The DOE CBNP Salt Lake City URBAN Experiment of October 2000

LANL Urban Wind and Temperature Measurements Data Report

Appendix C: Wind and Temperature Data Plots

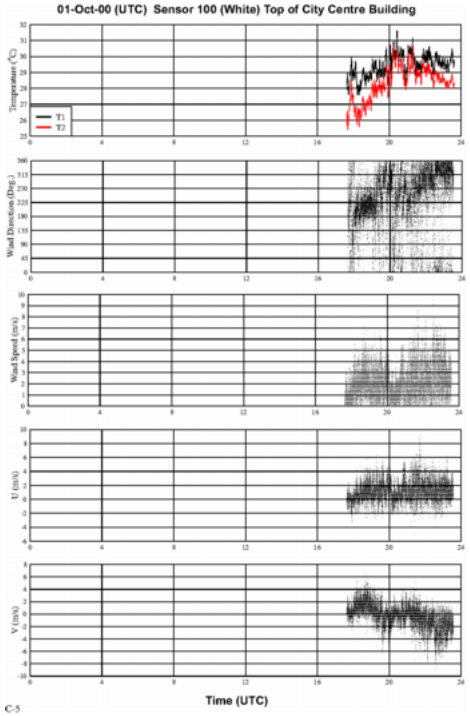
The following table repeats the listing of data files found in section IV, but includes the page number within this appendix on which the plot may be found.

Plot	**White (100)**		Plot	**Black (200)**		Plot	**Yellow (300)**	
Page #	Start (MDT)	Stop (MDT)	Page #	Start (MDT)	Stop (MDT)	Page #	Start (MDT)	Stop (MDT)
C-5	1-Oct 11:37:41	1-Oct 17:37:40				C-6	1-Oct 11:22:02	2-Oct 09:50:00
C-9	2-Oct 11:24:35	2-Oct 17:24:34				C-10, 14	2-Oct 10:57:18	3-Oct 10:35:30
C-13	3-Oct 12:27:58	3-Oct 18:27:57						
C-17	4-Oct 09:15:42	4-Oct 15:15:41	C-18	4-Oct 10:40:56	4-Oct 16:40:55	C-19	4-Oct 08:55:00	5-Oct 07:42:51
C-22	5-Oct 09:46:16	5-Oct 15:46:15	C-23	5-Oct 10:59:20	5-Oct 16:59:19	C-24, 27	5-Oct 09:25:04	6-Oct 08:39:02
C-28	7-Oct 14:22:05	7-Oct 20:22:04				C-29	7-Oct 14:34:14	8-Oct 09:53:18
C-33	8-Oct 10:34:45	8-Oct 16:34:44				C-34	8-Oct 10:02:40	9-Oct 07:38:49
C-38	9-Oct 08:40:02	9-Oct 14:40:01				C-39	9-Oct 08:22:22	10-Oct 13:11:19
C-43	10-Oct 17:04:58	10-Oct 23:04:57				C-44	10-Oct 17:12:49	11-Oct 10:58:24
C-47	11-Oct 10:50:25	11-Oct 16:50:24				C-48	11-Oct 11:00:54	12-Oct 10:33:11
C-52	12-Oct 11:59:25	12-Oct 17:59:24				C-53	12-Oct 12:12:00	12-Oct 21:10:50
C-57	12-Oct 20:59:01	13-Oct 02:59:00	C-58	12-Oct 20:12:49	13-Oct 02:12:48	C-59	12-Oct 21:13:21	13-Oct 17:35:02
C-57	13-Oct 17:38:49	13-Oct 23:38:48	C-58, 64	13-Oct 15:58:47	13-Oct 21:58:46	C-59	13-Oct 17:53:31	14-Oct 14:08:14
C-63	14-Oct 14:16:43	14-Oct 20:16:42	C-69	14-Oct 18:25:35	15-Oct 00:25:34	C-65	14-Oct 14:29:39	15-Oct 13:21:24
C-68	15-Oct 14:39:29	15-Oct 20:39:28	C-69	15-Oct 13:55:30	15-Oct 19:55:29	C-70	15-Oct 14:51:00	16-Oct 13:26:37
C-74	16-Oct 14:37:24	16-Oct 20:37:23	C-75	16-Oct 13:43:09	16-Oct 19:43:08	C-76	16-Oct 14:48:09	17-Oct 12:54:53
C-80	17-Oct 13:48:04	17-Oct 19:48:03	C-81	17-Oct 10:29:30	17-Oct 16:29:29	C-82	17-Oct 13:59:29	17-Oct 20:41:28
C-86	17-Oct 20:27:42	18-Oct 02:27:41	C-87	17-Oct 19:48:51	18-Oct 01:48:50	C-88	17-Oct 20:42:03	18-Oct 14:31:46
C-86	18-Oct 14:23:01	18-Oct 20:23:00	C-87	18-Oct 13:44:12	18-Oct 19:44:11	C-88	18-Oct 14:32:10	19-Oct 13:31:10
C-92	19-Oct 14:47:07	19-Oct 20:47:06	C-93	19-Oct 13:51:17	19-Oct 19:51:16	C-94	19-Oct 15:01:34	20-Oct 09:56:05
C-98	20-Oct 09:44:06	20-Oct 15:44:05	C-99	20-Oct 09:06:40	20-Oct 15:06:39	C-100	20-Oct 09:57:53	20-Oct 20:27:20
C-104	20-Oct 20:17:50	21-Oct 02:17:49	C-105	20-Oct 19:37:04	21-Oct 01:37:03	C-106	20-Oct 20:33:23	21-Oct 16:50:37
C-104	21-Oct 17:04:09	21-Oct 23:04:08	C-105	21-Oct 16:00:01	21-Oct 22:00:00	C-106	21-Oct 17:21:36	22-Oct 12:20:55
C-110	22-Oct 12:14:42	22-Oct 18:14:41	C-111	22-Oct 11:02:58	22-Oct 17:02:57	C-112	22-Oct 12:26:20	23-Oct 12:12:14
C-116	23-Oct 13:52:51	23-Oct 19:52:50	C-117, 123	23-Oct 13:18:15	23-Oct 19:18:14	C-118	23-Oct 14:00:43	24-Oct 11:32:25
C-122	24-Oct 12:13:38	24-Oct 18:13:37				C-124	24-Oct 12:22:25	24-Oct 21:50:27
C-128	24-Oct 22:08:04	25-Oct 04:08:03	C-129	24-Oct 21:13:00	25-Oct 03:12:59	C-130	24-Oct 21:51:26	25-Oct 18:37:37
C-134	25-Oct 20:04:04	26-Oct 02:04:03	C-135	25-Oct 18:32:05	26-Oct 00:32:04	C-136	25-Oct 19:22:06	26-Oct 17:43:44
C-139	26-Oct 19:27:08	27-Oct 01:27:07	C-140	26-Oct 19:44:25	27-Oct 01:44:24	C-141	26-Oct 18:56:23	27-Oct 13:50:13
C-139, 144	27-Oct 13:42:11	27-Oct 19:42:10	C-140, 145	27-Oct 12:49:21	27-Oct 18:49:20	C-141, 146	27-Oct 13:58:52	28-Oct 11:35:11

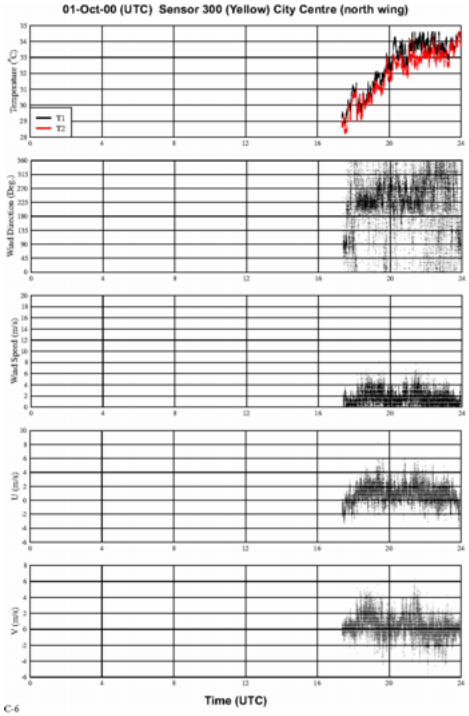
Plot	**Red (400)**		Plot	**Green (500)**		Plot	**Orange (600)**	
Page #	Start (MDT)	Stop (MDT)	Page #	Start (MDT)	Stop (MDT)	Page #	Start (MDT)	Stop (MDT)
C-7	1-Oct 10:57:11	1-Oct 16:57:10				C-8	1-Oct 11:29:44	1-Oct 17:29:43
C-11	2-Oct 10:30:02	2-Oct 16:30:01				C-12	2-Oct 11:09:32	2-Oct 17:09:31
C-15	2-Oct 20:31:13	3-Oct 02:31:12						
C-15	3-Oct 11:51:15	3-Oct 17:51:14				C-16	3-Oct 12:18:55	3-Oct 18:18:54
C-20	4-Oct 09:41:37	4-Oct 15:41:36				C-21	4-Oct 09:05:17	4-Oct 15:05:16
C-25	5-Oct 08:52:47	5-Oct 14:52:46				C-26	5-Oct 09:33:05	5-Oct 15:33:04
			C-31	7-Oct 00:00:57	7-Oct 14:08:25			
C-30	7-Oct 13:58:09	7-Oct 19:58:08	C-31	7-Oct 14:08:32	8-Oct 10:21:34	C-32	7-Oct 14:41:07	7-Oct 20:41:06
C-35	8-Oct 09:37:11	8-Oct 15:37:10	C-36	8-Oct 10:56:19	9-Oct 08:16:44	C-37	8-Oct 10:19:14	8-Oct 16:19:13
C-40	9-Oct 08:09:14	9-Oct 14:09:13	C-41, 45	9-Oct 08:51:59	10-Oct 13:34:30	C-42	9-Oct 08:33:04	9-Oct 14:33:03
						C-46	10-Oct 17:18:30	10-Oct 23:18:29
C-49	11-Oct 10:36:16	11-Oct 16:36:15	C-50	11-Oct 10:15:00	12-Oct 10:38:58	C-51	11-Oct 11:08:39	11-Oct 17:08:38
C-54	12-Oct 11:45:50	12-Oct 17:45:49	C-55, 61	12-Oct 12:31:22	12-Oct 21:26:46	C-56	12-Oct 12:18:09	12-Oct 18:18:08
C-60	12-Oct 20:39:03	13-Oct 02:39:02				C-62	12-Oct 21:20:33	13-Oct 03:20:32
C-60	13-Oct 16:50:49	13-Oct 22:50:48				C-67	13-Oct 18:04:55	14-Oct 00:04:54
C-66	14-Oct 13:38:04	14-Oct 19:38:03				C-67	14-Oct 14:44:41	14-Oct 20:44:40
C-71	15-Oct 14:20:20	15-Oct 20:20:19	C-72	15-Oct 16:27:32	16-Oct 14:13:28	C-73	15-Oct 15:03:59	15-Oct 21:03:58
C-77	16-Oct 14:07:00	16-Oct 20:06:59	C-78	16-Oct 15:05:21	17-Oct 10:51:44	C-79	16-Oct 14:55:04	16-Oct 20:55:03
C-83	17-Oct 10:47:57	17-Oct 16:47:56	C-84	17-Oct 10:59:05	17-Oct 20:52:22	C-85	17-Oct 14:14:30	17-Oct 20:14:29
C-89	17-Oct 20:10:50	18-Oct 02:10:49	C-90	17-Oct 21:05:12	18-Oct 14:52:24	C-91	17-Oct 20:36:18	18-Oct 02:36:17
C-89	18-Oct 14:05:26	18-Oct 20:05:25	C-90	18-Oct 14:52:56	19-Oct 13:58:55	C-91	18-Oct 14:41:22	18-Oct 20:41:21
C-95	19-Oct 14:21:24	19-Oct 20:21:23	C-96	19-Oct 15:31:43	19-Oct 19:36:52	C-97, 103	19-Oct 15:14:27	19-Oct 21:14:26
			C-102	19-Oct 19:40:39	20-Oct 10:17:31			
C-101	20-Oct 09:29:29	20-Oct 15:29:28	C-102	20-Oct 10:27:50	20-Oct 20:55:21			
C-107	20-Oct 19:58:03	21-Oct 01:58:02	C-108	20-Oct 20:56:53	21-Oct 16:41:15	C-109	20-Oct 20:41:07	21-Oct 02:41:06
C-107	21-Oct 16:22:50	21-Oct 16:24:51	C-108	21-Oct 16:51:18	22-Oct 11:53:20	C-109	21-Oct 17:28:52	21-Oct 23:28:51
C-107	21-Oct 16:31:05	21-Oct 22:31:04						
C-113	22-Oct 11:42:04	22-Oct 17:42:03	C-114	22-Oct 11:59:14	23-Oct 12:20:03	C-115	22-Oct 12:35:31	22-Oct 18:35:30
C-119	23-Oct 13:38:29	23-Oct 19:38:28	C-120	23-Oct 14:38:59	24-Oct 11:59:17	C-121	23-Oct 14:07:46	23-Oct 20:07:45
C-125	24-Oct 12:00:03	24-Oct 18:00:02	C-126	24-Oct 12:41:43	24-Oct 22:15:56	C-127	24-Oct 12:29:32	24-Oct 18:29:31
C-131	24-Oct 21:36:20	25-Oct 03:36:19	C-132	24-Oct 22:20:04	25-Oct 18:33:26	C-133	24-Oct 21:58:02	25-Oct 03:58:01
C-137	25-Oct 19:09:57	26-Oct 01:09:56	C-138	25-Oct 18:54:41	26-Oct 17:51:51			
C-142	26-Oct 18:44:16	27-Oct 00:44:15	C-143	26-Oct 19:13:43	27-Oct 14:06:11			
C-142, 147	27-Oct 13:25:00	27-Oct 19:24:59	C-143, 148	27-Oct 14:09:31	28-Oct 11:04:52			

This appendix contains “snapshot” size plots of all our currently released data, organized by day. The data for all the instruments for a given day is on the same page. We also have full-page plots of each “snapshot” plot, but are not distributing them generally because they constitute a little over 100 Mb.

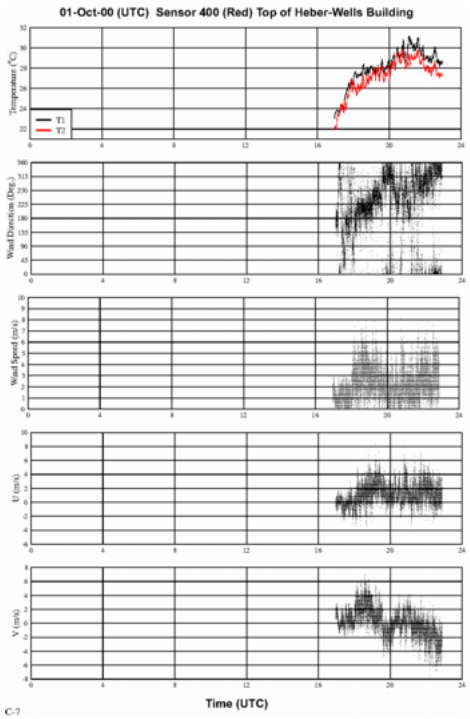
Please contact Gerald Streit, ges@lanl.gov, or Michael Brown, mbrown@lanl.gov, regarding availability of the full-page plots or availability of the data.



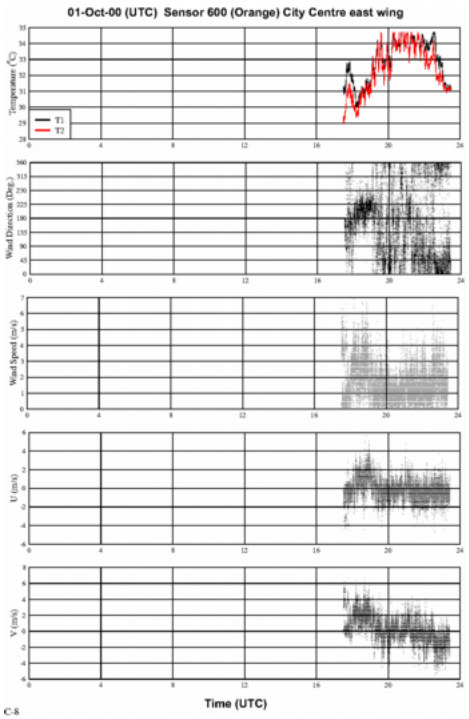
C-5



C-6

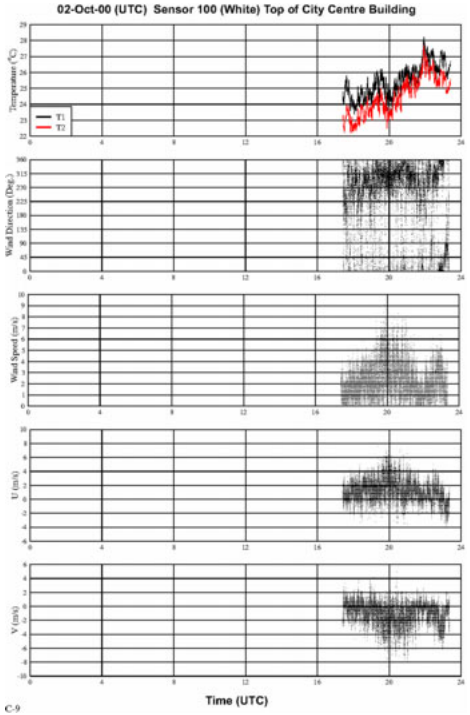


C-7

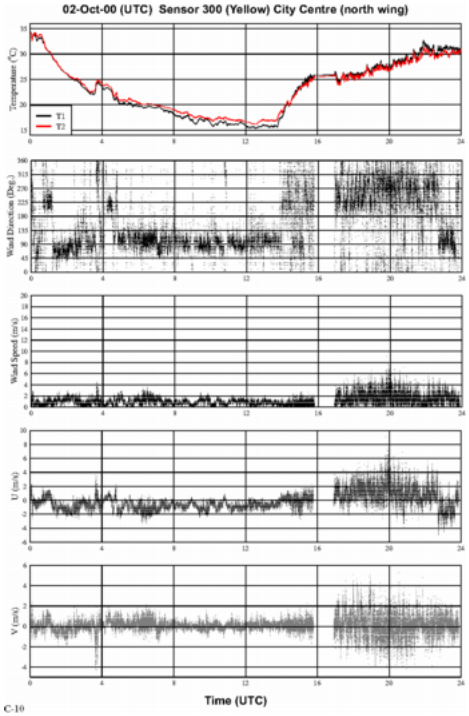


C-8

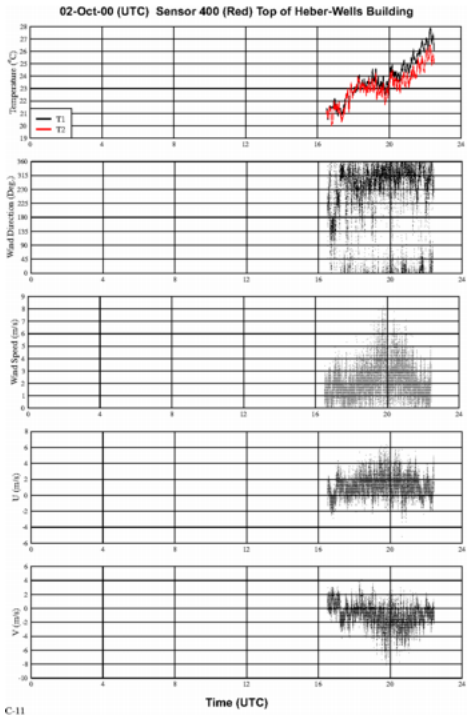
C-5 - C-8



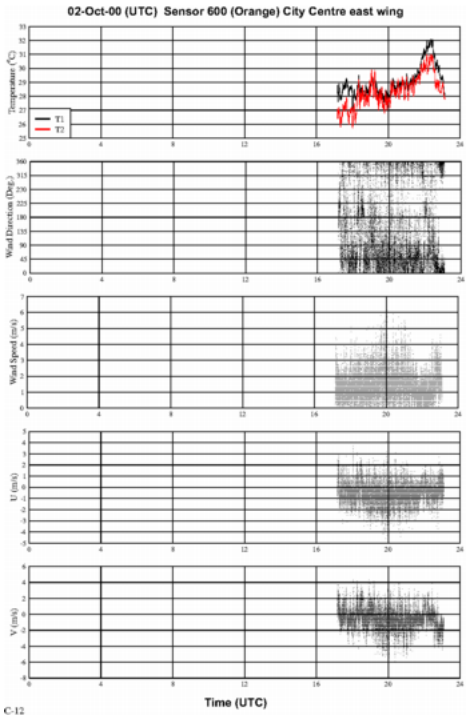
C-9



C-10

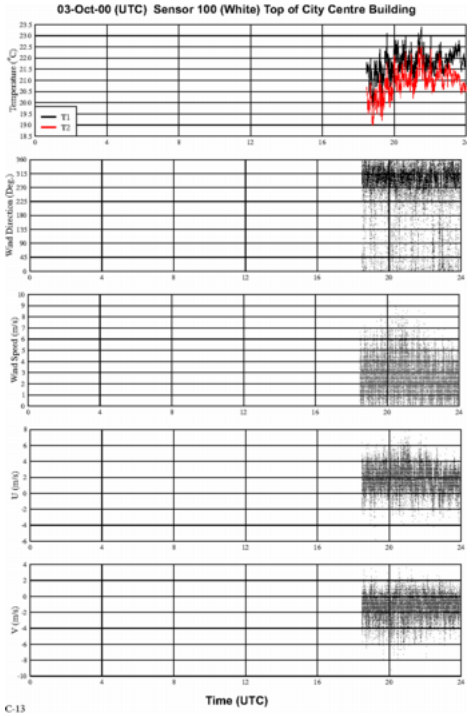


C-11

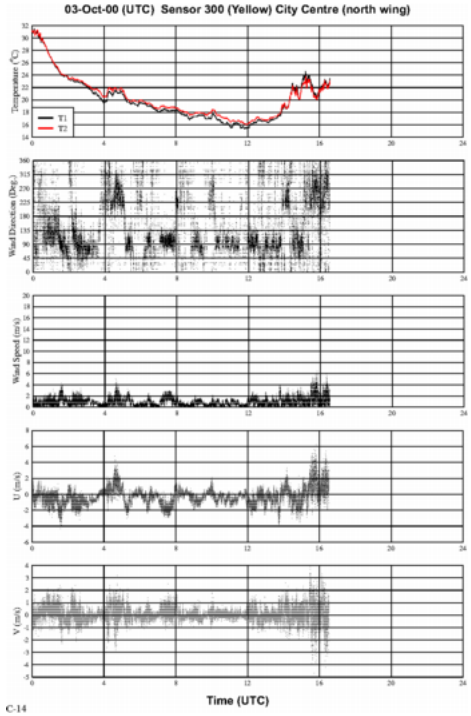


C-12

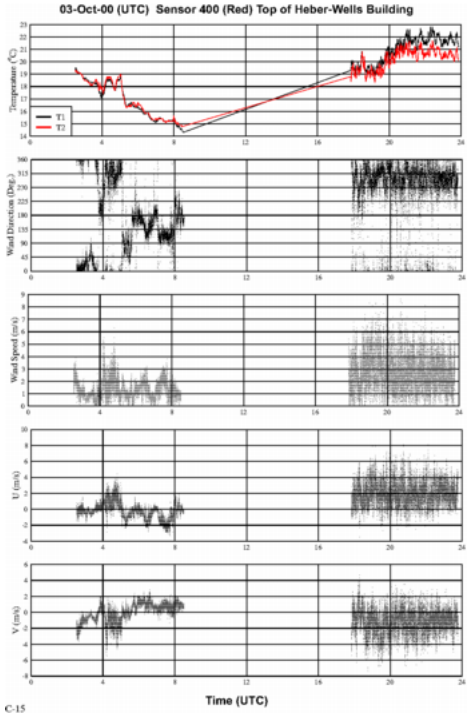
C-9 - C-12



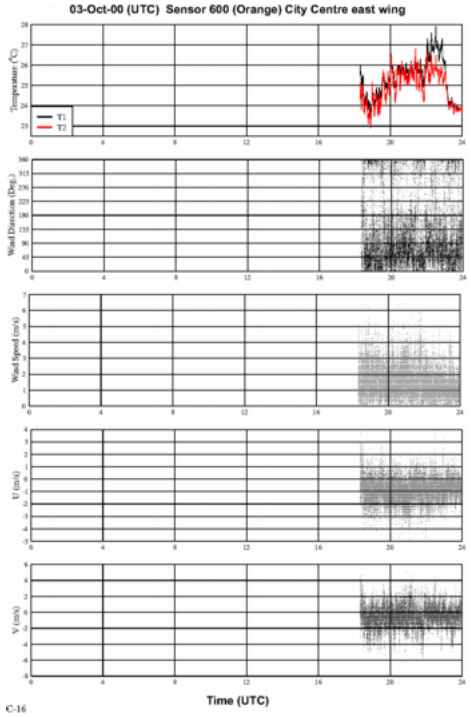
C-13



C-14

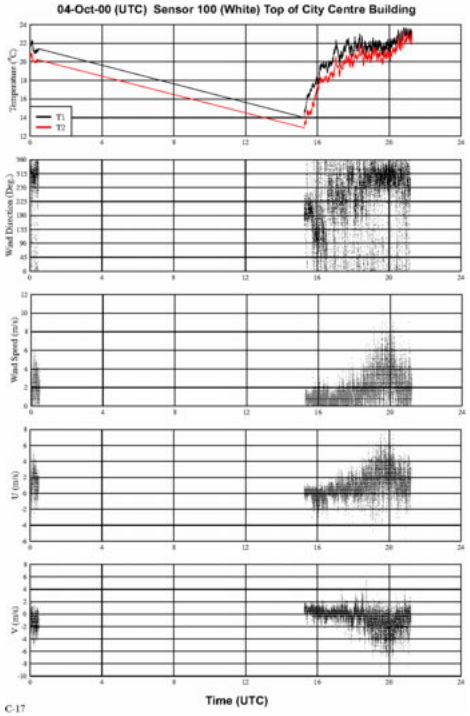


C-15

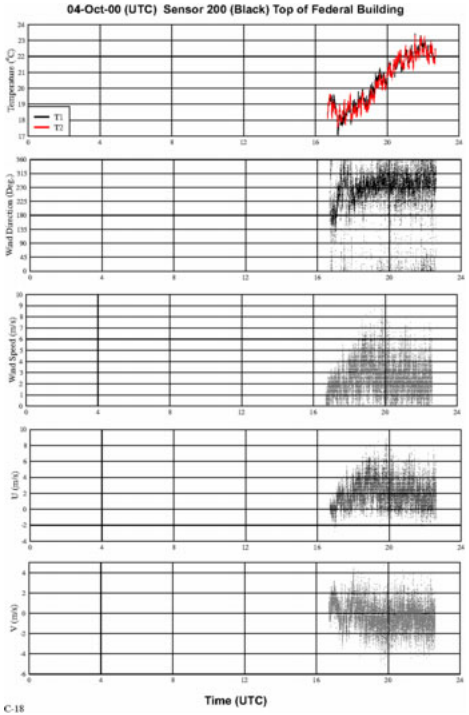


C-16

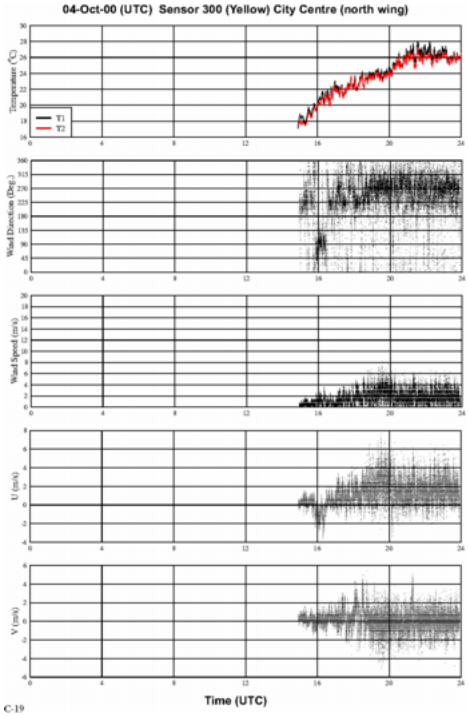
C-13 - C-16



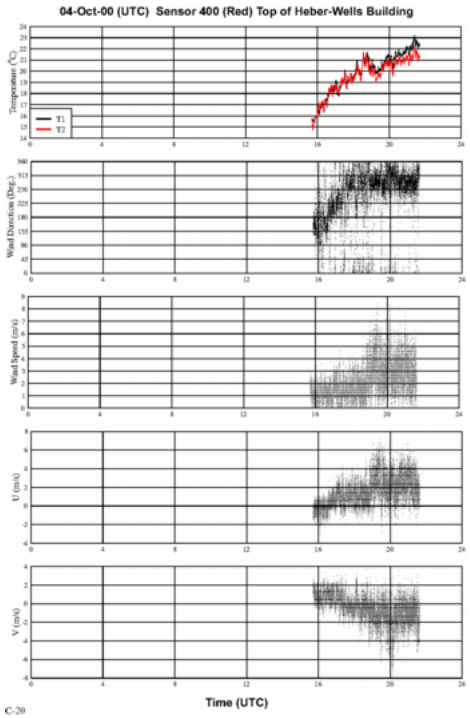
C-17



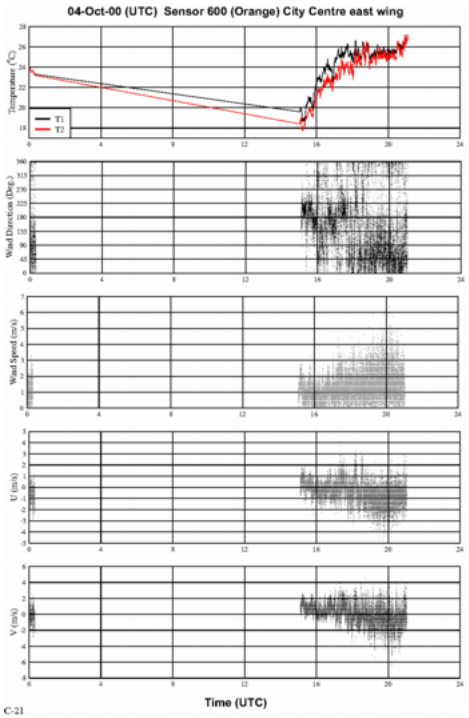
C-18



C-19

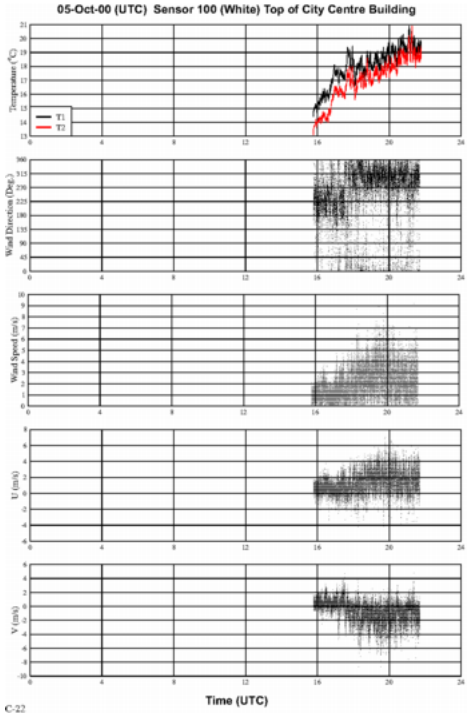


C-20

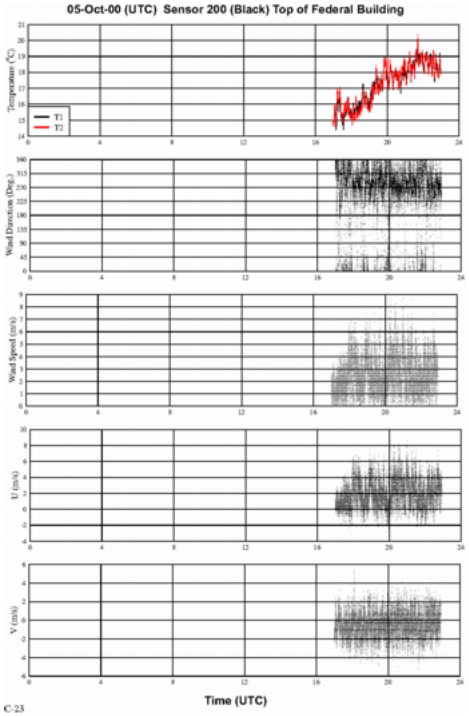


C-21

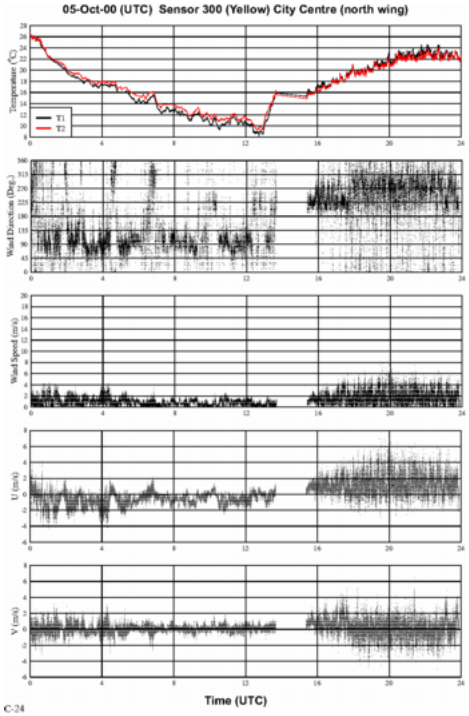
C-17 - C-21



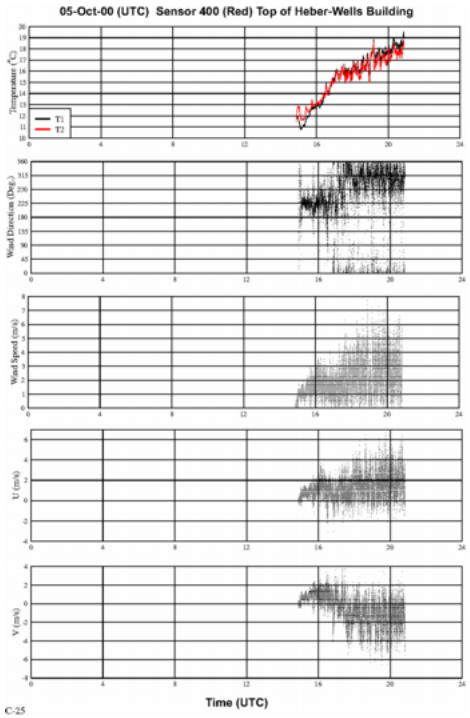
C-22



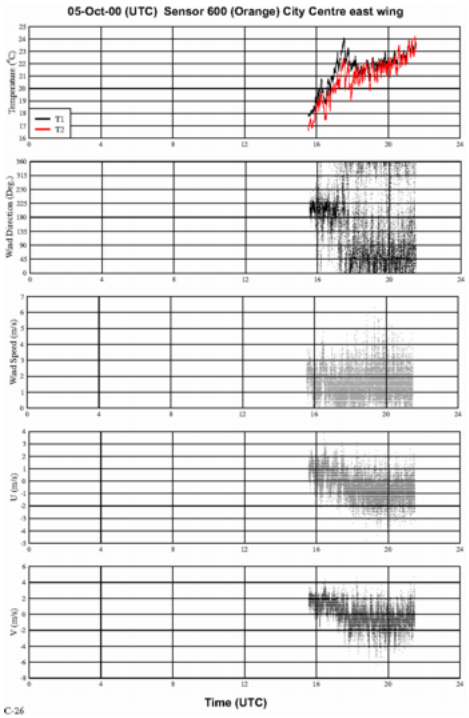
C-23



C-24

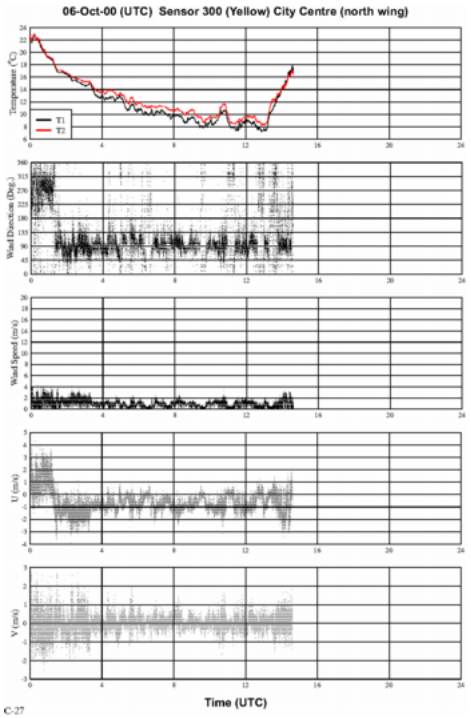


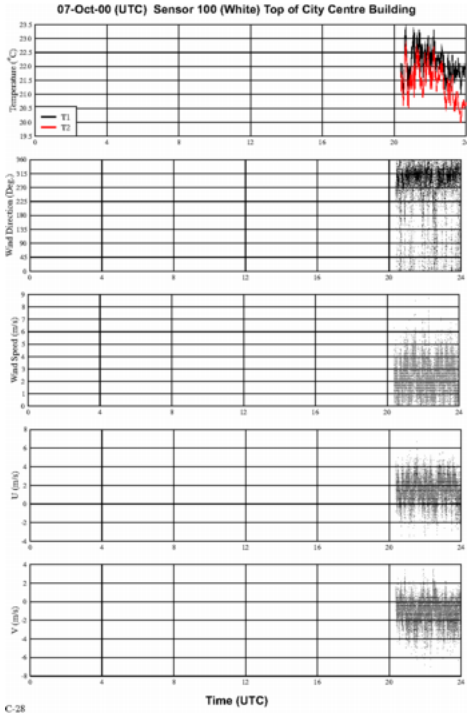
C-25



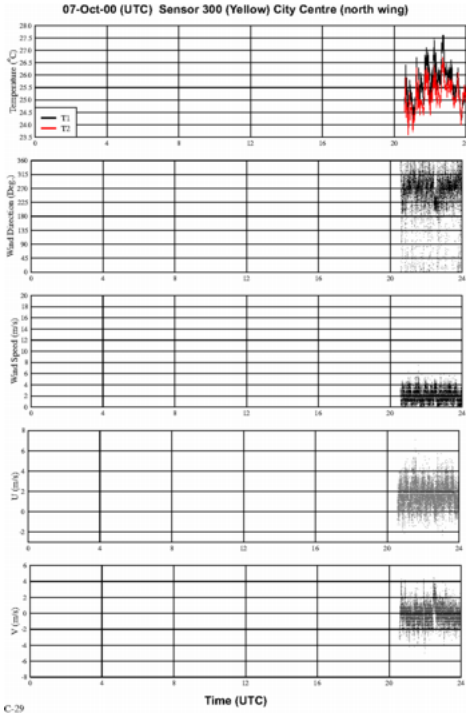
C-26

C-22 - C-26

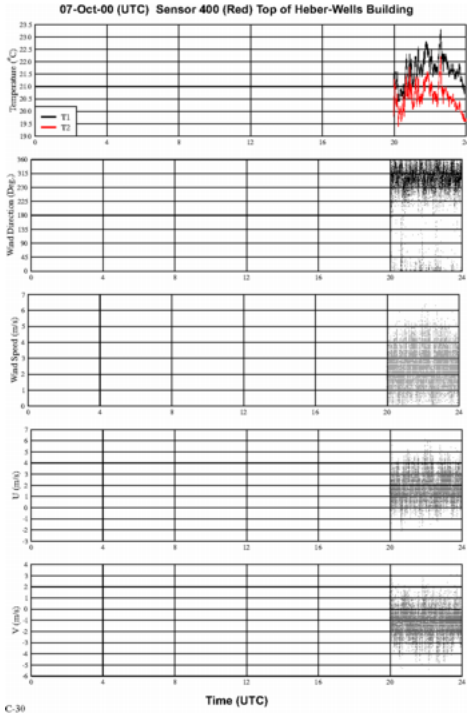

06-Oct-00 (UTC) Sensor 300 (Yellow) City Centre (north wing)
Temperature (°C)
T1
T2
Wind Direction (Deg.)
Wind Speed (m/s)
U (m/s)
V (m/s)
Time (UTC)
C-27



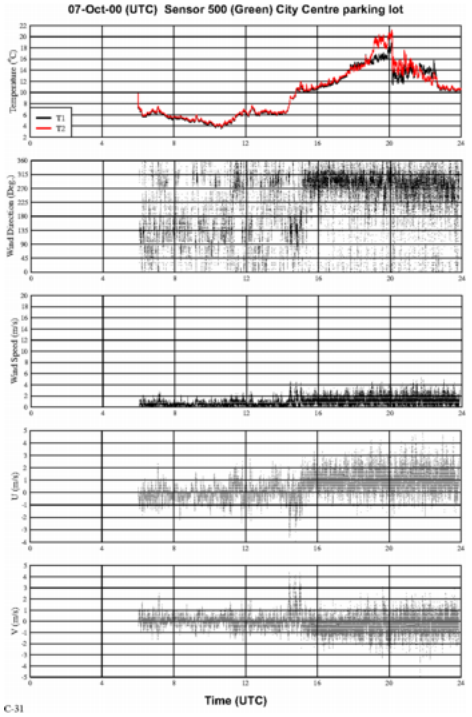
C-28



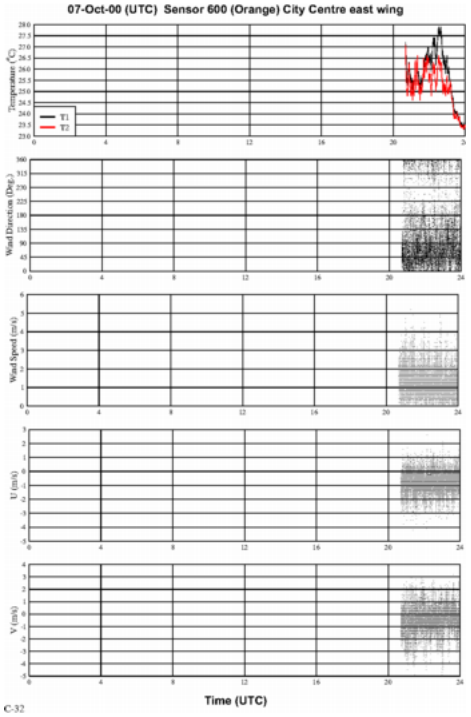
C-29



C-30

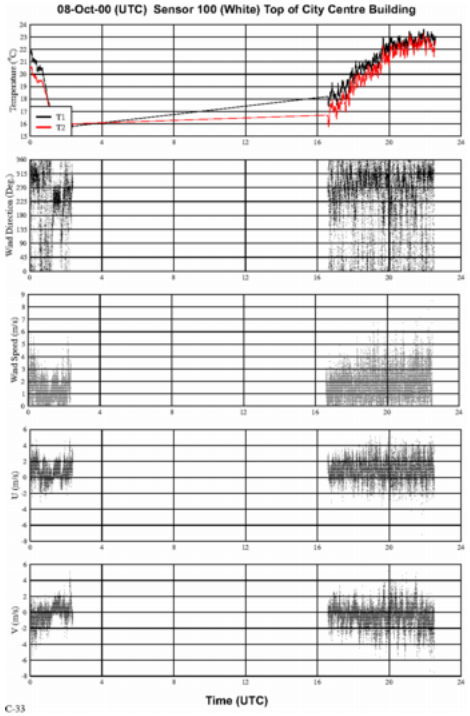


C-31

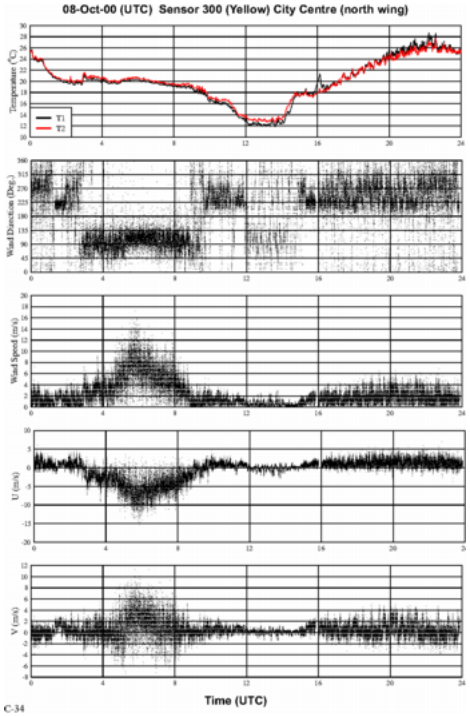


C-32

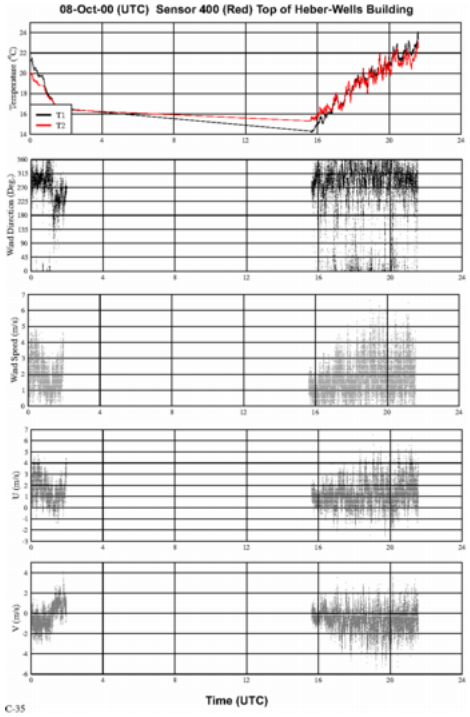
C-28 - C-32



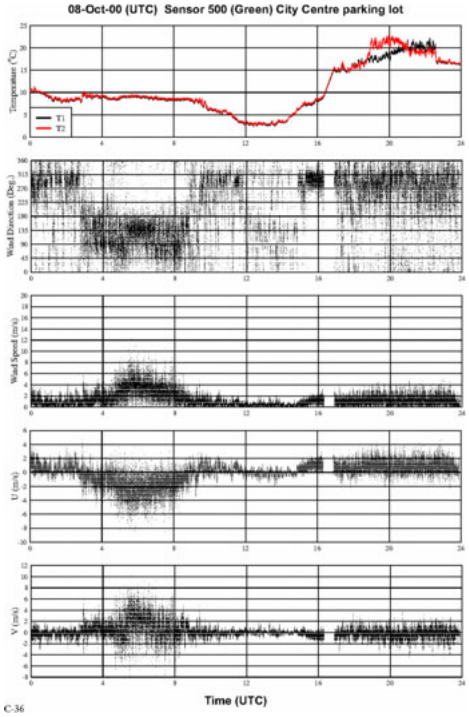
C-33



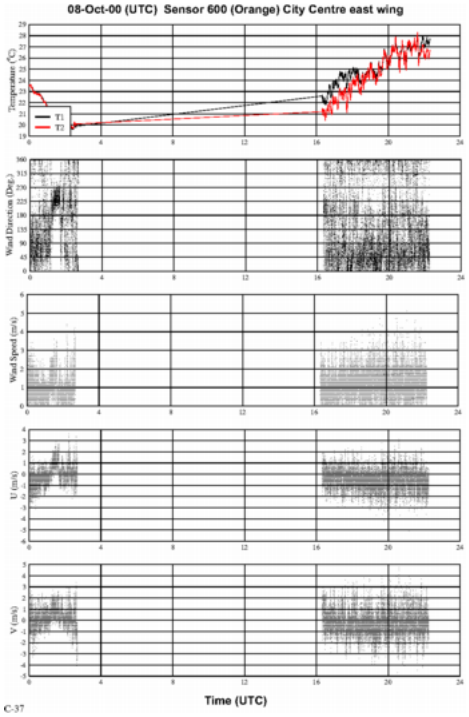
C-34



C-35

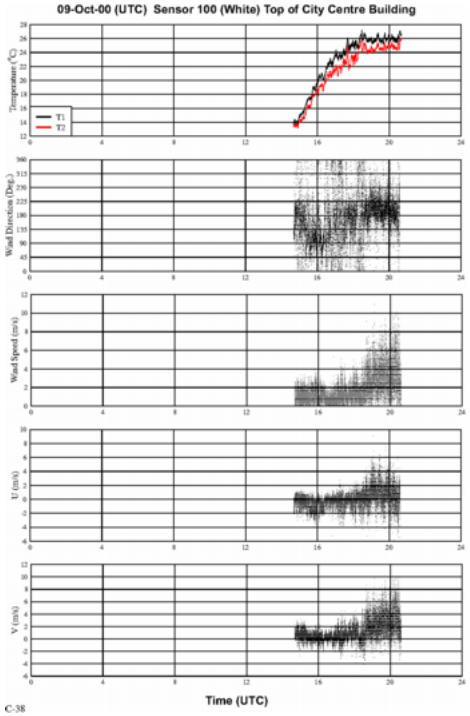


C-36

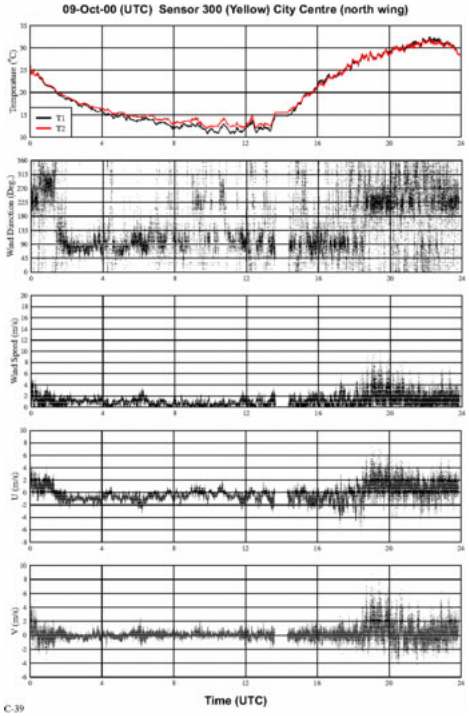


C-37

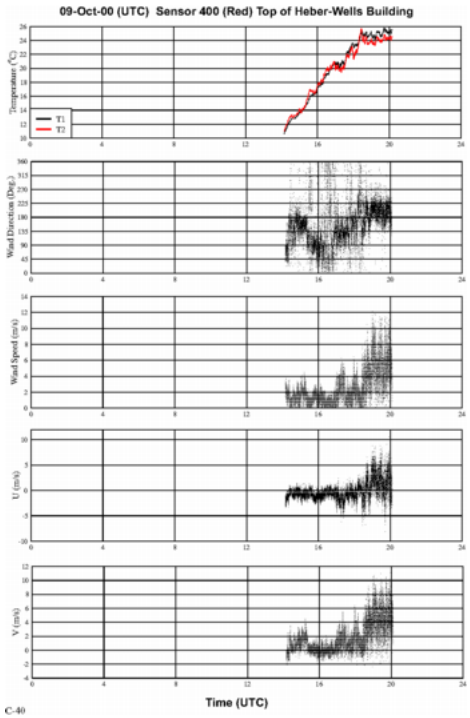
C-33 - C-37



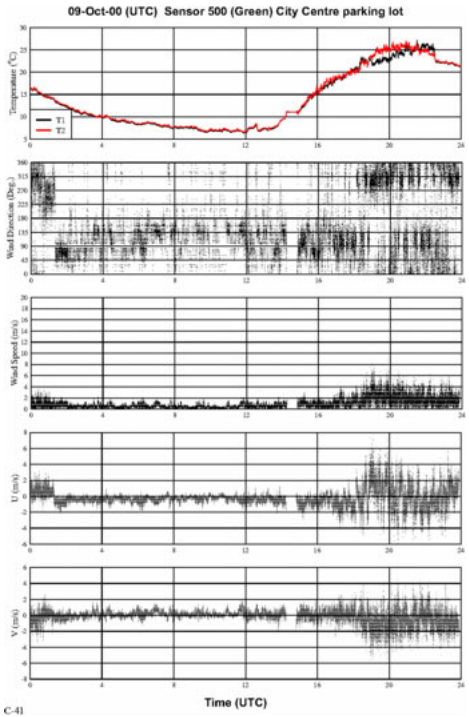
C-38



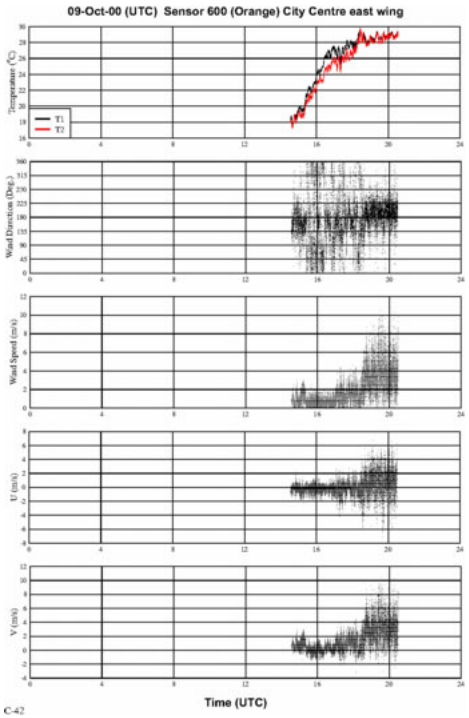
C-39



C-40

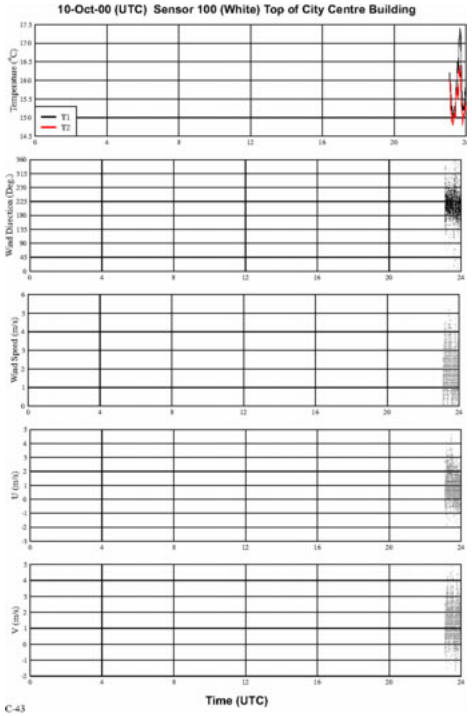


C-41

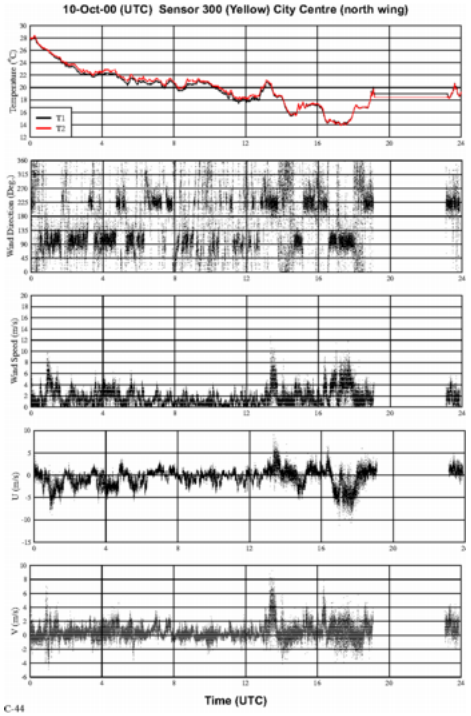


C-42

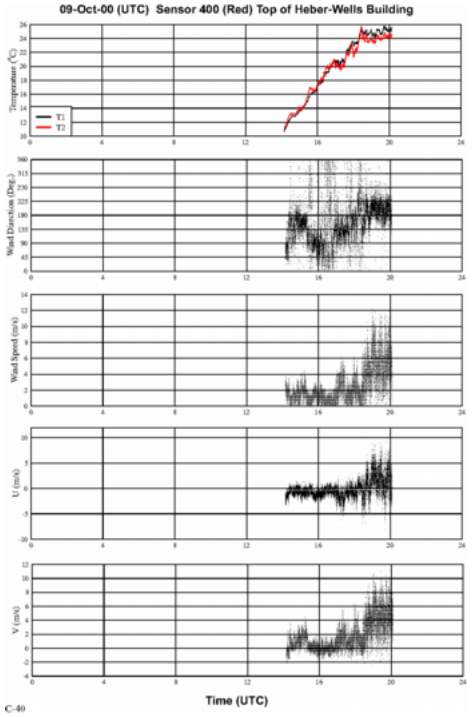
C-38 - C-42



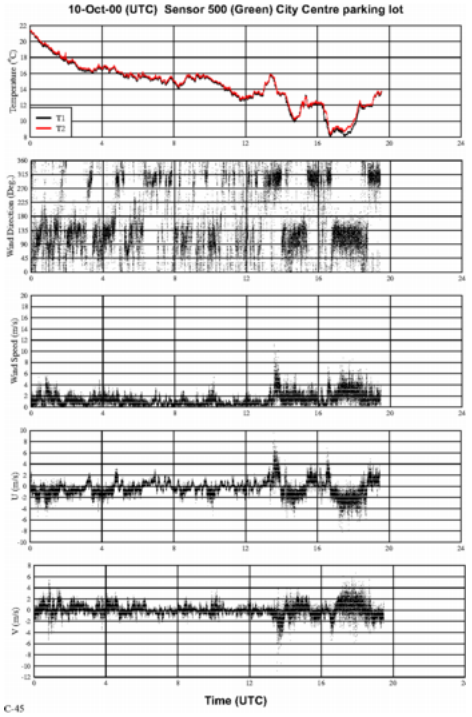
C-43



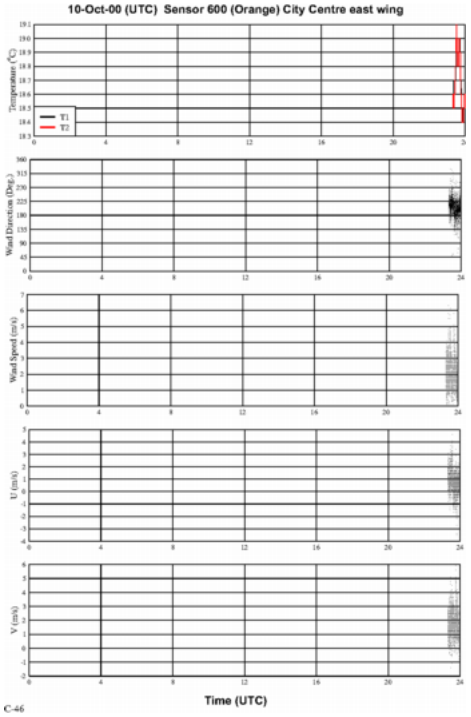
C-44



C-40

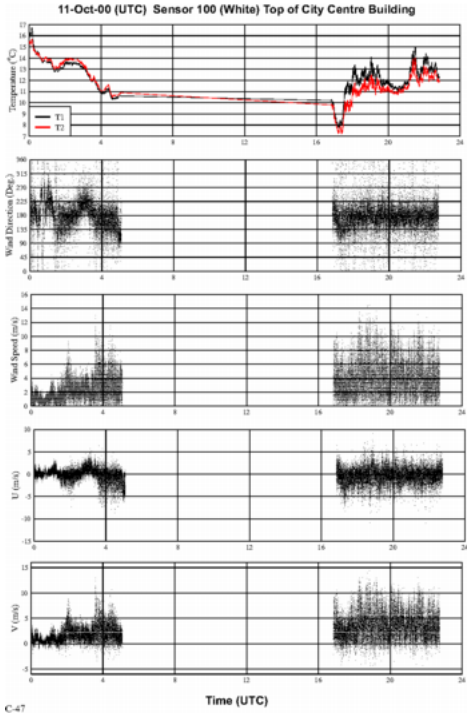


C-45

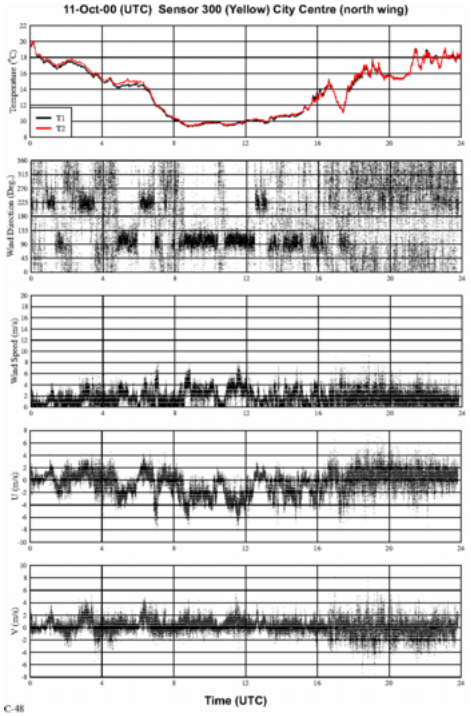


C-46

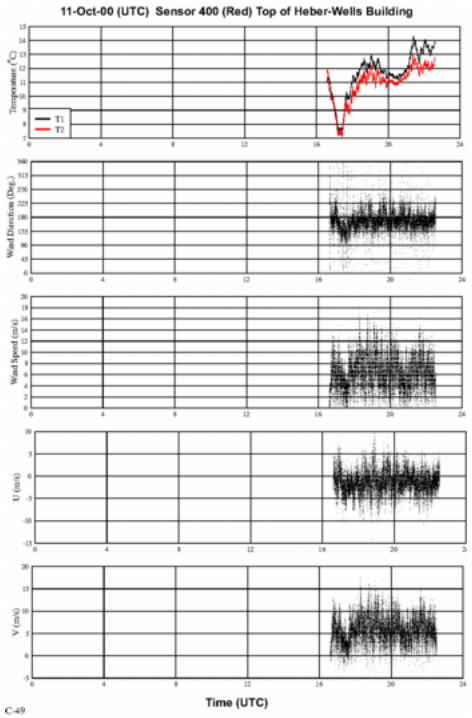
C-43 - C-46



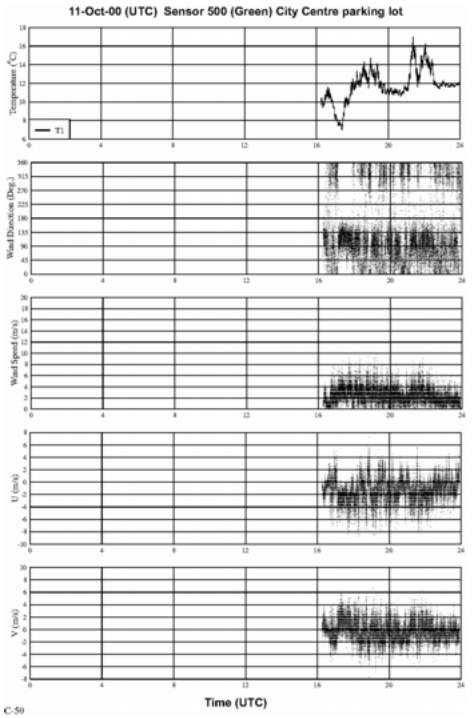
C-47



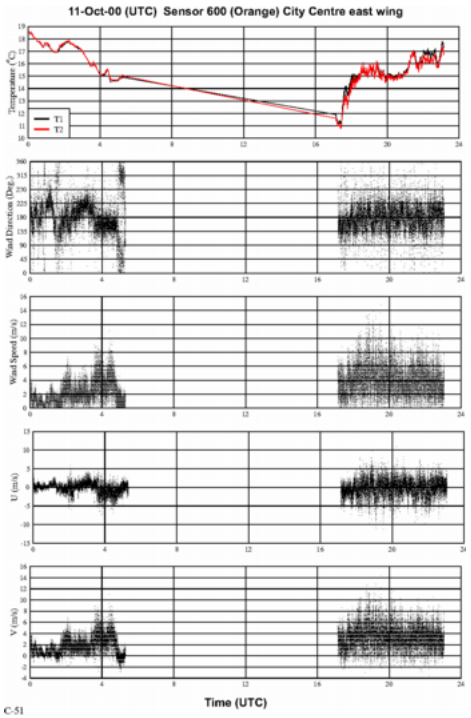
C-48



C-49

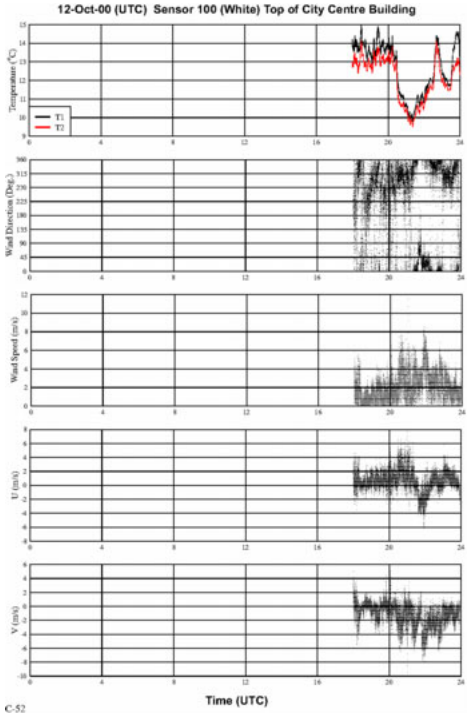


C-50

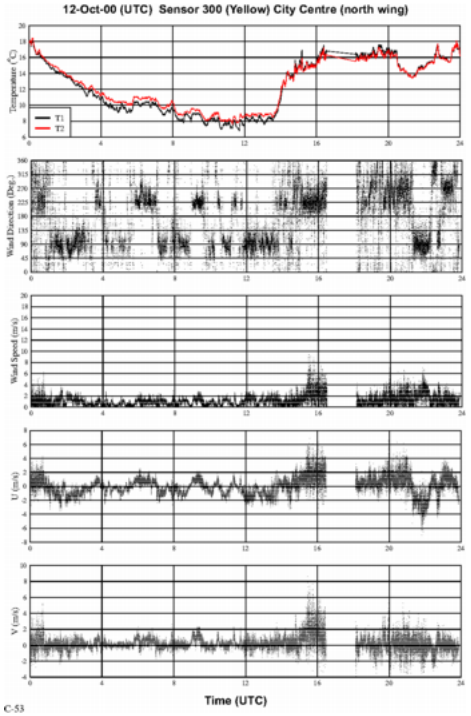


C-51

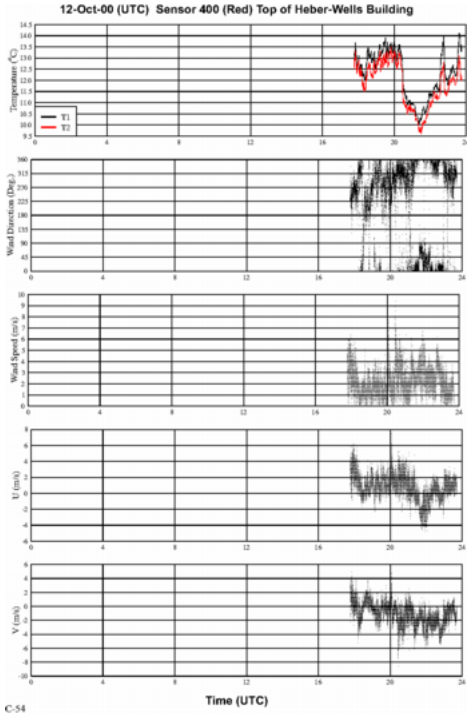
C-47 - C-51



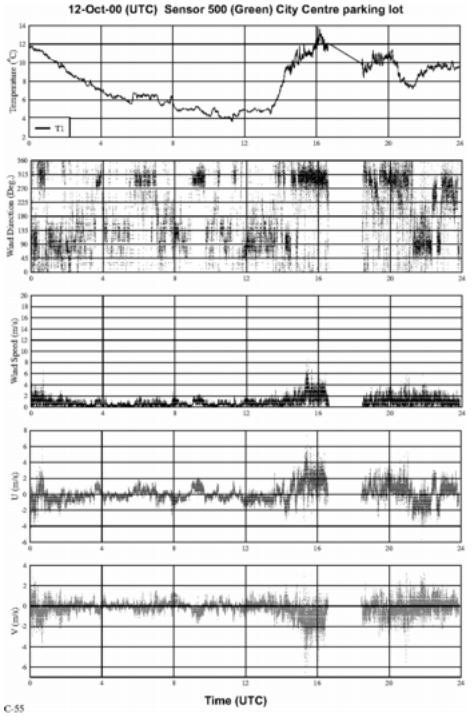
C-52



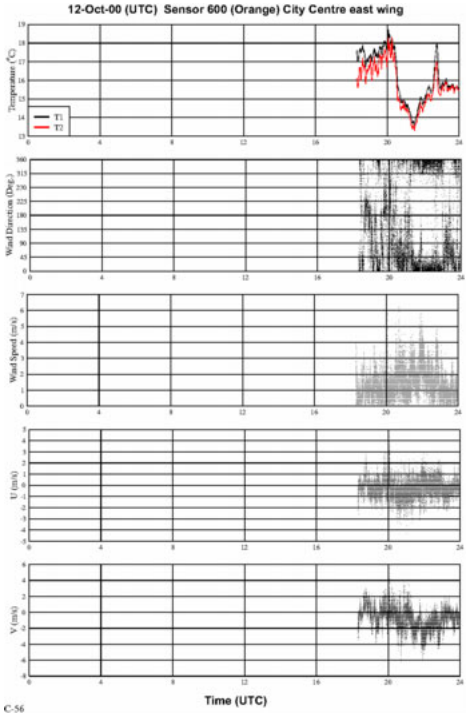
C-53



C-54

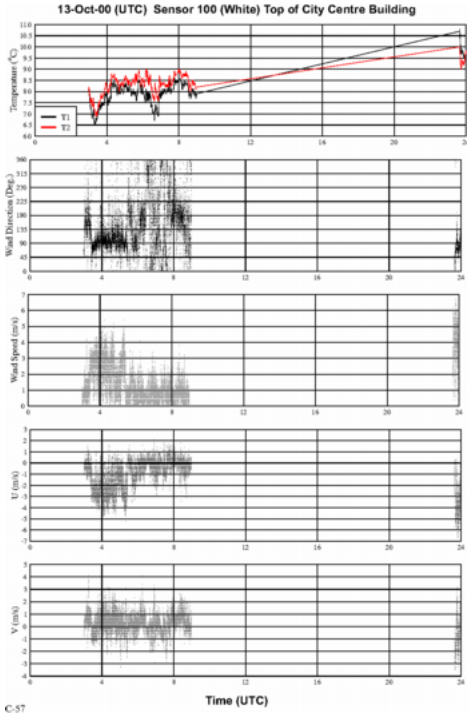


C-55

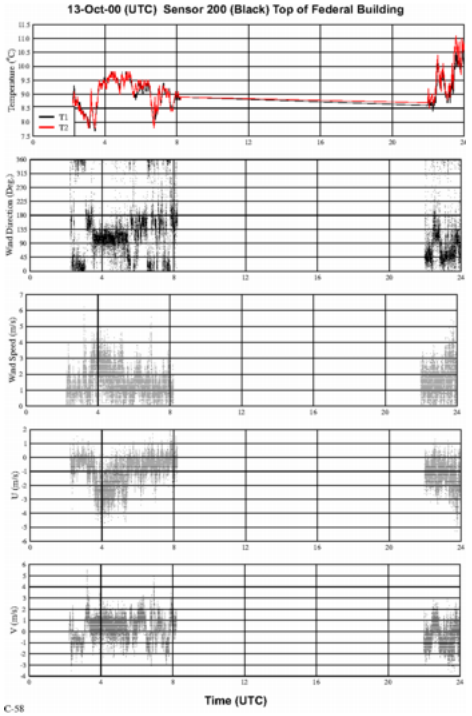


C-56

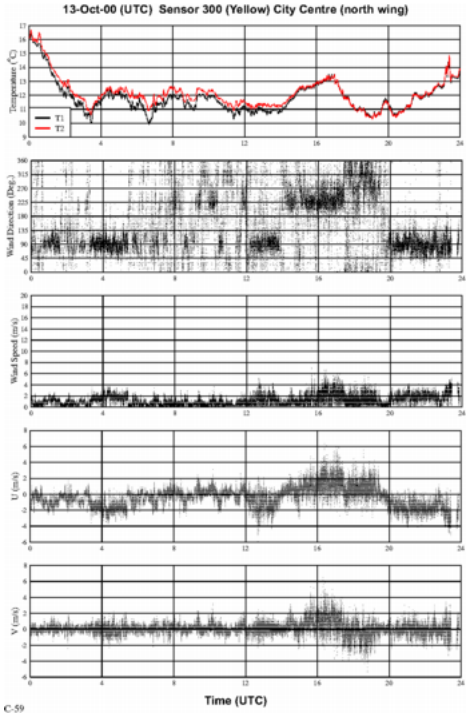
C-52 - C-56



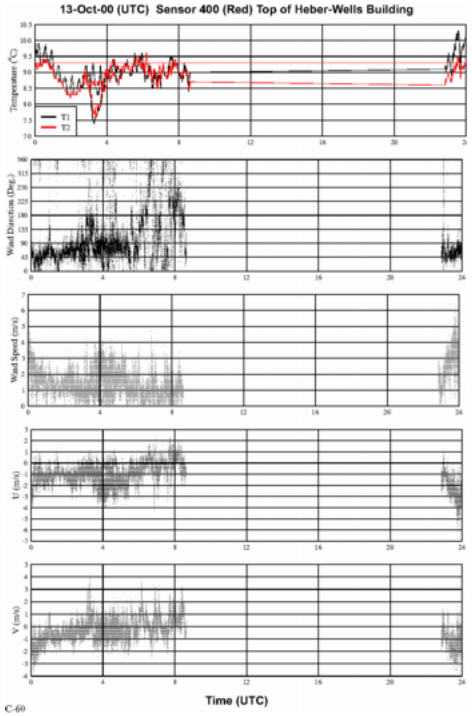
C-57



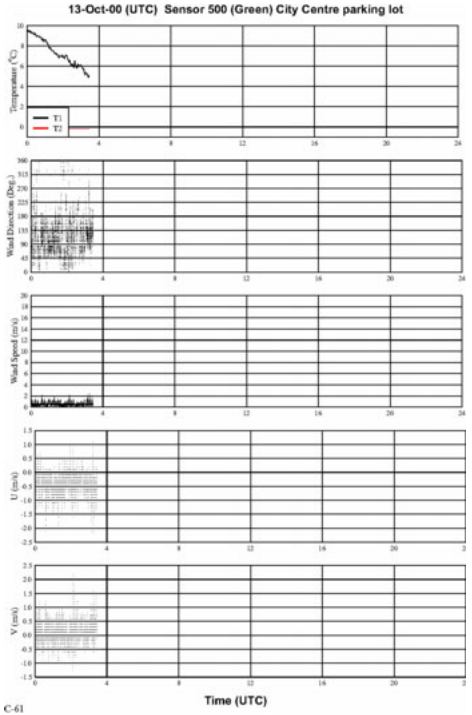
C-58



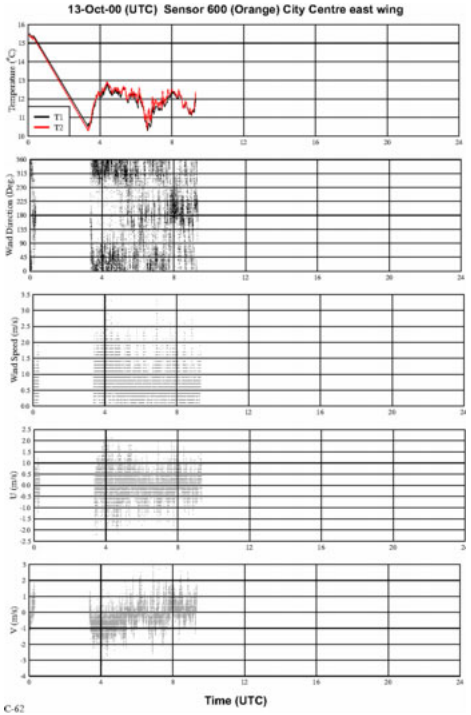
C-59



C-60

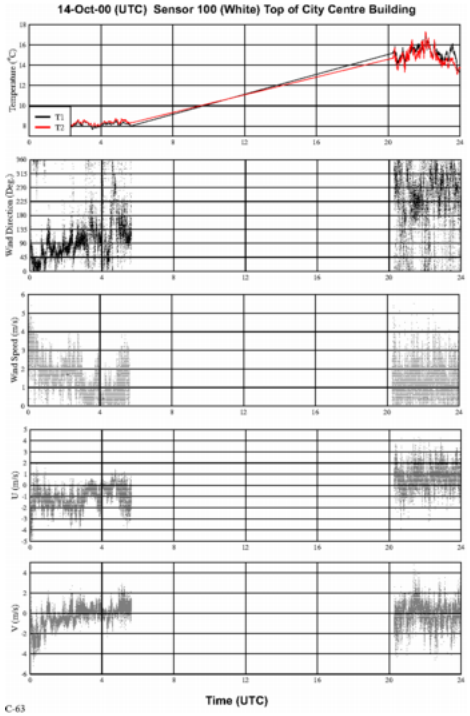


C-61

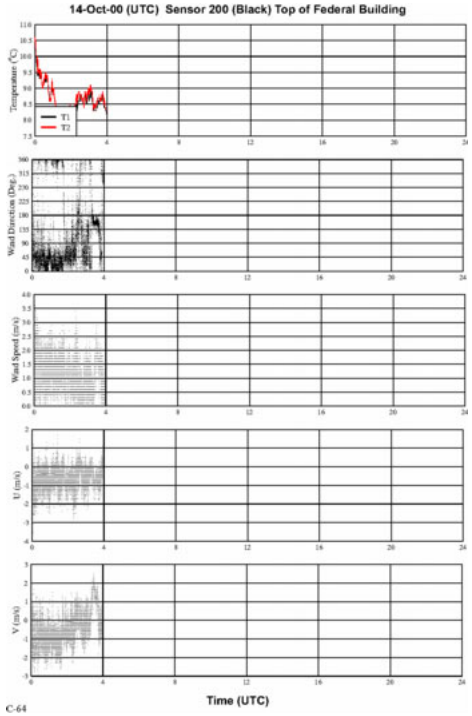


C-62

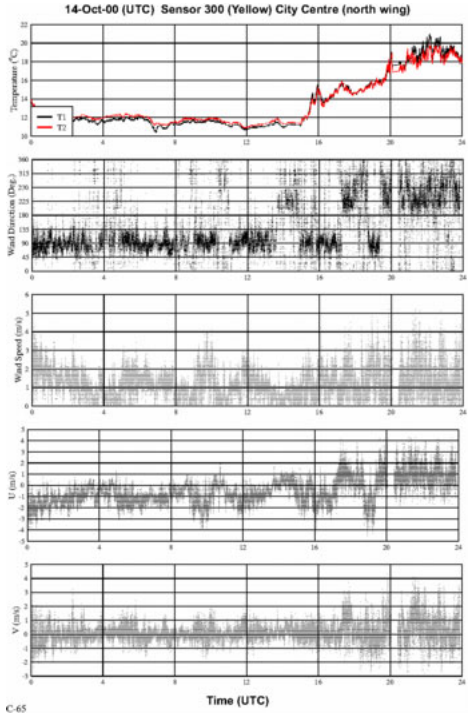
C-57 - C-62



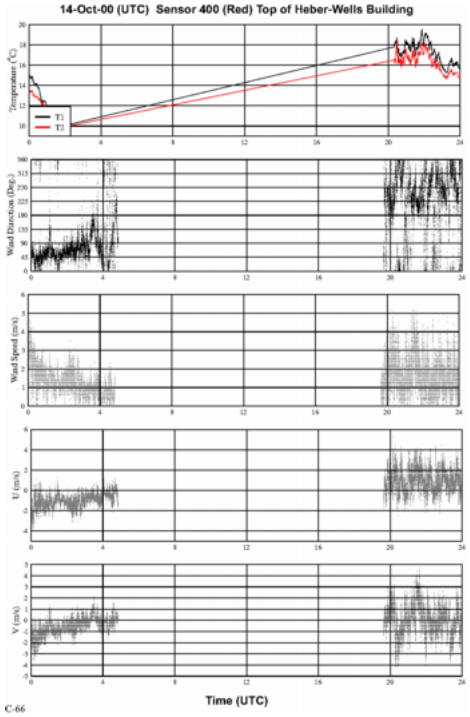
C-63



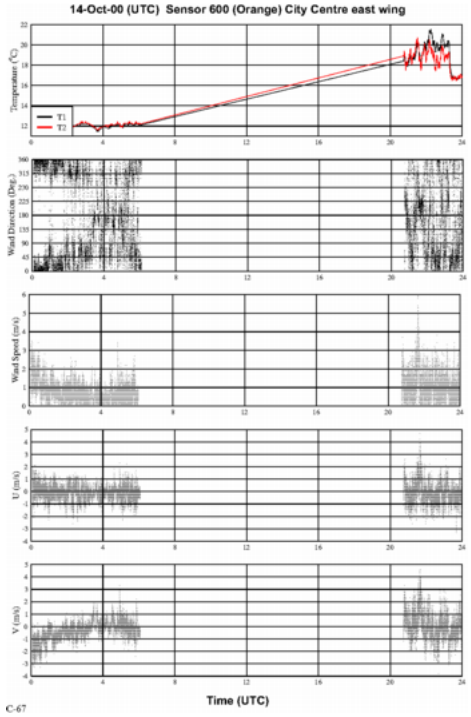
C-64



C-65

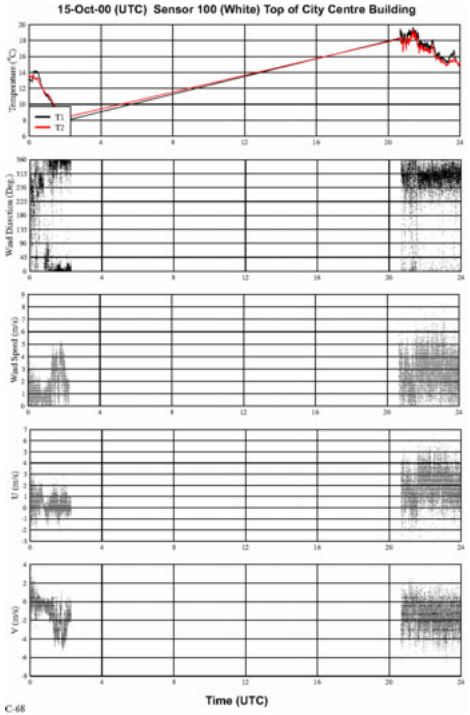


C-66

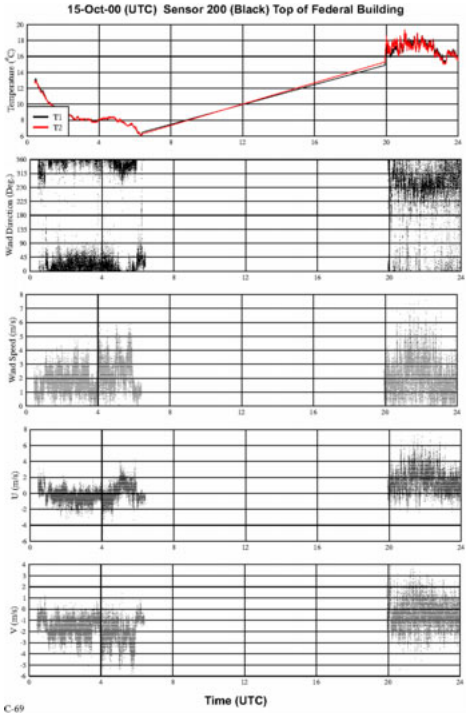


C-67

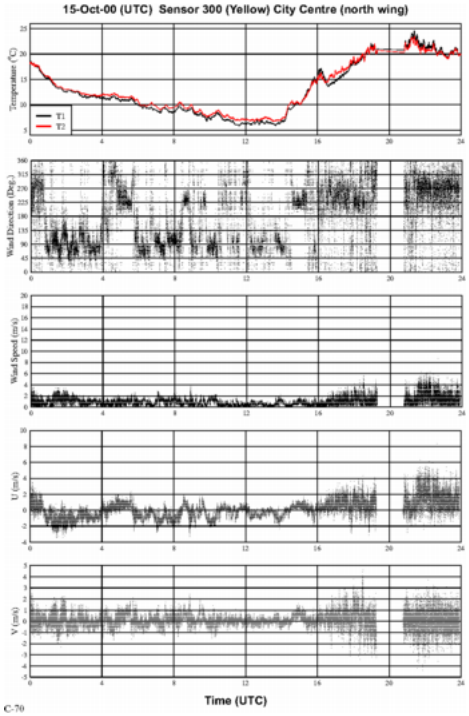
C-63 - C-67



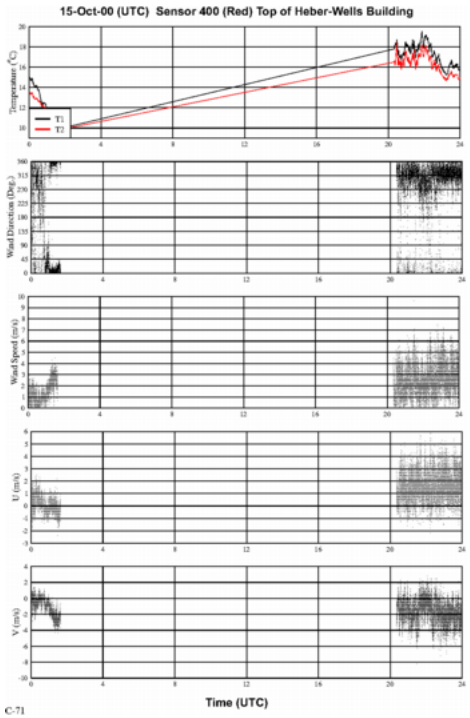
C-68



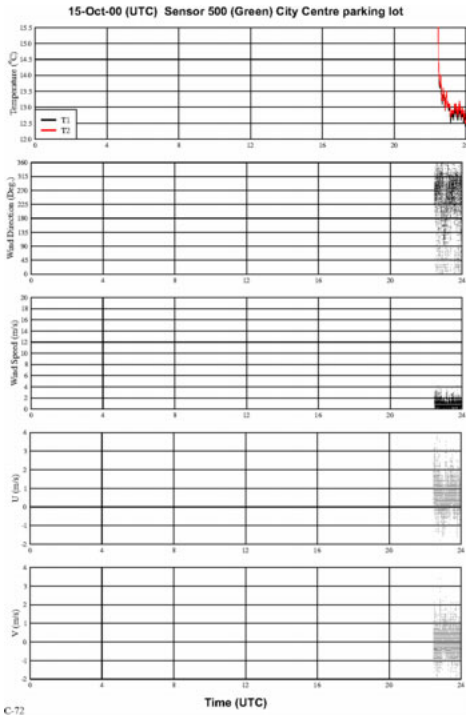
C-69



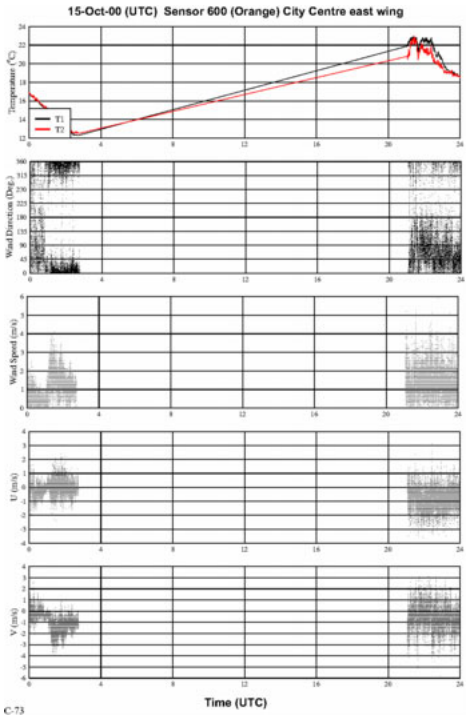
C-70



C-71

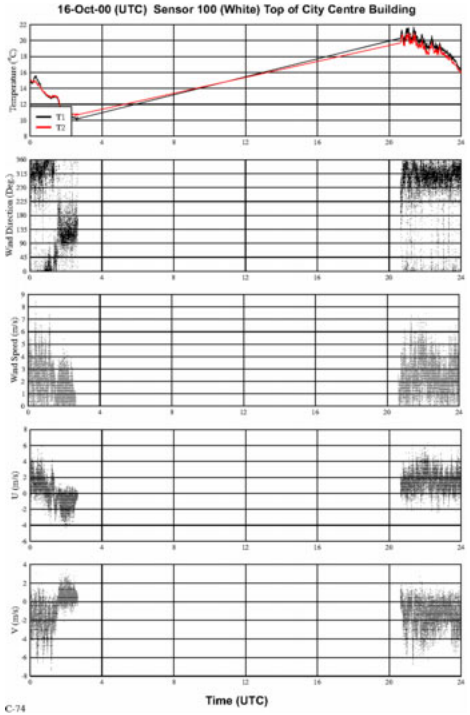


C-72

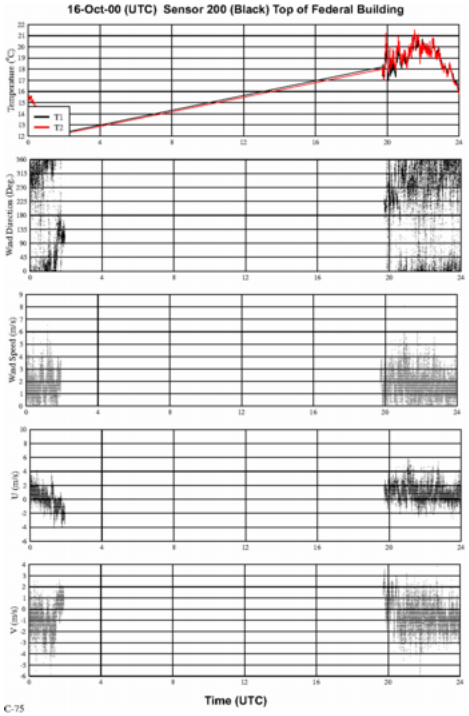


C-73

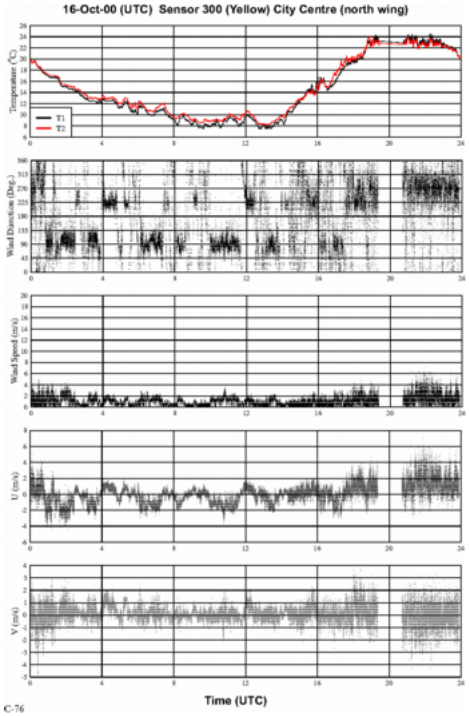
C-68 - C-73



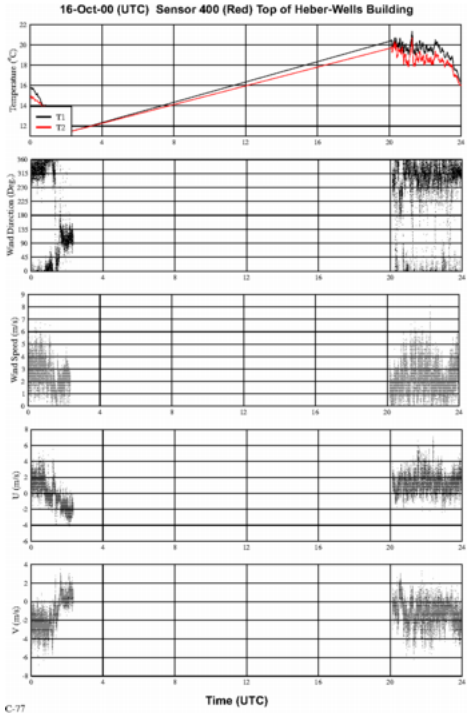
C-74



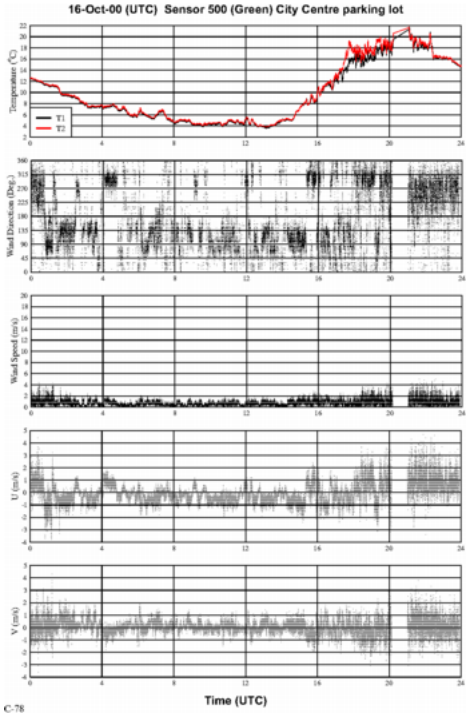
C-75



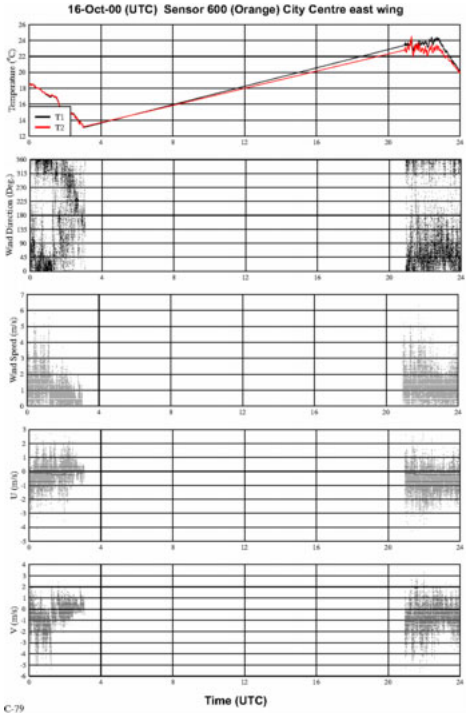
C-76



C-77

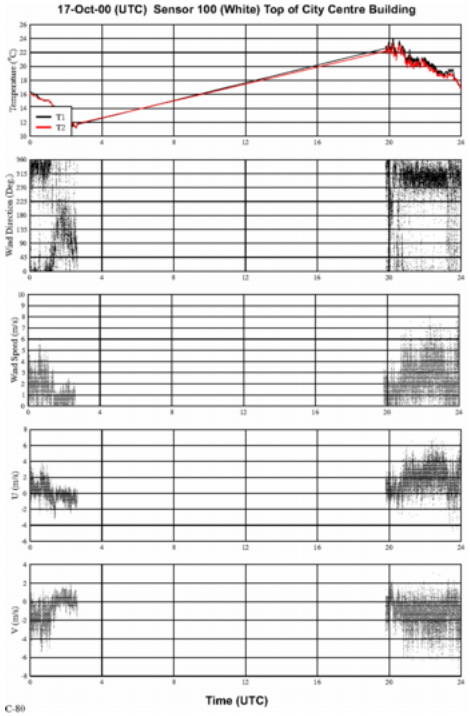


C-78

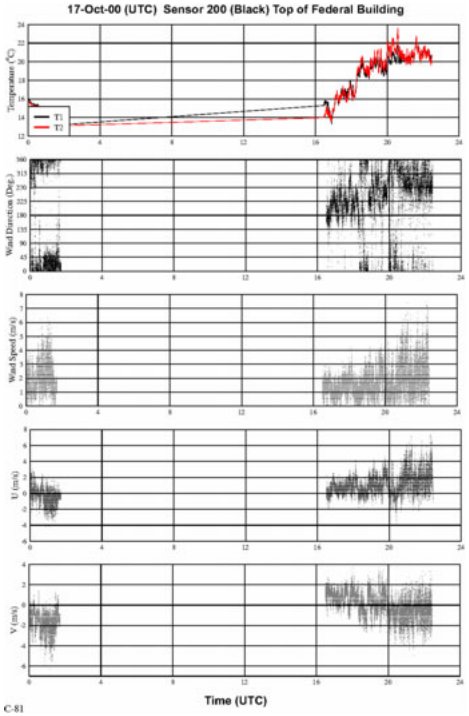


C-79

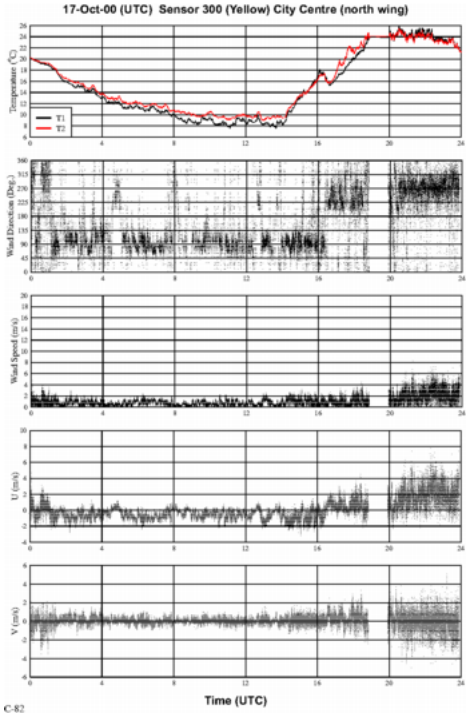
C-74 - C-79



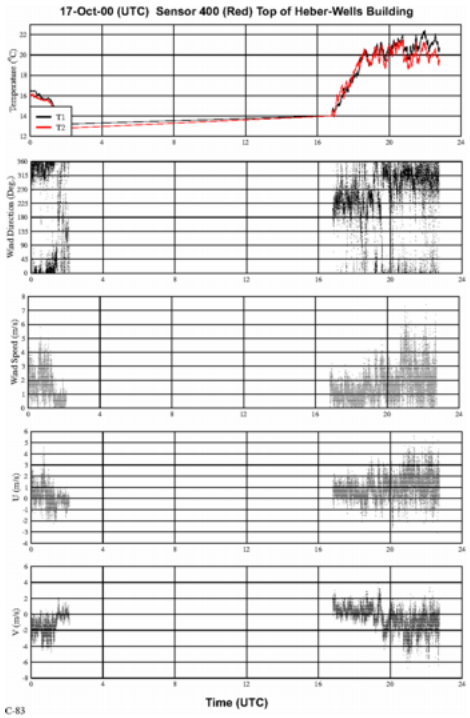
C-80



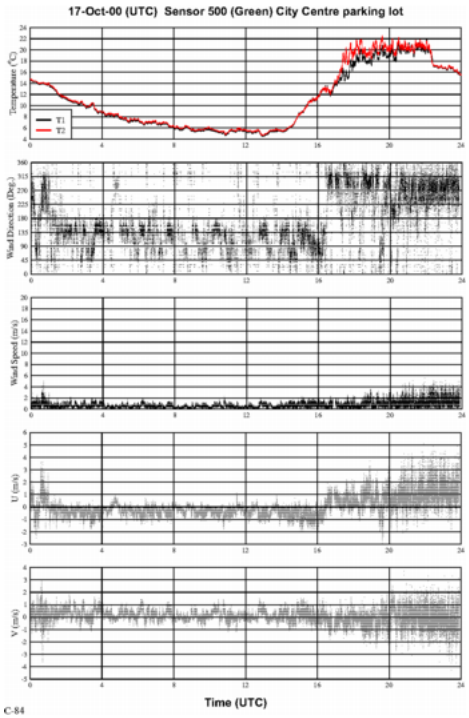
C-81



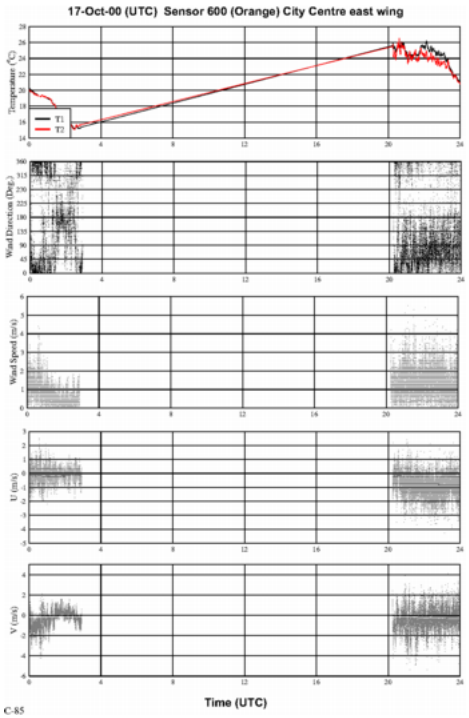
C-82



C-83

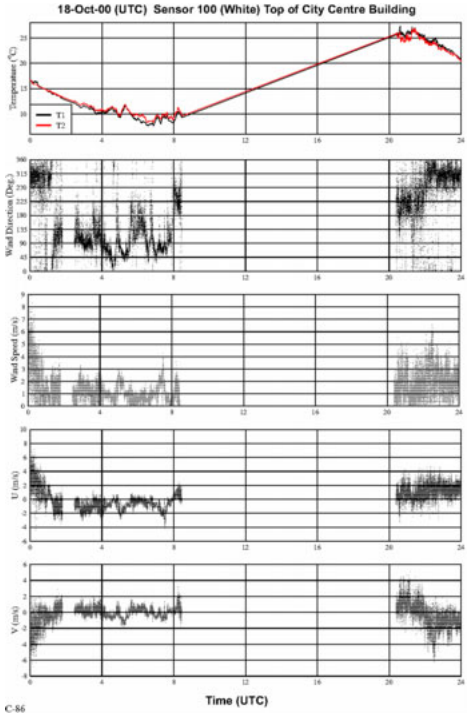


C-84

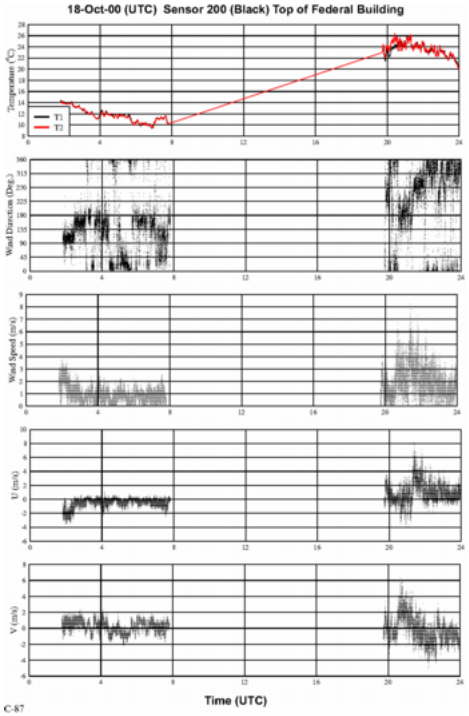


C-85

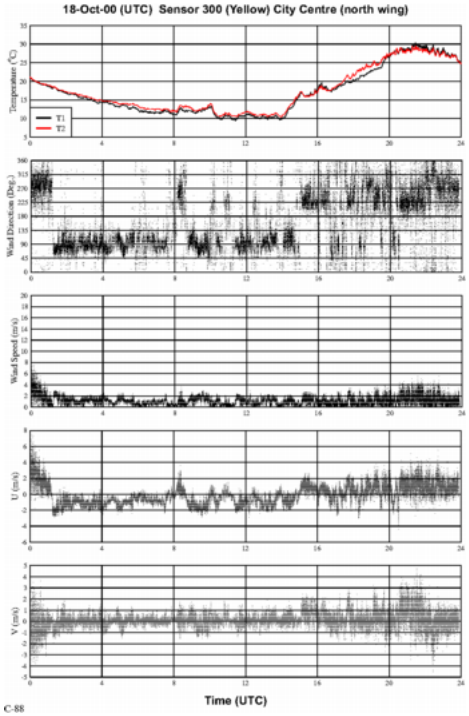
C-80 - C-85



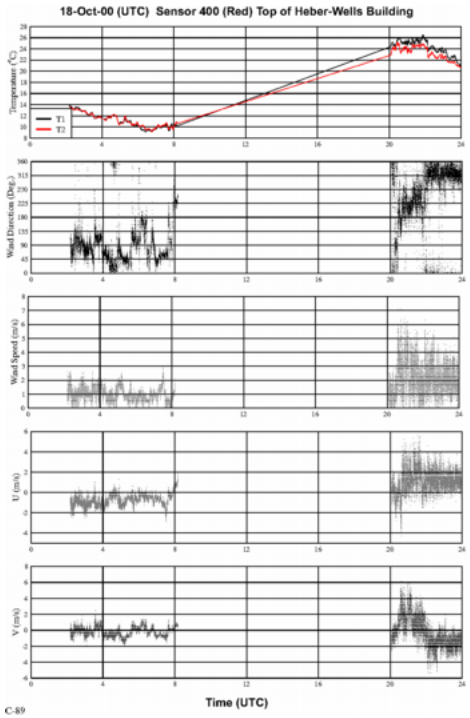
C-86



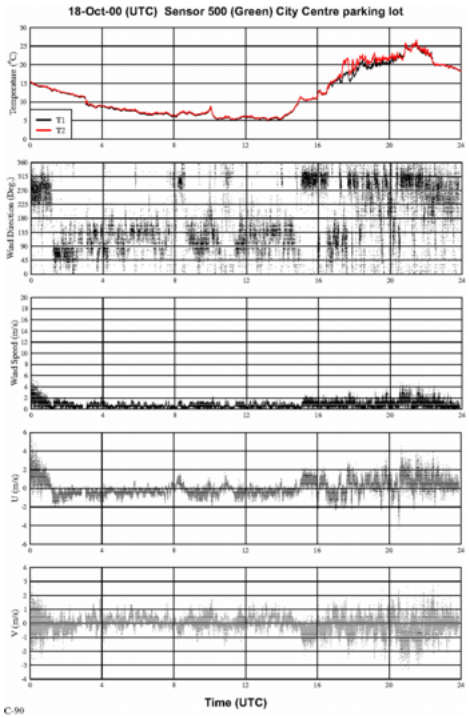
C-87



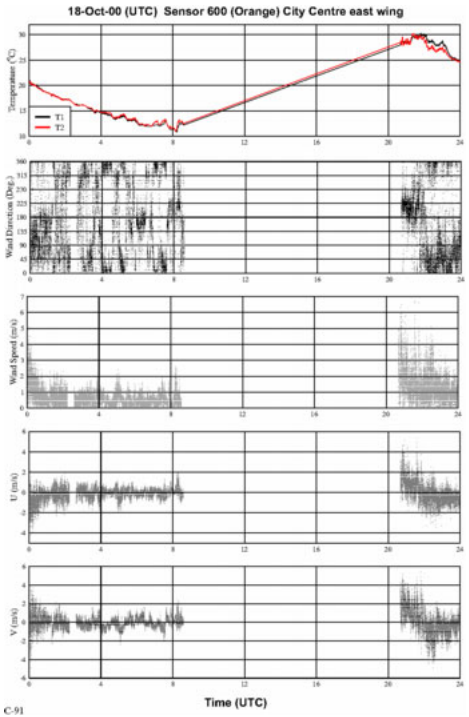
C-88



C-89

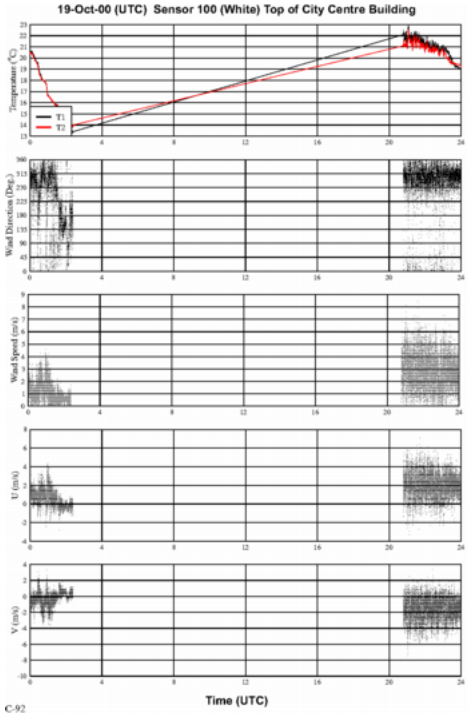


C-90

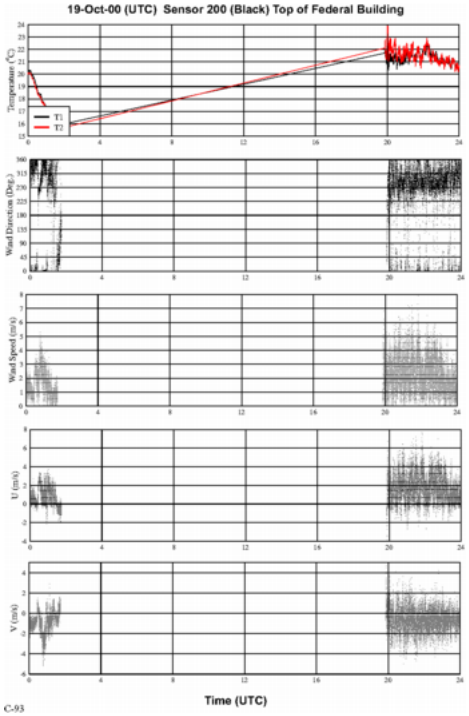


C-91

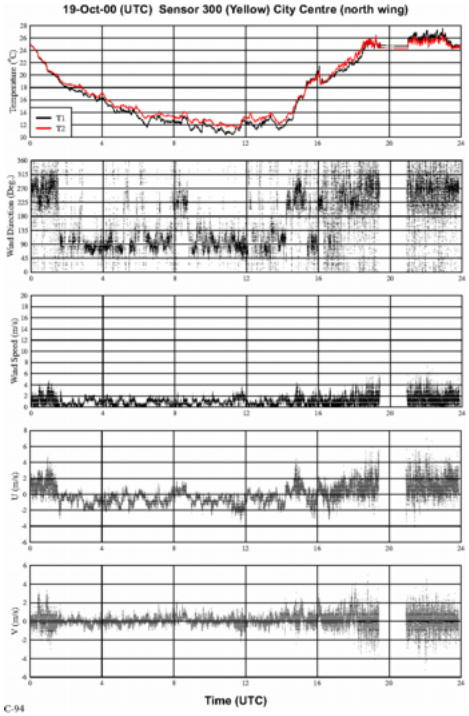
C-86 - C-91



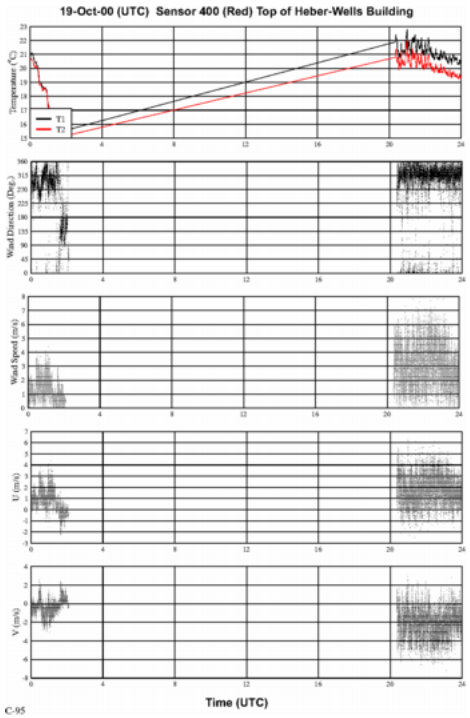
C-92



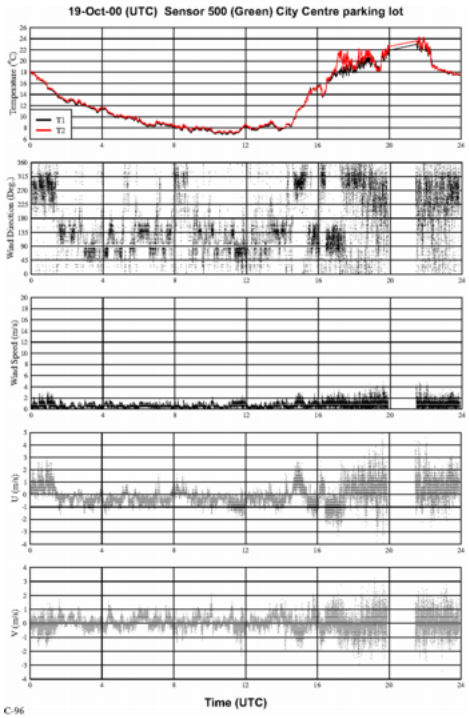
C-93



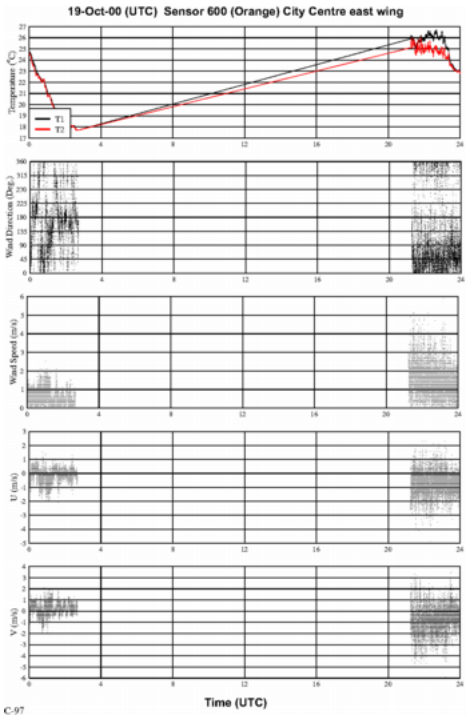
C-94



C-95

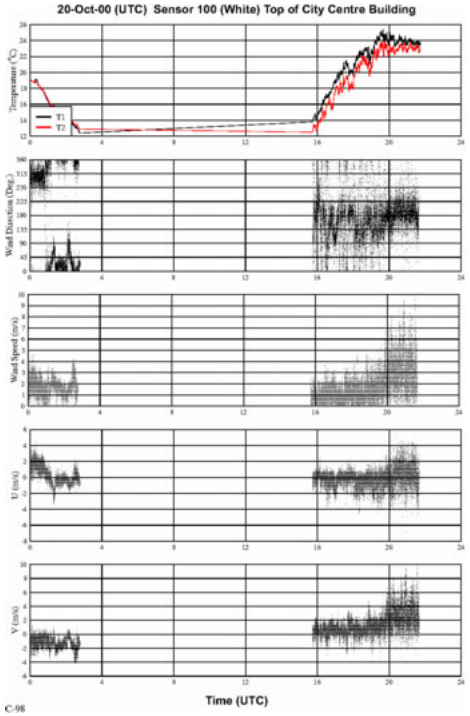


C-96

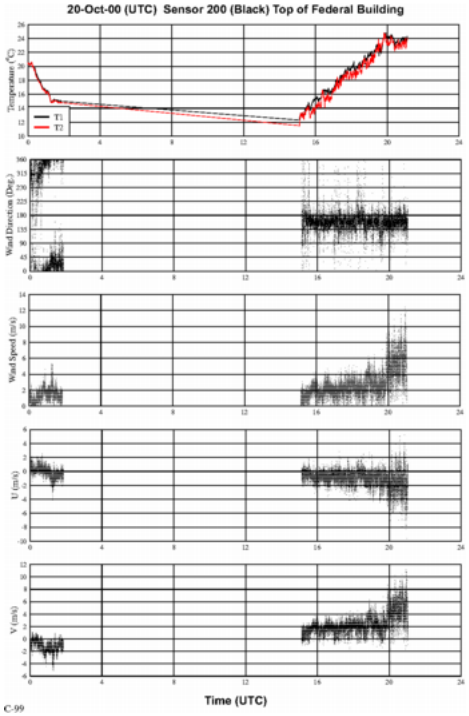


C-97

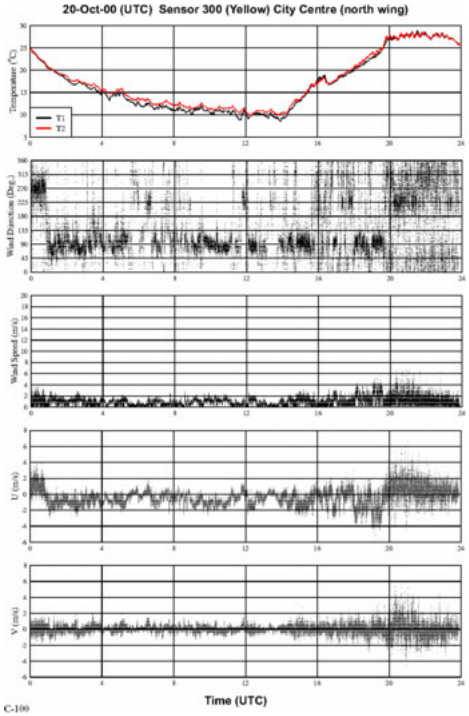
C-92 - C-97



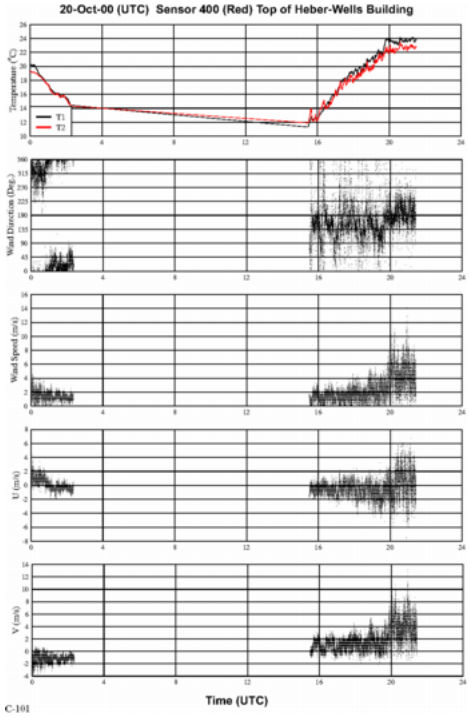
C-98



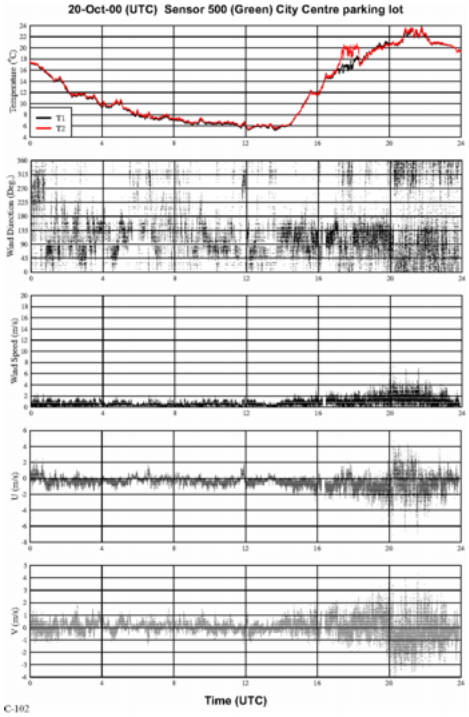
C-99



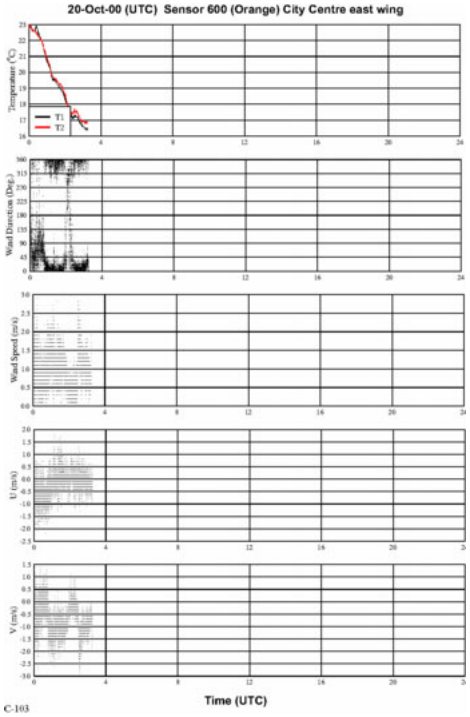
C-100



C-101

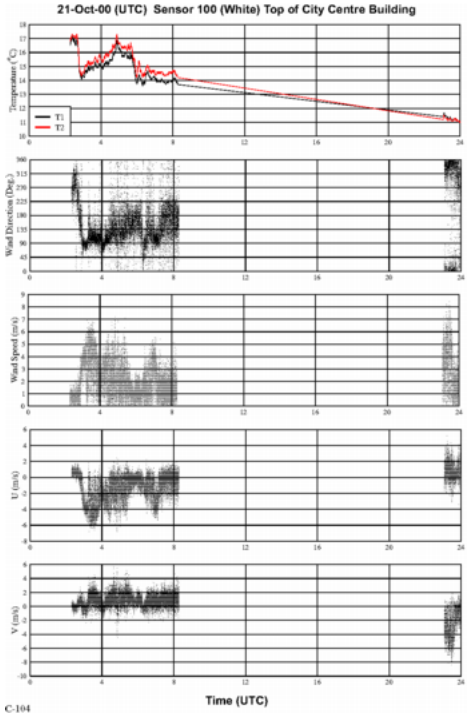


C-102

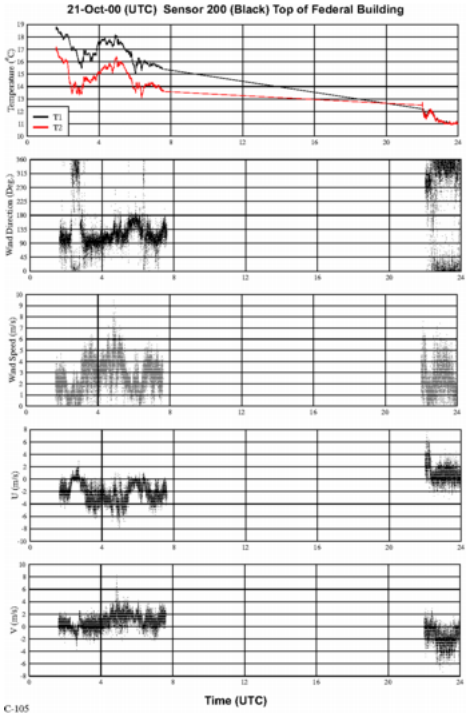


C-103

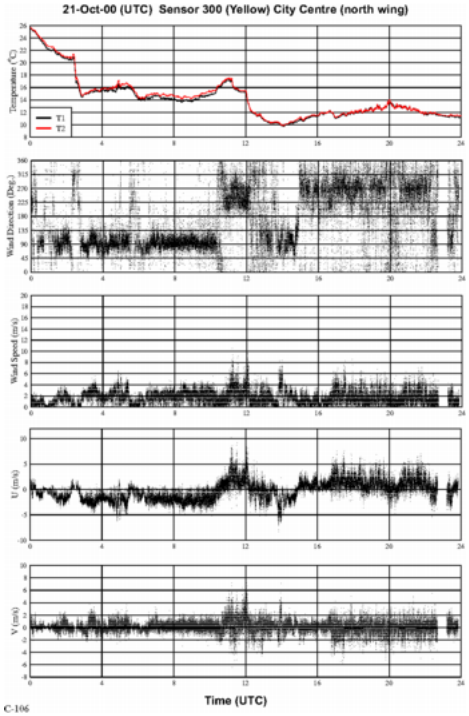
C-98 - C-103



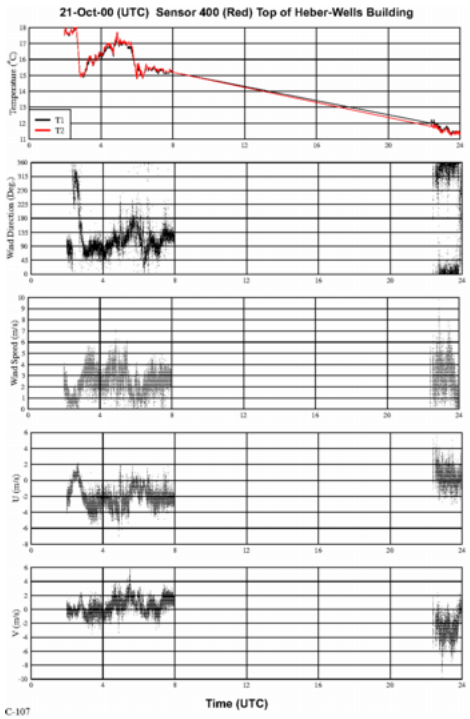
C-104



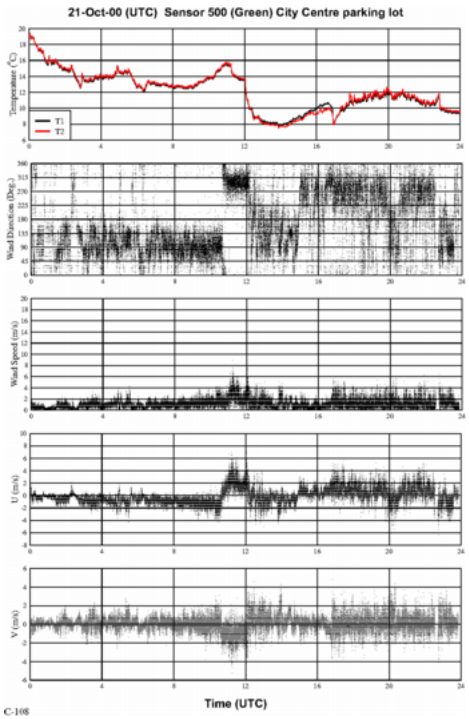
C-105



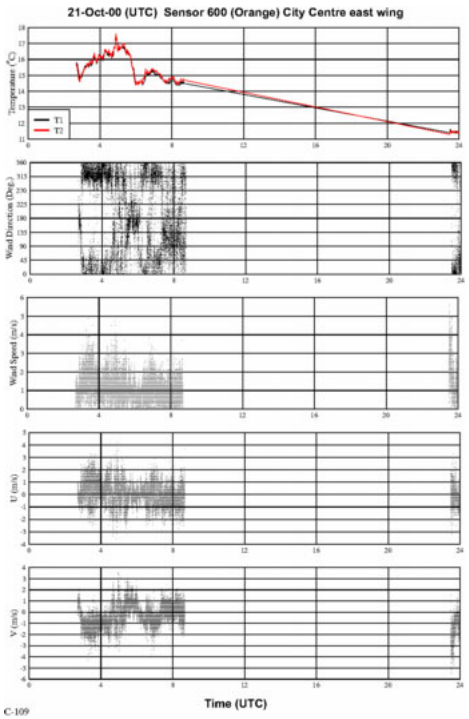
C-106



C-107

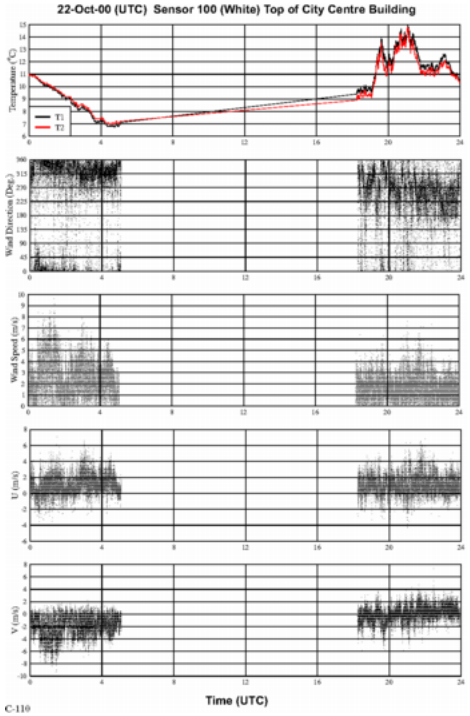


C-108

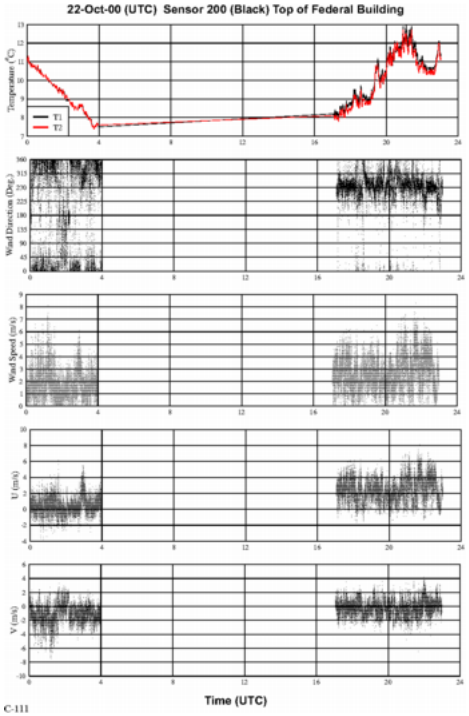


C-109

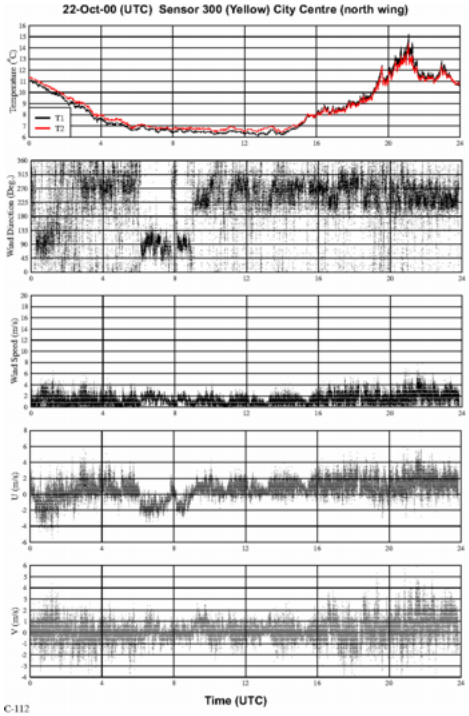
C-104 - C-109



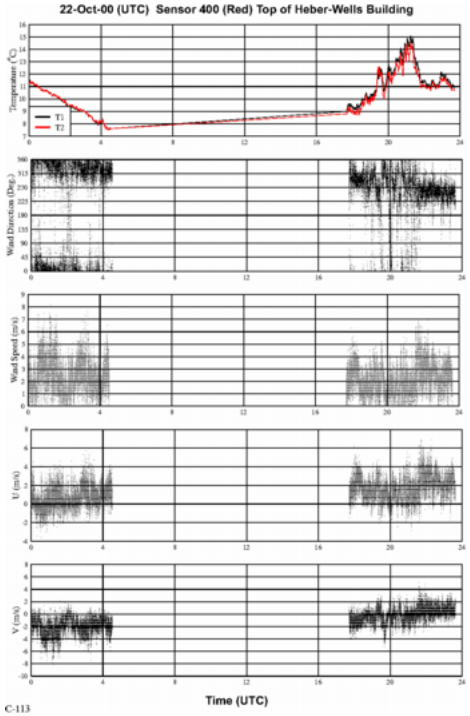
C-110



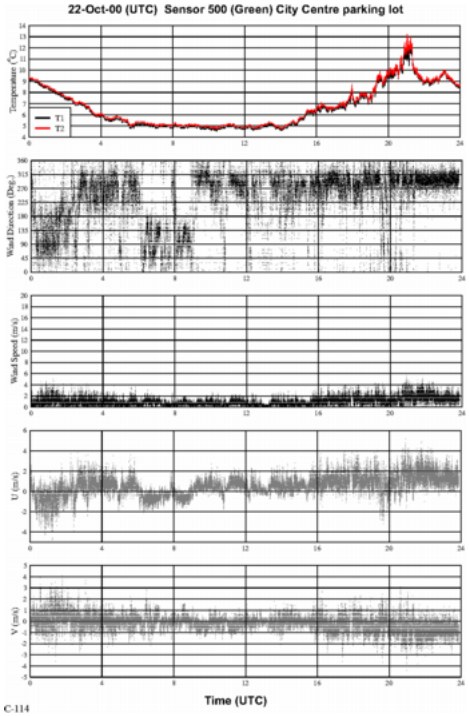
C-111



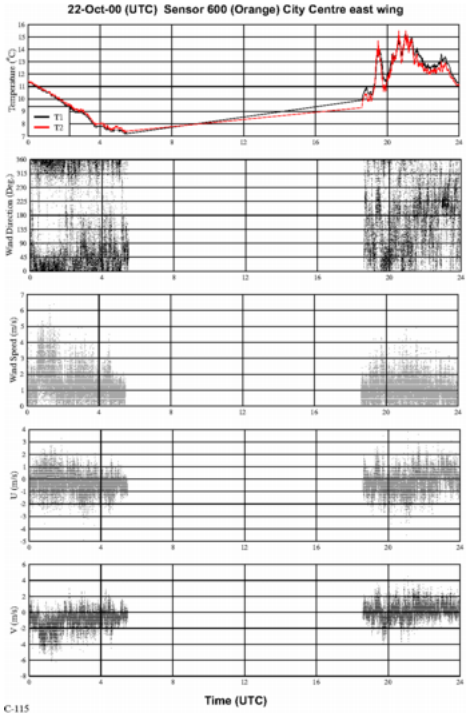
C-112



C-113

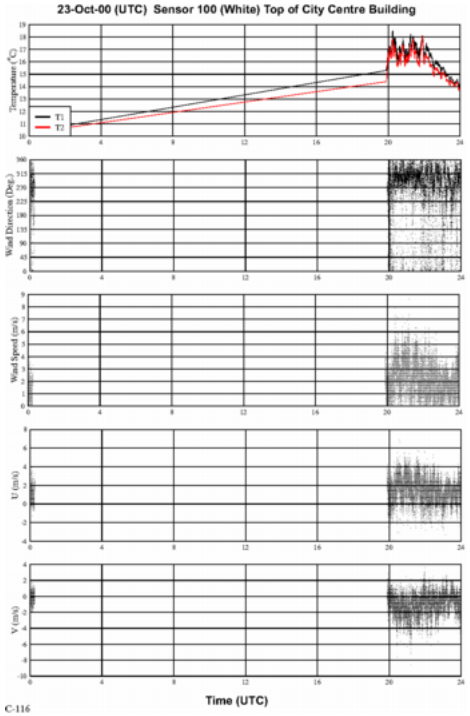


C-114

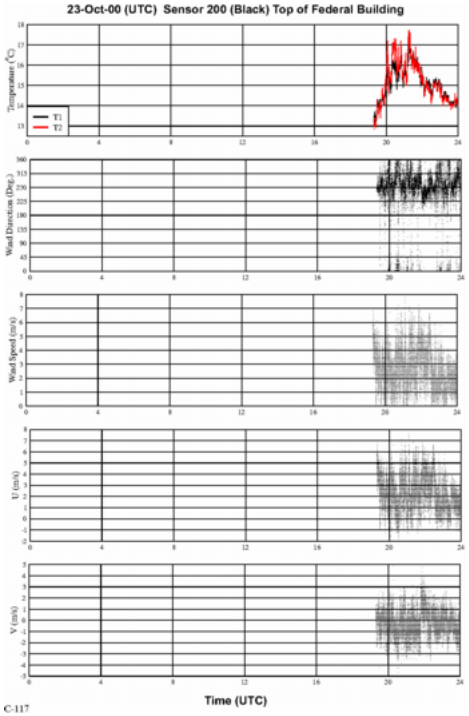


C-115

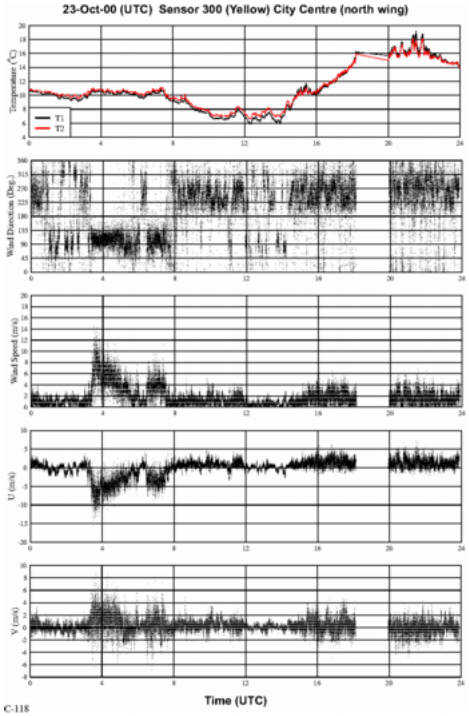
C-110 - C-115



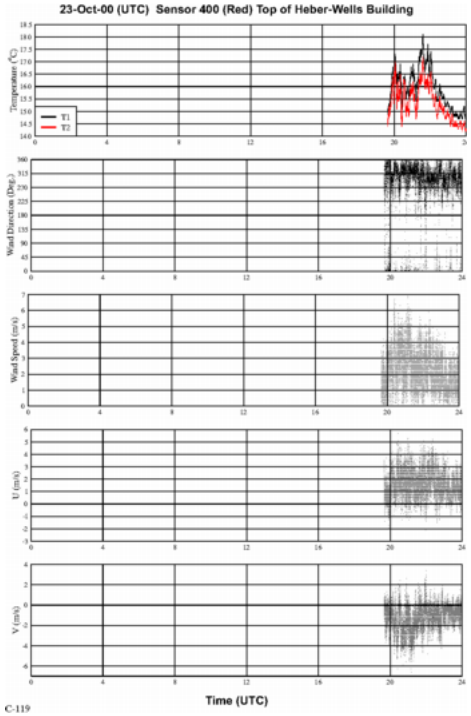
C-116



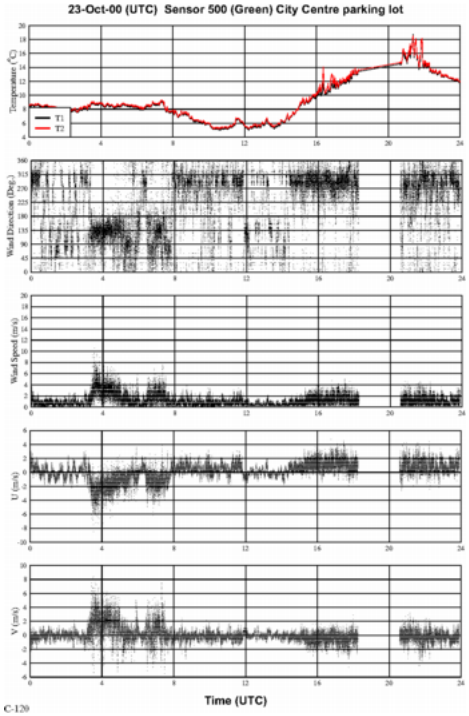
C-117



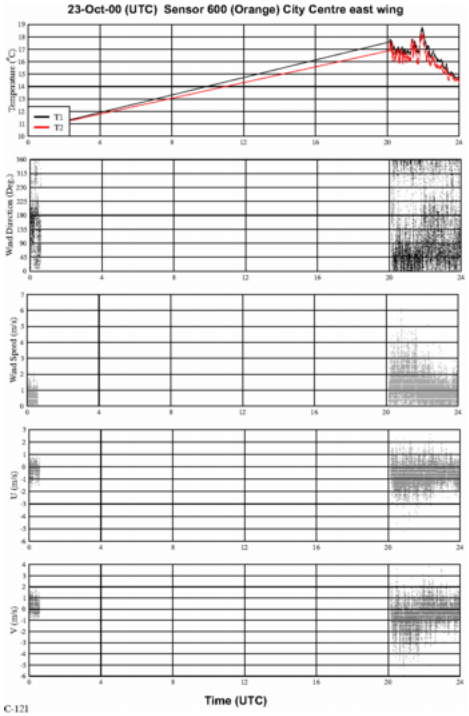
C-118



C-119

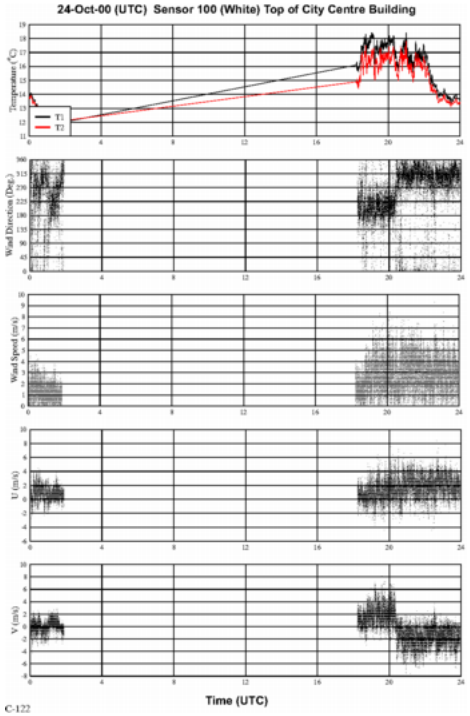


C-120

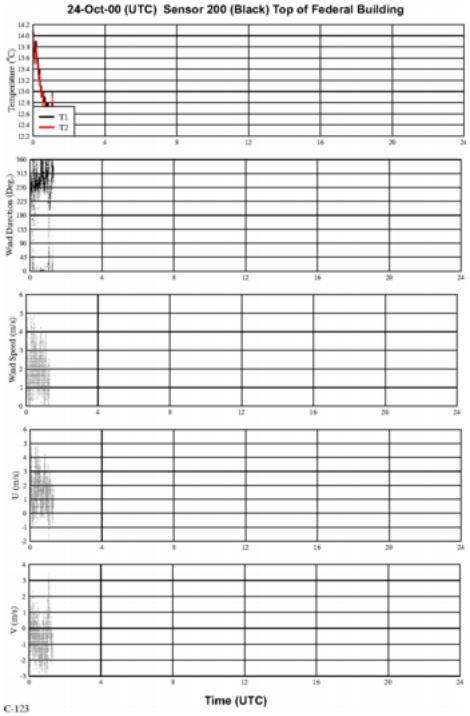


C-121

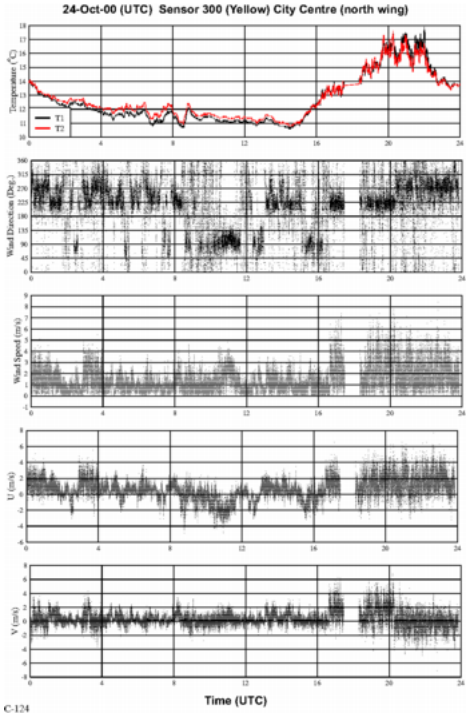
C-116 - C-121



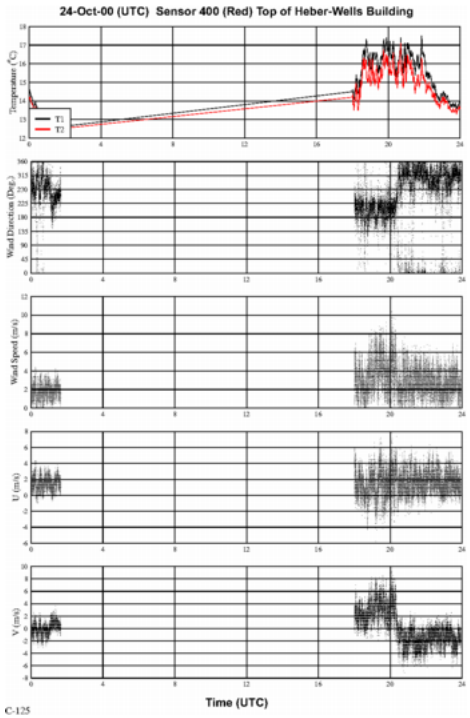
C-122



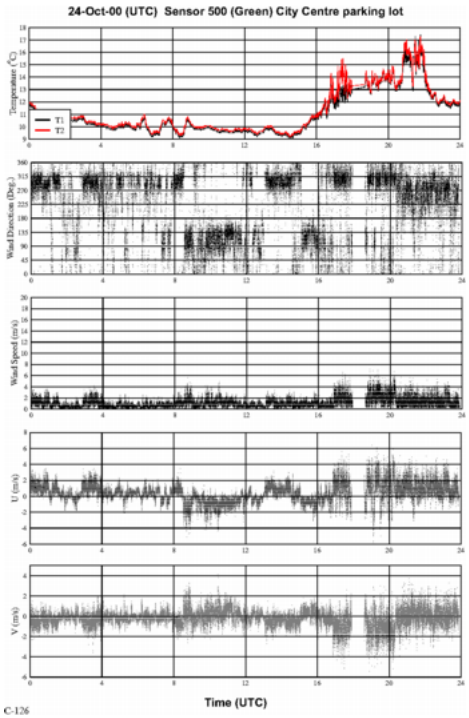
C-123



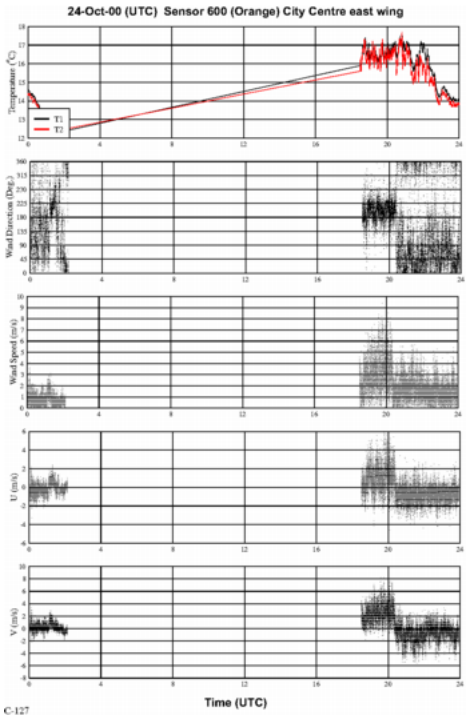
C-124



C-125

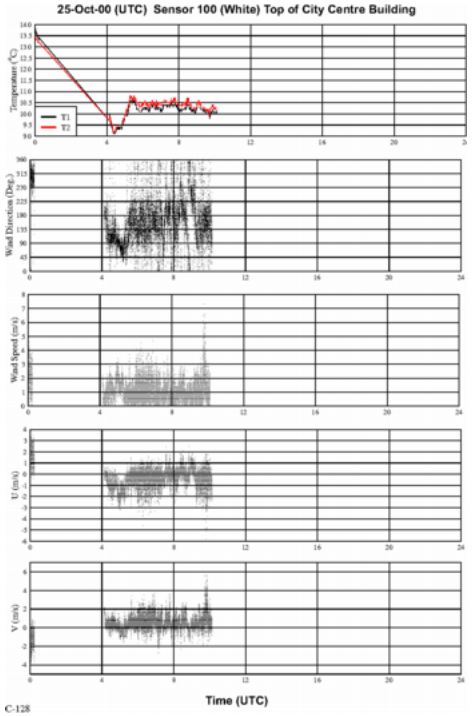


C-126

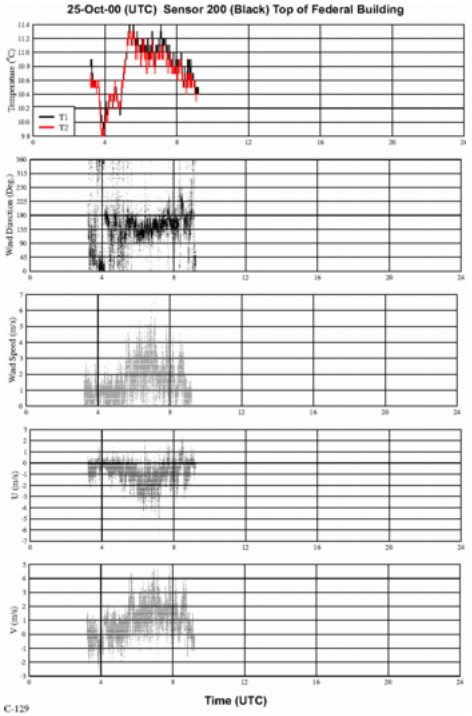


C-127

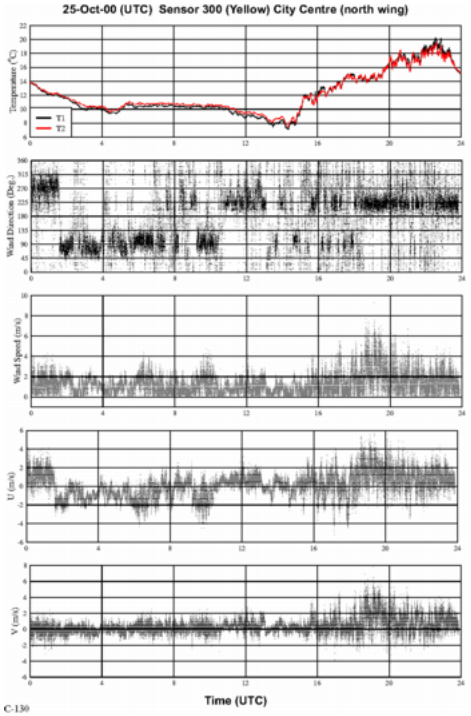
C-122 - C-127



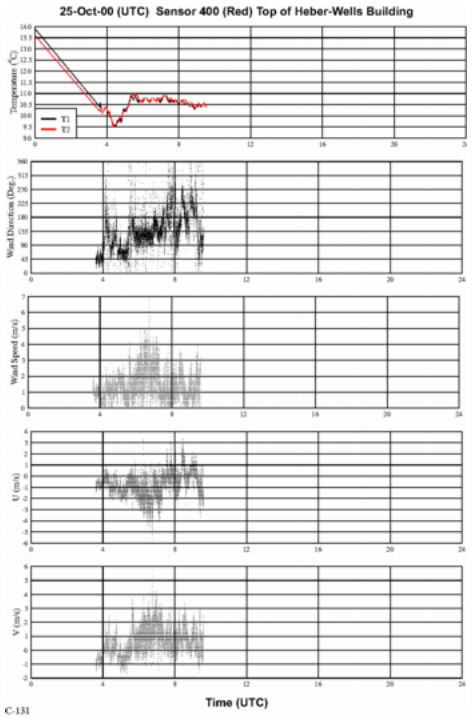
C-128



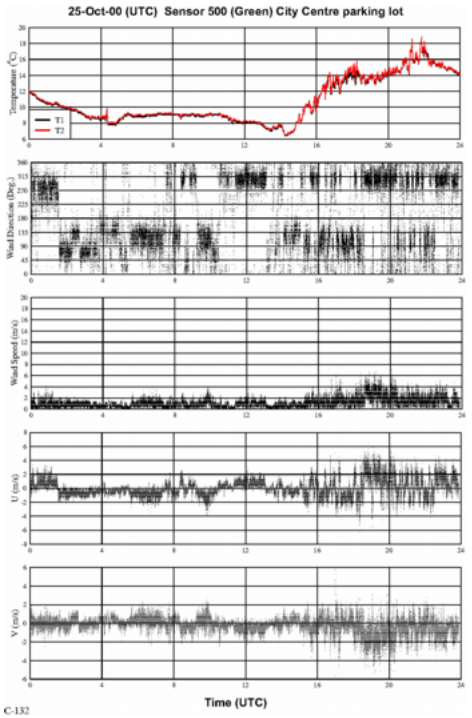
C-129



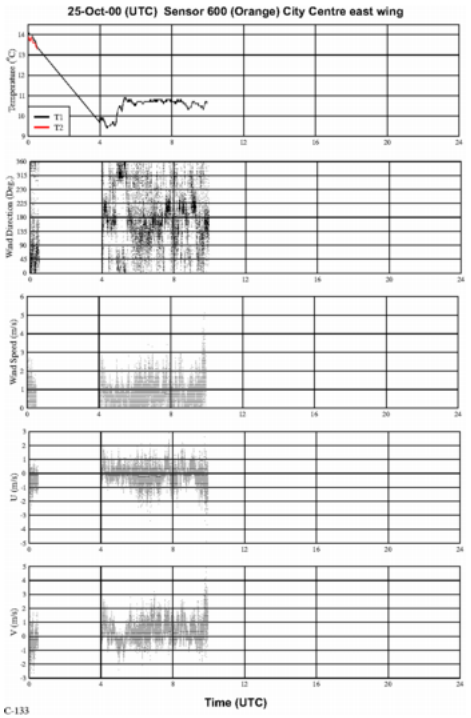
C-130



C-131

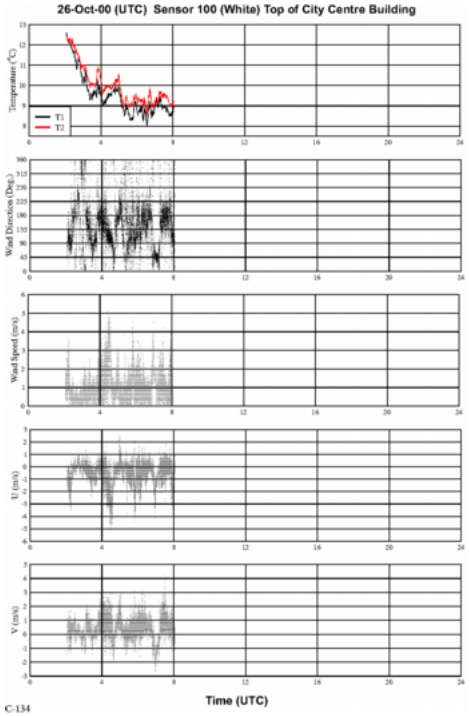


C-132

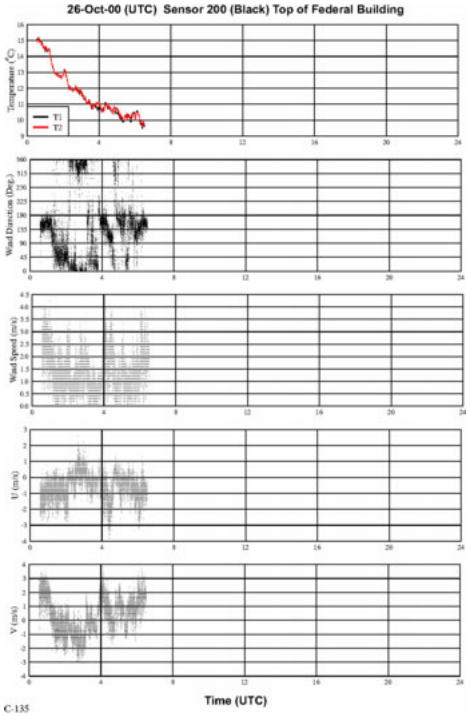


C-133

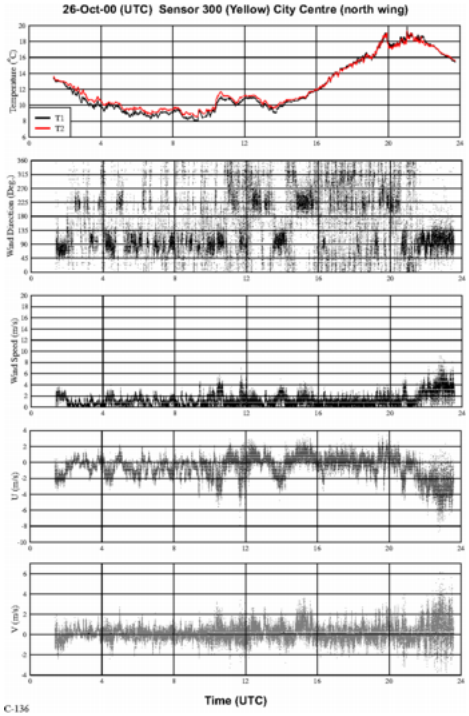
C-128 - C-133



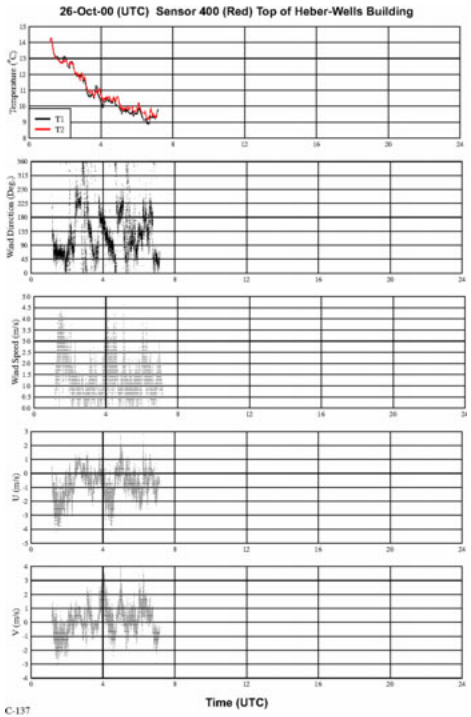
C-134



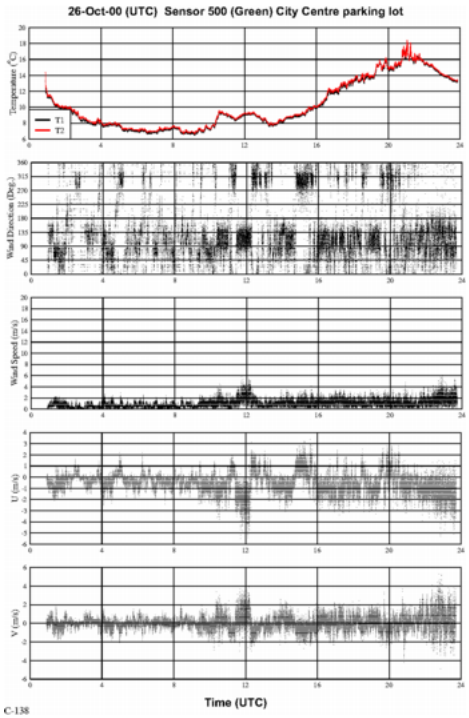
C-135



C-136

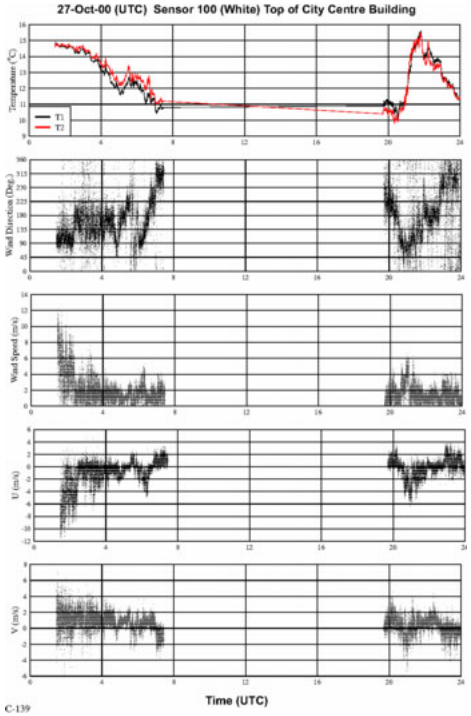


C-137

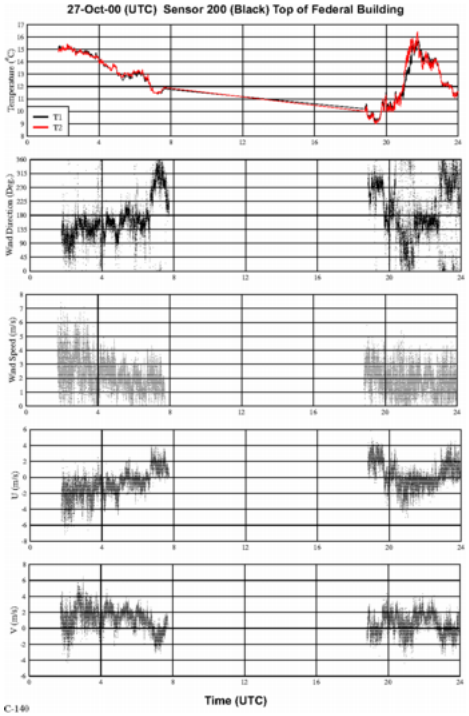


C-138

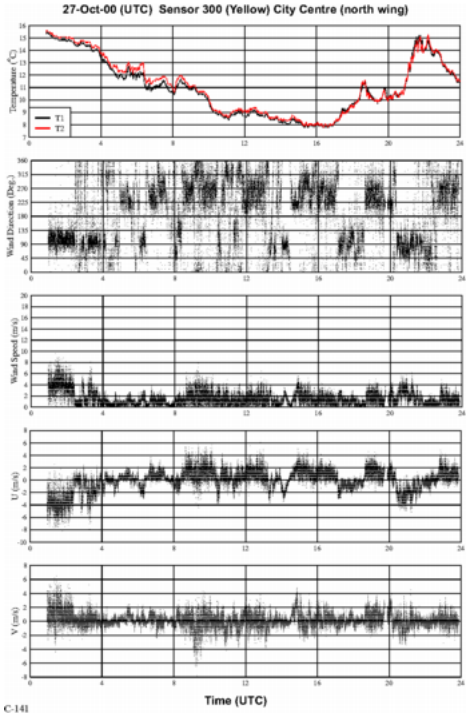
C-134 - C-138



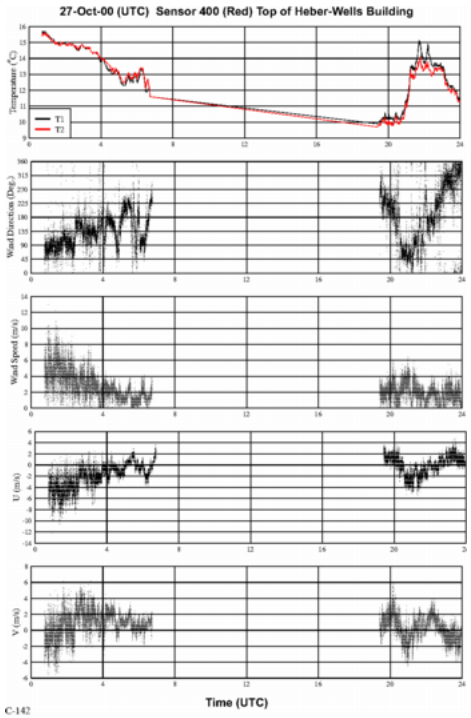
C-139



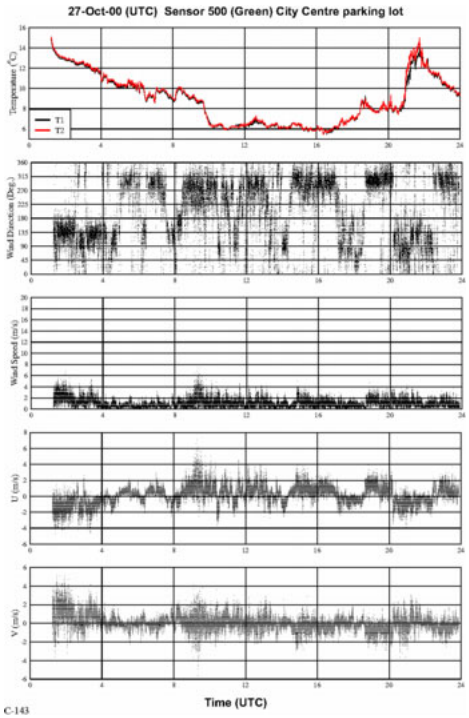
C-140



C-141

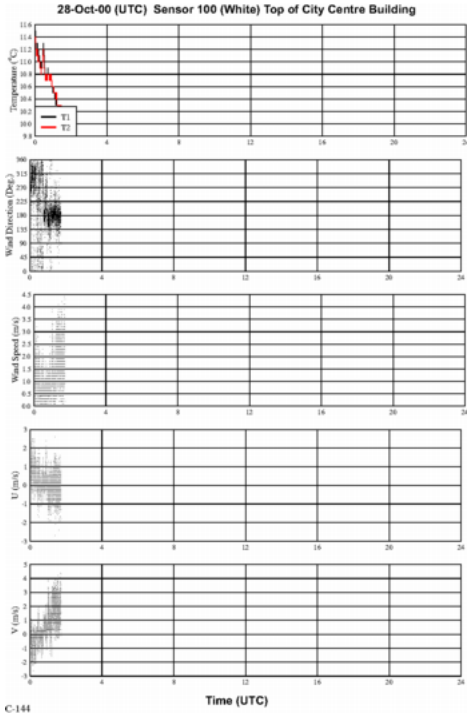


C-142

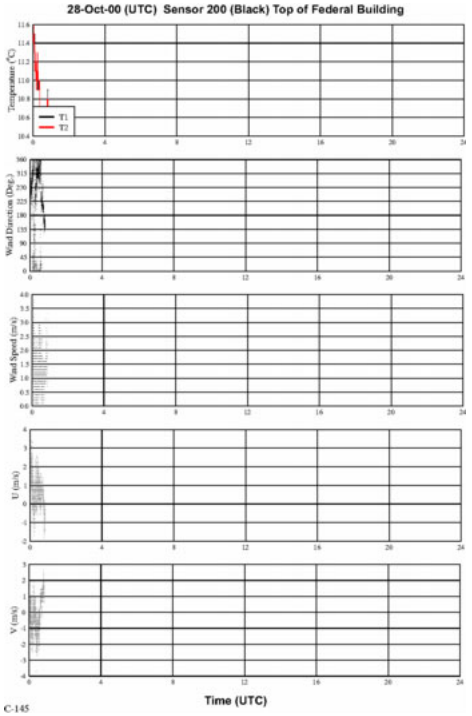


C-143

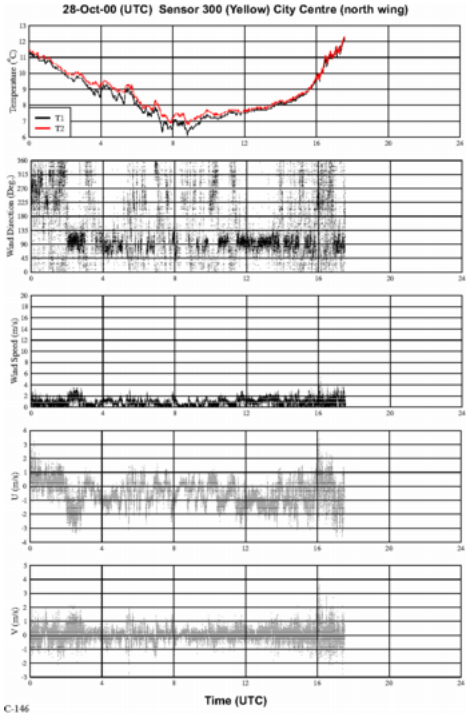
C-139 - C-143



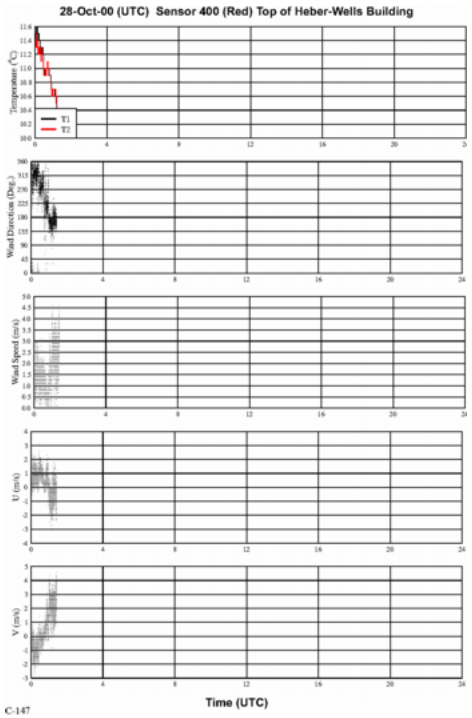
C-144



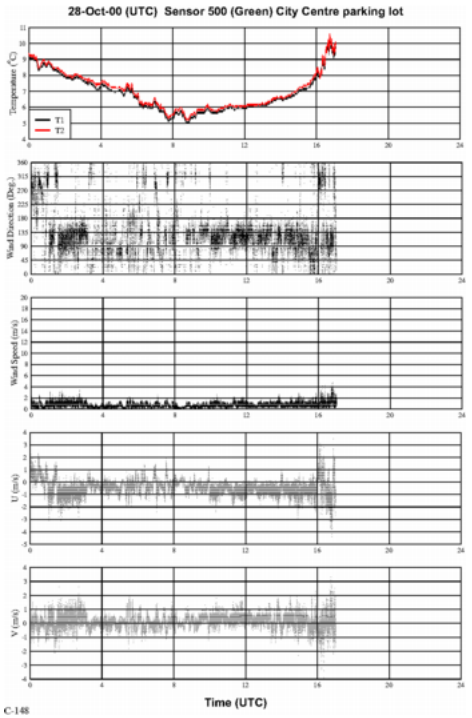
C-145



C-146



C-147



C-148

C-144 - C-148