45	12:45: 0	114.	22.6	1000.	22.6	50.	8.6
44	12:44:50	129.	22.3	998.	22.5	50.	8.5
43	12:44:40	141.	22.5	997.	22.8	47.	8.1
42	12:44:30	164.	22.1	994.	22.6	49.	8.3
41	12:44:20	172.	22.2	993.	22.8	48.	8.2
40	12:44:10	189.	22.2	991.	23.0	47.	8.0
39	12:44: 0	210.	22.2	989.	23.2	46.	7.8
38	12:43:50	231.	21.8	986.	23.0	48.	8.0
37	12:43:40	254.	21.8	984.	23.2	48.	8.0
36	12:43:30	275.	21.8	981.	23.4	46.	7.7
35	12:43:20	294.	21.5	979.	23.3	45.	7.4
34	12:43:10	310.	21.6	977.	23.5	45.	7.5
33	12:43: 0	334.	21.6	975.	23.8	44.	7.3
32	12:42:50	364.	21.7	971.	24.2	44.	7.4
31	12:42:40	390.	21.9	968.	24.6	44.	7.5
30	12:42:30	411.	21.8	966.	24.7	44.	7.5
29	12:42:20	427.	22.0	964.	25.1	44.	7.6
28	12:42:10	455.	22.0	961.	25.4	43.	7.4
27	12:42: 0	481.	22.0	958.	25.6	43.	7.5
26	12:41:50	490.	22.1	957.	25.8	43.	7.5
25	12:41:40	521.	22.3	954.	26.3	43.	7.6
24	12:41:30	554.	22.6	950.	27.0	43.	7.8
23	12:41:20	578.	22.3	947.	26.9	43.	7.7
22	12:41:10	613.	22.0	944.	26.9	43.	7.6
21	12:41: 0	647.	21.8	940.	27.1	43.	7.5

SITE 3. ANTIOCH UTMX= 608.
21 OCT 1976 UTMY=4207.
1237-1252 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
49	12:45:40	22.	24.0	1010.	23.1	49.	9.1
50	12:45:50	52.	23.5	1007.	22.9	48.	8.7
51	12:46: 0	81.	23.1	1004.	22.8	49.	8.7
52	12:46:10	96.	23.2	1002.	23.0	49.	8.8
53	12:46:20	113.	23.1	1000.	23.1	48.	8.6
54	12:46:30	127.	22.9	998.	23.0	47.	8.3
55	12:46:40	149.	22.6	996.	23.0	48.	8.3
56	12:46:50	171.	22.3	993.	22.9	49.	8.4
57	12:47: 0	187.	22.2	991.	22.9	47.	8.0
58	12:47:10	206.	22.1	989.	23.0	48.	8.1
59	12:47:20	232.	21.6	986.	22.8	47.	7.7
60	12:47:30	240.	22.0	985.	23.3	47.	7.9
61	12:47:40	255.	21.8	984.	23.2	47.	7.9
62	12:47:50	267.	21.9	982.	23.4	46.	7.7
63	12:48: 0	292.	21.6	979.	23.4	46.	7.6
64	12:48:10	307.	21.5	978.	23.4	46.	7.6
65	12:48:20	321.	21.3	976.	23.3	46.	7.5
66	12:48:30	335.	21.3	974.	23.5	45.	7.4
67	12:48:40	352.	21.5	973.	23.9	44.	7.3
68	12:48:50	379.	21.8	970.	24.4	45.	7.6
69	12:49: 0	406.	21.6	966.	24.5	46.	7.7
70	12:49:10	430.	21.8	964.	24.9	44.	7.5
71	12:49:20	452.	21.8	961.	25.1	44.	7.5
72	12:49:30	477.	21.8	959.	25.4	44.	7.5
73	12:49:40	492.	21.8	957.	25.5	44.	7.6
74	12:49:50	498.	22.0	956.	25.8	44.	7.7
75	12:50: 0	519.	22.3	954.	26.3	44.	7.8
76	12:50:10	540.	22.5	952.	26.7	44.	7.9
77	12:50:20	560.	22.7	949.	27.1	44.	8.1
78	12:50:30	589.	22.6	946.	27.3	43.	7.8
79	12:50:40	622.	22.1	943.	27.1	43.	7.6
80	12:50:50	645.	21.8	940.	27.1	43.	7.5
81	12:51: 0	665.	21.8	938.	27.3	43.	7.5
82	12:51:10	698.	21.6	934.	27.4	43.	7.5
83	12:51:20	732.	21.5	931.	27.6	43.	7.5
84	12:51:30	765.	21.4	927.	27.8	43.	7.4
85	12:51:40	784.	21.4	925.	28.0	43.	7.5
86	12:51:50	804.	21.3	923.	28.1	43.	7.4
87	12:52: 0	818.	21.7	921.	28.7	43.	7.6
88	12:52:10	818.	21.8	921.	28.8	43.	7.7

SITE 14. SAN PABLO BAY
21 OCT 1976
1323-1334 PDT SODAR HT.= 0. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
33	13:28:20	36.	20.9	1009.	20.2	60.	9.3
32	13:28:10	69.	20.7	1005.	20.3	59.	9.0
31	13:28: 0	115.	20.4	1000.	20.4	58.	8.8
30	13:27:50	149.	20.2	996.	20.6	56.	8.4
29	13:27:40	181.	20.9	992.	21.6	54.	8.5
28	13:27:30	211.	22.0	988.	23.0	47.	7.9
27	13:27:20	261.	22.3	983.	23.8	44.	7.6
26	13:27:10	285.	22.5	980.	24.2	44.	7.7
25	13:27: 0	307.	23.1	977.	25.0	44.	8.0
24	13:26:50	347.	23.4	973.	25.7	43.	8.0
23	13:26:40	398.	23.4	967.	26.2	43.	8.1
22	13:26:30	438.	23.6	963.	26.8	42.	8.0
16	13:26:10	496.	23.5	956.	27.3	43.	8.2
15	13:26: 0	529.	23.6	953.	27.7	42.	8.1
14	13:25:50	563.	23.4	949.	27.9	42.	8.0
13	13:25:40	599.	23.1	945.	27.9	43.	8.1
12	13:25:30	657.	22.7	939.	28.1	43.	8.0
11	13:25:20	684.	22.5	936.	28.2	43.	7.9
10	13:25:10	700.	22.4	934.	28.2	43.	7.9
9	13:25: 0	715.	22.3	932.	28.3	43.	7.8
8	13:24:50	731.	22.4	931.	28.5	43.	7.9
7	13:24:40	743.	22.3	929.	28.5	43.	7.8
6	13:24:30	795.	22.0	924.	28.8	43.	7.7
5	13:24:20	823.	21.7	921.	28.7	43.	7.6
4	13:24:10	853.	21.6	918.	28.9	43.	7.6
3	13:24: 0	884.	21.4	914.	29.0	43.	7.5
2	13:23:50	884.	21.3	914.	28.9	43.	7.5
1	13:23:40	890.	21.3	914.	29.0	43.	7.5

SITE 14. SAN PABLO BAY
21 OCT 1976
1323-1334 PDT SODAR HT.= 0. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
34	13:28:30	24.	20.9	1010.	20.1	61.	9.4
35	13:28:40	37.	20.7	1009.	20.0	60.	9.2
36	13:28:50	45.	20.9	1008.	20.3	60.	9.3
37	13:29: 0	56.	21.1	1006.	20.6	60.	9.4
38	13:29:10	72.	21.1	1005.	20.7	60.	9.4
39	13:29:20	94.	20.9	1002.	20.7	60.	9.3
40	13:29:30	123.	20.5	999.	20.6	61.	9.3
41	13:29:40	137.	20.4	997.	20.7	61.	9.3
42	13:29:50	155.	20.2	995.	20.6	61.	9.2
43	13:30: 0	183.	20.1	992.	20.8	60.	9.0
44	13:30:10	212.	20.6	988.	21.6	54.	8.4
45	13:30:20	246.	21.9	984.	23.2	47.	7.9
46	13:30:30	275.	22.4	981.	24.0	47.	8.2
47	13:30:40	299.	22.2	978.	24.1	47.	8.1
48	13:30:50	318.	22.0	976.	24.0	46.	7.8
49	13:31: 0	340.	22.3	974.	24.6	45.	7.8
50	13:31:10	370.	22.7	970.	25.3	44.	7.9
51	13:31:20	410.	23.0	966.	26.0	43.	7.9
52	13:31:30	444.	23.3	962.	26.6	42.	7.9
53	13:31:40	472.	23.4	959.	27.0	43.	8.1
54	13:31:50	504.	23.4	955.	27.3	42.	8.0
55	13:32: 0	527.	23.2	953.	27.3	43.	8.1
56	13:32:10	553.	23.0	950.	27.4	43.	8.0
57	13:32:20	583.	22.9	947.	27.6	43.	8.0
58	13:32:30	602.	22.9	945.	27.8	43.	8.0
59	13:32:40	626.	22.9	942.	28.0	43.	8.0
60	13:32:50	664.	22.7	938.	28.2	43.	8.0
61	13:33: 0	692.	22.6	935.	28.3	43.	7.9
62	13:33:10	725.	22.5	931.	28.6	44.	8.1
63	13:33:20	750.	22.2	929.	28.5	43.	7.8
64	13:33:30	767.	22.1	927.	28.6	44.	8.0
65	13:33:40	772.	22.3	926.	28.8	43.	7.9
66	13:33:50	804.	22.0	923.	28.8	44.	7.9
67	13:34: 0	808.	22.1	922.	29.0	44.	8.0

SITE 15. COLLINSVILLE UTMX= 601.
21 OCT 1976 UTMY=4215.
1253-1312 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
29	12:58:20	467.	22.0	960.	25.5	44.	7.6
28	12:58:10	479.	22.1	959.	25.7	44.	7.7
27	12:58: 0	489.	22.1	957.	25.8	44.	7.7
26	12:57:50	520.	21.2	954.	25.2	45.	7.5
25	12:57:40	536.	21.8	952.	26.0	45.	7.8
24	12:57:30	545.	22.3	951.	26.6	44.	7.8
23	12:57:20	566.	22.4	949.	26.9	44.	7.9
22	12:57:10	583.	22.5	947.	27.1	44.	8.0
21	12:57: 0	597.	22.5	946.	27.3	44.	8.0
20	12:56:50	612.	22.4	944.	27.3	44.	8.0
19	12:56:40	627.	22.3	942.	27.4	43.	7.7
18	12:56:30	638.	22.1	941.	27.3	43.	7.7
17	12:56:20	653.	22.0	939.	27.3	43.	7.6
16	12:56:10	685.	21.9	936.	27.5	43.	7.6
15	12:56: 0	703.	22.0	934.	27.8	43.	7.7
14	12:55:50	713.	21.9	933.	27.8	43.	7.6
13	12:55:40	734.	21.7	931.	27.8	43.	7.6
12	12:55:30	736.	21.8	930.	27.9	43.	7.6
11	12:55:20	745.	21.9	929.	28.1	43.	7.7
10	12:55:10	757.	21.9	928.	28.3	43.	7.7
9	12:55: 0	786.	21.6	925.	28.2	43.	7.6
8	12:54:50	791.	21.7	924.	28.4	43.	7.6
7	12:54:40	799.	21.6	924.	28.4	44.	7.7
6	12:54:30	808.	21.8	923.	28.7	43.	7.7
5	12:54:20	814.	21.6	922.	28.5	43.	7.6
4	12:54:10	817.	21.6	922.	28.5	43.	7.6
3	12:54: 0	814.	21.7	922.	28.6	43.	7.6
2	12:53:50	814.	21.6	922.	28.5	43.	7.6
1	12:53:40	820.	21.7	921.	28.7	43.	7.6

SITE 15. COLLINSVILLE UTMX= 601.
21 OCT 1976 UTMY=4215.
1253-1312 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
58	13: 3:10	18.	24.5	1011.	23.6	50.	9.6
57	13: 3: 0	24.	24.0	1010.	23.1	50.	9.3
56	13: 2:50	37.	23.6	1009.	22.9	49.	8.9
55	13: 2:40	37.	23.4	1009.	22.7	49.	8.8
54	13: 2:30	37.	23.7	1009.	23.0	49.	9.0
53	13: 2:20	42.	23.7	1008.	23.0	50.	9.2
52	13: 2:10	49.	23.9	1007.	23.3	48.	8.9
51	13: 2: 0	61.	24.3	1006.	23.8	48.	9.1
50	13: 1:50	70.	24.2	1005.	23.8	48.	9.1
49	13: 1:40	89.	24.6	1003.	24.4	48.	9.3
48	13: 1:30	101.	25.0	1001.	24.9	47.	9.4
47	13: 1:20	135.	24.2	997.	24.4	48.	9.2
46	13: 1:10	170.	23.9	993.	24.5	47.	8.9
45	13: 1: 0	194.	23.7	991.	24.5	47.	8.8
44	13: 0:50	221.	23.4	988.	24.5	46.	8.5
43	13: 0:40	225.	23.5	987.	24.6	46.	8.5
42	13: 0:30	235.	23.4	986.	24.6	47.	8.7
41	13: 0:20	252.	23.5	984.	24.9	46.	8.5
40	13: 0:10	269.	23.4	982.	24.9	46.	8.5
39	13: 0: 0	287.	23.1	980.	24.8	46.	8.4
38	12:59:50	297.	23.1	979.	24.9	46.	8.4
37	12:59:40	319.	22.9	976.	24.9	46.	8.3
36	12:59:30	335.	22.7	975.	24.9	46.	8.2
35	12:59:20	357.	22.4	972.	24.8	46.	8.1
34	12:59:10	375.	22.6	970.	25.2	45.	8.0
33	12:59: 0	397.	21.9	968.	24.7	46.	7.9
32	12:58:50	418.	21.6	965.	24.6	46.	7.7
31	12:58:40	436.	22.0	963.	25.2	46.	8.0
30	12:58:30	451.	21.9	962.	25.2	45.	7.7

SITE 15. COLLINSVILLE UTMX= 601.
21 OCT 1976 UTMY=4215.
1253-1312 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
59	13: 3:20	15.	24.5	1011.	23.5	49.	9.4
60	13: 3:30	18.	24.6	1011.	23.7	50.	9.7
61	13: 3:40	28.	24.0	1010.	23.2	49.	9.1
62	13: 3:50	50.	23.8	1007.	23.2	49.	9.1
63	13: 4: 0	79.	23.9	1004.	23.6	49.	9.1
64	13: 4:10	112.	24.0	1000.	24.0	48.	9.0
65	13: 4:20	116.	24.1	1000.	24.1	48.	9.1
66	13: 4:30	121.	24.1	999.	24.2	48.	9.1
67	13: 4:40	117.	24.1	999.	24.1	48.	9.1
68	13: 4:50	107.	24.1	1001.	24.0	48.	9.1
69	13: 5: 0	97.	24.2	1002.	24.1	48.	9.1
70	13: 5:10	97.	23.9	1002.	23.8	48.	9.0
71	13: 5:20	111.	23.9	1000.	23.9	48.	9.0
72	13: 5:30	116.	23.9	1000.	23.9	48.	9.0
73	13: 5:40	125.	24.0	999.	24.1	48.	9.1
74	13: 5:50	138.	23.9	997.	24.2	48.	9.0
75	13: 6: 0	150.	23.8	996.	24.2	48.	9.0
76	13: 6:10	161.	24.0	994.	24.5	48.	9.1
77	13: 6:20	174.	24.0	993.	24.6	48.	9.1
78	13: 6:30	190.	24.0	991.	24.8	48.	9.1
79	13: 6:40	207.	24.2	989.	25.1	46.	8.9
80	13: 6:50	216.	24.1	988.	25.1	46.	8.8
81	13: 7: 0	241.	23.9	985.	25.2	46.	8.7
82	13: 7:10	250.	23.7	984.	25.0	47.	8.8
83	13: 7:20	260.	23.4	983.	24.8	47.	8.7
84	13: 7:30	271.	23.6	982.	25.2	46.	8.6
85	13: 7:40	290.	23.6	980.	25.3	46.	8.6
86	13: 7:50	310.	23.3	977.	25.2	46.	8.5
87	13: 8: 0	323.	23.2	976.	25.3	46.	8.4

SITE 15. COLLINSVILLE UTMX= 601.
21 OCT 1976 UTMY=4215.
1253-1312 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
88	13: 8:10	347.	22.9	973.	25.2	46.	8.3
89	13: 8:20	372.	22.8	970.	25.3	46.	8.3
90	13: 8:30	400.	22.5	967.	25.3	47.	8.3
91	13: 8:40	424.	22.1	965.	25.1	46.	8.0
92	13: 8:50	425.	22.6	965.	25.7	45.	8.1
93	13: 9: 0	454.	22.3	961.	25.6	45.	7.9
94	13: 9:10	475.	22.2	959.	25.8	45.	7.9
95	13: 9:20	503.	22.4	956.	26.2	44.	7.9
96	13: 9:30	529.	22.2	953.	26.3	44.	7.8
102	13: 9:50	559.	22.8	950.	27.2	44.	8.1
103	13:10: 0	581.	22.9	947.	27.5	44.	8.2
104	13:10:10	608.	22.7	944.	27.6	44.	8.1
105	13:10:20	636.	22.4	941.	27.6	44.	8.0
106	13:10:30	653.	22.3	939.	27.6	44.	7.9
107	13:10:40	663.	22.4	938.	27.8	44.	8.0
108	13:10:50	685.	22.5	936.	28.1	44.	8.1
109	13:11: 0	714.	22.3	933.	28.2	44.	8.0
110	13:11:10	745.	22.2	929.	28.4	44.	8.0
111	13:11:20	772.	22.2	927.	28.7	44.	8.0
112	13:11:30	805.	21.9	923.	28.7	44.	7.9
113	13:11:40	823.	21.6	921.	28.6	44.	7.8
114	13:11:50	835.	21.7	920.	28.8	44.	7.8
115	13:12: 0	847.	21.5	919.	28.7	44.	7.7
116	13:12:10	835.	22.1	920.	29.2	44.	8.0

SITE 2. MARTINEZ UTMX= 579.
22 OCT 1976 UTMY=4208.
9 7- 913 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
1	9: 7: 0	158.	14.7	994.	15.2	89.	9.5
2	9: 7:10	167.	14.6	993.	15.2	89.	9.4
3	9: 7:20	177.	14.5	992.	15.2	89.	9.4
4	9: 7:30	182.	14.6	991.	15.3	89.	9.4
10	9: 7:50	213.	14.2	988.	15.2	90.	9.3
11	9: 8: 0	222.	14.4	986.	15.5	91.	9.6
12	9: 8:10	234.	14.3	985.	15.5	91.	9.5
13	9: 8:20	253.	14.4	983.	15.8	91.	9.6
14	9: 8:30	281.	14.0	980.	15.7	91.	9.4
15	9: 8:40	297.	13.6	978.	15.5	91.	9.1
16	9: 8:50	301.	13.5	977.	15.4	91.	9.1
17	9: 9: 0	314.	13.5	976.	15.5	91.	9.1
18	9: 9:10	323.	13.5	975.	15.6	93.	9.3
19	9: 9:20	338.	13.2	973.	15.5	94.	9.3
20	9: 9:30	353.	13.3	971.	15.7	93.	9.2
21	9: 9:40	368.	13.2	969.	15.8	93.	9.2
22	9: 9:50	401.	13.3	966.	16.2	91.	9.1
23	9:10: 0	420.	13.3	963.	16.4	89.	8.9
24	9:10:10	437.	13.5	961.	16.7	88.	8.9
25	9:10:20	458.	14.4	959.	17.9	83.	9.0
26	9:10:30	474.	14.4	957.	18.0	82.	8.9
27	9:10:40	483.	13.4	956.	17.1	86.	8.7
28	9:10:50	523.	13.8	952.	17.9	82.	8.6
29	9:11: 0	548.	14.1	949.	18.4	80.	8.6
30	9:11:10	561.	15.8	947.	20.3	77.	9.2
31	9:11:20	588.	17.6	944.	22.4	75.	10.1
32	9:11:30	621.	16.8	941.	21.9	75.	9.6
33	9:11:40	639.	17.4	939.	22.7	74.	9.9
34	9:11:50	655.	18.5	937.	24.0	73.	10.5
35	9:12: 0	690.	17.5	933.	23.3	74.	10.0
36	9:12:10	723.	17.7	929.	23.8	73.	10.1
37	9:12:20	761.	18.1	925.	24.6	73.	10.4
38	9:12:30	777.	18.1	924.	24.8	73.	10.4
39	9:12:40	781.	17.9	923.	24.6	72.	10.1
40	9:12:50	798.	17.9	921.	24.8	72.	10.1
41	9:13: 0	820.	18.0	919.	25.1	73.	10.4
42	9:13:10	839.	17.8	917.	25.1	73.	10.3
43	9:13:20	827.	16.9	918.	24.1	73.	9.7
44	9:13:30	810.	17.0	920.	24.0	73.	9.7

SITE 3. ANTIOCH UTMX= 608.
22 OCT 1976 UTMY=4207.
825- 837 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
77	8:37:30	12.	16.3	1012.	15.4	91.	10.5
76	8:37:20	25.	16.0	1010.	15.2	91.	10.4
75	8:37:10	62.	15.5	1006.	15.0	90.	10.0
74	8:37: 0	103.	15.0	1001.	14.9	90.	9.7
73	8:36:50	126.	14.7	998.	14.9	88.	9.3
72	8:36:40	136.	14.7	997.	15.0	87.	9.2
71	8:36:30	165.	14.7	993.	15.2	87.	9.2
70	8:36:20	201.	15.3	989.	16.2	83.	9.2
69	8:36:10	236.	15.6	985.	16.8	80.	9.1
68	8:36: 0	263.	15.0	982.	16.5	80.	8.8
67	8:35:50	285.	14.8	979.	16.5	80.	8.7
66	8:35:40	308.	14.8	977.	16.8	79.	8.6
65	8:35:30	335.	14.7	974.	16.9	78.	8.4
64	8:35:20	358.	14.7	971.	17.1	77.	8.4
63	8:35:10	406.	15.1	965.	18.0	76.	8.5
62	8:35: 0	431.	15.2	962.	18.4	75.	8.5
61	8:34:50	458.	17.6	959.	21.1	73.	9.7
60	8:34:40	482.	18.4	957.	22.1	73.	10.2
59	8:34:30	492.	18.5	956.	22.3	73.	10.3
58	8:34:20	541.	17.9	950.	22.2	73.	10.0
57	8:34:10	591.	18.1	945.	22.9	72.	10.0
56	8:34: 0	617.	18.5	942.	23.6	72.	10.3
55	8:33:50	664.	18.5	936.	24.0	72.	10.4
54	8:33:40	710.	18.4	931.	24.4	72.	10.3
53	8:33:30	744.	18.4	928.	24.7	72.	10.4
52	8:33:20	759.	18.7	926.	25.2	72.	10.6
51	8:33:10	801.	18.3	921.	25.2	73.	10.5
50	8:33: 0	811.	18.1	920.	25.1	72.	10.3
49	8:32:50	805.	18.3	921.	25.2	73.	10.5
48	8:32:40	806.	17.8	921.	24.7	72.	10.1
47	8:32:30	793.	17.8	922.	24.6	72.	10.1
46	8:32:20	770.	18.3	925.	24.9	72.	10.4
45	8:32:10	766.	18.2	925.	24.7	72.	10.3
44	8:32: 0	767.	18.2	925.	24.7	72.	10.3
43	8:31:50	769.	18.1	925.	24.7	72.	10.2
42	8:31:40	771.	17.8	925.	24.4	72.	10.0
41	8:31:30	783.	17.7	923.	24.4	72.	10.0
40	8:31:20	789.	17.7	923.	24.5	72.	10.0

SITE 3. ANTIOCH UTMX= 608.
22 OCT 1976 UTMY=4207.
825- 837 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
39	8:31:10	797.	17.7	922.	24.5	72.	10.0
38	8:31: 0	805.	17.6	921.	24.5	72.	9.9
37	8:30:50	813.	17.5	920.	24.5	72.	9.9
36	8:30:40	817.	17.7	920.	24.7	72.	10.0
35	8:30:30	798.	17.8	922.	24.6	72.	10.1
34	8:30:20	785.	17.9	923.	24.6	72.	10.1
33	8:30:10	769.	17.8	925.	24.4	72.	10.0
32	8:30: 0	735.	17.9	929.	24.1	72.	10.1
31	8:29:50	706.	18.1	932.	24.0	72.	10.1
30	8:29:40	686.	18.3	934.	24.0	72.	10.3
29	8:29:30	672.	18.1	936.	23.7	72.	10.1
28	8:29:20	655.	18.2	937.	23.6	72.	10.1
27	8:29:10	627.	18.3	940.	23.5	72.	10.2
26	8:29: 0	605.	18.2	943.	23.1	72.	10.1
25	8:28:50	580.	18.3	946.	23.0	73.	10.3
24	8:28:40	557.	18.2	948.	22.7	73.	10.2
23	8:28:30	532.	18.2	951.	22.4	73.	10.1
22	8:28:20	507.	17.8	954.	21.8	73.	9.9
21	8:28:10	493.	17.7	955.	21.5	73.	9.8
16	8:28: 0	462.	17.7	959.	21.2	74.	9.9
15	8:27:50	429.	17.8	963.	21.0	74.	9.9
14	8:27:40	400.	17.8	966.	20.7	74.	9.9
13	8:27:30	368.	17.8	969.	20.4	74.	9.8
12	8:27:20	342.	17.6	972.	19.9	75.	9.8
11	8:27:10	320.	17.1	975.	19.2	75.	9.5
10	8:27: 0	301.	16.8	977.	18.7	76.	9.4
9	8:26:50	285.	16.6	979.	18.4	76.	9.3
8	8:26:40	273.	16.5	980.	18.1	76.	9.2
7	8:26:30	250.	16.3	983.	17.7	77.	9.2
6	8:26:20	229.	16.5	985.	17.7	77.	9.3
5	8:26:10	201.	16.7	989.	17.6	77.	9.3
4	8:26: 0	178.	15.9	991.	16.6	79.	9.1
3	8:25:50	147.	15.5	995.	15.9	80.	8.9
2	8:25:40	127.	15.8	997.	16.0	80.	9.1
1	8:25:30	106.	15.9	1000.	15.9	80.	9.1

SITE 4. LIVERMORE UTMX= 616.
22 OCT 1976 UTMY=4173.
1037-1050 PDT SODAR HT.=186. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
1	10:37:40	342.	13.2	972.	15.6	96.	9.5
2	10:37:50	365.	12.8	969.	15.4	96.	9.2
3	10:38: 0	379.	12.7	967.	15.4	96.	9.2
4	10:38:10	401.	12.3	965.	15.2	97.	9.1
5	10:38:20	415.	12.3	963.	15.4	97.	9.1
6	10:38:30	434.	12.2	961.	15.5	98.	9.1
7	10:38:40	454.	12.0	959.	15.5	99.	9.1
8	10:38:50	475.	11.8	956.	15.5	99.	9.0
9	10:39: 0	492.	11.5	954.	15.3	99.	8.9
10	10:39:10	505.	11.4	953.	15.4	99.	8.8
11	10:39:20	510.	11.4	952.	15.4	99.	8.8
12	10:39:30	510.	11.5	952.	15.5	99.	8.9
13	10:39:40	526.	11.4	950.	15.6	99.	8.9
14	10:39:50	533.	11.3	950.	15.5	99.	8.8
15	10:40: 0	542.	11.4	949.	15.7	99.	8.9
16	10:40:10	572.	11.0	945.	15.6	99.	8.7
17	10:40:20	600.	10.9	942.	15.8	99.	8.6
18	10:40:30	623.	11.5	939.	16.6	98.	8.9
19	10:40:40	649.	15.3	937.	20.8	80.	9.4
20	10:40:50	666.	16.2	935.	21.8	77.	9.6
21	10:41: 0	687.	16.9	932.	22.8	75.	9.8
22	10:41:10	712.	17.1	930.	23.2	75.	9.9
23	10:41:20	730.	17.3	928.	23.6	74.	10.0
24	10:41:30	749.	17.3	926.	23.8	74.	10.0
25	10:41:40	757.	17.4	925.	24.0	74.	10.1
26	10:41:50	770.	17.4	923.	24.1	73.	9.9
27	10:42: 0	771.	17.4	923.	24.1	73.	9.9
28	10:42:10	786.	17.5	922.	24.4	73.	10.0
29	10:42:20	796.	17.6	920.	24.6	73.	10.1
30	10:42:30	797.	17.7	920.	24.7	73.	10.2
31	10:42:40	807.	17.7	919.	24.8	73.	10.2
32	10:42:50	810.	17.7	919.	24.8	73.	10.2
33	10:43: 0	819.	18.1	918.	25.3	73.	10.4
34	10:43:10	819.	18.2	918.	25.4	73.	10.5
35	10:43:20	811.	18.3	919.	25.4	73.	10.6
36	10:43:30	808.	18.1	919.	25.2	73.	10.4
37	10:43:40	799.	18.1	920.	25.1	73.	10.4
38	10:43:50	779.	18.3	922.	25.1	73.	10.5
39	10:44: 0	769.	18.2	923.	24.9	73.	10.5
40	10:44:10	741.	18.3	926.	24.7	73.	10.5

SITE 4. LIVERMORE UTMX= 616.
22 OCT 1976 UTMY=4173.
1037-1050 PDT SODAR HT.=186. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
41	10:44:20	711.	17.9	930.	24.0	73.	10.2
42	10:44:30	672.	17.1	934.	22.8	74.	9.8
43	10:44:40	638.	14.6	938.	19.9	78.	8.7
44	10:44:50	611.	13.0	941.	18.0	81.	8.1
45	10:45: 0	554.	12.5	947.	17.0	85.	8.2
46	10:45:10	497.	12.7	954.	16.6	88.	8.5
47	10:45:20	473.	13.0	956.	16.7	90.	8.9
48	10:45:30	464.	13.1	957.	16.7	92.	9.1
49	10:45:40	462.	13.0	958.	16.6	93.	9.2
50	10:45:50	449.	13.0	959.	16.4	94.	9.3
51	10:46: 0	435.	13.3	961.	16.6	95.	9.5
52	10:46:10	433.	13.5	961.	16.8	95.	9.7
53	10:46:20	434.	13.3	961.	16.6	95.	9.5
54	10:46:30	427.	13.3	962.	16.5	95.	9.5
55	10:46:40	419.	13.4	962.	16.6	95.	9.6
56	10:46:50	415.	13.3	963.	16.4	95.	9.5
57	10:47: 0	409.	13.6	964.	16.7	95.	9.7
58	10:47:10	408.	13.6	964.	16.6	95.	9.7
59	10:47:20	401.	13.6	964.	16.6	95.	9.7
60	10:47:30	396.	13.6	965.	16.5	95.	9.7
66	10:47:50	373.	13.6	968.	16.3	95.	9.7
67	10:48: 0	355.	13.7	970.	16.2	95.	9.7
68	10:48:10	353.	13.8	970.	16.3	95.	9.8
69	10:48:20	348.	13.8	971.	16.3	95.	9.8
70	10:48:30	347.	13.7	971.	16.1	95.	9.7
71	10:48:40	347.	13.8	971.	16.2	95.	9.8
72	10:48:50	346.	13.8	971.	16.2	95.	9.8
73	10:49: 0	349.	13.8	970.	16.3	95.	9.8
74	10:49:10	360.	13.7	969.	16.3	95.	9.7
75	10:49:20	355.	13.7	970.	16.2	95.	9.7
76	10:49:30	360.	13.7	969.	16.3	94.	9.6
77	10:49:40	366.	13.6	969.	16.2	95.	9.6
78	10:49:50	366.	13.6	969.	16.2	94.	9.5
79	10:50: 0	360.	13.8	969.	16.4	94.	9.7
80	10:50:10	359.	13.7	969.	16.3	94.	9.6

SITE 4. LIVERMORE UTMX= 616.
22 OCT 1976 UTMY=4173.
1319-1326 PDT SODAR HT.=186. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
1	13:19:40	195.	17.8	990.	18.7	87.	11.3
2	13:19:50	205.	17.5	989.	18.5	87.	11.1
3	13:20: 0	210.	17.4	988.	18.4	87.	11.1
4	13:20:10	219.	17.2	987.	18.3	87.	10.9
5	13:20:20	219.	17.2	987.	18.3	87.	10.9
6	13:20:30	228.	17.4	986.	18.6	87.	11.1
7	13:20:40	249.	16.9	984.	18.3	87.	10.8
8	13:20:50	248.	16.8	984.	18.2	87.	10.7
9	13:21: 0	246.	16.9	984.	18.2	87.	10.8
10	13:21:10	262.	16.9	982.	18.4	87.	10.8
11	13:21:20	268.	16.9	981.	18.5	87.	10.8
12	13:21:30	286.	16.9	979.	18.6	87.	10.8
13	13:21:40	291.	16.7	979.	18.5	87.	10.7
14	13:21:50	294.	16.8	978.	18.6	87.	10.8
16	13:22:10	341.	16.2	973.	18.5	87.	10.4
17	13:22:20	363.	16.0	970.	18.5	87.	10.3
18	13:22:30	388.	15.8	968.	18.5	87.	10.2
19	13:22:40	407.	15.5	965.	18.4	87.	10.0
20	13:22:50	427.	15.4	963.	18.5	87.	10.0
21	13:23: 0	533.	14.5	951.	18.7	80.	8.8
22	13:23:10	447.	15.1	961.	18.4	88.	9.9
23	13:23:20	461.	15.0	959.	18.5	88.	9.9
24	13:23:30	469.	14.9	958.	18.4	89.	9.9
25	13:23:40	658.	15.9	937.	21.4	79.	9.6
26	13:23:50	530.	14.2	951.	18.4	89.	9.6
27	13:24: 0	318.	8.2	975.	10.2	80.	5.6
29	13:24:50	623.	13.4	939.	18.6	93.	9.6
30	13:25: 0	633.	13.4	938.	18.7	93.	9.6
31	13:25:10	661.	13.3	935.	18.8	91.	9.4
32	13:25:20	685.	12.9	932.	18.7	92.	9.3
33	13:25:30	691.	13.3	932.	19.1	90.	9.3
34	13:25:40	713.	13.0	929.	19.1	91.	9.3
35	13:25:50	727.	13.9	928.	20.1	85.	9.2
36	13:26: 0	718.	14.3	929.	20.4	81.	9.0
37	13:26:10	756.	15.5	925.	22.0	79.	9.5
38	13:26:20	771.	16.1	923.	22.8	77.	9.6
39	13:26:30	789.	15.4	921.	22.3	81.	9.7
40	13:26:40	800.	16.0	920.	23.0	76.	9.5

SITE 11. EL CERRITO UTMX= 560.
22 OCT 1976 UTMY=4194.
925- 938 PDT SODAR HT.= 60. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
1	9:25:40	28.	15.5	1010.	14.7	96.	10.6
2	9:25:50	49.	15.2	1007.	14.6	96.	10.4
3	9:26: 0	78.	15.1	1004.	14.8	95.	10.3
4	9:26:10	114.	14.8	999.	14.9	96.	10.2
5	9:26:20	138.	14.3	997.	14.6	95.	9.8
6	9:26:30	153.	14.2	995.	14.6	95.	9.8
7	9:26:40	160.	14.2	994.	14.7	95.	9.8
8	9:26:50	181.	14.0	991.	14.7	95.	9.7
9	9:27: 0	205.	13.8	989.	14.7	96.	9.7
10	9:27:10	232.	13.5	985.	14.7	96.	9.5
11	9:27:20	255.	13.4	983.	14.8	96.	9.5
12	9:27:30	284.	13.1	979.	14.8	97.	9.4
13	9:27:40	306.	12.7	977.	14.6	98.	9.3
14	9:27:50	329.	12.5	974.	14.7	99.	9.3
15	9:28: 0	357.	12.2	971.	14.6	99.	9.1
16	9:28:10	381.	12.0	968.	14.7	99.	9.1
17	9:28:20	402.	11.9	966.	14.8	99.	9.0
18	9:28:30	438.	11.6	961.	14.8	99.	8.9
19	9:28:40	481.	11.3	956.	14.9	99.	8.7
20	9:28:50	523.	11.9	952.	16.0	96.	8.9
21	9:29: 0	566.	14.2	947.	18.7	84.	9.1
22	9:29:10	601.	14.7	943.	19.6	82.	9.2
23	9:29:20	618.	14.7	941.	19.8	80.	9.0
24	9:29:30	631.	15.1	939.	20.3	79.	9.1
25	9:29:40	650.	15.7	937.	21.1	78.	9.4
26	9:29:50	685.	16.2	933.	21.9	77.	9.6
27	9:30: 0	709.	16.7	931.	22.7	76.	9.8
28	9:30:10	733.	17.1	928.	23.3	75.	10.0
29	9:30:20	757.	17.2	926.	23.7	74.	9.9
30	9:30:30	775.	17.2	924.	23.9	74.	9.9
31	9:30:40	778.	17.3	923.	24.0	74.	10.0
32	9:30:50	784.	17.4	923.	24.2	74.	10.1
33	9:31: 0	802.	17.3	921.	24.2	74.	10.0
34	9:31:10	822.	17.2	919.	24.3	74.	10.0
35	9:31:20	836.	17.2	917.	24.5	74.	10.0
36	9:31:30	855.	17.4	915.	24.9	73.	10.0
37	9:31:40	853.	17.8	915.	25.3	73.	10.3
38	9:31:50	849.	18.2	916.	25.6	73.	10.5
39	9:32: 0	855.	18.4	915.	25.9	73.	10.7
40	9:32:10	850.	18.6	915.	26.1	73.	10.8

SITE 11. EL CERRITO UTMX= 560.
22 OCT 1976 UTMY=4194.
925- 938 PDT SODAR HT.= 60. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
41	9:32:20	844.	18.7	916.	26.1	73.	10.9
42	9:32:30	843.	18.8	916.	26.2	73.	10.9
43	9:32:40	833.	18.8	917.	26.1	73.	10.9
44	9:32:50	821.	18.6	919.	25.8	73.	10.8
45	9:33: 0	815.	18.4	919.	25.5	73.	10.6
46	9:33:10	814.	18.5	919.	25.6	73.	10.7
47	9:33:20	813.	18.8	919.	25.9	73.	10.9
48	9:33:30	810.	18.9	920.	26.0	73.	11.0
49	9:33:40	807.	18.8	920.	25.8	73.	10.9
52	9:34:10	806.	17.0	920.	24.0	74.	9.8
54	9:34:30	787.	18.4	922.	25.2	73.	10.6
55	9:34:40	777.	18.1	923.	24.8	73.	10.4
57	9:35: 0	774.	17.9	924.	24.6	73.	10.2
58	9:35:10	753.	18.1	926.	24.6	73.	10.4
59	9:35:20	737.	18.3	928.	24.6	73.	10.5
60	9:35:30	718.	17.9	930.	24.0	74.	10.3
61	9:35:40	708.	17.8	931.	23.8	74.	10.2
62	9:35:50	694.	18.7	932.	24.6	73.	10.7
63	9:36: 0	682.	18.7	934.	24.5	74.	10.8
64	9:36:10	660.	18.9	936.	24.5	74.	10.9
65	9:36:20	645.	18.0	938.	23.4	74.	10.3
66	9:36:30	628.	17.3	940.	22.5	75.	10.0
67	9:36:40	602.	17.4	942.	22.4	75.	10.0
68	9:36:50	573.	17.2	946.	21.9	75.	9.8
69	9:37: 0	553.	14.5	948.	18.9	79.	8.7
70	9:37:10	535.	14.9	950.	19.2	78.	8.8
71	9:37:20	508.	14.3	953.	18.3	81.	8.7
72	9:37:30	481.	13.5	956.	17.2	85.	8.7
73	9:37:40	455.	13.6	959.	17.0	87.	8.9
74	9:37:50	436.	13.7	961.	17.0	88.	9.1
75	9:38: 0	415.	13.9	964.	17.0	89.	9.3
76	9:38:10	399.	14.0	965.	16.9	90.	9.4
77	9:38:20	374.	14.1	968.	16.8	91.	9.5
78	9:38:30	353.	14.2	971.	16.7	91.	9.6
79	9:38:40	338.	14.2	972.	16.5	92.	9.7
80	9:38:50	317.	14.5	975.	16.6	92.	9.8

SITE 12. DUBLIN CAN. UTMX= 589.
22 OCT 1976 UTMY=4171.
10 9-1014 PDT SODAR HT.=183. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
32	10:14:10	168.	14.2	993.	14.8	99.	10.2
31	10:14: 0	194.	14.0	990.	14.9	99.	10.1
30	10:13:50	212.	13.8	988.	14.8	99.	10.0
29	10:13:40	240.	13.6	984.	14.9	91.	9.1
28	10:13:30	267.	13.2	981.	14.8	88.	8.6
27	10:13:20	295.	12.8	978.	14.6	87.	8.3
26	10:13:10	327.	12.5	974.	14.7	94.	8.8
25	10:13: 0	342.	12.3	972.	14.6	87.	8.1
24	10:12:50	353.	12.2	971.	14.6	89.	8.2
23	10:12:40	389.	11.8	967.	14.6	98.	8.9
22	10:12:30	424.	11.5	963.	14.6	91.	8.1
21	10:12:20	447.	11.3	960.	14.6	94.	8.3
20	10:12:10	474.	11.1	957.	14.7	91.	7.9
19	10:12: 0	481.	11.1	956.	14.8	91.	7.9
18	10:11:50	471.	11.2	957.	14.8	87.	7.6
17	10:11:40	466.	11.3	958.	14.8	91.	8.0
16	10:11:30	469.	11.3	958.	14.8	90.	7.9
15	10:11:20	473.	11.1	957.	14.7	89.	7.7
14	10:11:10	472.	11.1	957.	14.7	89.	7.7
13	10:11: 0	454.	11.3	959.	14.7	98.	8.6
12	10:10:50	442.	11.4	961.	14.7	86.	7.6
11	10:10:40	438.	11.4	961.	14.6	91.	8.0
10	10:10:30	446.	11.4	960.	14.7	91.	8.0
9	10:10:20	455.	11.3	959.	14.7	89.	7.8
8	10:10:10	469.	11.2	958.	14.7	92.	8.1
7	10:10: 0	469.	11.2	958.	14.7	92.	8.1
6	10: 9:50	467.	11.4	958.	14.9	92.	8.2
5	10: 9:40	466.	11.3	958.	14.8	91.	8.0
4	10: 9:30	465.	11.2	958.	14.7	91.	8.0
3	10: 9:20	454.	11.4	959.	14.8	89.	7.9
2	10: 9:10	445.	11.5	960.	14.8	86.	7.7
1	10: 9: 0	431.	11.6	962.	14.8	98.	8.8

SITE 12. DUBLIN CAN. UTMX= 589.
22 OCT 1976 UTMY=4171.
11 8-1110 PDT SODAR HT.=183. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
16	11:10:50	116.	15.0	999.	15.1	99.	10.7
15	11:10:40	153.	14.5	995.	14.9	99.	10.4
14	11:10:30	176.	14.4	992.	15.1	99.	10.4
13	11:10:20	209.	14.0	988.	15.0	99.	10.1
12	11:10:10	253.	13.5	983.	14.9	99.	9.8
11	11:10: 0	306.	12.9	977.	14.8	99.	9.5
10	11: 9:50	322.	12.7	975.	14.8	99.	9.4
9	11: 9:40	361.	12.3	970.	14.8	99.	9.2
8	11: 9:30	397.	12.0	966.	14.8	99.	9.1
7	11: 9:20	434.	11.6	962.	14.8	99.	8.9
6	11: 9:10	460.	11.4	959.	14.8	99.	8.8
5	11: 9: 0	473.	11.5	957.	15.1	99.	8.9
4	11: 8:50	478.	11.5	957.	15.1	99.	8.9
3	11: 8:40	477.	11.5	957.	15.1	99.	8.9

SITE 12. DUBLIN CAN. UTMX= 589.
22 OCT 1976 UTMY=4171.
1341-1350 PDT SODAR HT.=183. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
1	13:41: 0	571.	12.6	944.	17.4	98.	9.6
2	13:41:10	580.	12.7	943.	17.5	98.	9.6
3	13:41:20	609.	12.4	940.	17.5	99.	9.6
4	13:41:30	623.	12.3	938.	17.6	98.	9.4
5	13:41:40	649.	12.2	935.	17.7	97.	9.3
6	13:41:50	656.	12.7	934.	18.3	95.	9.4
7	13:42: 0	679.	12.7	932.	18.5	95.	9.5
8	13:42:10	699.	11.8	929.	17.8	98.	9.2
9	13:42:20	698.	13.9	930.	20.0	87.	9.4
10	13:42:30	707.	13.6	929.	19.7	89.	9.4
11	13:42:40	733.	14.2	926.	20.6	83.	9.2
12	13:42:50	752.	16.7	924.	23.4	77.	10.0
13	13:43: 0	787.	17.1	920.	24.1	76.	10.2
14	13:43:10	817.	17.2	917.	24.5	75.	10.2
15	13:43:20	841.	17.5	914.	25.1	75.	10.4
16	13:43:30	852.	17.6	913.	25.3	75.	10.5
17	13:43:40	875.	17.5	910.	25.4	75.	10.4
22	13:44:20	924.	17.3	905.	25.7	75.	10.3
23	13:44:30	926.	17.2	905.	25.6	74.	10.1
24	13:44:40	927.	17.2	905.	25.6	74.	10.1
25	13:44:50	925.	17.3	905.	25.7	75.	10.3
26	13:45: 0	888.	17.7	909.	25.7	75.	10.6
27	13:45:10	857.	18.0	912.	25.7	74.	10.6
28	13:45:20	835.	18.1	915.	25.6	74.	10.6
29	13:45:30	821.	18.0	916.	25.4	74.	10.5
30	13:45:40	812.	17.8	917.	25.1	74.	10.4
31	13:45:50	808.	17.9	917.	25.2	74.	10.5
32	13:46: 0	813.	18.0	917.	25.3	74.	10.5
33	13:46:10	808.	17.7	917.	24.9	74.	10.3
34	13:46:20	798.	17.9	919.	25.0	74.	10.4
35	13:46:30	786.	17.3	920.	24.3	75.	10.2
36	13:46:40	778.	17.1	921.	24.0	75.	10.0
37	13:46:50	809.	17.3	917.	24.5	75.	10.2
38	13:47: 0	824.	17.9	916.	25.3	74.	10.5
39	13:47:10	856.	17.7	912.	25.4	74.	10.4
40	13:47:20	873.	17.6	910.	25.5	74.	10.3
41	13:47:30	894.	17.4	908.	25.5	74.	10.2
42	13:47:40	902.	17.3	907.	25.5	74.	10.2
43	13:47:50	919.	17.2	906.	25.5	74.	10.1
44	13:48: 0	936.	16.9	904.	25.4	74.	10.0
45	13:48:10	943.	17.0	903.	25.6	74.	10.0
46	13:48:20	969.	16.8	900.	25.6	74.	9.9
47	13:48:30	985.	16.6	899.	25.6	74.	9.8
48	13:48:40	997.	16.6	897.	25.7	74.	9.8

SITE 13. SAN LORENZO UTMX= 574.
22 OCT 1976 UTMY=4169.
1019-1022 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
16	10:21:30	347.	12.6	971.	15.0	99.	9.4
17	10:21:40	348.	12.5	971.	14.9	99.	9.3
18	10:21:50	352.	12.5	970.	15.0	99.	9.3
19	10:22: 0	371.	12.4	968.	15.0	99.	9.3
20	10:22:10	392.	12.3	966.	15.2	99.	9.3
21	10:22:20	412.	12.1	963.	15.2	99.	9.2
22	10:22:30	420.	12.0	963.	15.1	99.	9.1
23	10:22:40	434.	11.8	961.	15.1	99.	9.0
24	10:22:50	446.	11.7	960.	15.1	99.	9.0
15	10:21:20	352.	12.4	970.	14.9	95.	8.9
14	10:21:10	370.	12.3	968.	14.9	99.	9.2
13	10:21: 0	391.	12.0	966.	14.8	89.	8.1
12	10:20:50	400.	12.0	965.	14.9	90.	8.2
11	10:20:40	412.	11.9	963.	14.9	95.	8.7
10	10:20:30	421.	11.8	962.	14.9	90.	8.2
9	10:20:20	429.	11.8	961.	15.0	85.	7.7
8	10:20:10	434.	11.7	961.	15.0	91.	8.2
7	10:20: 0	453.	11.5	959.	15.0	99.	8.8
6	10:19:50	462.	11.4	958.	14.9	89.	7.9
5	10:19:40	457.	11.5	958.	15.0	87.	7.8
4	10:19:30	463.	11.4	958.	14.9	99.	8.8
3	10:19:20	462.	11.4	958.	14.9	99.	8.8
2	10:19:10	485.	11.1	955.	14.9	99.	8.6
1	10:19: 0	484.	11.1	955.	14.9	99.	8.6

SITE 13. SAN LORENZO UTMX= 574.
22 OCT 1976 UTMY=4169.
1115-1118 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
16	11:18:10	339.	13.2	972.	15.5	99.	9.8
17	11:18:20	347.	13.1	971.	15.5	98.	9.6
18	11:18:30	368.	12.8	969.	15.4	98.	9.4
19	11:18:40	385.	12.6	967.	15.4	98.	9.3
20	11:18:50	404.	12.5	964.	15.5	98.	9.3
21	11:19: 0	420.	12.3	963.	15.4	98.	9.2
22	11:19:10	432.	12.3	961.	15.5	99.	9.3
15	11:18: 0	340.	13.2	972.	15.5	99.	9.8
14	11:17:50	343.	13.2	972.	15.6	99.	9.8
13	11:17:40	347.	13.3	971.	15.7	99.	9.8
12	11:17:30	359.	13.1	970.	15.6	99.	9.7
11	11:17:20	384.	12.8	967.	15.6	99.	9.6
10	11:17:10	401.	12.5	965.	15.4	99.	9.4
9	11:17: 0	407.	12.5	964.	15.5	99.	9.4
8	11:16:50	415.	12.5	963.	15.6	99.	9.4
7	11:16:40	420.	12.4	963.	15.5	99.	9.3
6	11:16:30	436.	12.1	961.	15.4	99.	9.2
5	11:16:20	447.	11.9	960.	15.3	99.	9.1
4	11:16:10	448.	11.9	959.	15.3	99.	9.1
3	11:16: 0	457.	11.8	958.	15.3	99.	9.0
2	11:15:50	466.	11.5	957.	15.1	99.	8.9
1	11:15:40	462.	11.5	958.	15.0	99.	8.8

SITE 13. SAN LORENZO UTMX= 574.
22 OCT 1976 UTMY=4169.
14 1-14 5 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
2	14: 1: 0	249.	14.9	983.	16.3	93.	10.1
3	14: 1:10	274.	14.7	980.	16.4	94.	10.1
4	14: 1:20	306.	14.3	976.	16.3	94.	9.9
5	14: 1:30	335.	14.0	973.	16.2	95.	9.9
6	14: 1:40	370.	13.7	969.	16.3	95.	9.7
7	14: 1:50	397.	13.4	966.	16.3	96.	9.7
8	14: 2: 0	409.	13.3	965.	16.3	96.	9.6
9	14: 2:10	430.	13.1	962.	16.3	96.	9.5
10	14: 2:20	461.	12.9	959.	16.4	96.	9.4
11	14: 2:30	474.	12.8	957.	16.4	96.	9.4
12	14: 2:40	502.	12.8	954.	16.7	96.	9.4
13	14: 2:50	538.	12.8	950.	17.0	96.	9.4
14	14: 3: 0	572.	12.8	946.	17.4	96.	9.5
15	14: 3:10	598.	13.0	943.	17.8	96.	9.6
16	14: 3:20	630.	13.3	939.	18.5	92.	9.4
17	14: 3:30	649.	13.5	937.	18.9	89.	9.3
18	14: 3:40	670.	13.9	935.	19.5	86.	9.2
19	14: 3:50	694.	14.7	932.	20.5	81.	9.2
20	14: 4: 0	735.	15.2	928.	21.5	79.	9.3
21	14: 4:10	763.	16.5	925.	23.1	77.	9.9
22	14: 4:20	793.	16.6	921.	23.5	77.	10.0
23	14: 4:30	815.	17.3	919.	24.4	75.	10.2
24	14: 4:40	841.	17.3	916.	24.7	75.	10.2
25	14: 4:50	851.	17.5	915.	25.0	75.	10.4
26	14: 5: 0	860.	17.6	914.	25.2	75.	10.4

SITE 15. COLLINSVILLE UTMX= 601.
22 OCT 1976 UTMY=4215.
840- 848 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
1	8:40: 0	236.	15.2	985.	16.5	84.	9.3
2	8:40:10	266.	15.4	981.	17.0	82.	9.2
3	8:40:20	282.	15.6	979.	17.3	81.	9.3
4	8:40:30	293.	15.6	978.	17.4	80.	9.1
5	8:40:40	308.	15.3	976.	17.3	80.	9.0
6	8:40:50	334.	14.9	973.	17.1	80.	8.8
7	8:41: 0	346.	14.8	972.	17.2	80.	8.7
8	8:41:10	362.	14.6	970.	17.1	80.	8.6
9	8:41:20	389.	14.2	967.	17.0	80.	8.4
10	8:41:30	414.	15.7	964.	18.7	77.	9.0
11	8:41:40	435.	15.9	962.	19.1	77.	9.1
12	8:41:50	471.	15.9	958.	19.5	76.	9.0
13	8:42: 0	503.	17.3	954.	21.2	75.	9.8
14	8:42:10	538.	18.5	950.	22.8	73.	10.3
15	8:42:20	558.	19.0	948.	23.5	73.	10.7
16	8:42:30	593.	18.6	944.	23.4	73.	10.5
17	8:42:40	606.	18.4	943.	23.4	73.	10.4
18	8:42:50	632.	18.3	940.	23.5	72.	10.2
19	8:43: 0	651.	18.4	938.	23.8	72.	10.3
20	8:43:10	682.	18.5	934.	24.2	72.	10.4
21	8:43:20	713.	18.5	931.	24.5	72.	10.4
22	8:43:30	746.	18.6	927.	25.0	72.	10.5
23	8:43:40	767.	18.7	925.	25.3	73.	10.8
24	8:43:50	785.	18.6	923.	25.4	73.	10.7
25	8:44: 0	814.	18.4	920.	25.4	73.	10.6
26	8:44:10	819.	18.1	919.	25.2	72.	10.3

SITE 15. COLLINSVILLE UTMX= 601.
22 OCT 1976 UTMY=4215.
840- 848 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
27	8:44:20	812.	18.0	920.	25.0	72.	10.2
28	8:44:30	793.	18.1	922.	24.9	72.	10.3
29	8:44:40	780.	18.2	923.	24.9	72.	10.3
30	8:44:50	794.	18.0	922.	24.8	72.	10.2
31	8:45: 0	796.	17.8	922.	24.7	72.	10.1
32	8:45:10	802.	17.7	921.	24.6	72.	10.0
33	8:45:20	804.	17.8	921.	24.7	72.	10.1
34	8:45:30	806.	17.8	921.	24.8	72.	10.1
35	8:45:40	816.	17.8	920.	24.9	72.	10.1
36	8:45:50	820.	18.2	919.	25.3	73.	10.5
37	8:46: 0	820.	18.0	919.	25.1	72.	10.2
38	8:46:10	820.	17.8	919.	24.9	72.	10.1
39	8:46:20	814.	17.9	920.	24.9	72.	10.1
40	8:46:30	810.	17.8	920.	24.8	72.	10.1
41	8:46:40	812.	17.8	920.	24.8	72.	10.1
42	8:46:50	809.	18.0	920.	25.0	72.	10.2
43	8:47: 0	810.	18.0	920.	25.0	72.	10.2
44	8:47:10	813.	18.0	920.	25.0	72.	10.2
45	8:47:20	809.	18.0	920.	25.0	72.	10.2
46	8:47:30	812.	18.1	920.	25.1	72.	10.3
47	8:47:40	813.	18.2	920.	25.2	72.	10.3
48	8:47:50	813.	18.2	920.	25.2	72.	10.3
49	8:48: 0	818.	18.1	919.	25.2	72.	10.3
50	8:48:10	818.	18.2	919.	25.3	72.	10.3
51	8:48:20	818.	18.2	919.	25.3	72.	10.3
52	8:48:30	819.	18.2	919.	25.3	72.	10.4

SITE 1. PETALUMA UTMX= 532.
25 OCT 1976 UTMY=4232.
1731-1742 PDT SODAR HT.= 3. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
25	17:35:50	40.	20.3	1008.	19.6	44.	6.5
24	17:35:40	62.	20.1	1006.	19.6	44.	6.5
23	17:35:30	81.	20.2	1003.	19.9	43.	6.4
22	17:35:20	95.	20.0	1002.	19.8	43.	6.3
21	17:35:10	127.	20.4	998.	20.6	40.	6.0
20	17:35: 0	145.	20.6	996.	20.9	38.	5.8
19	17:34:50	168.	20.7	993.	21.3	36.	5.6
18	17:34:40	181.	20.8	992.	21.5	36.	5.6
17	17:34:30	207.	20.3	989.	21.2	36.	5.4
16	17:34:20	243.	19.9	985.	21.2	36.	5.3
15	17:34:10	280.	19.9	980.	21.6	36.	5.4
14	17:34: 0	296.	19.9	979.	21.7	36.	5.4
13	17:33:50	314.	19.6	977.	21.6	37.	5.4
12	17:33:40	333.	19.4	974.	21.6	37.	5.4
11	17:33:30	348.	19.2	973.	21.5	37.	5.3
10	17:33:20	368.	19.2	970.	21.7	38.	5.5
9	17:33:10	387.	19.1	968.	21.8	38.	5.4
8	17:33: 0	423.	18.7	964.	21.8	38.	5.3
7	17:32:50	454.	18.5	961.	21.9	38.	5.3
6	17:32:40	471.	18.3	959.	21.8	39.	5.4
5	17:32:30	491.	18.2	957.	21.9	39.	5.3
4	17:32:20	510.	18.0	954.	21.9	40.	5.4
3	17:32:10	551.	17.5	950.	21.8	40.	5.3
2	17:32: 0	582.	17.3	946.	21.9	40.	5.2
1	17:31:50	605.	17.2	944.	22.0	40.	5.2

SITE 1. PETALUMA UTMX= 532.
25 OCT 1976 UTMY=4232.
1731-1742 PDT SODAR HT.= 3. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
26	17:36: 0	16.	20.7	1011.	19.8	43.	6.5
30	17:37:10	78.	20.1	1004.	19.8	42.	6.2
31	17:37:20	109.	20.0	1000.	20.0	42.	6.2
32	17:37:30	131.	20.1	998.	20.3	41.	6.1
33	17:37:40	156.	20.2	995.	20.6	38.	5.7
34	17:37:50	181.	20.5	992.	21.2	37.	5.6
35	17:38: 0	208.	20.2	989.	21.2	36.	5.4
36	17:38:10	231.	20.1	986.	21.3	35.	5.2
37	17:38:20	265.	20.0	982.	21.5	35.	5.2
38	17:38:30	290.	20.0	979.	21.8	35.	5.2
39	17:38:40	310.	20.0	977.	22.0	35.	5.3
40	17:38:50	343.	19.6	973.	21.9	35.	5.1
41	17:39: 0	368.	19.4	970.	21.9	35.	5.1
42	17:39:10	399.	19.0	967.	21.8	36.	5.1
43	17:39:20	429.	18.5	963.	21.6	36.	5.0
44	17:39:30	435.	18.8	963.	22.0	36.	5.1
45	17:39:40	451.	18.7	961.	22.0	36.	5.1
46	17:39:50	478.	18.4	958.	22.0	36.	5.0
47	17:40: 0	512.	18.0	954.	21.9	37.	5.0
48	17:40:10	548.	17.7	950.	22.0	37.	4.9
49	17:40:20	564.	17.6	948.	22.0	37.	4.9
50	17:40:30	585.	17.5	946.	22.1	37.	4.9
51	17:40:40	619.	17.2	942.	22.2	37.	4.8
52	17:40:50	640.	16.9	940.	22.1	37.	4.8
53	17:41: 0	665.	16.6	937.	22.0	38.	4.8
54	17:41:10	688.	16.4	935.	22.1	39.	4.9
55	17:41:20	707.	16.1	932.	21.9	39.	4.8
56	17:41:30	716.	16.1	931.	22.0	39.	4.8
57	17:41:40	743.	16.0	929.	22.2	39.	4.8
58	17:41:50	765.	15.8	926.	22.2	39.	4.7
59	17:42: 0	801.	15.5	922.	22.3	39.	4.7
60	17:42:10	806.	15.5	922.	22.3	39.	4.7
61	17:42:20	801.	15.7	922.	22.5	40.	4.8
62	17:42:30	793.	15.8	923.	22.5	39.	4.8
63	17:42:40	793.	15.9	923.	22.6	40.	4.9
64	17:42:50	793.	15.9	923.	22.6	40.	4.9

SITE 2. MARTINEZ UTMX= 579.
25 OCT 1976 UTMY=4208.
1657-17 7 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
23	17: 1:30	19.	21.3	1011.	20.4	41.	6.5
22	17: 1:20	27.	21.2	1010.	20.4	40.	6.3
21	17: 1:10	41.	21.2	1008.	20.5	42.	6.6
20	17: 1: 0	77.	20.9	1004.	20.6	41.	6.3
19	17: 0:50	103.	20.7	1001.	20.6	42.	6.4
18	17: 0:40	138.	20.2	997.	20.5	42.	6.3
17	17: 0:30	167.	20.0	993.	20.5	40.	5.9
16	17: 0:20	201.	19.9	990.	20.8	38.	5.6
15	17: 0:10	228.	19.7	986.	20.8	37.	5.4
14	17: 0: 0	245.	19.5	984.	20.8	37.	5.3
13	16:59:50	272.	19.3	981.	20.9	36.	5.2
12	16:59:40	295.	19.0	979.	20.8	37.	5.2
11	16:59:30	324.	18.7	975.	20.8	36.	5.0
10	16:59:20	348.	18.5	973.	20.8	36.	4.9
9	16:59:10	376.	18.3	969.	20.9	36.	4.9
8	16:59: 0	427.	17.8	964.	20.9	37.	4.9
7	16:58:50	478.	17.6	958.	21.2	38.	5.0
6	16:58:40	519.	17.4	953.	21.4	38.	5.0
5	16:58:30	561.	17.4	949.	21.8	36.	4.7
4	16:58:20	603.	17.2	944.	22.0	36.	4.7
3	16:58:10	639.	16.9	940.	22.1	36.	4.6
2	16:58: 0	670.	16.8	936.	22.3	36.	4.6
1	16:57:50	691.	16.8	934.	22.5	35.	4.5

SITE 2. MARTINEZ UTMX= 579.
25 OCT 1976 UTMY=4208.
1657-17 7 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
24	17: 1:40	13.	21.4	1011.	20.4	40.	6.3
29	17: 2:30	14.	21.8	1011.	20.8	40.	6.5
30	17: 2:40	35.	21.5	1009.	20.8	39.	6.2
31	17: 2:50	65.	21.3	1005.	20.8	38.	6.0
32	17: 3: 0	101.	21.0	1001.	20.9	38.	5.9
33	17: 3:10	131.	20.5	998.	20.7	37.	5.6
34	17: 3:20	155.	20.3	995.	20.7	37.	5.6
35	17: 3:30	168.	20.2	993.	20.8	39.	5.8
36	17: 3:40	179.	20.1	992.	20.8	39.	5.8
37	17: 3:50	201.	19.9	990.	20.8	39.	5.7
38	17: 4: 0	235.	19.7	986.	20.9	38.	5.6
39	17: 4:10	276.	19.5	981.	21.1	35.	5.1
40	17: 4:20	299.	19.2	978.	21.0	34.	4.8
41	17: 4:30	318.	19.2	976.	21.2	34.	4.9
42	17: 4:40	334.	19.0	974.	21.2	34.	4.8
43	17: 4:50	356.	18.8	972.	21.2	35.	4.9
44	17: 5: 0	377.	18.6	969.	21.2	37.	5.1
45	17: 5:10	402.	18.4	967.	21.2	36.	4.9
46	17: 5:20	432.	18.1	963.	21.2	36.	4.9
47	17: 5:30	454.	17.9	961.	21.3	36.	4.8
48	17: 5:40	476.	17.8	958.	21.4	36.	4.8
49	17: 5:50	510.	17.9	954.	21.8	35.	4.7
50	17: 6: 0	545.	17.8	950.	22.1	35.	4.7
51	17: 6:10	574.	17.5	947.	22.0	35.	4.6
52	17: 6:20	594.	17.3	945.	22.0	35.	4.6
53	17: 6:30	622.	17.1	942.	22.1	35.	4.5
54	17: 6:40	648.	16.8	939.	22.1	35.	4.5
55	17: 6:50	665.	16.6	937.	22.0	35.	4.4
56	17: 7: 0	699.	16.4	933.	22.2	35.	4.4
57	17: 7:10	725.	16.2	930.	22.2	35.	4.3
58	17: 7:20	743.	16.2	929.	22.4	35.	4.3
59	17: 7:30	758.	16.2	927.	22.5	35.	4.4
60	17: 7:40	769.	16.2	926.	22.7	35.	4.4

SITE 2. MARTINEZ UTMX= 579.
25 OCT 1976 UTMY=4208.
1825-1835 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
27	18:29:50	27.	20.4	1010.	19.6	43.	6.4
26	18:29:40	29.	20.2	1010.	19.4	44.	6.5
25	18:29:30	22.	20.2	1010.	19.3	44.	6.5
24	18:29:20	19.	20.2	1011.	19.3	44.	6.5
23	18:29:10	36.	20.3	1009.	19.6	43.	6.4
22	18:29: 0	63.	19.9	1006.	19.4	43.	6.2
21	18:28:50	93.	19.6	1002.	19.4	44.	6.3
20	18:28:40	118.	19.7	999.	19.8	43.	6.2
19	18:28:30	134.	19.7	997.	19.9	42.	6.1
18	18:28:20	165.	19.7	994.	20.2	40.	5.8
17	18:28:10	209.	19.4	989.	20.4	40.	5.7
16	18:28: 0	246.	19.1	984.	20.4	40.	5.6
15	18:27:50	277.	18.9	981.	20.5	40.	5.6
14	18:27:40	297.	18.8	978.	20.6	39.	5.4
13	18:27:30	320.	18.3	976.	20.3	39.	5.3
12	18:27:20	338.	18.4	974.	20.6	39.	5.3
11	18:27:10	350.	18.6	972.	20.9	38.	5.3
10	18:27: 0	372.	18.5	970.	21.1	38.	5.2
9	18:26:50	396.	18.2	967.	21.0	38.	5.1
8	18:26:40	410.	18.5	966.	21.4	38.	5.3
7	18:26:30	441.	18.8	962.	22.0	36.	5.1
6	18:26:20	477.	18.6	958.	22.2	36.	5.0
5	18:26:10	501.	17.9	955.	21.7	37.	5.0
4	18:26: 0	528.	18.3	952.	22.4	36.	5.0
3	18:25:50	552.	18.3	950.	22.6	36.	5.0
2	18:25:40	563.	18.3	948.	22.7	36.	5.0
1	18:25:30	601.	17.8	944.	22.6	36.	4.9

SITE 2. MARTINEZ UTMX= 579.
25 OCT 1976 UTMY=4208.
1825-1835 PDT SODAR HT.= 6. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
28	18:30: 0	13.	20.8	1011.	19.8	42.	6.4
34	18:30:50	104.	19.9	1001.	19.8	41.	6.0
35	18:31: 0	127.	19.6	998.	19.8	42.	6.0
36	18:31:10	152.	19.5	995.	19.9	41.	5.9
37	18:31:20	178.	19.6	992.	20.3	40.	5.8
38	18:31:30	197.	19.6	990.	20.4	39.	5.6
39	18:31:40	221.	19.5	987.	20.6	39.	5.6
40	18:31:50	247.	19.3	984.	20.6	39.	5.6
41	18:32: 0	271.	19.2	981.	20.8	39.	5.5
42	18:32:10	297.	18.9	978.	20.7	38.	5.3
43	18:32:20	316.	18.7	976.	20.7	38.	5.3
44	18:32:30	333.	18.7	974.	20.9	38.	5.3
45	18:32:40	336.	18.9	974.	21.1	38.	5.3
46	18:32:50	351.	19.1	972.	21.5	37.	5.3
47	18:33: 0	381.	19.0	969.	21.7	37.	5.3
48	18:33:10	409.	19.4	966.	22.3	36.	5.3
49	18:33:20	442.	19.3	962.	22.6	35.	5.1
50	18:33:30	468.	19.0	959.	22.5	35.	5.0
51	18:33:40	494.	18.9	956.	22.7	34.	4.9
52	18:33:50	516.	18.5	954.	22.5	35.	4.9
53	18:34: 0	539.	18.1	951.	22.3	35.	4.8
54	18:34:10	556.	18.1	949.	22.5	35.	4.8
55	18:34:20	572.	18.1	947.	22.6	35.	4.8
56	18:34:30	596.	17.8	945.	22.6	35.	4.7
57	18:34:40	622.	17.5	942.	22.5	35.	4.7
58	18:34:50	645.	17.2	939.	22.4	35.	4.6
59	18:35: 0	667.	17.1	937.	22.6	35.	4.6
60	18:35:10	693.	16.6	934.	22.3	35.	4.4
61	18:35:20	708.	16.8	932.	22.7	35.	4.5
62	18:35:30	736.	16.6	929.	22.7	35.	4.5
63	18:35:40	741.	16.5	929.	22.7	35.	4.4
64	18:35:50	757.	16.5	927.	22.8	35.	4.4

SITE 3. ANTIOCH
25 OCT 1976
1639-1650 PDT

UTMX= 608.
UTMY=4207.
SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
28	16:44:20	48.	22.2	1007.	21.6	33.	5.5
27	16:44:10	50.	22.1	1007.	21.5	33.	5.5
26	16:44: 0	57.	22.1	1006.	21.6	33.	5.5
25	16:43:50	67.	22.0	1005.	21.6	33.	5.4
24	16:43:40	82.	22.0	1003.	21.7	33.	5.5
23	16:43:30	101.	21.9	1001.	21.8	33.	5.4
22	16:43:20	122.	21.6	999.	21.7	33.	5.3
21	16:43:10	140.	21.4	997.	21.7	33.	5.3
20	16:43: 0	162.	21.1	994.	21.6	33.	5.2
19	16:42:50	183.	21.0	992.	21.7	33.	5.2
18	16:42:40	214.	20.6	988.	21.6	34.	5.2
17	16:42:30	246.	20.3	984.	21.6	34.	5.2
16	16:42:20	279.	20.1	981.	21.7	33.	5.0
15	16:42:10	297.	19.8	979.	21.6	33.	4.9
14	16:42: 0	321.	19.6	976.	21.6	33.	4.8
13	16:41:50	341.	19.3	974.	21.5	34.	4.9
12	16:41:40	364.	19.1	971.	21.6	34.	4.9
11	16:41:30	396.	18.7	967.	21.5	34.	4.8
10	16:41:20	424.	18.4	964.	21.5	34.	4.7
9	16:41:10	451.	18.3	961.	21.6	35.	4.8
8	16:41: 0	494.	17.7	956.	21.4	35.	4.6
7	16:40:50	538.	17.3	951.	21.5	35.	4.6
6	16:40:40	554.	17.1	950.	21.4	36.	4.6
5	16:40:30	583.	16.7	946.	21.3	35.	4.4
4	16:40:20	611.	16.5	943.	21.4	35.	4.4
3	16:40:10	638.	16.2	940.	21.3	35.	4.3
2	16:40: 0	665.	16.0	937.	21.4	35.	4.3
1	16:39:50	684.	15.6	935.	21.2	35.	4.2

SITE 3. ANTIOCH UTMX= 608.
25 OCT 1976 UTMY=4207.
1639-1650 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
29	16:44:30	29.	22.3	1010.	21.5	33.	5.5
34	16:45:20	76.	22.1	1004.	21.8	32.	5.3
35	16:45:30	100.	22.1	1001.	22.0	31.	5.2
36	16:45:40	119.	22.0	999.	22.1	31.	5.1
37	16:45:50	140.	21.7	997.	22.0	32.	5.2
38	16:46: 0	169.	21.3	993.	21.9	32.	5.1
39	16:46:10	222.	20.9	987.	22.0	31.	4.9
40	16:46:20	237.	20.6	986.	21.8	31.	4.8
41	16:46:30	251.	20.4	984.	21.8	32.	4.9
42	16:46:40	279.	20.2	981.	21.8	32.	4.8
43	16:46:50	300.	19.9	978.	21.7	31.	4.6
44	16:47: 0	324.	19.6	976.	21.7	32.	4.7
45	16:47:10	354.	19.5	972.	21.9	31.	4.5
46	16:47:20	397.	19.1	967.	21.9	31.	4.4
47	16:47:30	437.	18.9	963.	22.1	30.	4.3
48	16:47:40	459.	18.6	960.	22.0	31.	4.3
49	16:47:50	496.	18.0	956.	21.8	32.	4.3
50	16:48: 0	515.	17.6	954.	21.5	31.	4.1
51	16:48:10	538.	17.7	951.	21.9	31.	4.1
52	16:48:20	556.	17.7	949.	22.1	31.	4.1
53	16:48:30	575.	17.5	947.	22.0	31.	4.1
54	16:48:40	597.	17.1	945.	21.8	31.	4.0
55	16:48:50	629.	16.8	941.	21.9	31.	3.9
56	16:49: 0	662.	16.5	938.	21.9	32.	4.0
57	16:49:10	689.	16.4	935.	22.1	32.	4.0
58	16:49:20	708.	16.1	932.	21.9	32.	3.9
59	16:49:30	731.	16.0	930.	22.1	32.	3.9
60	16:49:40	758.	15.8	927.	22.1	32.	3.9
61	16:49:50	761.	15.8	927.	22.2	32.	3.9
62	16:50: 0	767.	15.8	926.	22.2	33.	4.0
63	16:50:10	769.	15.8	926.	22.2	33.	4.0
64	16:50:20	757.	16.1	927.	22.4	32.	4.0

SITE 3. ANTIOCH
25 OCT 1976
1844-1856 PDT

UTMX= 608.
UTMY=4207.
SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
38	18:50:10	55.	20.8	1007.	20.3	39.	6.0
37	18:50: 0	84.	20.5	1003.	20.2	39.	5.9
36	18:49:50	94.	20.5	1002.	20.3	39.	5.9
35	18:49:40	98.	20.5	1002.	20.4	40.	6.0
34	18:49:30	104.	20.5	1001.	20.4	40.	6.1
33	18:49:20	114.	20.3	1000.	20.3	40.	6.0
32	18:49:10	132.	20.2	998.	20.4	39.	5.8
31	18:49: 0	145.	20.1	996.	20.4	39.	5.8
30	18:48:50	178.	19.9	992.	20.6	40.	5.9
29	18:48:40	200.	20.0	990.	20.9	39.	5.8
28	18:48:30	221.	20.2	987.	21.3	37.	5.6
27	18:48:20	263.	19.9	982.	21.4	37.	5.5
26	18:48:10	284.	19.8	980.	21.5	37.	5.5
25	18:48: 0	303.	19.7	978.	21.6	37.	5.4
24	18:47:50	326.	19.5	975.	21.6	37.	5.4
23	18:47:40	351.	19.3	972.	21.7	37.	5.3
22	18:47:30	371.	19.1	970.	21.6	37.	5.3
21	18:47:20	402.	18.8	967.	21.6	37.	5.2
16	18:47:10	430.	18.6	963.	21.7	37.	5.2
15	18:47: 0	443.	18.5	962.	21.8	37.	5.1
14	18:46:50	466.	18.2	959.	21.7	37.	5.1
13	18:46:40	489.	18.0	957.	21.7	37.	5.0
12	18:46:30	512.	17.8	954.	21.7	37.	5.0
11	18:46:20	530.	17.7	952.	21.8	37.	4.9
10	18:46:10	545.	17.7	950.	22.0	36.	4.8
9	18:46: 0	559.	17.5	949.	21.9	37.	4.9
8	18:45:50	566.	17.9	948.	22.4	35.	4.7
7	18:45:40	579.	17.9	947.	22.5	34.	4.6
6	18:45:30	602.	17.6	944.	22.4	34.	4.5
5	18:45:20	644.	17.2	939.	22.4	34.	4.4
4	18:45:10	668.	17.0	937.	22.5	34.	4.4
3	18:45: 0	675.	17.0	936.	22.5	34.	4.4
2	18:44:50	686.	16.9	935.	22.5	34.	4.4
1	18:44:40	698.	16.9	933.	22.7	34.	4.4

SITE 3. ANTIOCH UTMX= 608.
25 OCT 1976 UTMY=4207.
1844-1856 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
39	18:50:20	23.	21.1	1010.	20.2	40.	6.2
40	18:50:30	59.	20.7	1006.	20.2	39.	5.9
41	18:50:40	86.	20.5	1003.	20.3	39.	5.9
42	18:50:50	116.	20.4	999.	20.4	38.	5.7
43	18:51: 0	127.	20.2	998.	20.4	39.	5.8
44	18:51:10	147.	20.1	996.	20.5	39.	5.8
45	18:51:20	168.	20.0	993.	20.6	38.	5.6
46	18:51:30	189.	19.8	991.	20.6	38.	5.6
47	18:51:40	219.	20.0	987.	21.1	37.	5.5
48	18:51:50	252.	19.9	984.	21.3	36.	5.3
49	18:52: 0	279.	19.8	981.	21.4	37.	5.5
50	18:52:10	300.	19.6	978.	21.5	36.	5.3
51	18:52:20	323.	19.3	976.	21.4	36.	5.2
52	18:52:30	340.	19.2	974.	21.4	36.	5.2
53	18:52:40	370.	19.1	970.	21.6	36.	5.1
54	18:52:50	392.	18.9	968.	21.7	36.	5.1
55	18:53: 0	413.	18.7	965.	21.7	36.	5.0
56	18:53:10	435.	18.5	963.	21.7	36.	5.0
57	18:53:20	462.	18.3	960.	21.7	36.	4.9
58	18:53:30	489.	17.9	957.	21.6	36.	4.8
59	18:53:40	518.	17.5	953.	21.5	36.	4.7
60	18:53:50	537.	17.4	951.	21.6	36.	4.7
61	18:54: 0	571.	16.9	948.	21.4	36.	4.6
62	18:54:10	590.	16.7	945.	21.4	36.	4.5
63	18:54:20	611.	16.8	943.	21.7	36.	4.6
64	18:54:30	634.	16.8	941.	21.9	36.	4.6
65	18:54:40	674.	16.6	936.	22.1	35.	4.4
66	18:54:50	703.	16.2	933.	22.0	35.	4.3
67	18:55: 0	732.	16.0	930.	22.1	34.	4.2
68	18:55:10	753.	15.8	927.	22.1	34.	4.1
69	18:55:20	772.	15.7	925.	22.2	34.	4.1
70	18:55:30	779.	15.9	925.	22.5	34.	4.2
71	18:55:40	797.	15.7	923.	22.4	35.	4.2
72	18:55:50	806.	15.8	922.	22.6	34.	4.1
73	18:56: 0	830.	15.6	919.	22.7	34.	4.1
74	18:56:10	845.	15.5	917.	22.7	34.	4.1
75	18:56:20	856.	15.5	916.	22.8	33.	4.0
76	18:56:30	857.	15.6	916.	22.9	33.	4.0

SITE 3. ANTIOCH UTMX= 608.
25 OCT 1976 UTMY=4207.
1947-1959 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
40	19:54:20	61.	20.0	1006.	19.5	40.	5.8
39	19:54:10	72.	20.0	1005.	19.6	40.	5.8
38	19:54: 0	93.	19.9	1002.	19.7	40.	5.8
37	19:53:50	112.	19.8	1000.	19.8	40.	5.8
36	19:53:40	125.	19.6	998.	19.7	40.	5.7
35	19:53:30	139.	19.5	997.	19.8	40.	5.7
34	19:53:20	161.	19.7	994.	20.2	39.	5.7
33	19:53:10	192.	20.1	991.	20.9	37.	5.5
32	19:53: 0	216.	19.8	988.	20.8	37.	5.4
31	19:52:50	234.	19.5	986.	20.7	37.	5.3
30	19:52:40	236.	19.7	985.	20.9	37.	5.4
29	19:52:30	258.	19.6	983.	21.0	36.	5.2
28	19:52:20	270.	19.6	982.	21.2	36.	5.2
27	19:52:10	277.	19.7	981.	21.3	36.	5.3
26	19:52: 0	284.	19.5	980.	21.2	36.	5.2
25	19:51:50	298.	19.5	978.	21.3	36.	5.2
24	19:51:40	306.	19.5	977.	21.4	36.	5.2
23	19:51:30	325.	19.2	975.	21.3	36.	5.2
22	19:51:20	336.	19.2	974.	21.4	36.	5.2
21	19:51:10	359.	19.0	971.	21.4	36.	5.1
20	19:51: 0	382.	18.8	969.	21.5	35.	4.9
19	19:50:50	404.	18.4	966.	21.3	36.	4.9
18	19:50:40	426.	18.3	964.	21.4	36.	4.9
17	19:50:30	438.	18.2	962.	21.4	36.	4.9
16	19:50:20	442.	18.4	962.	21.6	35.	4.8
15	19:50:10	454.	18.2	961.	21.6	36.	4.9
14	19:50: 0	467.	18.1	959.	21.6	36.	4.9
13	19:49:50	492.	17.7	956.	21.4	36.	4.8
12	19:49:40	528.	17.5	952.	21.6	36.	4.7
11	19:49:30	551.	17.1	950.	21.4	37.	4.8
10	19:49:20	557.	17.2	949.	21.6	36.	4.7
9	19:49:10	582.	16.9	946.	21.5	36.	4.6
8	19:49: 0	603.	16.7	944.	21.5	36.	4.5
7	19:48:50	624.	16.6	942.	21.6	35.	4.4
6	19:48:40	639.	16.6	940.	21.8	35.	4.4
5	19:48:30	658.	16.3	938.	21.7	35.	4.3
4	19:48:20	675.	16.0	936.	21.5	36.	4.4
3	19:48:10	687.	16.1	935.	21.7	35.	4.3
2	19:48: 0	698.	15.9	933.	21.7	36.	4.4
1	19:47:50	698.	15.8	933.	21.5	36.	4.3

SITE 3. ANTIOCH UTMX= 608.
25 OCT 1976 UTMY=4207.
1947-1959 PDT SODAR HT.= 15. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
41	19:54:30	58.	20.0	1006.	19.5	40.	5.8
42	19:54:40	78.	20.0	1004.	19.7	40.	5.8
43	19:54:50	106.	20.0	1001.	20.0	40.	5.9
44	19:55: 0	128.	19.8	998.	20.0	39.	5.7
45	19:55:10	146.	19.6	996.	19.9	39.	5.6
46	19:55:20	169.	19.7	993.	20.3	39.	5.7
47	19:55:30	193.	20.0	990.	20.8	38.	5.6
48	19:55:40	220.	20.1	987.	21.2	36.	5.4
49	19:55:50	262.	19.7	982.	21.2	36.	5.3
50	19:56: 0	289.	19.6	979.	21.3	35.	5.1
51	19:56:10	316.	19.2	976.	21.2	35.	5.0
52	19:56:20	337.	18.9	974.	21.1	35.	4.9
53	19:56:30	363.	18.7	971.	21.2	35.	4.9
54	19:56:40	393.	18.4	968.	21.2	34.	4.7
55	19:56:50	414.	18.2	965.	21.2	34.	4.6
56	19:57: 0	429.	18.3	963.	21.4	34.	4.7
57	19:57:10	467.	18.0	959.	21.5	34.	4.6
58	19:57:20	492.	17.3	956.	21.0	34.	4.4
59	19:57:30	519.	17.2	953.	21.2	34.	4.4
60	19:57:40	542.	17.0	951.	21.2	34.	4.3
65	19:57:50	569.	16.8	948.	21.3	34.	4.3
66	19:58: 0	583.	16.6	946.	21.2	34.	4.3
67	19:58:10	607.	16.7	943.	21.6	34.	4.3
68	19:58:20	635.	16.5	940.	21.6	34.	4.3
69	19:58:30	669.	16.3	937.	21.8	33.	4.1
70	19:58:40	705.	15.9	933.	21.7	33.	4.0
71	19:58:50	744.	15.4	928.	21.6	33.	3.9
72	19:59: 0	770.	15.2	925.	21.7	33.	3.9

SITE 4. LIVERMORE UTMX= 616.
25 OCT 1976 UTMY=4173.
2010-2019 PDT SODAR HT.=186. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
22	20:13:30	132.	17.8	997.	18.0	48.	6.2
21	20:13:20	167.	17.9	993.	18.5	49.	6.4
20	20:13:10	207.	17.5	989.	18.5	49.	6.2
19	20:13: 0	224.	17.6	987.	18.7	49.	6.3
18	20:12:50	234.	17.7	985.	18.9	50.	6.5
17	20:12:40	247.	17.8	984.	19.2	49.	6.4
16	20:12:30	257.	17.8	983.	19.3	49.	6.4
15	20:12:20	270.	17.6	981.	19.2	49.	6.3
14	20:12:10	290.	17.5	979.	19.3	49.	6.3
13	20:12: 0	307.	17.3	977.	19.2	49.	6.2
12	20:11:50	328.	17.3	975.	19.4	48.	6.1
11	20:11:40	353.	17.2	972.	19.6	47.	6.0
10	20:11:30	373.	17.2	969.	19.8	46.	5.8
9	20:11:20	408.	17.1	965.	20.0	45.	5.7
8	20:11:10	439.	16.9	962.	20.1	44.	5.5
7	20:11: 0	465.	16.7	959.	20.2	44.	5.5
6	20:10:50	483.	16.5	957.	20.2	44.	5.4
5	20:10:40	500.	16.5	955.	20.3	43.	5.3
4	20:10:30	515.	16.5	953.	20.5	43.	5.3
3	20:10:20	550.	16.5	949.	20.8	40.	5.0
2	20:10:10	568.	16.7	947.	21.2	38.	4.8
1	20:10: 0	590.	16.5	945.	21.2	38.	4.7

SITE 4. LIVERMORE UTMX= 616.
25 OCT 1976 UTMY=4173.
2010-2019 PDT SODAR HT.=186. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
23	20:13:40	123.	17.6	998.	17.7	48.	6.1
24	20:13:50	145.	17.9	996.	18.3	49.	6.3
25	20:14: 0	155.	18.0	995.	18.4	49.	6.4
26	20:14:10	175.	18.2	992.	18.8	49.	6.5
27	20:14:20	201.	18.1	989.	19.0	49.	6.5
28	20:14:30	222.	17.9	987.	19.0	48.	6.3
29	20:14:40	252.	17.7	983.	19.1	47.	6.1
30	20:14:50	277.	17.6	980.	19.2	46.	5.9
31	20:15: 0	298.	17.4	978.	19.3	46.	5.9
32	20:15:10	319.	17.3	976.	19.4	46.	5.8
33	20:15:20	338.	17.2	973.	19.4	45.	5.7
34	20:15:30	357.	17.1	971.	19.5	46.	5.8
35	20:15:40	373.	17.2	969.	19.8	45.	5.7
36	20:15:50	403.	16.8	966.	19.7	45.	5.6
37	20:16: 0	433.	16.9	963.	20.1	44.	5.5
38	20:16:10	464.	16.6	959.	20.1	43.	5.3
39	20:16:20	492.	16.3	956.	20.1	43.	5.2
40	20:16:30	523.	16.2	952.	20.3	42.	5.1
41	20:16:40	546.	16.4	950.	20.7	40.	4.9
42	20:16:50	560.	16.5	948.	20.9	39.	4.8
43	20:17: 0	583.	16.5	946.	21.2	38.	4.7
44	20:17:10	606.	16.3	943.	21.2	38.	4.7
45	20:17:20	620.	16.3	942.	21.3	38.	4.7
46	20:17:30	647.	16.2	939.	21.5	38.	4.7
47	20:17:40	672.	16.0	936.	21.5	38.	4.6
48	20:17:50	688.	15.9	934.	21.6	38.	4.6
49	20:18: 0	695.	15.8	933.	21.6	38.	4.6
50	20:18:10	728.	15.6	930.	21.7	38.	4.5
51	20:18:20	734.	15.6	929.	21.7	38.	4.5
52	20:18:30	759.	15.5	926.	21.9	38.	4.5
53	20:18:40	779.	15.4	924.	22.0	37.	4.4

SITE 6. SAN JOSE UTMX= 599.
25 OCT 1976 UTMY=4132.
22 4-2216 PDT SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
29	22: 8: 0	58.	17.3	1006.	16.8	67.	8.3
28	22: 7:50	110.	17.2	1000.	17.2	64.	7.9
27	22: 7:40	143.	17.3	996.	17.6	61.	7.6
26	22: 7:30	176.	17.7	992.	18.4	57.	7.3
25	22: 7:20	189.	17.5	991.	18.3	58.	7.4
24	22: 7:10	196.	17.9	990.	18.7	54.	7.0
23	22: 7: 0	201.	17.8	989.	18.7	52.	6.7
22	22: 6:50	206.	17.5	989.	18.4	59.	7.5
21	22: 6:40	214.	17.9	988.	18.9	52.	6.8
20	22: 6:30	230.	18.0	986.	19.2	48.	6.3
19	22: 6:20	250.	18.0	984.	19.4	47.	6.2
18	22: 6:10	263.	18.4	982.	19.9	46.	6.2
17	22: 6: 0	279.	18.3	980.	20.0	47.	6.3
16	22: 5:50	300.	18.0	978.	19.9	47.	6.2
15	22: 5:40	320.	17.7	976.	19.8	48.	6.3
14	22: 5:30	344.	17.5	973.	19.8	48.	6.2
13	22: 5:20	369.	17.3	970.	19.8	48.	6.1
8	22: 5:10	375.	17.3	969.	19.9	49.	6.3
7	22: 5: 0	390.	17.1	968.	19.8	49.	6.2
6	22: 4:50	429.	16.9	963.	20.0	46.	5.8
5	22: 4:40	461.	16.8	959.	20.2	46.	5.8
4	22: 4:30	478.	16.7	958.	20.3	47.	5.9
3	22: 4:20	493.	16.6	956.	20.4	48.	6.0
2	22: 4:10	512.	16.5	954.	20.4	48.	5.9
1	22: 4: 0	556.	16.3	949.	20.7	47.	5.8

SITE 6. SAN JOSE UTMX= 599.
25 OCT 1976 UTMY=4132.
22 4-2216 PDT SODAR HT.= 68. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
30	22: 8:10	16.	17.4	1011.	16.5	70.	8.7
33	22: 9:10	45.	17.1	1008.	16.5	70.	8.5
34	22: 9:20	78.	16.9	1004.	16.6	70.	8.5
35	22: 9:30	116.	16.8	999.	16.9	70.	8.4
36	22: 9:40	150.	17.0	995.	17.4	68.	8.3
37	22: 9:50	190.	17.4	991.	18.2	60.	7.6
38	22:10: 0	223.	17.8	987.	18.9	52.	6.8
39	22:10:10	252.	17.9	983.	19.3	51.	6.7
40	22:10:20	278.	17.8	980.	19.5	50.	6.5
41	22:10:30	300.	17.7	978.	19.6	50.	6.5
42	22:10:40	326.	17.4	975.	19.5	50.	6.4
43	22:10:50	346.	17.2	973.	19.5	49.	6.2
44	22:11: 0	379.	17.0	969.	19.6	49.	6.2
45	22:11:10	408.	16.9	965.	19.8	48.	6.0
46	22:11:20	437.	16.8	962.	20.0	48.	6.0
47	22:11:30	460.	16.7	960.	20.1	48.	6.0
48	22:11:40	481.	16.6	957.	20.2	48.	5.9
49	22:11:50	509.	16.3	954.	20.2	48.	5.9
50	22:12: 0	535.	16.4	951.	20.6	47.	5.8
51	22:12:10	561.	16.4	948.	20.8	45.	5.6
52	22:12:20	592.	16.4	945.	21.1	42.	5.2
53	22:12:30	620.	16.5	942.	21.5	40.	5.0
54	22:12:40	645.	16.4	939.	21.7	39.	4.9
55	22:12:50	682.	16.1	935.	21.7	38.	4.7
56	22:13: 0	722.	15.8	930.	21.8	38.	4.6
57	22:13:10	747.	15.6	928.	21.9	38.	4.5
58	22:13:20	759.	15.5	926.	21.9	38.	4.5
59	22:13:30	765.	15.6	926.	22.1	38.	4.6
60	22:13:40	773.	15.6	925.	22.1	38.	4.6
61	22:13:50	774.	15.7	925.	22.2	38.	4.6
62	22:14: 0	774.	15.7	925.	22.2	38.	4.6
63	22:14:10	786.	15.6	923.	22.3	38.	4.6
64	22:14:20	796.	15.5	922.	22.3	38.	4.5
65	22:14:30	804.	15.3	921.	22.1	38.	4.5
66	22:14:40	811.	15.3	921.	22.2	38.	4.5
67	22:14:50	825.	15.1	919.	22.1	38.	4.4
68	22:15: 0	850.	15.0	916.	22.3	38.	4.4
69	22:15:10	863.	14.8	915.	22.2	38.	4.4
70	22:15:20	866.	14.8	915.	22.2	38.	4.4
71	22:15:30	876.	14.7	913.	22.2	38.	4.4
72	22:15:40	890.	14.6	912.	22.3	38.	4.3
73	22:15:50	899.	14.5	911.	22.3	38.	4.3
74	22:16: 0	902.	14.4	911.	22.2	38.	4.3
75	22:16:10	907.	14.4	910.	22.2	38.	4.3
76	22:16:20	931.	14.2	907.	22.3	38.	4.2

SITE 7. MENLO PARK UTMX= 573.
25 OCT 1976 UTMY=4145.
2148-2155 PDT SODAR HT.= 18. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
2	21:48:50	71.	17.8	1005.	17.4	60.	7.7
3	21:49: 0	104.	18.0	1001.	17.9	58.	7.5
4	21:49:10	127.	18.7	998.	18.9	54.	7.3
5	21:49:20	151.	18.6	995.	19.0	52.	7.0
6	21:49:30	176.	18.3	992.	18.9	52.	6.9
7	21:49:40	204.	18.1	989.	19.0	51.	6.7
8	21:49:50	233.	17.9	986.	19.1	51.	6.7
9	21:50: 0	264.	17.6	982.	19.1	51.	6.6
10	21:50:10	290.	17.4	979.	19.2	51.	6.5
11	21:50:20	314.	17.1	976.	19.1	51.	6.4
12	21:50:30	334.	16.9	974.	19.1	52.	6.5
13	21:50:40	351.	16.7	972.	19.1	52.	6.4
14	21:50:50	371.	16.6	970.	19.2	52.	6.4
15	21:51: 0	392.	16.5	967.	19.3	52.	6.3
16	21:51:10	421.	16.2	964.	19.2	52.	6.2
17	21:51:20	435.	16.4	962.	19.6	52.	6.3
18	21:51:30	449.	16.4	961.	19.7	52.	6.3
19	21:51:40	467.	16.5	959.	20.0	51.	6.3
20	21:51:50	483.	16.9	957.	20.6	49.	6.2
21	21:52: 0	512.	17.2	954.	21.2	46.	5.9
22	21:52:10	537.	17.1	951.	21.3	44.	5.7
23	21:52:20	551.	17.0	949.	21.3	44.	5.6
24	21:52:30	569.	16.9	947.	21.4	44.	5.6
25	21:52:40	588.	16.9	945.	21.6	42.	5.4
26	21:52:50	606.	16.8	943.	21.7	42.	5.3
27	21:53: 0	625.	16.8	941.	21.9	41.	5.2
28	21:53:10	646.	16.7	939.	22.0	40.	5.1
29	21:53:20	661.	16.5	937.	21.9	40.	5.0
30	21:53:30	680.	16.5	935.	22.1	40.	5.0
31	21:53:40	705.	16.3	932.	22.2	39.	4.9
32	21:53:50	728.	16.1	930.	22.2	39.	4.8
33	21:54: 0	745.	16.0	928.	22.3	39.	4.8
34	21:54:10	758.	15.9	926.	22.3	40.	4.9
35	21:54:20	763.	16.1	926.	22.5	40.	5.0
36	21:54:30	765.	16.1	926.	22.6	40.	5.0
37	21:54:40	765.	16.2	926.	22.7	40.	5.0
38	21:54:50	768.	16.2	925.	22.7	40.	5.0
39	21:55: 0	763.	16.3	926.	22.7	40.	5.0

SITE 8. PULGAS RIDGE UTMX= 559.
25 OCT 1976 UTMY=4152.
2129-2140 PDT SODAR HT.=152. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
25	21:33: 0	218.	18.2	987.	19.3	48.	6.4
24	21:32:50	259.	17.9	982.	19.4	48.	6.3
23	21:32:40	286.	17.8	979.	19.5	48.	6.3
22	21:32:30	311.	17.6	976.	19.6	48.	6.2
21	21:32:20	332.	17.6	974.	19.8	47.	6.1
20	21:32:10	337.	17.5	973.	19.7	46.	5.9
19	21:32: 0	338.	17.7	973.	20.0	47.	6.1
18	21:31:50	341.	17.7	973.	20.0	47.	6.1
17	21:31:40	343.	17.7	973.	20.0	48.	6.3
16	21:31:30	345.	17.7	973.	20.0	49.	6.4
15	21:31:20	377.	17.6	969.	20.2	50.	6.5
14	21:31:10	403.	17.4	966.	20.3	50.	6.5
13	21:31: 0	422.	17.3	964.	20.4	50.	6.4
12	21:30:50	449.	17.1	961.	20.4	49.	6.2
11	21:30:40	472.	16.9	958.	20.5	48.	6.1
10	21:30:30	488.	16.9	956.	20.6	47.	5.9
9	21:30:20	487.	17.3	956.	21.0	46.	6.0
8	21:30:10	502.	17.4	955.	21.3	44.	5.7
7	21:30: 0	527.	17.4	952.	21.5	43.	5.6
6	21:29:50	536.	17.3	951.	21.5	44.	5.7
5	21:29:40	542.	17.4	950.	21.7	44.	5.8
4	21:29:30	565.	17.2	948.	21.7	43.	5.6
3	21:29:20	584.	17.1	946.	21.8	42.	5.4
2	21:29:10	598.	17.1	944.	21.9	41.	5.3
1	21:29: 0	601.	17.2	944.	22.1	41.	5.3

SITE 8. PULGAS RIDGE UTMX= 559.
25 OCT 1976 UTMY=4152.
2129-2140 PDT SODAR HT.=152. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
26	21:33:10	180.	18.0	992.	18.7	50.	6.5
27	21:33:20	182.	17.7	991.	18.4	51.	6.5
28	21:33:30	205.	18.1	989.	19.0	49.	6.5
29	21:33:40	209.	18.3	988.	19.3	48.	6.4
30	21:33:50	230.	18.3	986.	19.5	48.	6.4
31	21:34: 0	256.	18.2	983.	19.6	47.	6.3
32	21:34:10	288.	18.1	979.	19.9	46.	6.1
33	21:34:20	309.	18.0	977.	20.0	46.	6.1
34	21:34:30	326.	17.8	975.	19.9	46.	6.0
35	21:34:40	343.	17.8	973.	20.1	46.	6.1
36	21:34:50	377.	17.5	969.	20.1	47.	6.1
37	21:35: 0	399.	17.5	966.	20.4	47.	6.1
38	21:35:10	430.	17.2	963.	20.4	48.	6.1
39	21:35:20	464.	16.9	959.	20.4	48.	6.1
40	21:35:30	483.	16.8	957.	20.5	48.	6.0
41	21:35:40	510.	16.8	954.	20.7	47.	5.9
42	21:35:50	540.	17.0	950.	21.2	45.	5.8
43	21:36: 0	567.	17.1	947.	21.6	43.	5.6
44	21:36:10	590.	17.1	945.	21.8	42.	5.4
49	21:36:20	615.	17.1	942.	22.1	40.	5.2
50	21:36:30	636.	17.1	940.	22.3	40.	5.2
51	21:36:40	659.	17.1	937.	22.5	39.	5.1
52	21:36:50	686.	16.9	934.	22.6	39.	5.0
53	21:37: 0	702.	16.8	932.	22.6	39.	5.0
54	21:37:10	712.	16.8	931.	22.7	39.	5.0
55	21:37:20	746.	16.6	928.	22.9	38.	4.9
56	21:37:30	764.	16.4	926.	22.9	38.	4.8
57	21:37:40	766.	16.5	925.	23.0	39.	5.0
58	21:37:50	766.	16.5	925.	23.0	39.	5.0
59	21:38: 0	777.	16.4	924.	23.0	39.	4.9
60	21:38:10	779.	16.5	924.	23.1	39.	5.0
61	21:38:20	778.	16.6	924.	23.2	38.	4.9
62	21:38:30	776.	16.5	924.	23.1	39.	5.0
63	21:38:40	778.	16.3	924.	22.9	39.	4.9
64	21:38:50	779.	16.3	924.	22.9	39.	4.9
65	21:39: 0	782.	16.4	924.	23.0	39.	4.9
66	21:39:10	783.	16.6	924.	23.3	38.	4.9
67	21:39:20	787.	16.6	923.	23.3	38.	4.9
68	21:39:30	789.	16.6	923.	23.3	38.	4.9
69	21:39:40	792.	16.4	923.	23.1	38.	4.8
70	21:39:50	794.	16.5	922.	23.3	38.	4.8
71	21:40: 0	801.	16.5	922.	23.3	38.	4.9
72	21:40:10	802.	16.3	922.	23.1	38.	4.8

SITE 11. EL CERRITO UTMX= 560.
25 OCT 1976 UTMY=4194.
18 6-1819 PDT SODAR HT.= 60. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
36	18:11:50	43.	20.1	1008.	19.4	42.	6.2
35	18:11:40	78.	20.1	1004.	19.8	40.	5.9
34	18:11:30	109.	20.1	1000.	20.1	39.	5.8
33	18:11:20	124.	20.2	998.	20.3	39.	5.8
38	18:11:10	139.	20.1	997.	20.4	39.	5.8
37	18:11: 0	146.	20.0	996.	20.3	40.	5.9
36	18:10:50	153.	20.0	995.	20.4	40.	5.9
35	18:10:40	188.	19.9	991.	20.7	40.	5.9
34	18:10:30	222.	20.0	987.	21.1	37.	5.5
33	18:10:20	246.	20.0	984.	21.3	36.	5.4
32	18:10:10	271.	19.9	981.	21.5	36.	5.3
31	18:10: 0	289.	19.6	979.	21.3	36.	5.3
30	18: 9:50	302.	19.5	978.	21.4	36.	5.2
19	18: 9:40	305.	19.5	978.	21.4	36.	5.2
18	18: 9:30	305.	19.5	978.	21.4	36.	5.2
17	18: 9:20	317.	19.4	976.	21.4	36.	5.2
16	18: 9:10	341.	19.2	973.	21.5	37.	5.3
15	18: 9: 0	368.	18.9	970.	21.4	37.	5.2
14	18: 8:50	378.	18.8	969.	21.4	37.	5.2
13	18: 8:40	392.	18.7	968.	21.5	37.	5.2
12	18: 8:30	396.	18.7	967.	21.5	37.	5.2
11	18: 8:20	396.	18.7	967.	21.5	38.	5.3
10	18: 8:10	409.	18.6	966.	21.5	38.	5.3
9	18: 8: 0	448.	18.2	961.	21.5	38.	5.2
8	18: 7:50	478.	17.9	958.	21.5	38.	5.1
7	18: 7:40	514.	17.7	954.	21.6	38.	5.1
6	18: 7:30	528.	17.6	952.	21.7	38.	5.0
5	18: 7:20	551.	17.4	950.	21.7	38.	5.0
4	18: 7:10	566.	17.2	948.	21.7	38.	4.9
3	18: 7: 0	586.	17.0	946.	21.7	38.	4.9
2	18: 6:50	608.	16.8	943.	21.7	38.	4.8
1	18: 6:40	634.	16.7	940.	21.8	38.	4.8

SITE 10. SAN RAFAEL UTMX= 542.
25 OCT 1976 UTMY=4208.
1749-1759 PDT SODAR HT.= 37. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
30	17:53:50	43.	19.6	1008.	18.9	45.	6.4
29	17:53:40	68.	20.4	1005.	20.0	40.	6.0
24	17:53:30	93.	20.2	1002.	20.0	40.	5.9
23	17:53:20	113.	20.4	1000.	20.4	39.	5.9
22	17:53:10	127.	20.3	998.	20.5	38.	5.7
21	17:53: 0	134.	20.3	997.	20.5	39.	5.8
20	17:52:50	148.	20.5	996.	20.9	38.	5.8
19	17:52:40	175.	20.4	993.	21.0	37.	5.6
18	17:52:30	189.	20.2	991.	21.0	37.	5.5
17	17:52:20	211.	20.0	988.	21.0	37.	5.5
16	17:52:10	235.	20.1	986.	21.3	37.	5.5
15	17:52: 0	250.	20.1	984.	21.5	36.	5.4
14	17:51:50	284.	19.6	980.	21.3	37.	5.4
13	17:51:40	303.	19.4	978.	21.3	36.	5.2
12	17:51:30	306.	19.5	977.	21.4	36.	5.2
11	17:51:20	307.	19.7	977.	21.6	36.	5.3
10	17:51:10	333.	19.4	974.	21.6	37.	5.4
9	17:51: 0	355.	19.3	972.	21.7	36.	5.2
8	17:50:50	381.	19.0	969.	21.6	36.	5.1
7	17:50:40	396.	18.9	967.	21.7	37.	5.2
6	17:50:30	419.	18.8	965.	21.8	37.	5.2
5	17:50:20	462.	18.5	960.	21.9	37.	5.1
4	17:50:10	502.	18.1	955.	21.9	37.	5.0
3	17:50: 0	548.	17.7	950.	22.0	37.	4.9
2	17:49:50	572.	17.5	947.	22.0	38.	5.0
1	17:49:40	597.	17.2	945.	22.0	38.	4.9

SITE 10. SAN RAFAEL UTMX= 542.
25 OCT 1976 UTMY=4208.
1749-1759 PDT SODAR HT.= 37. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
31	17:54: 0	19.	19.1	1011.	18.2	47.	6.5
34	17:54:50	59.	20.4	1006.	19.9	42.	6.3
35	17:55: 0	93.	20.5	1002.	20.3	40.	6.0
36	17:55:10	120.	20.4	999.	20.5	40.	6.0
37	17:55:20	140.	20.1	997.	20.4	39.	5.8
38	17:55:30	155.	20.5	995.	20.9	38.	5.8
39	17:55:40	181.	20.3	992.	21.0	37.	5.6
40	17:55:50	201.	20.3	990.	21.2	36.	5.4
41	17:56: 0	220.	20.0	987.	21.1	36.	5.3
42	17:56:10	252.	20.0	984.	21.4	36.	5.4
43	17:56:20	292.	19.6	979.	21.4	35.	5.1
44	17:56:30	314.	19.5	977.	21.5	35.	5.1
45	17:56:40	335.	19.5	974.	21.7	35.	5.1
46	17:56:50	367.	19.2	971.	21.7	35.	5.0
47	17:57: 0	389.	19.0	968.	21.7	35.	5.0
48	17:57:10	411.	18.9	966.	21.8	35.	5.0
49	17:57:20	443.	18.7	962.	22.0	35.	4.9
50	17:57:30	476.	18.3	958.	21.9	35.	4.8
51	17:57:40	512.	18.0	954.	21.9	35.	4.7
52	17:57:50	534.	17.8	952.	21.9	36.	4.8
53	17:58: 0	546.	17.7	950.	22.0	36.	4.8
54	17:58:10	567.	17.5	948.	22.0	36.	4.8
55	17:58:20	580.	17.4	947.	22.0	36.	4.7
56	17:58:30	609.	17.2	943.	22.1	36.	4.7
57	17:58:40	634.	16.9	941.	22.0	37.	4.7
58	17:58:50	663.	16.7	937.	22.1	37.	4.7
59	17:59: 0	693.	16.4	934.	22.1	37.	4.6
60	17:59:10	713.	16.3	932.	22.2	37.	4.6
61	17:59:20	737.	16.1	929.	22.2	37.	4.6
62	17:59:30	758.	15.9	927.	22.2	37.	4.5
63	17:59:40	778.	16.0	925.	22.5	37.	4.6
64	17:59:50	789.	16.3	923.	23.0	36.	4.5

SITE 11. EL CERRITO UTMX= 560.
25 OCT 1976 UTMY=4194.
18 6-1819 PDT SODAR HT.= 60. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
37	18:12: 0	14.	20.2	1011.	19.3	44.	6.5
41	18:12:50	30.	20.1	1009.	19.3	42.	6.1
42	18:13: 0	62.	20.4	1006.	19.9	39.	5.8
43	18:13:10	99.	20.2	1001.	20.1	39.	5.8
44	18:13:20	121.	20.0	999.	20.1	39.	5.7
45	18:13:30	145.	19.8	996.	20.1	40.	5.8
46	18:13:40	179.	19.8	992.	20.5	38.	5.6
47	18:13:50	208.	19.9	989.	20.9	36.	5.3
48	18:14: 0	246.	19.8	984.	21.1	35.	5.1
49	18:14:10	287.	19.6	980.	21.3	35.	5.1
50	18:14:20	313.	19.4	977.	21.4	34.	4.9
51	18:14:30	343.	19.0	973.	21.3	35.	5.0
52	18:14:40	372.	18.5	970.	21.1	35.	4.8
53	18:14:50	403.	18.2	966.	21.1	35.	4.7
54	18:15: 0	414.	18.3	965.	21.3	35.	4.8
55	18:15:10	431.	18.3	963.	21.4	36.	4.9
56	18:15:20	461.	18.0	960.	21.4	36.	4.9
57	18:15:30	467.	18.1	959.	21.6	36.	4.9
58	18:15:40	500.	17.8	955.	21.6	36.	4.8
59	18:15:50	522.	17.7	953.	21.7	36.	4.8
60	18:16: 0	547.	17.5	950.	21.8	37.	4.9
61	18:16:10	569.	17.4	948.	21.9	36.	4.7
62	18:16:20	589.	17.2	945.	21.9	37.	4.8
63	18:16:30	602.	17.1	944.	21.9	37.	4.8
64	18:16:40	624.	16.9	942.	21.9	37.	4.7
65	18:16:50	652.	16.6	938.	21.9	37.	4.7
66	18:17: 0	565.	16.5	937.	21.9	37.	4.6
67	18:17:10	689.	16.2	934.	21.9	37.	4.6
68	18:17:20	710.	16.2	932.	22.1	37.	4.6
69	18:17:30	728.	16.1	930.	22.2	37.	4.6
70	18:17:40	756.	15.9	927.	22.2	37.	4.5
71	18:17:50	770.	15.7	925.	22.2	37.	4.5
72	18:18: 0	777.	15.8	925.	22.3	38.	4.6
74	18:18:20	775.	15.9	925.	22.4	38.	4.7
75	18:18:30	784.	15.8	924.	22.4	38.	4.6
76	18:18:40	790.	15.9	923.	22.6	38.	4.7
77	18:18:50	799.	15.9	922.	22.7	37.	4.5
78	18:19: 0	807.	15.8	921.	22.6	37.	4.5
79	18:19:10	827.	15.5	919.	22.5	37.	4.4
80	18:19:20	835.	15.6	918.	22.7	37.	4.5

SITE 13. SAN LORENZO UTMX= 574.
25 OCT 1976 UTMY=4169.
2040-2047 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
18	20:43:30	13.	19.1	1011.	18.2	54.	7.4
19	20:43:40	25.	19.1	1010.	18.3	54.	7.4
20	20:43:50	56.	18.9	1006.	18.4	54.	7.4
21	20:44: 0	103.	18.5	1001.	18.4	53.	7.1
22	20:44:10	131.	18.2	998.	18.4	52.	6.9
23	20:44:20	166.	17.9	993.	18.4	51.	6.6
24	20:44:30	205.	17.8	989.	18.7	49.	6.3
25	20:44:40	248.	17.9	984.	19.3	47.	6.2
26	20:44:50	288.	17.9	979.	19.6	46.	6.1
27	20:45: 0	317.	17.6	976.	19.6	47.	6.1
28	20:45:10	346.	17.4	973.	19.7	47.	6.0
29	20:45:20	382.	17.1	969.	19.8	48.	6.1
30	20:45:30	411.	16.9	965.	19.8	48.	6.0
31	20:45:40	452.	16.6	961.	20.0	48.	5.9
32	20:45:50	477.	16.4	958.	20.0	48.	5.9
33	20:46: 0	517.	16.5	953.	20.5	47.	5.8
34	20:46:10	549.	16.4	950.	20.7	47.	5.8
35	20:46:20	575.	16.4	947.	21.0	46.	5.7
36	20:46:30	600.	16.6	944.	21.4	44.	5.5
37	20:46:40	639.	16.4	940.	21.6	43.	5.4
38	20:46:50	665.	16.5	937.	22.0	41.	5.2
39	20:47: 0	682.	16.8	935.	22.4	39.	5.0
40	20:47:10	704.	16.7	932.	22.6	39.	5.0
41	20:47:20	733.	16.5	929.	22.6	38.	4.8
42	20:47:30	755.	16.5	927.	22.9	38.	4.8
43	20:47:40	790.	16.2	923.	22.9	37.	4.6
44	20:47:50	801.	16.1	922.	22.9	37.	4.6

SITE 13. SAN LORENZO UTMX= 574.
25 OCT 1976 UTMY=4169.
2040-2047 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
17	20:43:20	17.	19.0	1011.	18.1	57.	7.8
16	20:43:10	36.	18.7	1009.	18.0	58.	7.8
15	20:43: 0	64.	18.4	1005.	17.9	58.	7.7
14	20:42:50	75.	18.6	1004.	18.3	55.	7.4
13	20:42:40	90.	18.6	1002.	18.4	54.	7.3
12	20:42:30	123.	18.4	998.	18.5	53.	7.1
11	20:42:20	165.	17.9	994.	18.4	52.	6.7
10	20:42:10	197.	17.9	990.	18.7	51.	6.6
9	20:42: 0	238.	17.9	985.	19.2	49.	6.4
8	20:41:50	279.	17.7	980.	19.4	48.	6.2
7	20:41:40	307.	17.8	977.	19.7	48.	6.3
6	20:41:30	338.	17.5	974.	19.7	49.	6.3
5	20:41:20	379.	17.2	969.	19.8	49.	6.2
4	20:41:10	433.	16.8	963.	20.0	49.	6.1
3	20:41: 0	475.	16.6	958.	20.2	50.	6.2
2	20:40:50	521.	16.9	953.	20.9	47.	6.0
1	20:40:40	574.	16.9	947.	21.5	44.	5.6

SITE 14. SAN PABLO BAY
25 OCT 1976
1714-1724 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
26	17:18:40	9.	21.3	1012.	20.3	39.	6.1
29	17:19:30	24.	21.2	1010.	20.3	39.	6.1
30	17:19:40	47.	21.4	1007.	20.8	37.	5.9
31	17:19:50	74.	21.4	1004.	21.0	36.	5.7
33	17:20:10	136.	21.0	997.	21.2	35.	5.5
34	17:20:20	167.	20.5	993.	21.0	35.	5.3
35	17:20:30	194.	20.2	990.	21.0	36.	5.4
36	17:20:40	225.	19.8	987.	20.9	36.	5.3
37	17:20:50	260.	19.7	983.	21.2	36.	5.3
38	17:21: 0	288.	19.5	980.	21.2	36.	5.2
39	17:21:10	313.	19.3	977.	21.3	36.	5.2
40	17:21:20	334.	19.2	974.	21.4	36.	5.2
41	17:21:30	361.	19.0	971.	21.4	36.	5.1
42	17:21:40	374.	18.9	970.	21.5	36.	5.1
43	17:21:50	392.	18.7	968.	21.5	36.	5.0
44	17:22: 0	416.	18.7	965.	21.7	36.	5.0
45	17:22:10	449.	18.4	961.	21.7	36.	5.0
46	17:22:20	468.	18.4	959.	21.9	36.	5.0
47	17:22:30	481.	18.3	958.	21.9	36.	5.0
48	17:22:40	495.	18.6	956.	22.4	35.	4.9
49	17:22:50	524.	18.5	953.	22.6	35.	4.9
50	17:23: 0	552.	18.2	950.	22.5	35.	4.8
51	17:23:10	579.	17.8	947.	22.4	35.	4.7
52	17:23:20	578.	17.9	947.	22.5	35.	4.8
53	17:23:30	595.	17.7	945.	22.4	35.	4.7
54	17:23:40	615.	17.5	943.	22.4	35.	4.7
55	17:23:50	639.	17.3	940.	22.5	35.	4.6
56	17:24: 0	672.	17.1	936.	22.6	35.	4.6
57	17:24:10	708.	16.9	932.	22.8	35.	4.5
58	17:24:20	723.	16.8	931.	22.8	35.	4.5
59	17:24:30	750.	16.6	928.	22.9	35.	4.5
60	17:24:40	763.	16.5	926.	22.9	35.	4.4

SITE 14. SAN PABLO BAY
25 OCT 1976
1714-1727 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
61	17:24:50	782.	16.5	924.	23.1	35.	4.5
62	17:25: 0	776.	16.6	925.	23.1	35.	4.5
63	17:25:10	774.	16.5	925.	23.0	35.	4.4
64	17:25:20	779.	16.5	925.	23.1	35.	4.5
65	17:25:30	783.	16.6	924.	23.2	35.	4.5
66	17:25:40	794.	16.6	923.	23.3	35.	4.5
67	17:25:50	798.	16.6	923.	23.4	35.	4.5
68	17:26: 0	798.	16.7	923.	23.5	34.	4.4
69	17:26:10	798.	16.6	923.	23.4	35.	4.5
70	17:26:20	795.	16.4	923.	23.1	35.	4.4
71	17:26:30	800.	16.3	922.	23.1	36.	4.5
72	17:26:40	806.	16.2	922.	23.0	36.	4.5
73	17:26:50	810.	16.1	921.	23.0	36.	4.5
74	17:27: 0	809.	16.2	921.	23.1	36.	4.5
75	17:27:10	808.	16.3	921.	23.1	35.	4.4
76	17:27:20	808.	16.4	921.	23.2	35.	4.4
25	17:18:30	17.	21.5	1011.	20.6	37.	5.9
24	17:18:20	26.	21.5	1010.	20.7	36.	5.7
23	17:18:10	40.	21.3	1008.	20.6	37.	5.8
22	17:18: 0	56.	21.2	1006.	20.7	37.	5.8
21	17:17:50	75.	21.1	1004.	20.7	37.	5.8
20	17:17:40	82.	21.1	1003.	20.8	37.	5.8
19	17:17:30	98.	21.1	1002.	21.0	37.	5.8
18	17:17:20	118.	20.9	999.	21.0	37.	5.7
17	17:17:10	134.	20.8	997.	21.0	37.	5.7
16	17:17: 0	154.	20.8	995.	21.2	37.	5.7
15	17:16:50	191.	20.4	991.	21.2	37.	5.6
14	17:16:40	226.	20.1	987.	21.2	38.	5.7
13	17:16:30	266.	19.8	982.	21.3	37.	5.5
12	17:16:20	306.	19.4	978.	21.3	37.	5.3
11	17:16:10	347.	19.1	973.	21.4	37.	5.3
10	17:16: 0	391.	18.8	968.	21.5	37.	5.2
9	17:15:50	421.	18.7	964.	21.7	37.	5.2
8	17:15:40	457.	18.6	960.	22.0	37.	5.2
7	17:15:30	487.	18.3	957.	22.0	37.	5.1
6	17:15:20	519.	18.1	953.	22.1	37.	5.1
5	17:15:10	552.	17.9	950.	22.2	37.	5.0
4	17:15: 0	577.	17.8	947.	22.4	37.	5.0
3	17:14:50	610.	17.6	943.	22.5	36.	4.8
2	17:14:40	646.	17.4	939.	22.6	36.	4.8
1	17:14:30	681.	17.1	935.	22.7	36.	4.7

SITE 15. COLLINSVILLE UTMX= 601.
25 OCT 1976 UTMY=4215.
1626-1636 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
21	16:30:10	57.	21.5	1006.	21.0	35.	5.6
20	16:30: 0	99.	21.4	1001.	21.3	35.	5.6
19	16:29:50	123.	21.2	999.	21.3	34.	5.4
18	16:29:40	151.	20.6	995.	21.0	34.	5.2
17	16:29:30	188.	20.4	991.	21.2	34.	5.2
16	16:29:20	227.	20.1	987.	21.2	34.	5.1
15	16:29:10	257.	19.9	983.	21.3	34.	5.0
14	16:29: 0	288.	19.6	980.	21.3	35.	5.1
13	16:28:50	318.	19.2	976.	21.2	35.	5.0
12	16:28:40	359.	18.5	971.	20.9	36.	4.9
11	16:28:30	382.	18.4	969.	21.0	35.	4.8
10	16:28:20	411.	18.1	966.	21.0	35.	4.7
9	16:28:10	435.	18.0	963.	21.2	35.	4.7
8	16:28: 0	478.	17.5	958.	21.1	37.	4.8
7	16:27:50	515.	17.3	954.	21.3	36.	4.7
6	16:27:40	577.	16.4	947.	21.0	38.	4.7
5	16:27:30	632.	15.7	941.	20.8	39.	4.6
4	16:27:20	686.	15.2	935.	20.8	39.	4.5
3	16:27:10	731.	15.0	930.	21.1	38.	4.4
2	16:27: 0	755.	14.9	927.	21.2	37.	4.2
1	16:26:50	759.	14.9	927.	21.2	36.	4.1

SITE 15. COLLINSVILLE UTMX= 601.
25 OCT 1976 UTMY=4215.
1626-1636 PDT SODAR HT.= 2. M ASL

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
22	16:30:20	18.	21.9	1011.	21.0	34.	5.5
25	16:31:10	46.	21.5	1008.	20.9	34.	5.4
26	16:31:20	93.	21.1	1002.	20.9	34.	5.3
27	16:31:30	118.	20.9	999.	21.0	33.	5.1
28	16:31:40	144.	20.6	996.	20.9	33.	5.0
29	16:31:50	164.	20.5	994.	21.0	33.	5.0
30	16:32: 0	189.	20.5	991.	21.3	32.	4.9
31	16:32:10	210.	20.3	989.	21.3	32.	4.8
32	16:32:20	242.	20.0	985.	21.3	32.	4.8
33	16:32:30	272.	19.9	981.	21.5	32.	4.7
34	16:32:40	297.	19.5	979.	21.3	33.	4.8
35	16:32:50	322.	19.5	976.	21.6	32.	4.7
36	16:33: 0	340.	19.1	974.	21.3	32.	4.6
37	16:33:10	362.	18.9	971.	21.4	32.	4.5
38	16:33:20	398.	18.4	967.	21.2	33.	4.5
39	16:33:30	427.	18.2	964.	21.3	33.	4.5
40	16:33:40	456.	18.1	960.	21.5	32.	4.3
41	16:33:50	471.	18.0	959.	21.5	32.	4.3
42	16:34: 0	512.	17.8	954.	21.7	32.	4.3
43	16:34:10	550.	17.3	950.	21.6	32.	4.2
44	16:34:20	574.	17.0	947.	21.5	32.	4.1
45	16:34:30	611.	16.7	943.	21.6	32.	4.0
46	16:34:40	634.	16.3	941.	21.4	34.	4.2
47	16:34:50	655.	16.1	938.	21.4	34.	4.2
48	16:35: 0	668.	16.1	937.	21.5	34.	4.2
49	16:35:10	681.	16.2	935.	21.8	32.	3.9
50	16:35:20	705.	16.0	933.	21.8	32.	3.9
51	16:35:30	725.	15.7	930.	21.7	32.	3.8
52	16:35:40	748.	15.5	928.	21.7	33.	3.9
53	16:35:50	764.	15.3	926.	21.7	33.	3.9
54	16:36: 0	784.	15.2	924.	21.8	32.	3.7

SITE 17. OCEAN
25 OCT 1976
2111-2124 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
48	21:18:20	13.	16.3	1011.	15.4	76.	8.8
47	21:18:10	12.	16.2	1012.	15.3	72.	8.3
46	21:18: 0	17.	16.0	1011.	15.1	70.	7.9
45	21:17:50	12.	16.3	1012.	15.4	71.	8.2
40	21:17:20	28.	16.1	1010.	15.3	68.	7.8
39	21:17:10	67.	16.4	1005.	16.0	66.	7.7
38	21:17: 0	117.	17.7	999.	17.8	54.	6.9
37	21:16:50	163.	18.0	994.	18.5	50.	6.5
32	21:16:40	205.	18.4	989.	19.3	47.	6.3
31	21:16:30	250.	17.8	984.	19.2	47.	6.1
30	21:16:20	277.	18.9	980.	20.6	45.	6.3
29	21:16:10	290.	19.7	979.	21.5	42.	6.2
28	21:16: 0	304.	19.7	977.	21.6	41.	6.0
27	21:15:50	328.	19.5	975.	21.7	41.	6.0
26	21:15:40	360.	19.4	971.	21.9	40.	5.8
25	21:15:30	392.	19.2	967.	22.0	39.	5.6
24	21:15:20	411.	19.1	965.	22.1	39.	5.6
23	21:15:10	445.	19.0	961.	22.3	38.	5.4
22	21:15: 0	454.	19.0	960.	22.4	38.	5.5
21	21:14:50	463.	18.9	959.	22.4	38.	5.4
20	21:14:40	463.	18.8	959.	22.3	39.	5.5
19	21:14:30	475.	18.6	958.	22.2	39.	5.5
18	21:14:20	478.	18.4	958.	22.0	40.	5.5
17	21:14:10	484.	18.2	957.	21.9	41.	5.6
16	21:14: 0	493.	18.2	956.	22.0	41.	5.6
15	21:13:50	507.	18.0	954.	21.9	41.	5.6
14	21:13:40	526.	18.1	952.	22.2	40.	5.5
13	21:13:30	537.	18.0	951.	22.2	39.	5.3
12	21:13:20	550.	18.0	950.	22.3	39.	5.3
11	21:13:10	561.	17.9	948.	22.3	39.	5.3
10	21:13: 0	578.	17.9	946.	22.5	38.	5.2
9	21:12:50	591.	17.9	945.	22.6	38.	5.2
8	21:12:40	603.	17.7	944.	22.6	38.	5.1
7	21:12:30	618.	17.5	942.	22.5	38.	5.1
6	21:12:20	633.	17.5	940.	22.6	38.	5.1
5	21:12:10	654.	17.3	938.	22.7	38.	5.0
4	21:12: 0	680.	17.2	935.	22.8	38.	5.0
3	21:11:50	680.	17.2	935.	22.8	38.	5.0
2	21:11:40	681.	17.1	935.	22.7	38.	5.0
1	21:11:30	677.	17.2	936.	22.8	38.	5.0

SITE 17. OCEAN
25 OCT 1976
2111-2124 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
49	21:18:30	10.	16.3	1012.	15.3	78.	9.0
54	21:19:50	60.	15.9	1006.	15.4	82.	9.3
55	21:20: 0	82.	15.8	1003.	15.5	82.	9.3
56	21:20:10	106.	15.6	1000.	15.6	82.	9.2
57	21:20:20	143.	15.3	996.	15.6	80.	8.8
58	21:20:30	168.	15.7	993.	16.3	74.	8.4
59	21:20:40	194.	16.5	990.	17.3	68.	8.1
60	21:20:50	213.	18.7	988.	19.7	58.	8.0
61	21:21: 0	233.	19.4	985.	20.6	53.	7.6
62	21:21:10	263.	19.5	982.	21.0	51.	7.4
63	21:21:20	294.	19.1	978.	20.9	49.	7.0
64	21:21:30	316.	19.3	976.	21.3	47.	6.8
65	21:21:40	335.	19.2	974.	21.4	45.	6.5
66	21:21:50	361.	19.1	971.	21.6	44.	6.3
67	21:22: 0	387.	19.0	968.	21.7	43.	6.1
68	21:22:10	422.	18.8	964.	21.9	42.	5.9
69	21:22:20	460.	18.6	960.	22.1	41.	5.7
70	21:22:30	500.	18.2	955.	22.0	41.	5.6
71	21:22:40	536.	18.0	951.	22.2	40.	5.4
72	21:22:50	553.	17.9	949.	22.3	40.	5.4
73	21:23: 0	584.	17.8	946.	22.5	40.	5.4
74	21:23:10	616.	17.5	942.	22.5	39.	5.2
75	21:23:20	647.	17.3	939.	22.6	39.	5.1
76	21:23:30	661.	17.2	937.	22.6	39.	5.1
77	21:23:40	693.	17.0	934.	22.7	39.	5.1
78	21:23:50	728.	16.7	930.	22.8	39.	5.0
79	21:24: 0	764.	16.4	926.	22.8	39.	4.9
80	21:24:10	787.	16.3	923.	23.0	39.	4.9
81	21:24:20	791.	16.4	923.	23.1	39.	4.9
82	21:24:30	802.	16.4	922.	23.2	39.	4.9
83	21:24:40	798.	16.4	922.	23.2	39.	4.9

SITE 19. S.F. BAY
25 OCT 1976
2052-21 2 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
12	20:53:50	37.	18.0	1009.	17.3	62.	8.0
11	20:53:40	71.	18.1	1005.	17.7	59.	7.7
10	20:53:30	97.	18.2	1002.	18.1	58.	7.6
9	20:53:20	122.	18.2	999.	18.3	56.	7.4
8	20:53:10	146.	18.3	996.	18.7	53.	7.0
7	20:53: 0	178.	18.6	992.	19.3	50.	6.8
6	20:52:50	224.	18.8	987.	19.9	44.	6.1
5	20:52:40	260.	18.7	983.	20.2	45.	6.2
4	20:52:30	290.	18.5	979.	20.3	46.	6.3
3	20:52:20	319.	18.1	976.	20.1	46.	6.2
2	20:52:10	351.	17.9	972.	20.3	46.	6.1
1	20:52: 0	375.	17.9	969.	20.5	46.	6.1

SITE 19, S.F. BAY
25 OCT 1976
2052-21 2 PDT

I	TIME (PDT)	HEIGHT ASL (M)	TEMP. (C)	PRESS. (MB)	POT. TEMP. (C)	REL. HUMIDITY (PCT)	MIXING RATIO (G/KG)
13	20:54: 0	17.	17.7	1011.	16.8	68.	8.6
17	20:55:20	28.	17.4	1010.	16.6	70.	8.7
18	20:55:30	44.	17.9	1008.	17.3	67.	8.6
19	20:55:40	67.	17.8	1005.	17.4	67.	8.6
20	20:55:50	97.	17.9	1002.	17.8	66.	8.5
21	20:56: 0	122.	17.8	999.	17.9	66.	8.5
22	20:56:10	146.	17.6	996.	18.0	65.	8.3
23	20:56:20	170.	17.6	993.	18.2	62.	7.9
24	20:56:30	176.	17.6	992.	18.2	61.	7.8
25	20:56:40	191.	17.9	990.	18.7	57.	7.4
26	20:56:50	217.	18.3	987.	19.4	50.	6.7
27	20:57: 0	241.	18.4	985.	19.7	49.	6.6
28	20:57:10	267.	18.1	982.	19.6	49.	6.5
29	20:57:20	291.	18.0	979.	19.8	49.	6.5
30	20:57:30	306.	17.8	977.	19.7	49.	6.4
31	20:57:40	317.	17.6	976.	19.6	49.	6.3
32	20:57:50	327.	17.7	975.	19.8	49.	6.4
33	20:58: 0	341.	17.5	973.	19.8	49.	6.3
34	20:58:10	357.	17.3	971.	19.7	50.	6.4
35	20:58:20	372.	17.3	970.	19.9	50.	6.4
36	20:58:30	401.	17.4	966.	20.3	50.	6.5
37	20:58:40	433.	17.2	963.	20.4	49.	6.3
38	20:58:50	458.	17.4	960.	20.8	48.	6.2
39	20:59: 0	490.	17.2	956.	20.9	47.	6.1
40	20:59:10	515.	17.1	953.	21.1	46.	5.9
41	20:59:20	536.	17.1	951.	21.3	46.	5.9
42	20:59:30	558.	17.1	949.	21.5	45.	5.8
43	20:59:40	577.	17.1	947.	21.7	43.	5.6
44	20:49:50	594.	17.1	945.	21.9	42.	5.4
50	21: 0:20	642.	17.3	939.	22.5	40.	5.3
51	21: 0:30	669.	17.1	936.	22.6	40.	5.2
52	21: 0:40	695.	17.0	933.	22.8	39.	5.1
53	21: 0:50	710.	17.1	932.	23.0	38.	5.0
54	21: 1: 0	749.	16.8	927.	23.1	38.	4.9
55	21: 1:10	775.	16.5	925.	23.1	38.	4.8
56	21: 1:20	785.	16.4	924.	23.1	38.	4.8
57	21: 1:30	795.	16.5	922.	23.3	37.	4.7
58	21: 1:40	799.	16.5	922.	23.3	37.	4.7
59	21: 1:50	798.	16.6	922.	23.4	38.	4.9
60	21: 2: 0	801.	16.4	922.	23.2	38.	4.8