CARBON DIOXIDE DATA STATION S10 Pier Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Dec 31, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 _____ From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-4.50 (57)

315-36

	~~L1~~ AL ~~L2~~	~~L3~~ AH ~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030															Analyzer shut down from 1630 on Dec 26 through 1000 on Dec 31.
0100															
0130															
0200															
0230															
0300															
0330															
0400															
0430															W_{CO_2} ref 84 = 320.19
0500															
0530															
0600															
0630															F_{84} = 0.9322
0700															
0730															
0800															
0830															
0900															
0930															
1000	m	-4.6		-4.6											
1030	-3.8	-4.2		-4.0											
1100	-4.0	-4.0		-4.0											
1130	-4.1	-4.3		-4.2											
1200	-4.1	-4.2		-4.2											
1230	-3.9	-4.2		-4.0											
1300	-4.2	-4.4		-4.3											
1330	-4.1	-4.5		-4.3											
1400	-3.1	-4.1		-3.6											
1430	-4.5	-4.4		-4.4											
1500	-4.2	-4.8		-4.5											
1530	-4.5	-4.7		-4.6											
1600	-4.2	-4.8		-4.5											
1630	-4.5	-4.7		-4.6											
1700	-4.4	-4.2		-4.3											
1730	-4.3	-4.6		-4.4											
1800	-4.5	-4.5		-4.5											
1830	-4.5	-4.5		-4.5											
1900	-4.5	-4.6		-4.6											
1930	-4.6	-4.4		-4.5											
2000	-5.0	-4.7		-4.8											
2030	-4.5	-4.8		-4.6											
2100	-4.8	-4.5		-4.6											
2130	-5.0	-4.6		~~-5.0~~ -4.8											
2200	-5.1	-5.1		-5.1											
2230	-4.8	-4.9		-4.8											
2300	-4.9	-4.9		-4.9											
2330	-5.2	-5.1		-5.2											320.19 + 0 / 0.9322
2400	-4.8	-5.3		-5.0											

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Dec 26, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-2.87 (64)

317.11

	AH ~~L1~~	AH ~~L2~~	AH ~~L3~~	AH ~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-1.7		-1.4			-1.6											
0100	-1.2		-0.8			-1.0											
0130	1.3		1.9			1.6											
0200	7.3		3.3			5.3											
0230	4.2		5.2			4.7											
0300	3.0		3.3			3.2											
0330	2.2		1.5			1.8											
0400	0.4		1.0			0.7											
0430	0.4		0.3			0.4											
0500	0.8		1.1			1.0											
0530	2.0		1.2			1.6											
0600	1.8		1.6			1.7											
0630	1.7		1.4			1.6											
0700	1.2		1.5			1.4											
0730	4.3		3.8			4.0											
0800	5.6		5.2			5.4											
0830	+2.2		5.3			3.8											
0900	-1.4		+0.3			~~-0.8~~	(-0.6)										
0930	-3.5		-3.3			-3.4											
1000	-3.9		-3.5			-3.7											
1030	-3.5		-3.8			-3.6											
1100	-3.2		-3.6			-3.4											
1130	-3.2		-3.0			-3.1											
1200	-2.8		-3.2			-3.0											
1230	-3.1		-2.7			-2.9											
1300	-2.3		-2.6			-2.4											
1330	-2.4		-2.8			-2.6											
1400	-3.1		-2.8			-3.0											
1430	-2.8		-2.8			-2.8											
1500	-3.2		-3.3			-3.2											
1530	-3.4		-3.6			-3.5											
1600	-3.4		-3.3			-3.4											
1630	~~[illegible]~~		AA			~~[illegible]~~											Analyzer was shut down from 1630 on Dec 26
1700																	
1730																	through 1000 on Dec 31.
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	320.19 ± 0
2400																	0.9322

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Dec 28, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-4.28 (96)

315.60

	AH ~~L1~~	AL ~~L2~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-1.9	-2.2		-2.0											
0100	-1.5	-1.8		-1.6											
0130	-0.7	+1.5		0.4											
0200	-1.3	-1.8		-1.6											
0230	-2.5	-2.8		-2.6											
0300	-3.3	-2.7		-3.0											
0330	-1.2	-0.7		-1.0											
0400	-2.3	-0.2		-1.2											
0430	-0.7	-0.8		-0.8											
0500	-1.0	-1.4		-1.2											
0530	-1.8	-1.8		-1.8											
0600	-4.8	-4.4		-4.6											
0630	-4.2	-4.2		-4.2											
0700	-2.5	-2.3		-2.4											
0730	-5.1	-3.0		-4.0											
0800	-4.4	-4.4		-4.4											
0830	-3.8	-3.8		-3.8											
0900	-5.4	-4.6		-5.0											
0930	-5.8	-6.0		-5.9											
1000	-6.2	-5.9		-6.0											
1030	-6.2	-5.8		-6.0											
1100	-6.2	-5.9		-6.0											
1130	6.3	-6.0		-6.2											
1200	-6.2	-6.1		-6.2											
1230	-6.3	-6.1		-6.2											
1300	-6.4	-6.1		-6.2											
1330	-6.2	-5.9		-6.0											
1400	-6.1	-6.2		-6.2											
1430	-5.8	-6.3		-6.0											
1500	-5.6	-5.6		-5.6											
1530	-5.5	-5.5		-5.5											
1600	-5.5	-5.3		-5.4											
1630	-5.6	-5.5		-5.6											
1700	-5.7	-5.8		-5.8											
1730	-5.5	-5.6		-5.6											
1800	-5.4	-5.4		-5.4											
1830	-5.6	-5.4		-5.5											
1900	+5.5	-5.6		-5.6											
1930	-5.2	-5.2		-5.2											
2000	-5.2	-5.2		-5.2											
2030	-5.2	-5.2		-5.2											
2100	-5.2	-5.4		-5.3											
2130	-5.2	-5.2		-5.2											
2200	-5.2	-4.8		-5.0											
2230	-5.1	-4.9		-5.0											
2300	-4.0	-4.7		-4.4											
2330	-1.1	-3.3		-2.2											320.19 ± 0
2400	-1.1	-1.1		-1.1											0.9322

HN

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Dec 24, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-.91 (84)

319.21

	AH ~~1~~ 2	AL ~~3~~ 4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	3.7	2.2		3.0											
0100	2.3	3.3		2.8											
0130	0.8	3.3		2.0											
0200	-0.6	-0.9		-0.8											
0230	+3.2	+3.2		3.2											
0300	1.2	3.2		2.2											
0330	+0.8	+0.6		+0.7											
0400	-0.6	-1.5		-1.0											
0430	-0.5	+1.8		+0.6											
0500	-1.9	-0.7		-0.3											
0530	-2.6	-2.0		-2.3											
0600	-2.0	-2.2		-2.1											
0630	-0.3	-0.6		-0.4											
0700	-0.4	+1.6		0.6											
0730	1.9	3.5		2.7											
0800	2.7	2.8		2.8											
0830	1.3	3.7		~~2.0~~ (+2.5)											
0900	1.0	0.6		0.8											
0930	0.2	2.5		1.4											
1000	1.4	1.6		1.5											
1030	-0.6	+0.7		0.0											
1100	-3.6	-3.1		-3.4											
1130	-3.8	-2.7		-3.2											
1200	-4.7	-3.8		-4.2											
1230	-4.7	-5.1		-4.9											
1300	-4.4	-5.0		-4.7											
1330	-2.9	-3.3		-2.6											
1400	-3.0	-3.3		-3.2											
1430	-3.2	m		-3.2											
1500	-3.3	m		-3.3											
1530	-4.0	-4.0		-4.0											
1600	-3.5	-4.3		-3.9											
1630	-3.0	-3.4		-3.2											
1700	-3.5	-3.6		-3.6											
1730	-2.6	-3.2		-2.9											
1800	-1.2	-2.2		-1.7											
1830															Power failure 1820
1900															to 2115.
1930															
2000															
2030															
2100															
2130	-2.5	-2.5		-2.5											
2200	-1.4	-3.2		-2.3											
2230	0.7	3.2		~~1.0~~ (+2.0)											
2300	0.4	0.7		0.6											
2330	-1.0	-0.9		-1.0											320.19 + 0
2400	-0.7	-0.8		-0.8											0.9322

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Dec 23, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

9.24 (95)
330.10

	AH L1	AH L2	AL L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	16.5		15.0			15.8											
0100	20.5		29.0			24.8											
0130	25.2		19.0			22.1											
0200	19.1		23.3			21.2											
0230	18.8		18.0			18.4											
0300	21.2		18.4			19.8											
0330	16.2		17.5			16.8											
0400	8.8		10.5			9.6											
0430	13.4		11.3			12.4											
0500	11.3		11.0			11.2											
0530	9.8		7.3			8.6											
0600	8.5		7.0			7.8											
0630	8.2		2.2			5.2											
0700	5.1		1.6			3.4											
0730	2.3		5.6			4.0											
0800	9.0		6.8			7.9											
0830	5.2		5.0			5.1											
0900	6.2		4.3			5.2											
0930	10.3		4.0			7.2											
1000	3.3		4.8			4.0											
1030	5.8		7.2			6.5											
1100	11.7		5.4			8.6											
1130	M		5.8			5.8											
1200	4.7		5.5			5.1											
1230	5.3		4.5			4.9											
1300	5.4		4.7			5.0											
1330	5.0		4.7			4.8											
1400	4.3		3.8			4.0											
1430	3.0		1.9			2.4											
1500	2.4		2.8			2.6											
1530	4.3		4.8			4.6											
1600	4.4		5.3			4.8											
1630	10.7		7.3			9.0											
1700	18.2		15.2			16.7											
1730	15.5		13.3			14.4											
1800	15.2		15.7			15.4											
1830	9.6		10.7			10.2											
1900	6.2		7.4			6.8											
1930	9.0		7.7			8.4											
2000	7.1		6.6			6.8											
2030	7.4		9.0			8.2											
2100	5.7		5.8			5.8											
2130	5.3		4.6			5.0											
2200	4.8		4.6			4.7											
2230	3.8		6.3			5.0											
2300	M		+1.1			+1.1											
2330	-3.8		-4.0			-3.9											320.19
2400	1.7		0.6			1.2											0.977

HN

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Dec 22, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

6.29 (80)
326.94

	AH L1	AH L2	AL L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	3.2		m			3.2											
0100	m		5.7			5.7											
0130	3.6		m			3.6											
0200	5.6		4.0			4.8											
0230	5.4		3.8			4.6											
0300	7.4		6.0			6.7											
0330	6.7		7.5			7.1											
0400	7.5		m			7.5											
0430	6.0		7.5			6.8											
0500	m		5.9			5.9											
0530	7.0		8.8			7.9											
0600	6.9		m			6.9											
0630	4.6		m			4.6											
0700	5.9		m			5.9											
0730	6.4		6.4			6.4											
0800	m		6.6			6.6											
0830	~~m~~ 6.0		~~m~~ 5.0			~~m~~ 5.5											
0900	~~m~~ 10.4		~~m~~ 8.6			~~m~~ 9.5											
0930	~~m~~ 12.1		~~m~~ 13.5			~~m~~ 12.8											
1000	5.9		~~m~~			5.9											
1030	5.4		5.9			5.6											
1100	4.1		7.1			5.6											
1130	3.0		3.5			3.2											
1200	3.0		3.1			3.0											
1230	1.9		1.6			1.8											
1300	m		m			m											Defrosted freezer coil.
1330	~~m~~		m			m											
1400	m		m			m											
1430	-0.1		m			-0.1											
1500	-1.1		-0.5			-0.8											
1530	-1.1		-1.3			-1.2											
1600	-1.4		-1.4			-1.4 ✓											
1630	m		-0.9			-0.9											
1700	-0.6		+1.3			0.4											
1730	1.9		2.1			2.0											
1800	3.2		3.7			3.4											
1830	7.3		5.1			6.2											
1900	4.2		11.9			8.0											
1930	8.3		10.2			9.2											
2000	6.3		5.8			6.0											
2030	13.1		12.8			13.0											
2100	11.3		11.2			11.2											
2130	15.8		16.1			16.0											
2200	15.2		14.8			15.0											
2230	11.7		8.8			10.2											
2300	10.2		11.5			10.8											
2330	12.4		11.8			12.1											320.19 + 0
2400	16.3		17.2			16.8											0.9322

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Dec 21, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-2.14 (9/-)

317.89

	AH ~~L1~~	L2	AL ~~L3~~	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-2.5		-3.0			-2.8											
0100	-1.2		-2.6			-1.9											
0130	-1.1		-0.7			-0.9											
0200	m		-0.7			-0.7											
0230	-2.4		-2.6			-2.5											
0300	m		-4.1			-4.1											
0330	~~m~~ -0.2		~~m~~ -2.0			~~m~~ -1.1											
0400	-6.1		-6.4			-6.2											
0430	-5.0		-5.8			-5.4											
0500	-5.4		-5.2			-5.3											
0530	-4.8		-5.0			-4.9											
0600	-5.2		-5.2			-5.2											
0630	-5.4		-5.2			-5.3											
0700	-4.6		-4.6			-4.6											
0730	-4.3		-4.4			-4.4											
0800	-4.4		-4.6			-4.5											
0830	-5.4		-4.3			-4.8											
0900	-4.4		-4.2			-4.3											
0930	-4.2		-4.4			-4.3											
1000	-4.2		-4.0			-4.1											
1030	-4.4		-4.1			-4.2											
1100	-3.2		-4.4			-3.8											
1130	-3.6		-4.2			-3.9											
1200	-2.2		-3.2			-2.7											
1230	-2.9		-2.3			-2.6											
1300	-2.4		-3.1			-2.8											
1330	-2.9		-2.5			-2.7											
1400	-3.2		-3.0			-3.1											
1430	-3.0		-3.6			-3.3											
1500	-3.4		-3.1			-3.2											
1530	-3.4		-3.4			-3.4											
1600	-3.1		-3.3			-3.2											
1630	-3.9		-3.4			-3.6											
1700	-3.7		-3.1			-3.4											
1730	-3.1		-3.2			-3.2											
1800	1.3		m			1.3											
1830	1.5		m			1.5											
1900	~~m~~ 2.1		~~m~~ 1.1			~~m~~ 1.6											
1930	3.9		m			3.9											
2000	5.0		4.1			4.6											
2030	m		4.6			4.6											
2100	~~m~~ 2.1		~~m~~ 1.1			~~m~~ 1.6											
2130	1.2		~~m~~ 1.2			1.2											
2200	~~m~~ 2.7		~~m~~ 1.5			~~m~~ 2.1											
2230	-1.5		2.9			0.7											
2300	1.8		1.7			1.8											
2330	-1.9		m			-1.9											320.19 + 5
2400	-0.1		-0.1			-0.1											0.97

HN

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Dec 20, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

10.59 (88)

331.55

	AH ~~L1~~ ~~L2~~	AL ~~L3~~ ~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	17.3	17.7		17.5											
0100	7.2	10.2		8.7											
0130	8.4	8.1		8.2											
0200	m	7.0		7.0											
0230	5.5	6.0		5.8											
0300	0.5	5.0		2.8											
0330	1.3	2.1		1.7											
0400	1.5	2.5		2.0											
0430	4.0	2.8		3.4											
0500	~~m~~ 17.0	5.6		~~5.6~~	11.3										
0530	~~m~~ 19.1	~~m~~ 21.1		~~m~~	20.1										
0600	~~m~~ 14.6	~~m~~ 19.4		~~m~~	17.0										
0630	~~m~~ 15.8	~~m~~ 13.4		~~m~~	14.6										
0700	~~m~~ 17.1	~~m~~ 14.1		~~m~~	15.6										
0730	12.0	11.6		11.8											
0800	m	13.5		13.5											
0830	9.6	12.0		10.8											
0900	m	9.0		9.0											
0930	3.5	m		3.5											
1000	5.9	5.9		5.9											
1030	14.5	6.0		10.2											
1100	12.2	12.0		12.1											
1130	11.6	11.2		11.4											
1200	11.4	11.7		11.6											
1230	11.6	11.8		11.7											
1300	8.7	8.9		8.8											
1330	8.5	6.3		7.4											
1400	8.0	8.0		8.0											
1430	7.8	8.4		8.1											
1500	8.0	8.0		8.0											
1530	11.1	8.5		9.8											
1600	12.2	10.8		11.5											
1630	16.0	14.2		15.1											
1700	m	20.5		20.5											
1730	1.0	m		1.0											
1800	3.4	1.0		2.2											
1830	4.8	3.6		4.2											
1900	14.9	5.7		10.3											
1930	9.0	14.5		11.8											
2000	m	10.5		10.5											
2030	m	1.7		1.7											
2100	-4.3	m		-4.3											
2130	-4.9	-4.4		-4.6	✓										
2200	-3.5	-3.9		-3.7											
2230	-4.0	-4.0		-4.0											
2300	-4.0	-3.8		-3.9											
2330	-2.4	-3.0		-2.7											320.19 + 0
2400	-3.0	-2.7		-2.8											0.9322

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Dec 19, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

9.54 (92)
33093

	AH L1	AH L2	AL L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	10.0		11.6			10.8											
0100	10.2		9.6			9.9											
0130	m		10.7			10.7											
0200	9.8		10.8			10.3											
0230	12.9		10.3			11.6											
0300	10.1		12.7			~~11.8~~ (11.4)											
0330	11.1		11.2			11.2											
0400	m		10.9			10.9											
0430	12.8		11.8			12.3											
0500	15.1		13.3			14.2											
0530	11.6		12.6			12.1											
0600	11.6		11.5			11.6											
0630	12.1		11.7			11.9											
0700	10.7		12.2			11.4											
0730	7.3		9.1			8.2											
0800	9.6		7.8			8.7											
0830	11.1		8.9			10.0											
0900	11.4		13.2			12.3											
0930	6.7		10.1			8.4											
1000	m		6.2			6.2											
1030	9.1		9.5			9.3											
1100	9.5		9.7			9.6											
1130	9.7		10.5			10.1											
1200	9.4		11.4			10.4											
1230	9.8		10.6			10.2											
1300	8.6		9.6			9.1											
1330	3.7		7.5			5.6											
1400	8.8		3.8			6.3											
1430	-2.6		m			-2.6											
1500	-2.5		-1.1			-1.8											
1530	-2.6		-3.4			-3.0											
1600	m		-1.2			-1.2											
1630	0.3		0.1			0.2											
1700	7.3		5.1			6.2											
1730	8.1		9.1			8.6											
1800	5.5		7.3			6.4											
1830	6.4		6.6			6.5											
1900	7.7		7.6			7.6											
1930	8.1		7.9			8.0											
2000	9.3		11.5			10.4											
2030	9.7		9.8			9.8											
2100	10.5		10.5			10.5											
2130	11.1		10.7			10.9											
2200	10.6		11.4			11.0											
2230	19.5		13.5			16.5											
2300	19.0		22.6			20.8											
2330	21.9		22.7			22.3											320.19 + 5
2400	24.6		28.0			26.3											0.9322

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 18 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank P4 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

7.40 (84)
328.13

	AH L1	AH L2	A.L. L3	A.L. L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-.4		-1.3			-.9	(-0.8)										
0100	-.1		-1.8			-1.0											
0130	-1.8		-1.6			-1.7											
0200	-.2		-.2			-.2											
0230	-.2		-.9			-.6											
0300	-.5		-.6			-.6											
0330	-.3		-.5			-.4											
0400	-.1		+.6			-.4	(+0.2)										
0430	+1.2		+2.9			+2.1	(+2.0)										
0500	4.4		5.3			4.9	(+4.8)										
0530	5.9		6.5			6.2											
0600	2.8		4.6			6.2											
0630	2.6		2.1			2.4											
0700	+.9		+2.0			2.0	(1.0)										
0730	—		3.7			3.7											
0800	5.0		—			5.0											
0830	m		m			m											Defrosted freezer coil.
0900	m		m			m											
0930	3.5		2.5			3.0											
1000	5.0		4.6			4.8											
1030	4.4		5.2			4.8											
1100	4.7		4.5			4.6											
1130	5.0		5.0			5.0											
1200	5.8		5.8			5.8											
1230	8.2		7.0			7.6											
1300	11.9		10.8			11.4											
1330	12.5		12.4			12.4											
1400	6.2		11.8			9.0											
1430	6.2		6.2			6.2											
1500	8.7		6.7			7.7											
1530	17.0		13.0			15.0											
1600	21.4		21.0			21.2											
1630	m	13.0	m	14.0		m	13.5										
1700	m	25.0	m	30.0		m	27.5										
1730	m	11.0	m	15.0		m	13.0										
1800	m	12.0	m	12.0		m	12.0										
1830	m	9.9	m	10.5		m	10.2										
1900	m	12.4	m	13.6		m	~~12.0~~ (13.0)										
1930	19.0		m			19.0											
2000	16.4		19.4			17.9											
2030	m		16.8			16.8											
2100	m		m			m											
2130	10.3		m			10.3											
2200	7.4		10.1			8.8											
2230	9.3		8.1			8.7											
2300	8.4		10.2			9.3											
2330	9.2		10.6			9.9											320.19+ 5
2400	m		9.0			9.0											0.9322

HN

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 17 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-.80 (92)

319.33

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	+.7		+.6			~~+.7~~	(+0.6)										
0100	-.5		—			-.5											
0130	-.9		-.4			~~-.7~~	(-0.6)										
0200	-1.5		-.2			-.9	(-0.8)										
0230	+.8		+2.8			+1.8											
0300	+3.6		+4.0			+3.8											
0330	+2.0		+.4			+1.2											
0400	—		-1.0			-1.0											
0430	-.5		+.7			+1											
0500	+1.4		+.7			~~+1.1~~	(+1.0)										
0530	+.9		-1.8			-.5	(-0.4)										
0600	-1.3		+1.7			+.2											
0630	+1.1		-.2			+.5	(+0.4)										
0700	-.6		-.4			-.5											
0730	+.8		-.2			+.3											
0800	—					—											
0830	+2.6		+3.9			3.3	(+3.2)										
0900	+3.1		+1.6			2.4											
0930	+1.9		+.4			1.2											
1000	-.7		-.3			-.5											
1030	+.2		-.2			-.5											
1100	-.6		-.6			-.6											
1130	-1.2		-1.9			-1.6											
1200	-2.3		-2.6			-2.5											
1230	-3.1		-3.2			-3.2											
1300	-3.4		-3.4			-3.4											
1330	-3.8		-3.6			-3.7											
1400	-4.4		-3.8			-4.1											
1430	-4.0		-4.1			~~-4.1~~	(-4.0)										
1500	-3.4		-3.8			-3.6											
1530	-4.7		-3.5			-4.1											
1600	-3.8		-3.6			-3.7											
1630	-3.5		-2.4			-3.0											
1700	-2.4		-2.9			-2.7											
1730	-3.2		-2.6			-2.9											
1800	-1.5		-.9			-1.2											
1830	-.6		-.4			-.5											
1900	+.5		+.6			+.6											
1930	+.6		-1.4			-.4											
2000	-1.8		-1.8			-1.8											
2030	-1.7		-1.8			-1.8											
2100	-1.4		+.2			-.6											
2130	-.7		-2.0			-1.4											
2200	+2.0		+.7			+1.4											
2230	-.2		-.6			-.4											
2300	-1.3		-1.5			-1.4											
2330	-.8		-.6			-.7											320.19 + 0 / 0.9322
2400	-.5		0.0			-.5	(-0.2)										
HN	—		-.6														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 16 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank B4 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-.88 (-82)
319.25

	AH. ~~L1~~	~~L2~~	AL. ~~L3~~	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	2.8		3.3			~~3.1~~	(+3.0)										
0100	5.1		3.8			4.5	(+4.4)										
0130	2.6		1.4			2.0											
0200	1.4		+.2			.8											
0230	+.2		-.2			0.0											
0300	-.5		-1.4			-1.0											
0330	-1.3		-1.7			-1.5											
0400	-1.4		-1.0			-1.2											
0430	-.7		-1.8			-1.3											
0500	-1.4		-1.7			-1.6											
0530	-1.8		-.9			-1.4											
0600	-1.4		-1.5			~~-1.8~~	(-1.4)										
0630	-1.6		+.8			-.4											
0700	+1.8		+3.2			+2.5											
0730	—		13.4			13.4											
0800	15.8		—			15.8											
0830	7.0		7.5			7.3											
0900	5.8		3.9			4.9											
0930	3.4		4.6			4.0											
1000	3.1		+.8			2.0											
1030	+.6		-.7			~~-.1~~	(0.0)										
1100	-1.4		+1.8			+.2											
1130	-1.5		-2.6			-2.1											
1200	-2.5		-2.6			-2.6											
1230	-2.4		-2.5			~~-2.5~~	(-2.4)										
1300	-3.0		-3.0			-3.0											
1330	-3.4		-3.2			-3.3											
1400	-2.2		-3.8			-3.0											
1430	-4.5		-2.3			-3.4	✓										
1500	-3.5		-2.7			-3.1											
1530	-2.8		-3.5			-3.2											
1600	-2.4		-3.1			-2.8											
1630	-3.0		-3.3			-3.2											
1700	-2.8		—			-2.8											
1730	—		+.1			+.1											
1800	-.4		—			-.4											
1830	-1.4		—			-1.4											
1900	0.0		+1.7			~~+.9~~	(+0.8)										
1930	—		+5.3			+5.3											
2000	+6.5		-1.4			+4.0											
2030	—		—			—											
2100	—		-1.3			-1.3											
2130	—		—			—											
2200	—		0.0			0.0											
2230	—		—			—											
2300	—		+8.1			+8.1											
2330	+6.8		+5.2			+6.0	✓										320.19 + 0
2400	+3.4		+1.9			+1.9											0.9322
	+1.9		+.5														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 15 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank P4 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-.38 (-.79)
319.78

	L1 (A.H.)	L2	L3 (A.L.)	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	1.6		.7			~~1.4~~	(+1.2)										
0100	1.0		1.2			1.1											
0130	-.9		-.1			-.5											
0200	+.5		-1.0			~~-.3~~	(+0.2)										
0230	-.5		-2.0			-1.3	(-1.2)										
0300	-1.5		-1.6			-1.6											
0330	-1.8		-2.2			-2.0											
0400	-2.2		-2.5			-2.4											
0430	-2.5		-2.5			-2.5											
0500	-1.9		-2.6			-2.3	(-2.2)										
0530	-2.4		-2.4			-2.4											
0600	-2.9		-2.7			-2.8											
0630	-2.0		-3.4			-2.7											
0700	-3.4		-2.8			-3.1	✓										
0730	-1.5		-2.1			-1.8											
0800	-.8		—			-.8											
0830	—		—			—											
0900	+4.3		—			+4.3											
0930	4.7		—			4.7											
1000	—		-2.6			-2.6											
1030	-1.9		-1.4			-1.7	(-1.6)										
1100	-1.2		-1.0			-1.1											
1130	-.5		-1.1			-.8											
1200	-1.3		-1.6			-1.5	(-1.4)										
1230	-2.0		-1.5			-1.8											
1300	—		—			—											
1330	-.7		-.3			-.5											
1400	0.0		+.6			+.3											
1430	-1.2		-1.5			-1.4											
1500	-1.2		-1.9			-1.6											
1530	-2.4		-2.0			-2.2											
1600	—		-2.0			-2.0											
1630	-1.1		-1.4			-1.3	(-1.2)										
1700	+.8		—			+.8											
1730	+3.4		+2.6			+3.0											
1800	+1.8		+.9			+1.4											
1830	-.4		-.2			-.3											
1900	+.8		+1.8			+1.3											
1930	—		—			—											
2000	—		+.5			+.5											
2030	—		-.8			-.8											
2100	-1.5		-.7			-1.1											
2130	—		-.7			-.7											
2200	—		-1.1			-1.1											
2230	+.3		+1.4			+.9											
2300	+3.4		+4.6			+4.0											
2330	—		+5.3			+5.3											320.19 + 0
2400	4.8		3.4			+4.1											0.932

HN

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 14 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-2.83 (94)

317.15

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-2.4		-3.4			-2.9											
0100	-3.4		-3.8			-3.6											
0130	-3.6		-4.1			-3.9	(-3.8)										
0200	-3.4		-4.0			-3.7											
0230	-4.4		-3.8			-4.1											
0300	-5.2		-5.2			-5.2											
0330	-5.5		-5.9			-5.9	✓										
0400	-5.5		-5.5			-5.5											
0430	-5.6		-5.4			-5.5											
0500	-5.5		-5.0			-5.3	(-5.2)										
0530	-5.0		-5.0			-5.0											
0600	-4.8		-4.9			-4.9	(-4.8)										
0630	-5.0		-5.3			-5.2											
0700	-5.0		-5.1			-5.1	(-5.0)										
0730	-5.3		-5.2			-5.3	(-5.2)										
0800	—		—			—											
0830	-6.1		-5.1			-5.6											
0900	-5.6		-5.0			-5.3											
0930	-5.1		—			-5.1											
1000	-4.8		-5.3			-5.1											
1030	-5.4		-5.7			-5.6											
1100	-5.4		-4.4			-4.9											
1130	-4.7		-4.2			-4.5											
1200	-4.2		-3.7			-4.0											
1230	-3.3		-2.6			-3.0											
1300	-5.2		-3.1			-4.2											
1330	-4.4		-3.9			-4.2											
1400	-3.1		+.2			-1.5											Flask Sample
1430	+.4		0.0			+.2											
1500	-1.9		-2.0			-2.0											
1530	-2.4		-2.3			-2.4											
1600	-2.6		-2.5			-2.6											
1630	-3.7		-3.6			-3.7	(-3.6)										
1700	-3.8		-4.1			-4.0											
1730	-4.5		-4.6			-4.6											
1800	-4.9		-4.8			-4.9											
1830	-5.0		-5.0			-5.0											
1900	-4.4		-4.0			-4.2											
1930	-1.1		+1.4			~~+1.3~~	+.2										
2000	+1.7		+5.9			3.8											
2030	+4.7		+5.5			5.1											
2100	+5.8		+7.3			6.7	(+6.6)										
2130	+9.5		+9.2			9.4											
2200	+8.1		+8.2			8.2											
2230	+7.5		+7.0			7.3	(7.2)										
2300	+7.1		+8.8			8.0											
2330	—		—			—											320.19 + 5
2400	+1.5		+1.4			1.5											0.9322
	+1.7		+1.5														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 13 DEC. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank _____ From Ref tank test of _____

Tank Press. _____ psi Obs. _____

7.09 (94)

327.81

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	11.	5	13	9		12.7											
0100	13.	2	15.	8		14.5											
0130	16.	0	15.	5		15.8											
0200	15.	9	13.	8		14.9											
0230	15.	6	15.	0		15.3											
0300	—		14.	2		14.2											
0330	14.	6	14.	1		14.4											
0400	14.	0	13.	4		13.7											
0430	12.	9	13.	5		13.2											
0500	12.	9	11.	5		12.1											
0530	11.	2	10.	8		11.0											
0600	10.	6	10.	3		10.5	(10.4)										
0630	8.	7	—			8.7											
0700	—		-3.	6		-3.6											
0730	-4.	3	-4.	9		-4.6											
0800	—		-4.	9		-4.9											
0830	-4.	9	-5.	5		5.2											
0900	-5.	4	-6.	0		-5.7											
0930	-6.	1	-6.	3		~~-7.4~~	-6.2										
1000	-5.	1	~~-8.~~			~~-5.4~~	-3.6										
1030	-3.	8	-4.	5		-4.2											
1100	-4.	6	-4.	8		-4.7											Disturbed trace
1130	-4.	0	-4.	6		-4.3											
1200	-4.	3	-4.	1		-4.2											
1230	-4.	5	-4.	8		-4.7	(-4.6)										
1300	-4.	0	-4.	2		-4.1											
1330	-3.	9	-4.	3		-4.0											
1400	-2.	9	-4.	6		-3.8											
1430	-5.	8	-3.	5		-4.7											
1500	-5.	3	-5.	3		-5.3											
1530	-4.	6	-4.	9		-4.8											
1600	-4.	9	-5.	4		-5.2											
1630	-4.	3	-4.	6		-4.5	(-4.4)										
1700	-4.	6	-4.	8		-4.7											
1730	-4.	6	-4.	6		-4.6											
1800	-4.	0	-4.	6		-4.3											
1830	-4.	5	-4.	6		-4.6											
1900	-4.	1	-5.	1		-4.6											
1930	-5.	6	-4.	0		-4.8											
2000	-4.	5	-4.	5		-4.5											
2030	-4.	0	-2.	9		-3.5	(-3.4)										
2100	-2.	2	-2.	3		-2.3											
2130	-1.	5	-1.	6		-1.6											
2200	-2.	0	-2.	4		-2.2											
2230	-1.	9	-2.	6		-2.3											
2300	-2.	2	-.	2		-1.2											
2330	+.	3	+1.	0		+.7											320.19 ± 0
2400	+1.	2	+.	9		-.2	(+.2)										0.9322
	+0.	0	1.	4													

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 12 Dec 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 8-4 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

13.46(80)
334.63

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	18.6		17.0			17.8											
0100	16.5		14.9			~~16.7~~	(15.7)										
0130	13.9		13.0			~~13.5~~	(13.4)										
0200	12.8		13.1			13.5	(13.4)										
0230	14.6		11.7			13.2											
0300	12.1		11.4			11.8											
0330	11.9		11.9			11.9											
0400	—		7.7			7.7											
0430	8.5		—			8.5											
0500	6.9		7.1			7.0											
0530	—		8.1			8.1											
0600	—		4.5			4.5											
0630	4.9		5.5			5.2											
0700	—		—			—											
0730	—		2.5			2.5	✓										
0800	2.2		4.3			3.3	(3.2)										
0830	4.4		4.5			4.5	(4.4)										
0900	—		4.4			4.4											
0930	3.2		8.8			6.0											
1000	8.5		8.1			8.3											
1030	8.0		8.8			8.4											
1100	6.4		8.1			7.3	(7.2)										
1130	8.0		8.0			8.0											
1200	7.9		7.6			7.8											
1230	7.4		7.3			7.4											
1300	7.4		8.4			7.9											
1330	13.7		14.6			14.2											
1400	15.4		16.1			15.8											
1430	16.2		19.0			19.6											
1500	20.6		23.2			21.9											
1530	22.8		24.2			23.5											
1600	23.8		24.5			24.2											
1630	23.4		20.3			21.9	(21.8)										
1700	18.7		16.1			17.4											
1730	19.0		20.1			19.6											
1800	20.5		23.9			22.2											
1830	24.9		23.3			24.1											
1900	21.6		22.5			22.1	(22.0)										
1930	23.0		—			23.0											
2000	—		22.9			22.9											
2030	24.0		—			24.0											
2100	—		—			—											
2130	—		—			—											
2200	—		—			—											
2230	—		20.5			20.5											
2300	22.0		14.6			18.3											
2330	16.0		—			16.0											320.19 + 0
2400	—		13.0			12.8											0.9322

13.6 ~~12.6~~ ~~12.7~~

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 11 Dec 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

5.37 (-.18)
325.95

	A.H L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	+1	3	-.	4		~~+.5~~	(.4)										
0100	-1.	0	-1.	6		-1.3											
0130	-.	6	-1.	7		-1.2											
0200	-1.	4	-1.	9		~~-1.9~~	(-1.6)										
0230	-1.	1	-1.	4		~~-1.3~~	(-1.2)										
0300	-1.	4	-2.	2		-1.8											
0330	-2.	4	-2.	3		-2.4	✓										
0400	-1.	3	+.	5		-.4											
0430	+1.	4	-.	1		~~+.7~~	(.6)										
0500	0.	0	-0.	8		-.4											
0530	-1.	0	—			~~-.5~~	-1.0										
0600	—		3.	4		~~1.9~~	(3.4)										
0630	+3.	8	+2.	9		+3.4											
0700	+1.	3	+1.	4		+1.4											
0730	—		+5.	1		~~+2.6~~	(5.1)										
0800	+4.	6	—			+4.6											
0830	—		—			—											
0900	4.	0	4.	0		4.0											
0930	5.	5	4.	9		5.2											
1000	4.	8	4.	9		~~4.9~~	(4.8)										
1030	5.	0	4.	8		4.9											
1100	5.	0	—			5.0											
1130	0.	0	+.	5		~~+.3~~	(+.2)										
1200	-.	6	+.	9		+.2											
1230	—		+5.	3		5.3											
1300	—		7.	1		7.1											
1330	6.	5	—			6.5											
1400	—		—			—											
1430	13.	9	—			13.9											
1500	—		7.	9		7.9											
1530	6.	6	—			6.6											
1600	—		3.	4		3.4											
1630	5.	2	6.	3		5.8											
1700	4.	9	4.	9		4.9											
1730	5.	7	6.	5		6.1											
1800	6.	8	—			6.8											
1830	7.	5	—			7.5											
1900	9.	6	9.	1		9.4											
1930	9.	9	11.	0		10.5	(10.4)										
2000	9.	9	10.	1		10.0											
2030	10.	7	11.	0		10.9	(10.8)										
2100	11.	6	12.	8		12.2											
2130	11.	5	11.	0		11.3	(11.2)										
2200	11.	2	—			11.2											
2230	—		13.	9		13.9											
2300	14.	2	13.	0		13.6											
2330	11.	4	12.	3		11.9	(11.8)										320.19 + 0.9322
2400	13.	4	16.	9		16.5	(16.6)										
	14.7		17.5														

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 10 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank F4 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-4.96 (87)
314.88

	AH ~~L1~~	~~L2~~	A.L ~~L3~~	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		—			—											
0100	-7.0		—			—											
0130	-4.8		-5.0			-4.9											
0200	-5.3		-5.7			-5.5											
0230	-5.1		-5.4			~~-5.3~~	(-5.2)										
0300	-5.1		-5.5			-5.3											
0330	-5.4		-5.7			-5.6											
0400	-6.1		-6.0			~~-6.1~~	(-6.0)										
0430	-6.1		-6.3			-6.2											
0500	-6.5		-7.0			-6.8											
0530	-7.5		-7.4			~~-7.5~~	(-7.4)										
0600	-6.7		-6.5			-6.6											
0630	-6.7		-7.0			~~-6.9~~	(-6.8)										
0700	-7.0		-7.3			-7.2											
0730	-6.8		-7.6			-7.2											
0800	-7.2		-7.8			-7.5											
0830	-7.1		-7.2			-7.2											
0900	-6.7		-6.0			-6.4											
0930	-6.2		-5.8			-6.0											
1000	-5.8		-5.9			-5.9	(-5.8)										
1030	-5.3		-5.6			-5.5	(-5.4)										
1100	-5.4		-5.6			-5.5											
1130	-5.7		-6.3			-6.0											
1200	-5.5		-5.8			-5.7	(-5.6)										
1230	-5.4		-5.9			-5.7	(-5.6)										
1300	-5.7		-5.7			-5.7											
1330	-6.0		-6.2			-6.1											
1400	-6.2		-5.9			-6.1	(-6.0)										
1430	-6.4		-5.0			-5.7											
1500	-5.7		-6.2			-6.0											
1530	-6.2		-6.0			-6.1											
1600	-6.4		-6.9			-6.7	(-6.6)										
1630	-6.3		-6.4			-6.4											
1700	-6.1		-6.3			-6.2											
1730	-6.4		-6.6			-6.5											
1800	-6.4		-6.8			-6.6											
1830	-6.0		-6.2			-6.1											
1900	-6.3		—			-6.3											
1930	—		—			—											
2000	—		-.3			-.3											
2030	-1.4		—			-1.4											
2100	-1.7		+2.5			+.4											
2130	+1.7		+.6			+1.2											
2200	-1.1		—			-1.1											
2230	+3.5		—			+3.5											
2300	—		-3.6			-3.6											
2330	—		-.7			-.7											320.19 + 0
2400	+.4		+.9			+.7											0.9322

HN

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 9 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 84 From Ref tank test of _____

Tank Press. _____ psi · Obs. _____

-3.42 (77)
316.52

	~~L1~~ AH	~~L2~~	~~L3~~ A.L	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-2	.5	-2	.1		-2.3											
0100	-2	.0	-2	.1		-2.1	(-2.0)										
0130	-2	.5	-1	.9		-2.2											
0200	-2	.3	-2	.9		-2.6											
0230	-2	.1	-2	.8		-2.5	(-2.4)										
0300	-3	.1	-2	.4		-2.8											
0330	—		-4	.4		-4.4											
0400	-4	.5	-4	.2		-4.4											
0430	-3	.6	-3	.6		-3.6											
0500	-4	.0	-4	.1		-4.1	(-4.0)										
0530	-4	.2	-3	.9		-4.1	(-4.0)										
0600	—		-3	.0		-3.0											
0630	-3	.9	-4	.0		-4.0											
0700	-4	.0	-3	.9		-4.0											
0730	-4	.2	-3	.9		-4.1	(-4.0)										
0800	—		—			—											
0830	—		—			—											
0900	1	.9	3	.0		2.5											
0930	—		-1	.2		-1.2											
1000	-2	.7	—			-2.7											
1030	-2	.9	—			-2.9											
1100	—		—			—											
1130	—		—			—											
1200	-.2		-.6			-.4											
1230	-1	.9	—			-1.9											
1300	—		-.9			-.9											
1330	-2	.5	-5	.7		-4.1											
1400	-5	.3	-3	.9		-4.6											
1430	-5	.9	-5	.3		-5.6											
1500	-5	.3	-6	.2		-5.8											
1530	-4	.1	-4	.3		-4.2											
1600	—		—			—											
1630	-3	.8	—			-3.8											
1700	-3	.9	-4	.4		-4.4	(-4.2)										
1730	-3	.8	—			-3.8											
1800	-4	.5	-3	.7		-4.1											
1830	-4	.0	-4	.0		-4.0											
1900	-4	.0	-3	.3		-3.7											
1930	-4	.0	-3	.6		-3.8											
2000	-3	.8	-4	.0		-3.9											
2030	-4	.4	-3	.4		-3.9											
2100	-2	.8	-2	.1		-2.5	(-2.4)										
2130	-1	.0	+1	.1		.1	(0.0)										
2200	—		-5	.9		-5.9											
2230	-6	.0	-6	.4		-6.2											
2300	-5	.9	-5	.6		-5.8											
2330	-5	.9	-5	.8		-5.9	(-5.8)										
2400	-5	.5	-5	.5		-5.9	(-4.4)										
	~~HH~~		-2	.2													

320.19 + 0
0.9322

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 8 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

2 5.13 (25)
− 1.79 (27)

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	26.1		27.3			26.7											318.25
0100	26.9		25.9			26.4											
0130	25.8		24.5			25.2											318.24
0200	25.0		29.9			~~29.5~~	(27.4)										
0230	—		25.2			25.2											318.24
0300	—		23.5			23.5											
0330	25.7		25.4			25.6											
0400	—		24.4			24.4											
0430	24.0		24.2			24.1											
0500	26.1		23.4			24.8											
0530	22.7		—			22.7											
0600	—		22.5			22.5	✓										
0630	22.0		23.6			22.8											
0700	—		28.6			28.6											
0730	—		26.9			26.9											
0800	26.4		—			26.4											
0830	24.0		—			24.0											
0900	—		—			—											
0930	—		—			—											Ref. gas check 0930-1630
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700	—		-1.4			-1.4											changed tank from 23 to 84
1730	-2.9		-2.5			-2.7											
1800	-2.4		-4.3			-3.4											
1830	-3.8		-4.3			~~-4.1~~	(-4.0)										
1900	-4.2		-4.3			~~-4.3~~	✓ (-4.2)										
1930	-4.0		-2.9			-3.5	− (3.4)										
2000	-2.4		—			-2.4											
2030	—		+.2			+.2											
2100	1.5		—			1.5											
2130	-1.8		+.5			-.7	(-0.6)										
2200	—		-.3			-.3											
2230	+.3		0.0			.2											23
2300	+.4		-2.2			-.9											
2330	-2.3		-3.0			-2.7	(-2.6)										84 320.19
2400	-3.3		-2.8			-3.0	(-2.9)										0.9722
	-.5		-3.0														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 7 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 25 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

24 74 (27.2)

317.84

	AH L1	L2	AC L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	27	5	27.	4		~~27.5~~	(27.4)										
0100	26.	4	25.	9		26.2											
0130	26.	3	25.	0		~~25.7~~	(25.6)										
0200	24.	8	24.	1		~~24.5~~	(24.4)										
0230	—		24.	4		24.4											
0300	25.	0	24.	4		24.7											
0330	24.	5	23.	6		~~24.1~~	(24.0)										
0400	24.	0	24.	1		24.1	(24.0)										
0430	23.	8	23.	9		23.9	(23.8)										
0500	23.	9	23.	9		23.9											
0530	24.	1	26.	7		25.4											
0600	27.	5	26.	4		27.0											
0630	25.	4	24.	6		25.0											
0700	—		26.	0		26.0											
0730	27.	0	—			27.0											
0800	25.	0	—			25.0											
0830	—		24.	5		24.5											
0900	22.	4	—			22.4											
0930	—		—			—											
1000	24.	9	23.	6		~~24.3~~	(24.2)										
1030	24.	4	22.	4		23.4											
1100	22.	1	21.	5		21.8											
1130	22.	4	20.	7		21.6											
1200	20.	9	21.	5		21.2	✓										
1230	20.	0	19.	2		19.6											
1300	—		—			—											
1330	21.	5	22.	0		21.8											
1400	21.	0	21.	5		~~21.3~~	(21.2)										
1430	20.	9	21.	8		21.4											
1500	22.	0	22.	9		~~22.5~~	(22.4)										
1530	23.	6	25.	4		24.5											
1600	—		23.	8		23.8											
1630	—		—			—											
1700	—		22.	3		22.3											
1730	—		—			—											
1800	—		26.	0		26.0											
1830	24.	5	23.	5		24.0											
1900	24.	8	22.	4		23.6											
1930	23.	5	23.	6		23.6											
2000	23.	3	23.	0		23.2											
2030	23.	8	24.	4		24.1											
2100	24.	1	—			24.1											
2130	—		—			—											
2200	—		32.	0		32.0											
2230	32.	0	—			32.0											
2300	—		—			—											
2330	32.	0	—			32.0											292.48 + 0
2400	—		25.	4		25.4	(24.7)										0.9756
	24.4		24.4														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 6 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

23.02 (88)
316.08

	L1 AH.	L2	L3 AL.	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	22.	6	22.	9		22.8											
0100	22.	6	22.	9		22.8											
0130	22.	2	23.	0		22.6											
0200	23.	0	22.	5		22.8											
0230	23.	5	23.	4		~~23.5~~	(23.4)										
0300	23.	5	—			23.5											
0330	—		—			—											
0400	23.	9	22.	8		23.4											
0430	22.	7	22.	0		22.4											
0500	22.	2	22.	5		22.4											
0530	22.	1	22.	5		22.3											
0600	—		23.	7		23.7											
0630	24.	7	23.	6		24.2											
0700	23.	0	23.	5		~~23.3~~	(23.2)										
0730	—		22.	1		22.1											
0800	—		—			—											
0830	—		21.	3		21.3											
0900	21.	0	20.	7		~~20.9~~	(20.8)										
0930	20.	1	20.	9		20.5											
1000	20.	0	20.	4		20.2											
1030	20.	2	20.	2		20.2											
1100	19.	6	25.	8		~~22.8~~	(22.7)										
1130	24.	3	20.	2		~~22.3~~	(22.2)										
1200	19.	4	19.	5		19.5	(19.4) ✓										
1230	19.	1	19.	9		19.5											
1300	18.	9	19.	9		19.4	✓										
1330	20.	3	20.	7		20.5											
1400	20.	9	21.	0		21.0											
1430	21.	8	22.	5		22.2											
1500	20.	5	21.	4		21.0											
1530	21.	9	20.	0		21.0											
1600	21.	3	21.	4		21.4											
1630	23.	9	22.	5		23.2											
1700	22.	0	—			22.0											
1730	—		23.	6		23.6											
1800	24.	5	22.	2		23.4											
1830	23.	1	24.	6		23.9	(23.8)										
1900	23.	7	24.	6		24.2											
1930	24.	2	23.	2		23.7											
2000	23.	1	23.	3		23.2											
2030	24.	0	22.	8		23.4											
2100	24.	0	26.	0		25.0											
2130	24.	8	24.	1		~~24.5~~	(24.4)										
2200	24.	8	25.	7		25.3											
2230	25.	9	27.	1		26.5											
2300	28.	3	29.	3		29.1	(28.8)										
2330	30.	1	30.	5		30.3											292.48 + 0 / 0.9756
2400	31.	0	29.	4		29.7	(29.1)										
	28.	3	27.	8													

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 5 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

22.50 (82)
315.54

	L1 ~~L2~~ AH.	~~L3~~ L4 A.L	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—	—		—											
0100	—	27.3		27.3											
0130	—	26.5		26.5											
0200	27.2	26.5		~~26.9~~	(26.8)										
0230	26.1	26.2		26.2											
0300	26.8	27.8		27.3											
0330	27.7	26.9		27.3											
0400	—	26.2		26.2											
0430	27.0	27.0		27.0											
0500	25.4	21.9		23.2											
0530	22.3	21.4		~~21.9~~	(21.8)										
0600	22.3	22.2		~~22.3~~	(22.2)										
0630	23.6	21.9		22.8											
0700	21.7	21.4		21.6											
0730	21.7	21.0		21.4											
0800	21.3	20.9		21.1											
0830	20.5	20.2		20.4											
0900	20.2	19.8		20.0											
0930	19.8	19.5		~~19.9~~	(19.6)										
1000	—	—		—											
1030	19.1	19.1		19.1											
1100	18.9	18.6		18.8											
1130	18.8	18.4		18.6											
1200	18.9	19.0		19.0											
1230	19.0	18.9		19.0											
1300	19.2	19.1		19.2											
1330	19.5	19.0		~~19.3~~	(19.2)										
1400	—	—		—											
1430	21.6	—		21.6											
1500	20.7	20.6		20.7	(20.6)										
1530	22.0	22.0		22.0											
1600	21.0	21.4		21.2											
1630	21.5	—		21.5											
1700	—	22.6		22.6											
1730	23.0	22.2		22.6											
1800	—	—		—											
1830	24.2	23.6		~~23.8~~	(23.9)										
1900	24.3	24.7		24.5											
1930	23.6	23.0		23.3											
2000	22.9	—		22.9											
2030	—	22.6		22.6											
2100	22.8	22.4		22.6											
2130	24.1	23.0		23.6											
2200	23.1	21.9		22.5											
2230	22.4	21.5		22.0											
2300	22.4	22.0		22.2											
2330	22.1	21.9		22.0											292.48 + 0 / 0.9756
2400	22.0	22.0		22.3											
	22.0	23.2													

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 4 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 27 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

27.60 (-88)

320.97

	L1 A,H	L2	L3 A,L	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	28.6		27.6			28.1											
0100	28.0		27.0			27.5											
0130	27.0		26.8			26.9											
0200	27.7		28.5			28.1											
0230	29.3		29.4			29.4											
0300	30.3		31.2			30.8											
0330	30.4		30.6			30.5											
0400	29.2		29.2			29.2											
0430	29.1		28.9			29.0											
0500	28.3		27.9			28.1											
0530	27.4		26.2			~~27.8~~	(26.8)										
0600	26.5		26.6			~~26.1~~	(26.0)										
0630	26.1		26.3			26.2											
0700	26.5		26.2			26.4											
0730	26.9		27.9			27.4											
0800	27.1		—			27.1											
0830	—		—			—											
0900	—		22.4			22.4											
0930	23.0		22.4			22.7											
1000	22.4		21.6			22.0	✓										
1030	22.1		22.1			22.1											
1100	23.1		24.0			23.6											
1130	23.6		23.1			23.4											
1200	23.1		23.9			23.5											
1230	24.9		26.3			25.6											
1300	26.2		25.6			25.9											
1330	25.4		—			25.4											
1400	23.8		23.1			~~23.5~~	(23.4)										
1430	23.4		23.4			23.4											
1500	23.7		23.7			23.7											
1530	23.8		22.8			23.3											
1600	22.6		23.5			~~23.1~~	(23.0)										
1630	23.1		22.9			23.0											
1700	23.9		24.0			24.0											
1730	23.3		22.7			23.0											
1800	23.0		24.0			23.5											
1830	25.9		26.4			26.2											
1900	26.6		28.6			27.6											
1930	28.1		28.0			28.1											
2000	29.1		—			29.1											
2030	32.2		31.1			~~31.9~~	(31.6)										
2100	32.0		31.1			31.6											
2130	32.8		33.6			33.2											
2200	34.4		33.6			34.0											
2230	36.6		36.1			36.4											
2300	35.9		—			35.9											
2330	—		46.6			46.6											292.48 + 0.0
2400	46.6		44.5			~~45.1~~	(45.6)										0.9756

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 3 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

36.12 (-76)

319.25

	L1 A.H.	L2	L3 A.L.	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		23.	9		23.9											
0100	23.	9	23.	5		23.7											
0130	—		28.	2		28.2											
0200	26.	7	31.	7		29.2											
0230	—		26.	8		26.8											
0300	26.	9	29.	0		28.0											
0330	29.	2	28.	4		28.8											
0400	27.	5	27.	5		27.5											
0430	25.	8	25.	6		25.7											
0500	25.	5	26.	3		25.9											
0530	27.	3	27.	0		27.2											
0600	26.	5	27.	9		27.2											
0630	27.	9	28.	5		28.2											
0700	25.	4	23.	4		24.4											Disturbed trace
0730	23.	3	26.	8		~~25.1~~	(25.0)										
0800	26.	0	25.	0		25.5											
0830	—		27.	5		27.5											
0900	25.	0	28.	9		27.0											
0930	27.	0	26.	4		26.7											
1000	25.	7	—			25.7											
1030	—		33.	5		33.5											Power appears to have been
1100	—		—			—											off on Pier from 10:45-1200
1130	—		—			—											
1200	—		—			—											
1230	—		—			—											
1300	26.	5	26.	5		26.5											
1330	25.	7	24.	0		24.9											
1400	23.	6	23.	0		23.3											
1430	21.	4	23.	1		22.3											
1500	21.	8	22.	5		22.2											
1530	22.	6	22.	8		22.7											
1600	—		—			—											Disturbed trace
1630	22.	2	21.	6		21.9											
1700	22.	5	—			22.5											
1730	—		24.	9		24.9											
1800	25.	3	26.	9		26.1											
1830	26.	5	26.	6		26.6											
1900	—		25.	5		25.5											
1930	25.	9	26.	2		~~26.1~~	(26.0)										
2000	—		30.	0		30.0											
2030	28.	8	27.	0		27.9											
2100	26.	7	24.	2		~~25.5~~	(25.4)										
2130	—		25.	6		25.6											
2200	26.	5	26.	1		26.3											
2230	25.	4	26.	2		25.8											
2300	26.	6	—			26.6											
2330	27.	3	26.	4		~~26.9~~	(26.8)										292.48 + 2.0
2400	26.	8	28.	5		~~28.4~~	(28.3)										0.9756
HR	29.	0	28.	9													

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 2 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

29.24 (29)
322.45

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		—			—											
0100	—		—			—											
0130	—		—			—											
0200	—		—			—											
0230	—		—			—											
0300	—		—			—											
0330	—		—			—											
0400	—		—			—											
0430	—		—			—											
0500	—		—			—											
0530	—		—			—											
0600	—		—			—											
0630	—		—			—											
0700	—		—			—											
0730	—		—			—											
0800	—		—			—											Resume flow at 0810
0830	23.4		25.6			24.5											Disturbed trace
0900	24.3		—			24.3											↓
0930	27.5		—			27.5											Power off 0945 to 1030
1000	—		—			—											pier shut down until 1540
1030	—		—			—											
1100	—		—			—											
1130	—		—			—											
1200	—		—			—											
1230	—		—			—											
1300	—		—			—											
1330	—		—			—											
1400	—		—			—											
1430	—		—			—											
1500	—		—			—											
1530	—		—			—											
1600	—		39.5			39.5											
1630	—		—			—											
1700	—		—			—											
1730	27.8		26.6			27.2											
1800	27.9		25.0			~~26.5~~	26.4										
1830	25.3		25.4			25.4											
1900	26.7		29.0			~~27.9~~	27.8										
1930	29.9		36.9			33.4											
2000	35.4		—			35.4											
2030	—		—			—											
2100	—		29.5			29.5											
2130	—		35.9			35.9											
2200	36.3		31.1			33.7											
2230	32.4		28.6			30.5											
2300	26.8		24.9			~~25.9~~	25.8										
2330	25.6		24.7			25.2											292.48 + 0
2400	26.3		24.4			25.3											0.9756
	MN 5.1		—														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 1 Dec. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

28.33 (28)

321.52

	AH L1	AH L2	AL L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		—			—											
0100	—		—			—											
0130	—		—			—											
0200	—		—			—											
0230	—		—			—											
0300	—		—			—											
0330	—		—			—											
0400	—		—			—											
0430	—		—			—											
0500	—		—			—											
0530	—		—			—											
0600	—		—			—											
0630	—		—			—											
0700	—		—			—											
0730	—		—			—											
0800	—		—			—											Resume Flow at 0810
0830	22.8		—			22.8	not enough data for min.										
0900	22.3		24.8			23.6											
0930	28.2		30.9			29.6											
1000	30.6		30.8			30.7											
1030	30.8		31.9			31.4											
1100	32.2		30.8			31.5											
1130	29.0		27.2			28.1											
1200	27.0		25.3			26.2											
1230	26.0		26.6			26.3											
1300	28.0		—			28.0											
1330	28.7		25.0			~~26.9~~ (26.8)											
1400	27.8		26.6			252											
1430	28.3		30.9			29.6											
1500	28.5		30.0			~~29.3~~ (29.2)											
1530	—		32.4			32.4											
1600	32.9		—			32.9											Shut off Ref gas on chart at 1608
1630																	
1700																	
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	292.48 + C.O.
2400																	0.9956

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 30 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

26.19 (28)

319.32

	L1 (AH)	L2	L3 (AL)	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		—			—											
0100	—		—			—											
0130	—		—			—											
0200	—		—			—											
0230	—		—			—											
0300	—		—			—											
0330	—		—			—											
0400	—		—			—											
0430	—		—			—											
0500	—		—			—											
0530	—		—			—											
0600	—		—			—											
0630	—		—			—											
0700	—		—			—											
0730	—		—			—											
0800	—		—			—											Disturbed trace
0830	27.8		26.5			27.2											Resume flow at 0876
0900	26.3		27.7			27.0											
0930	26.9		27.2			~~27.1~~ (27.0)											
1000	26.2		26.6			26.4											
1030	26.6		24.8			25.7											
1100	24.6		22.7			~~23.9~~ (23.6)											
1130	23.5		22.6			~~23.1~~ (23.0)											
1200	23.4		23.4			23.4											
1230	23.8		—			23.8											
1300	—		—			—											
1330	25.8		24.6			25.2											
1400	25.0		26.2			25.6											
1430	27.0		~~28.9~~ (26.9)			27.0											
1500	29.4		29.0			29.2											
1530	28.8		29.0			28.9											
1600	29.8		—			29.8											Shut off Ref gas and
1630	—		—			—											chart at 1620
1700	—		—			—											
1730	—		—			—											
1800	—		—			—											
1830	—		—			—											
1900	—		—			—											
1930	—		—			—											
2000	—		—			—											
2030	—		—			—											
2100	—		—			—											
2130	—		—			—											
2200	—		—			—											
2230	—		—			—											
2300	—		—			—											
2330	—		—			—											292.48 ± .5
2400	—		—			—											0.9956

HN

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 25 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

28.48 (15)
321.67

	L1 (AH)	L2	L3	L4 (AL)	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		—			—											Ref GAS & Chart turned
0100	—		—			—											OFF until 1 of 28
0130	—		—			—											
0200	—		—			—											
0230	—		—			—											
0300	—		—			—											
0330	—		—			—											
0400	—		—			—											
0430	—		—			—											
0500	—		—			—											
0530	—		—			—											
0600	—		—			—											
0630	—		—			—											
0700	—		—			—											
0730	—		—			—											
0800	—		—			—											
0830	—		—			—											
0900	—		—			—											
0930	—		28.5			28.5											Not enough data for
1000	—		—			—											minimum value
1030	—		—			—											
1100	—		34.0			34.0											
1130	—		28.6			28.6											
1200	28.4		27.0			27.7											
1230	26.0		26.1			~~26.1~~	(26.0)										
1300	26.4		26.7			26.6											
1330	26.4		28.6			27.5											
1400	29.5		28.8			29.2											
1430	28.2		27.3			28.2											
1500	—		—														
1530	—		—														Ref gas and chart
1600	—		—														turned OFF for Holiday
1630	—		—			—											at 1550
1700	—		—			—											
1730	—		—			—											
1800	—		—			—											
1830	—		—			—											
1900	—		—			—											
1930	—		—			—											
2000	—		—			—											
2030	—		—			—											
2100	—		—			—											
2130	—		—			—											
2200	—		—			—											
2230	—		—			—											
2300	—		—			—											
2330	—		—			—											292.48 + 0
2400	—		—			—											0.9956

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 24 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

28.77 (41)
327.97

	AH L1	L2	AL. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	27.6		27.0			27.3											
0100	27.8		27.1			~~27.5~~ (27.4)											
0130	—		28.6			28.0											
0200	28.7		27.6			28.2											
0230	—		28.5			28.5											
0300	27.9		28.0			~~27.9~~ (27.8)											
0330	28.5		29.4			29.0											
0400	30.0		27.5			28.8											
0430	—		27.3			27.3											
0500	28.9		27.5			28.2											
0530	27.8		27.0			27.4											
0600	26.6		27.5			~~27.1~~ (27.0)											
0630	28.1		27.2			~~27.7~~ (27.6)	not enough data										
0700	26.6		26.8			26.7											
0730	—		34.0			34.0											
0800	—		—			—											
0830	28.1		28.0			~~28.1~~ (28.0)											
0900	31.6		31.4			31.5											
0930	—		—			—											REF GAS not flowing
1000	—		—			—											
1030	—		—			—											
1100	—		—			—											
1130	—		—			—											
1200	—		—			—											
1230	—		—			—											
1300	—		—			—											
1330	—		—			—											
1400	30.8		30.4			30.6											
1430	31.7		31.8			31.8											
1500	30.5		30.5			30.5											
1530	29.5		28.9			29.2											
1600	—		—														
1630	28.5		28.1			28.3											
1700	28.6		—			28.6											1658 REF GAS & CHART turned OFF
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	292.48 + 5
2400																	29.76

HN

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 23 NOV 1952

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

27.74 (53)
320.91

	L1 AH	L2	L3 AL	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		—			—											
0100	—		—			—											
0130	—		—			—											
0200	—		—			—											
0230	—		—			—											
0300	—		—			—											
0330	—		—			—											
0400	—		—			—											
0430	—		—			—											
0500	—		—			—											
0530	—		—			—											
0600	—		—			—											
0630	—		—			—											
0700	—		—			—											
0730	—		—			—											
0800	—		—														
0830	—		—														
0900	24.7		25.4			~~25.6~~ (25.0)											Disturbed trace
0930	25.9		26.4			26.2											
1000	25.4		26.9			26.2											
1030	26.1		26.5			26.3											
1100	25.5		27.8			~~26.9~~ (26.6)											
1130	28.0		28.5			~~28.3~~ (28.2)											
1200	27.2		29.1			28.2											
1230	29.6		30.5			~~30.1~~ (30.0)											
1300	30.5		29.6			~~30.1~~ (30.0)											
1330	—		24.1			24.1											
1400	25.3		23.8			24.6											
1430	24.5		27.3			25.9											
1500	—		25.6			25.6											
1530	25.1		24.5			24.8											
1600	—		24.4			24.4											
1630	23.9		23.5			23.7											
1700	23.9		27.1			25.5											
1730	27.9		—			27.9											
1800	30.8		—			30.8											
1830	—		30.8			30.8											
1900	30.9		29.9			30.4											
1930	28.5		27.6			~~28.1~~ (28.0)											
2000	27.5		—			27.5											
2030	30.2		—			30.2											
2100	33.6		—			33.6											
2130	30.8		29.3			~~30.1~~ (30.0)											
2200	29.2		28.9			~~29.1~~ (29.0)											
2230	29.4		30.5			30.0											
2300	29.1		28.5			28.8											
2330	29.1		28.4			28.8											29.248 + 0
2400	28.6		28.8			28.7											0.9756
	~~29.4~~		~~27.7~~														

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 22 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

28.97 (66)
322.17

	AH. L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	34.9		31.1			33.0											
0100	31.6		29.8			30.7											
0130	28.9		28.4			~~28.9~~	(28.6)										
0200	28.4		28.0			28.2											
0230	27.5		—			27.5											
0300	27.8		27.9			~~27.9~~	(27.8)										
0330	30.0		26.8			28.4											
0400	26.4		26.1			~~26.3~~	(26.2)										
0430	26.4		—			26.4											
0500	28.1		29.0			28.6											
0530	29.5		30.5			30.0											
0600	28.1		28.4			~~28.3~~	(28.2)										
0630	28.4		—			28.4											
0700	28.8		25.6			27.2											
0730	25.5		25.7			25.6											
0800	—		27.0			27.0											
0830	26.4		26.2			26.3											
0900	28.0		30.7			29.4											
0930	31.3		31.8			31.6											
1000	30.6		31.4			31.0											
1030	31.9		31.7			31.8											
1100	31.6		31.4			31.5											
1130	31.6		31.0			31.3											
1200	31.0		29.4			30.2											
1230	29.0		30.0			29.5											
1300	29.7		30.0			~~29.9~~	(29.8)										
1330	29.0		29.6			29.0											
1400	28.9		28.0			~~28.5~~	(28.4)										
1430	27.3		27.9			27.6											
1500	27.1		27.3			27.2											
1530	28.8		28.9			~~28.9~~	(28.8)										
1600	29.2		28.9			~~29.1~~	(29.0)										
1630	28.9		29.0			29.0											
1700	—		30.3			30.3											
1730	31.0		29.1			~~30.1~~	(30.6)										
1800	29.1		—			29.1											
1830	—		—			—											REF GAS NOT FLOWING
1900	—		—			—											
1930	—		—			—											
2000	—		—			—											
2030	—		—			—											
2100	—		—			—											
2130	—		—			—											
2200	—		—			—											
2230	—		—			—											
2300	—		—			—											
2330	—		—			—											292.44
2400	—		—			—											0.9756

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 21 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

32.05 (68)
325.33

	L1 AH.	L2	L3 AL.	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	42.5		42.7			42.6											
0100	41.5		38.9			40.2											
0130	—		34.8			34.8											
0200	—		30.5			30.5											
0230	24.6		—			24.6	✓										
0300	—		—			—											
0330	—		32.4			32.4											
0400	34.2		—			34.2											
0430	—		—			—											
0500	28.4		29.0			28.7											
0530	31.2		—			31.2											
0600	—		—			—											
0630	31.0		27.5			~~29.3~~	(29.2)										
0700	27.5		25.7			26.6											
0730	25.8		—			25.8											
0800	27.9		27.8			~~27.9~~	(27.8)										
0830	—		30.6			30.6											
0900	—		33.2			33.2											
0930	32.5		33.2			~~32.9~~	(32.8)										
1000	32.5		32.6			32.6											
1030	31.6		30.6			31.1											
1100	30.6		31.3			30.9											
1130	—		28.5			28.5											
1200	—		30.0			30.0											
1230	30.3		30.0			30.2											
1300	30.0		29.0			29.5											
1330	34.9		35.8			35.4											
1400	—		—			—											
1430	29.5		—			29.5											
1500	26.0		28.5			~~29.3~~	(27.2)										
1530	28.3		27.9			28.1											
1600	29.5		29.5			29.5											
1630	30.0		30.8			30.4											
1700	31.3		—			31.3											
1730	33.8		31.4			32.6											
1800	—		32.4			32.4											
1830	33.9		34.0			34.0											
1900	33.5		—			33.5											
1930	—		—			—											
2000	—		—			—											
2030	—		29.7			29.7											
2100	30.0		30.8			30.4											
2130	27.1		33.0			~~30.1~~	(30.0)										
2200	34.8		37.2			36.0											
2230	36.4		—			36.4											
2300	—		43.5			43.5											
2330	43.0		—			43.0											292.48 + 0
2400	38.7		39.1			35.3	(35.6)										0.9956
	35.2		33.8														

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 20 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

32.18 (86)

325.46

	~~L1~~ AH.	~~L2~~	~~L3~~ AL.	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	24.6		23.8			23.9											
0100	23.9		24.6			~~24.3~~	(24.2)										
0130	23.9		23.6			23.8											
0200	24.1		24.0			~~24.1~~	(24.0)										
0230	25.3		25.1			25.2											
0300	26.1		27.4			26.8											
0330	26.6		25.3			26.0											
0400	26.0		25.5			25.8											
0430	25.9		25.6			25.8											
0500	25.9		26.0			26.0											
0530	27.5		25.9			26.7											
0600	26.1		26.0			~~26.1~~	(26.0)										
0630	25.8		25.6			25.7											
0700	26.3		26.0			26.2											
0730	25.6		24.5			~~25.1~~	(25.0)										
0800	24.9		24.0			~~24.5~~	(24.4)										
0830	—		22.2			22.2											
0900	24.2		24.3			~~24.3~~	(24.2)										
0930	25.0		24.4			24.7											
1000	26.0		25.2			25.6											
1030	24.8		26.0			25.4											
1100	26.5		25.9			26.2											
1130	26.5		27.0			26.8											
1200	27.9		—			27.9											
1230	—		—			—											
1300	—		53.8			53.8											
1330	56.0		57.9			57.0											
1400	56.7		45.2			~~50.6~~	(51.0)										
1430	46.0		35.5			40.8											
1500	35.3		35.5			35.4											
1530	36.2		37.1			36.7											
1600	37.2		36.5			~~36.9~~	(36.8)										
1630	34.4		35.5			35.0											
1700	34.4		—			34.4											
1730	39.2		38.5			~~38.9~~	(38.8)										
1800	—		—			—											
1830	—		—			—											
1900	—		36.5			36.5											
1930	35.9		35.7			35.8											
2000	—		35.8			35.8											
2030	—		36.1			36.1											
2100	—		38.9			38.9											
2130	—		37.7			37.7											
2200	38.5		40.8			~~39.7~~	(39.6)										
2230	—		40.4			40.4											
2300	38.2		39.5			~~38.9~~	(38.8)										
2330	38.6		38.0			38.3											292.48 + 5 / 0.9756
2400	—		39.9			41.4	(41.8)										
	42.5		43.0														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 19 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

28.49 (87)

321.68

	L1 AH	L2	L3 AL	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		34	0		34.0											
0100	30	9	29	8		30.4											
0130	29.4		—			29.4											
0200	—		48	9		48.9											
0230	47.8		48.4			48.1											
0300	44.6		43.8			~~44.2~~	(44.1)										
0330	42.4		37.8			40.1											
0400	38.0		38.5			38.8											
0430	—		34.5			34.5											
0500	34.3		35.5			34.9											
0530	35.4		33.9			~~34.7~~	(34.6)										
0600	33.7		34	0		~~33.9~~	(33.8)										
0630	33.9		33.0			~~33.5~~	(33.4)										
0700	33.3		35.2			~~34.3~~	(34.2)										
0730	35.4		33.7			34.6											
0800	33.0		—			33.0											
0830	32.8		—			32.8											
0900	31.1		31.8			~~31.5~~	(31.4)										
0930	31.7		—			31.7											
1000	—		—			—											Disturbed trace
1030	—		—			—											
1100	23.5		23.1			23.3											
1130	23.0		23.4			23.2											
1200	23.2		23.3			~~23.3~~	(23.2)										
1230	23.1		23.0			~~23.1~~	(23.0)										
1300	23.3		23.1			23.2											
1330	23.6		23.4			23.5											
1400	23.8		22.9			23.4											
1430	23.4		22.4			22.9											
1500	22.8		23.0			22.9											
1530	22.9		22.9			22.9											
1600	23.8		22.7			~~23.3~~	(23.2)										
1630	23.9		—			23.9											
1700	22.9		22.9			22.8											
1730	23.0		22.8			22.9											
1800	22.9		22.9			22.9											
1830	22.8		23.0			22.9											
1900	23.2		23.0			23.1											
1930	23.1		23.0			~~23.1~~	(23.0)										
2000	22.9		22.9			22.9											
2030	23.4		24.0			23.7											
2100	24.1		23.8			24.0											
2130	24.0		23.6			23.8											
2200	22.9		23.6			22.8	(23.2)										
2230	23.6		23.5			23.6											
2300	23.6		23.5			23.6											
2330	23.4		23.0			23.2											292.48 + 5
2400	23.5		23.3			23.5											0.9756
	23.6		23.5														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 18 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

32.19 (85)
325.47

	AH. L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	36.	0	35.	0		35.5											
0100	35.	6	35.	0		35.3											
0130	34.	2	35	0		34.6											
0200	36.	0	36.	0		36.0											
0230	35.	2	34.	1		~~34.7~~ (34.6)											
0300	34.	2	38.	7		~~35.5~~ (36.4)											
0330	41.	2	41.	2		41.2											
0400	41.	1	40.	8		41.0											
0430	40.	6	40.	2		40.4											
0500	40.	8	39.	5		40.2											
0530	—		38.	0		38.0											
0600	40.	3	40.	4		40.4											
0630	—		41.	3		41.3											
0700	42.	1	42.	2		42.2											
0730	41.	7	43.	5		42.6											
0800	—		—														
0830	—		43.	0		43.0											Power off from 0850-0855
0900	40.	5	—			40.5											
0930	38.	1	37.	4		37.8											
1000	37.	4	36.	0		36.7											
1030	36.	6	36.	5		36.5											
1100	36.	5	36.	9		36.7											
1130	35.	8	—			35.8											
1200	—		28.	1		28.1											
1230	28.	3	25.	5		26.9											
1300	25.	0	25.	5		~~25.3~~ (25.2)											
1330	25.	0	25.	0		25.0											
1400	26.	0	28.	5		~~27.3~~ (27.2)											
1430	25.	5	24.	9		25.2											
1500	24.	7	24.	4		24.6											
1530	25.	0	25.	4		25.2											
1600	27.	0	25.	6		26.3											
1630	25.	8	25.	3		25.6											
1700	25.	1	25.	7		25.4											
1730	25.	4	25.	6		25.5											
1800	26.	1	25.	6		~~25.4~~ (25.8)											
1830	25.	5	25.	2		25.4											
1900	24.	9	25.	5		25.2											
1930	25.	4	26.	8		26.1											
2000	27.	7	—			27.7											
2030	—		—			—											
2100	—		28.	0		28.0											
2130	27.	5	26.	1		26.8											
2200	27.	2	30.	0		28.6											
2230	28.	5	29.	1		28.8											
2300	29.	4	28.	9		29.2											
2330	—		26.	5		26.5											292.48 + 0
2400	26.	9	27.	2		27.6											0.9956
HN	8.	5.	27.	5													

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 17 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

34.69 (.78)
328.04

	A.H L1	A.H L2	A.L L3	A.L L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	28.5		28.4			~~28.5~~	(28.4)										
0100	27.5		28.8			28.2											
0130	26.9		28.6			27.8											
0200	26.8		28.5			~~27.7~~	√ (27.6)										
0230	27.9		29.0			~~28.5~~	(28.4)										
0300	29.5		30.3			29.9											
0330	31.6		30.8			30.9											
0400	30.1		29.2			~~29.7~~	(29.6)										
0430	28.6		28.8			28.7											
0500	29.3		27.7			28.5											
0530	28.9		31.5			30.2											
0600	31.9		35.3			33.6											
0630	35.2		35.0			35.1											
0700	34.8		31.0			32.9											
0730	—		35.0			35.0											
0800	36.3		35.8			~~36.1~~	(36.0)										
0830	—		—			—											
0900	35.4		36.9			36.2											
0930	34.0		34.0			34.0											
1000	32.8		31.9			32.4											
1030	32.8		33.2			33.0											
1100	—		31.6			31.6											
1130	30.3		29.5			29.9											
1200	29.8		34.2			32.0											
1230	35.0		—			35.0											
1300	—		47.3			47.3											
1330	47.0		48.2			47.6											
1400	—		—			—											
1430	—		31.4			31.4											
1500	31.4		33.2			32.3											
1530	33.9		—			33.9											
1600	—		—			—											
1630	—		—			—											
1700	—		—			—											
1730	40.0		39.0			39.5											
1800	38.5		41.4			40.0											
1830	42.4		41.9			~~41.1~~	(41.2)										
1900	—		47.5			47.5											
1930	47.0		48.4			47.7											
2000	49.8		47.3			49.6											
2030	—		—			—											
2100	37.1		35.0			36.1											
2130	36.1		35.8			36.0											
2200	—		31.8			31.8											
2230	—		35.5			35.5											
2300	35.9		36.0			36.0											
2330	36.0		35.9			36.0											292.48 + 0
2400	34.9		34.3			~~35.1~~	(35.3)										0.9756
	35.7		36.5														

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 16 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

22.98 (97)
316.03

	AH. L1	1/2	AL 1/3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	22.0		20.3			~~21.9~~	(21.6)										
0100	20.5		20.4			20.5	(20.4)										
0130	20.8		21.1			21.0											
0200	21.1		21.6			21.4											
0230	21.5		21.3			21.4											
0300	21.6		21.3			~~21.5~~	(21.4)										
0330	21.5		21.3			21.4											
0400	21.6		21.4			21.5											
0430	21.5		21.2			21.4											
0500	21.6		21.4			21.5											
0530	22.8		21.7			~~22.3~~	(22.2)										
0600	21.2		21.3			~~21.3~~	(21.2)										
0630	21.2		21.7			~~21.5~~	(21.4)										
0700	22.4		22.4			22.4											
0730	22.7		—			22.7											
0800	23.7		22.7			23.2											
0830	20.9		21.4			21.2											
0900	21.0		21.1			~~20.6~~	(21.0)										
0930	21.6		22.3			22.0											
1000	22.4		23.6			23.0											
1030	24.0		24.4			24.2											
1100	23.9		22.9			23.4											
1130	23.4		22.5			23.0											
1200	22.8		22.1			~~22.5~~	(22.4)										
1230	22.8		23.0			22.9											
1300	22.8		23.0			23.0											
1330	22.9		23.0			23.0											
1400	23.1		22.7			22.9											
1430	22.7		22.6			~~22.7~~	(22.6)										
1500	22.6		22.4			22.5											
1530	22.5		22.0			~~22.3~~	(22.2)										
1600	21.9		22.6			~~22.3~~	(22.2)										
1630	23.0		23.1			23.1	(23.0)										
1700	22.5		22.8			~~22.7~~	(22.6)										
1730	22.7		23.2			23.0											
1800	23.5		24.0			23.8											
1830	23.5		23.1			23.3											
1900	22.8		23.8			23.3											
1930	24.1		25.1			24.6											
2000	24.8		23.1			24.0											
2030	22.1		22.0			~~22.1~~	(22.0)										
2100	22.8		23.1			23.0											
2130	24.6		26.4			25.5											
2200	26.9		27.0			27.0											
2230	27.1		27.4			~~27.3~~	(27.2)										
2300	28.0		27.4			~~27.7~~	(22.6)										
2330	28.1		27.9			27.9											292.48 + 0
2400	28.1		28.0			~~28.1~~	(28.0)										0.9756

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 15 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

20.81 (97)
313.81

	AH L1	L2	AL. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	21.0		21.5			21.8											
0100	21.4		21.2			21.3											
0130	21.5		21.4			~~21.5~~	(21.4)										
0200	21.4		21.3			21.4											
0230	21.1		21.2			21.2											
0300	21.3		21.0			21.2											
0330	20.8		20.5			~~20.7~~	(20.6)										
0400	20.7		20.8			20.8											
0430	20.9		20.7			20.8											
0500	20.9		20.7			20.8											
0530	20.8		21.0			20.9											
0600	20.9		21.0			21.0											
0630	21.0		20.8			20.9											
0700	20.7		20.7			20.7											
0730	20.6		20.5			20.6											
0800	20.7		21.0			~~20.9~~	(20.8)										
0830	20.9		21.0			21.0											
0900	21.0		20.9			21.0											
0930	20.2		20.6			20.4											
1000	20.4		20.7			20.6											
1030	20.4		20.7			20.6											
1100	20.6		20.6			20.6											
1130	20.5		20.7			20.6											
1200	20.8		21.0			20.9											
1230	20.9		20.9			20.9											
1300	20.9		20.8			~~20.9~~	(20.8)										
1330	20.7		20.7			20.7											
1400	20.4		20.4			20.4											
1430	20.6		20.6			20.6											
1500	20.6		20.6			20.6											
1530	20.9		20.8			~~20.9~~	(20.8)										
1600	20.6		20.5			20.6											
1630	20.5		20.5			20.5											
1700	20.5		20.0			~~20.3~~	(20.2)										
1730	20.5		20.4			~~20.5~~	(20.4)										
1800	20.3		20.1			20.2											
1830	20.0		20.0			20.0	✓										
1900	20.0		20.0			20.0	✓										
1930	20.2		20.1			20.2											
2000	20.2		20.2			20.2											
2030	20.0		20.0			20.0	✓										
2100	22.0		22.5			~~22.3~~	(22.2)										
2130	22.6		22.5			~~22.5~~	(22.6)										
2200	23.6		21.9			22.8											
2230	22.0		20.8			~~21.9~~	(21.4)										
2300	—		20.2			20.2											
2330	20.1		20.0			~~20.1~~	(20.0) ✓										292.48 + 0
2400	21.0		21.1			21.0	(20.9)										0.9756
	20.6		21.0														

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 14 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 27 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

22.94 (40)
315.99

	~~L1~~ AH	~~L2~~	~~L3~~ A.L.	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	Ref gas and chart turned off
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	Electricity off
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	chart turned on 1415
1430	28.6		28.0			28.3											
1500	27.4		28.3			~~27.9~~ (27.8)											not enough data for minimum
1530	28.4		23.6			26.0											
1600	23.5		23.0			~~23.3~~ (23.2)											
1630	23.0		22.7			~~22.9~~ (22.8)											
1700	22.5		22.4			~~22.5~~ (22.4)											
1730	23.0		22.6			22.8											
1800	22.8		22.6			22.7											
1830	22.9		22.5			22.7											
1900	22.8		22.5			~~22.7~~ (22.6)											
1930	22.4		22.4			22.4											
2000	22.4		22.1			~~22.3~~ (22.2)											
2030	22.0		22.0			22.0											
2100	21.8		21.3			21.6											
2130	21.4		21.2			21.3											
2200	21.4		21.4			21.4											
2230	21.5		21.4			~~21.5~~ (21.4)											
2300	21.7		21.6			~~21.9~~ (21.6)											
2330	21.6		21.6			21.6											292.48 + 5
2400	22.0		22.0			22.0											6.9746
	22.0		22.0														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 13 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

28.41 (55)
32.60

	L1 AH	L2	L3 AC	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	29.7		30.0			29.9	(29.8)										
0100	30.9		35.0			33.0											
0130	35.4		—			35.4											
0200	—		42.2			42.2											
0230	41.1		37.8			39.5	(39.4)										
0300	36.1		34.0			35.1	(35.0)										
0330	—		30.5			30.5											
0400	31.8		30.7			31.3	(31.2)										
0430	30.0		29.5			29.8											
0500	29.4		31.7			30.6											
0530	30.7		28.6			29.7	(29.6)										
0600	28.9		—			28.9	(28.9)										
0630	32.6		35.8			34.1	(34.2)										
0700	32.4		—			32.4											
0730	—		41.7			41.7											
0800	40.2		—			40.2											
0830	—		—			—											
0900	28.5		27.5			28.0											
0930	26.2		26.4			26.3											
1000	26.0		25.9			26.0											
1030	25.6		25.9			25.8											
1100	25.5		25.3			25.4											
1130	25.7		25.6			25.7	(25.6)										
1200	27.0		27.1			27.1	(27.0)										
1230	27.6		28.1			27.9	(27.8)										
1300	28.6		28.0			28.3											
1330	29.1		30.6			29.9	(29.8)										
1400	30.9		25.5			28.2											
1430	25.6		26.4			26.0											
1500	26.3		—			26.3											
1530	25.0		23.8			24.4											
1600	23.6		23.5			23.6											
1630	23.4		—			23.4	✓										
1700	~~[illegible]~~6		~~[illegible]~~			—											Ref gas and chart turned off at 1650
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	✓ 292.48 ± 0 / 0.975
2400																	

HN

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 12 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 _____ From Ref tank test of _____

Tank Press. _____ psi Obs. _____

31.21 (83)
324.47

	AH L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	32.	9	30.	6		31.8											
0100	31.	4	30.	9		31.2											
0130	31.	2	30.	3		30.8											
0200	29.	5	30.	5		30.0											
0230	30.	4	30.	6		30.5											
0300	30.	9	30.	8		30.9	(30.8)										
0330	30.	5	31.	3		30.9											
0400	30.	8	31.	8		31.3											
0430	31.	1	31.	6		31.4											
0500	30.	6	—			30.6											
0530	30.	5	30.	6		30.6											
0600	31.	3	32.	0		31.7	(31.6)										
0630	32.	7	33.	3		33.0											
0700	33.	6	38.	0		35.8											
0730	35.	5	34.	6		35.1	(35.0)										
0800	—		—			—											
0830	32.	5	32.	8		32.7	(32.6)										
0900	31.	7	30.	0		30.9	(30.8)										
0930	29.	0	28.	8		28.9											
1000	—		—			—											Ref GAS check by Lee W
1030	29.	8	30.	4		30.2											
1100	30.	5	31.	6		31.1	(31.0)										
1130	31.	9	31.	1		31.5											
1200	32.	1	31.	5		31.8											
1230	32.	0	32.	9		32.5	(32.4)										
1300	32.	4	31.	8		32.2	(32.1)										
1330	32.	1	31.	5		31.8											
1400	29.	5	29.	4		29.5	(29.4)										
1430	29.	0	28.	8		28.9											
1500	28.	4	28.	8		28.6	✓										
1530	28.	6	28.	6		28.6	✓										
1600	—		—			—											
1630	30.	5	29.	7		30.1											
1700	30.	9	33.	9		32.4											
1730	—		—			—											
1800	—		29.	5		29.5											
1830	31.	8	31.	5		31.7	(31.6)										
1900	31.	0	34.	5		32.8											
1930	33.	5	29.	0		31.3	(31.2)										
2000	—		—			—											
2030	32.	8	30.	5		31.7	(31.6)										
2100	30.	0	30.	0		30.0											
2130	30.	3	—			30.3											
2200	35.	5	33.	8		34.7	(34.6)										
2230	33.	4	34.	0		33.7											
2300	33.	9	29.	5		31.7											
2330	—		29.	9		29.9											292.48 + 0
2400	29.	0	—			28.9	(28.8)										0.986
	28.	7	28.	6													

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 11 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

35.76 (62)
329.13

	AH. L1	~~L2~~	AL. L3	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	36.8		—			36.8											
0100	—		35.0			35.0											
0130	35.0		34.8			34.9											
0200	34.8		35.0			34.9											
0230	35.6		35.6			35.6											
0300	35.4		35.8			35.6											
0330	35.3		35.7			35.5											
0400	35.6		35.9			35.8											
0430	35.8		37.1			~~31.5~~ (36.4)											
0500	36.4		33.5			35.0											
0530	39.0		37.4			38.2											
0600	37.9		—			37.9											
0630	45.7		41.4			43.6											
0700	—		45.5			45.5											
0730	46.2		—			46.2											
0800	41.9		—			41.9											
0830	37.7		—			37.7											
0900	—		41.0			41.0											
0930	40.0		—			40.0											
1000	—		—			—											Ref gas apparently not
1030	—		—			—											flowing
1100	—		—			—											
1130	—		—			—											
1200	—		—			—											
1230	—		—			—											
1300	—		—			—											
1330	—		—			—											
1400	—		—			—											
1430	—		—			—											
1500	—		—			—											
1530	—		—			—											
1600	—		—			—											
1630	32.0		32.0			32.0											
1700	—		29.3			29.3											
1730	27.8		28.0			27.9											
1800	27.6		27.7			27.7 ✓ (27.6)											
1830	28.9		31.7			30.3											
1900	32.0		32.6			32.3											
1930	32.2		33.0			32.6											
2000	32.0		32.5			~~32.3~~ (32.2)											
2030	32.5		33.4			33.0											
2100	34.7		37.4			~~36.1~~ (36.0)											
2130	40.0		37.6			38.8											
2200	37.8		36.2			37.0											
2230	35.0		34.0			34.5											
2300	34.6		34.9			34.8											
2330	34.5		32.6			33.6											292.48 + 0
2400	32.8		32.2			32.3											0.9756
	31.6		32.5														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 10 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

29.29 (69)
322.50

	AH. L1	L2	AL. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	30.8		30.3			30.6											
0100	31.0		32.0			31.5											
0130	33.4		35.0			34.2											
0200	—		33.0			33.0											
0230	34.2		34.4			34.3											
0300	33.1		30.8			32.0											
0330	29.7		28.8			29.1	(29.0)										
0400	28.4		29.0			28.7											
0430	27.3		26.6			27.0											
0500	26.4		25.5			26.0											
0530	25.9		24.7			25.3											
0600	24.6		23.4			24.0											
0630	23.0		23.0			23.0	✓										
0700	22.1		23.5			23.8	(22.8)										
0730	24.3		24.9			24.6											
0800	—		—			—											
0830	—		—			—											
0900	—		24.5			24.5											
0930	—		—			—											Disturbed trace ↓
1000	—		31.2			31.2											
1030	30.4		30.2			30.3											
1100	—		35.4			35.4											
1130	—		30.5			30.5											
1200	29.0		25.9			27.5	(22.4)										Disturbed trace
1230	25.2		25.0			25.1											
1300	24.5		—			24.5											
1330	24.5		24.6			24.6											
1400	—		—			—											Disturbed trace
1430	24.5		24.4			24.5	(24.4)										Power off approx. 1430 to 1600
1500	—		—			—											
1530	—		—			—											
1600	—		—			—											
1630	—		24.5			24.5											
1700	23.8		—			23.8											
1730	27.0		27.1			27.1	(27.0)										
1800	27.1		27.4			27.3	(27.2)										
1830	26.9		28.4			27.7	(27.6)										
1900	—		—			—											
1930	—		29.4			29.4											
2000	27.7		29.9			27.8											
2030	—		33.9			33.9											
2100	35.2		34.4			34.8											
2130	35.4		—			35.4											
2200	32.0		38.5			35.5	(35.2)										
2230	37.4		34.2			35.8											
2300	35.3		33.6			34.5	(34.4)										
2330	35.0		34.4			34.7											292.48 + 00.
2400	34.9		33.0			34.0											0.9256

HN

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 9 NOV. 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 _____ From Ref tank test of _____

Tank Press. _____ psi Obs. _____

28.16 (7.8)
321.34

	L1 AH	L2	L3 AL	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	31.	6	31.	1		31.4											
0100	31.	4	29.	4		~~30.8~~	(30.4)										
0130	30.	1	26.	8		~~28.5~~	(28.4)										
0200	26.	4	28.	0		27.2											
0230	28.	0	28.	4		28.2											
0300	28.	1	26.	5		27.3											
0330	27.	0	25.	0		26.0											
0400	25.	4	24.	0		24.7											
0430	27.	9	24.	4		24.2											
0500	24.	6	25.	0		24.8											
0530	24.	4	23.	5		24.0											
0600	23.	5	25.	0		~~24.3~~	(24.2)										
0630	24.	9	24.	5		24.7											
0700	23.	5	23.	5		23.5											
0730	24.	2	27.	7		26.0											
0800	25.	0	—			25.0											
0830	—		28.	4		28.4											
0900	30.	1	30.	9		30.5											
0930	31.	1	31.	6		31.4											
1000	30.	2	29.	5		29.8											
1030	29.	0	30.	0		29.5											
1100	29.	3	28.	4		~~28.9~~	(28.8)										
1130	27.	8	27.	5		27.7											
1200	27.	2	26.	4		26.8											
1230	26.	5	—			26.5											
1300	—		25.	8		25.8											
1330	25.	0	—			25.0											
1400	22.	5	22.	6		22.6	✓										
1430	23.	5	24.	4		24.0											
1500	24.	5	24.	9		24.7											
1530	25.	5	—			25.5											
1600	—		—			—											
1630	—		—			—											
1700	32.	6	—			32.6											
1730	—		—			—											
1800	~~32.5~~		32.	2		32.4											
1830	—		32.	0		32.0											
1900	30.	8	31.	7		~~32.3~~	(31.2)										
1930	34.	5	31.	2		~~32.9~~	(32.8)										
2000	36.	1	28.	4		~~29.8~~											
2030	28.	3	27.	4		~~28.9~~	(27.8)										
2100	26.	5	—			26.5											
2130	—		31.	8		31.8											
2200	31.	5	36.	3		33.9											
2230	37.	1	—			37.1											
2300	—		—			—											
2330	—		32.	9		32.9											292.48 + 5
2400	30.	9	34.	4		32.4											0.9756
	33.	4	30.	8													

CARBON DIO[illegible]E DATA STATION S10 P1[illegible] Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 8 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

27.66 (88)

320.83

	A.H L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	25	9	26	3		26.1											
0100	26	7	26	5		26.6											
0130	26	4	26	1		~~26.3~~	(26.2)										
0200	24	9	25	0		25.0											
0230	25	0	25	5		~~25.3~~	(25.2)										
0300	24	8	24	7		24.8											
0330	25	6	25	5		25.6											
0400	24	9	25	8		25.4											
0430	26	1	26	4		~~26.3~~	(26.2)										
0500	24	6	24	8		24.7											
0530	24	5	25	3		24.9											
0600	24	9	23	5		24.2											
0630	23	1	23	7		23.4											
0700	22	6	23	5		~~23.1~~	(23.0)										
0730	23	8	22	5		23.2											
0800	24	6	25	0		24.8											
0830	23	2	—			23.2											
0900	—		—			—											
0930	—		29	5		29.5											
1000	29	9	30	0		30.0											
1030	28	8	28	5		~~28.9~~	(28.6)										
1100	28	2	26	5		27.4											
1130	26	6	—			26.6											
1200	—		29	1		29.1											
1230	28	5	25	8		27.2											
1300	25	7	27	0		26.4											
1330	26	6	27	2		26.9											
1400	26	9	26	4		~~26.7~~	(26.6)										
1430	26	5	26	4		~~26.5~~	(26.4)										
1500	27	6	25	4		26.5											
1530	26	8	28	3		27.2											
1600	30	2	33	0		31.6											
1630	34	1	30	5		32.3											
1700	30	7	—			30.7											
1730	—		30	6		30.6											
1800	30	8	28	6		29.7											
1830	28	6	28	6		28.6											
1900	28	8	28	3		28.6											
1930	28	8	29	4		29.1											
2000	29	9	29	5		29.7											
2030	29	6	31	1		30.4											
2100	32	0	30	1		~~31.1~~	(31.0)										
2130	30	9	30	5		30.7											
2200	31	8	31	4		31.6											
2230	31	5	30	8		31.2											
2300	31	0	30	7		~~30.9~~	(30.8)										
2330	31	4	30	8		31.1											292.48 + 0
2400	31	1	31	9		31.5											0.9956

HN

CARBON DIOXIDE DATA STATION SIOPER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 7 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

24.96 (93)
318.06

	~~L1~~ AH.	~~L2~~	~~L3~~ A.L.	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	26	9	25	8		26.4											
0100	26	2	27	0		26.6											
0130	26	8	25	8		26.3											
0200	25	8	23	8		24.8											
0230	24	7	25	0		~~24.9~~	(24.8)										
0300	25	6	24	2		24.9											
0330	24	0	23	5		23.8											
0400	23	6	23	6		23.6											
0430	23	1	21	3		22.2											
0500	21	9	22	3		22.1	✓										
0530	22	5	—			22.5											
0600	—		24	8		24.8											
0630	—		23	4		23.4											
0700	22	5	24	4		~~23.5~~	(23.4)										
0730	24	0	27	7		~~25.9~~	(25.8)										
0800	27	5	28	5		28.0											
0830	27	2	29	2		28.2											
0900	27	9	24	9		26.4											
0930	25	4	24	2		24.8											
1000	26	7	27	1		26.9											
1030	25	4	24	4		24.9											
1100	24	8	25	0		24.9											
1130	24	8	25	4		25.1											
1200	25	1	24	5		24.8											
1230	24	9	29	5		~~26.4~~	(27.1)										
1300	23	2	22	9		~~23.1~~	(23.0)										
1330	22	4	22	0		22.2											
1400	21	9	22	5		22.2	✓										
1430	22	5	23	3		22.9											
1500	23	4	23	4		23.4											
1530	23	4	—			23.4											
1600	28	7	28	8		28.8											
1630	29	5	25	5		27.5											
1700	24	9	22	8		~~23.9~~	(23.8)										
1730	24	3	24	5		24.4											
1800	24	4	25	0		24.7											
1830	25	8	—			25.8											
1900	23	4	24	5		24.0											
1930	26	4	24	5		~~25.5~~	(25.4)										
2000	24	7	—			24.7											
2030	30	2	26	5		28.4											
2100	25	9	25	2		25.6											
2130	24	8	23	9		24.4											
2200	22	1	23	2		~~22.9~~	(22.6)										
2230	25	6	—			25.6											
2300	26	0	25	8		25.9											
2330	26	0	26	7		26.4											292.48 ÷ 5
2400	26	3	26	2		26.5											0.9956
	~~26~~ 27.0		26.9														
	27.0		26.4														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 6 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 23 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

27.66 (81)
317.76

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	23.6		23.1			23.4											
0100	23.4		26.2			24.3											
0130	24.9		22.9			23.9											
0200	24.0		23.3			~~23.7~~	(23.6)										
0230	—		22.5			22.5											
0300	23.0		23.5			~~23.3~~	(23.2)										
0330	23.6		22.8			23.2											
0400	22.8		21.4			22.1											
0430	21.5		23.9			22.7											
0500	24.5		23.8			24.2											
0530	24.7		25.3			25.0											
0600	25.4		23.9			~~24.9~~	(24.6)										
0630	23.6		22.8			23.2											
0700	23.6		22.5			~~23.1~~	(23.0)										
0730	22.5		23.7			23.1											
0800	—		—			—											
0830	—		—			—											
0900	21.4		21.9			~~21.7~~	(21.6)										
0930	23.0		—			23.0											
1000	—		34.5			34.5											
1030	—		—			—											
1100	—		—			—											
1130	23.6		24.5			~~24.1~~	(24.0)										
1200	—		22.9			22.9											
1230	—		—			—											
1300	27.9		22.8			23.4											
1330	21.9		22.9			22.4											
1400	~~21.3~~		—			~~21.3~~	Throw out										
1430	21.6		22.3			22.0											
1500	21.5		22.6			~~22.1~~	(22.0)										
1530	21.5		22.1			~~21.8~~											
1600	21.9		22.5			22.2											
1630	23.5		23.8			~~23.7~~	(23.6)										
1700	23.9		27.2			25.6											
1730	—		31.0			31.0											
1800	29.0		29.1			~~29.1~~	(29.0)										
1830	—		27.9			27.9											
1900	26.7		24.0			25.4											
1930	22.9		23.5			23.2											
2000	25.0		22.4			23.7											
2030	22.5		22.4			~~22.5~~	(22.4)										
2100	22.5		22.5			22.5											
2130	—		28.9			28.9											
2200	28.5		26.0			~~27.3~~	(27.2)										
2230	26.5		25.9			26.2											
2300	26.4		28.5			~~29.5~~	(27.4)										
2330	28.9		32.7			30.8											293.48 ÷ 5
2400	33.0		26.4			~~28.6~~	(29.0)										0.9296
			27.5														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 5 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 _____ From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-0.28 (22)
22.94 (28)

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-4.2		-4.0			-4.1											No Min not enough data
0100	-3.4		-3.9			-3.7	(-3.6)										
0130	-4.0		-4.4			-4.2											320.22 (1)
0200	-2.5		-2.6			-2.6											
0230	-2.7		-3.0			-2.6	(-2.8)										
0300	—		-3.0			-3.0											316.92 (1)
0330	—		0.0			0.0											
0400	—		.6			.6											
0430	1.6		1.4			1.5											318.41
0500	3.2		2.6			2.9											
0530	2.3		3.5			2.9											
0600	4.0		4.4			4.2											
0630	4.5		—			4.5											
0700	—		—			—											
0730	—		—			—											
0800	—		—			—											
0830																	REF gas check
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700	20.5		26.5			23.5											Change tanks 23
1730	25.0		25.5			25.3	(25.2)										
1800	23.3		23.5			23.4											
1830	24.2		25.4			24.8											
1900	—		21.0			21.0											
1930	22.0		20.7			21.4											
2000	21.0		20.6			20.8											
2030	20.9		20.9			20.9											
2100	21.4		24.8			23.1											
2130	24.3		22.4			23.4											
2200	22.4		24.1			23.3	(23.2)										
2230	—		22.4			22.4											72 $320.51 + \frac{0}{0.9989}$
2300	22.4		23.9			23.2											
2330	23.5		23.9			23.7											23 $292.48 + \frac{0}{0.9956}$
2400	24.4		23.6			24.0											

HN

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 4 NOV 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-2.83 (93)
317.62

	L1 AH.	L2	L3 AL.	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	.8		1.0			0.9											
0100	.1		.3			0.2											
0130	.1		1.1			0.6											
0200	1.1		3.0			~~2.1~~	(+2.0)										
0230	4.8		4.6			4.7											
0300	4.1		4.1			4.1											
0330	4.6		3.4			4.0											
0400	3.0		1.4			2.2											
0430	.5		0.0			~~0.3~~	(+0.2)										
0500	-.6		-.8			-.7											
0530	-.8		-.9			~~-.9~~	(-0.8)										
0600	-.9		-1.0			-1.0											
0630	-.4		-.4			-.4											
0700	.3		1.1			.7											
0730	.2		-.5			-.2											
0800	-.0		.3			-.4											
0830	1.0		—			1.0											
0900	—		—														
0930	-.1		-4.2			-2.2											
1000	-4.2		-2.4			-3.3											
1030	-1.4		-2.4			-1.9											
1100	-5.6		-5.1			-5.4											
1130	-6.4		-6.0			-6.2											
1200	-5.5		-5.6			-5.6											
1230	-5.5		-5.9			-5.7											
1300	-5.0		-5.6			-5.3											
1330	-5.9		-5.5			-5.7											
1400	-6.0		-6.7			-6.4	✓										
1430	-6.4		-5.4			-5.9											
1500	-5.6		-6.0			-5.8	Hmmm										
1530	~~-5.6~~		~~-5.9~~			~~-5.8~~	✓ ~~5.6~~										
1600	-5.9		-6.6			~~-6.3~~	(-6.2)										
1630	-6.0		-5.9			-6.0											
1700	-6.1		-6.1			-6.1											
1730	-6.0		-6.5			~~-6.3~~	(-6.2)										
1800	-6.1		-6.6			-6.4	✓										
1830	-6.5		-6.3			-6.4											
1900	-6.5		-6.1			-6.3											
1930	-6.6		-5.9			~~-6.3~~	(-6.2)										
2000	-5.9		-5.0			-5.4											
2030	-5.0		-4.4			-4.7											
2100	-4.0		-4.0			-4.0											
2130	-4.3		-3.8			~~-4.1~~	(-4.0)										
2200	-4.1		-4.5			-4.3											
2230	-4.5		-3.5			-4.0											
2300	-3.5		-3.9			-3.7											
2330	-3.4		-1.1			~~-2.3~~	(-2.2)										320.51 + 0
2400	-2.9		-4.0			-4.0											0.9989
	HN 4.5		-4.6														

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 3 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-2.69 (9+)
317.76

	~~L1~~ A.H.	~~L2~~	~~L3~~ A.L.	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	7	6	4.	1		~~3.9~~	(3.8)										
0100	2	4	0.	0		~~2.4~~	(1.2)										
0130	-.	1	2.	1		1.0											
0200	—		2.	0		~~1.0~~	(2.0)										
0230	1.	7	4.	1		2.9											
0300	—		1.	2		1.2											
0330	.8		.7			.8											
0400	—		0.	0		0.0											
0430	1.	2	1.	0		1.1											
0500	1.	5	2.	0		1.8											
0530	1.	8	2.	6		2.2											
0600	2.	0	3.	1		2.6											
0630	3.	5	3.	8		~~3.7~~	(3.6)										
0700	2.	6	2.	5		2.6											
0730	2.	7	1.	9		2.3											
0800	—		-2.	6		-2.6											
0830	-3.	0	-2.	4		-2.7											
0900	-2.	5	-1.	6		~~-2.2~~	(-2.0)										
0930	-2.	4	-6.	4		-4.4											
1000	-6.	4	-6.	1		~~-6.3~~	(-6.2)										
1030	-6.	3	-6.	2		~~-6.3~~	(-6.2)										
1100	-5.	9	-6.	1		-6.0											
1130	-6.	0	-6.	0		-6.0											
1200	-5.	7	-5.	6		-5.7	(-5.6)										
1230	-5.	4	-5.	7		-5.6											
1300	-5.	5	-5.	8		~~-5.7~~	(-5.6)										
1330	-5.	8	-5.	5		~~-5.7~~	(-5.6)										
1400	-5.	6	-5.	7		~~-5.7~~	(-5.6)										
1430	-5.	5	-5.	5		-5.5											
1500	-5.	5	-5.	8		~~-5.7~~	(-5.6)										
1530	-5.	7	-5.	9		-5.8											
1600	-6.	0	-6.	0		-6.0											
1630	-5.	5	-6.	0		-5.8											
1700	-6.	3	-6.	0		-6.2											
1730	-6.	3	-6.	0		-6.2											
1800	-6.	1	-6.	2		-6.2											
1830	-6.	2	-6.	0		-6.1											
1900	-6.	0	-6.	0		-6.0											
1930	-6.	0	-6.	0		-6.0											
2000	-6.	2	-6.	0		-6.1											
2030	-5.	9	-5.	8		~~-5.9~~	(-5.8)										
2100	-6.	2	-5.	9		~~-6.1~~	(-6.0)										
2130	-6.	3	-2.	6		~~-4.5~~	(-4.4)										
2200	-6.	8	-1.	5		-4.2											
2230	—		-1.	4		-1.4											
2300	-.	7	-1.	0		~~-.9~~	(0.8)										
2330	-.	3	1.	5		.6											320.51 + 0
2400	1.	6	1.	0		1.3											0.9789

HN

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 2 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-2.02 (92)
318.45

	AH L1	L2	L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-1.4		-2.	0		-1.7											
0100	-3.4		-2.	7		~~-3.1~~	(-3.0)										
0130	-3.0		-3.	2		-3.1											
0200	-3.0		-3.	6		-3.3											
0230	-3.4		-1.	1		~~-2.3~~	(-2.2)										
0300	-2.0		-2.	6		-2.3											
0330	-4.6		-1.	9		~~-3.3~~	(-3.2)										
0400	+.4		.	2		.3											
0430	-.6		+1.	0		.2											
0500	-.4		-.	8		-.6											
0530	-.3		-.	8		-.6											
0600	+.8		2.	5		~~1.7~~	(+1.6)										
0630	3.1		6.	7		4.9											
0700	4.7		3.	2		4.0											
0730	1.9		1.	5		1.7											
0800	1.4		—			1.4											
0830	-3.2		-3.	6		-3.4											
0900	-4.8		-3.	5		-4.2											Disturbed trace ↓
0930	-4.9		-4.	1		-4.5											
1000	-6.5		-6.	3		-6.4											
1030	-6.5		-6.	4		~~-6.5~~	(-6.4)										
1100	-6.4		-6.	1		~~-6.3~~	(-6.2)										
1130	-6.5		-6.	3		-6.4											
1200	-6.5		-6.	5		-6.5											
1230	-6.0		-6.	4		-6.2											
1300	-6.5		-6.	2		-6.4											
1330	-6.2		-6.	4		-6.3											
1400	-6.6		-6.	4		-6.5											
1430	-6.8		-6.	6		-6.7											
1500	-7.0		-6.	1		-6.6											
1530	-6.5		-7.	0		-6.8											
1600	-6.5		-6.	6		-6.6											
1630	-6.8		-6.	4		-6.6											
1700	-6.9		-6.	4		~~-6.7~~	(-6.6)										
1730	-6.6		-6.	6		-6.6											
1800	-6.5		-2.	9		-4.7											
1830	-4.5		-2.	9		~~-4.7~~	(-3.7)										
1900	-3.2		-2.	7		-3.0											
1930	-2.1		-2.	4		~~-2.7~~	(-2.2)										
2000	-2.5		-1.	6		~~-2.2~~	(-2.0)										
2030	-2.8		-1.	4		-2.1											
2100	-2.6		0.	0		~~-2.6~~	(-1.3)										
2130	-.8		—			-.8											
2200	—		12.	4		12.4											
2230	13.0		—			13.0											
2300	8.9		7.	8		8.4											
2330	5.1		—			5.1											320.51 ± 0
2400	5.9		—			~~6.0~~	(5.9)										0.9789
	8.4		5.5														

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 1 NOV. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-4.93 (96)
315.47

	A4 L1	A4 L2	AL L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-5.	0	-5.	0		-5.0											
0100	-5.	7	-5.	5		-5.6											
0130	-5.	3	-5.	5		-5.4											
0200	-5.	2	-5.	2		-5.2											
0230	-5.	1	-5.	0		~~-5.1~~	(-5.0)										
0300	-5.	0	-4.	7		~~-4.9~~	(-4.8)										
0330	-4.	6	-4.	7		~~-4.7~~	(-4.6)										
0400	-4.	7	-5.	0		-4.9	(-4.8)										
0430	-4.	5	-4.	5		-4.5											
0500	-4.	5	-4.	9		-4.7											
0530	-5.	0	-5.	2		-5.1											
0600	-2.	9	-5.	7		-4.3											
0630	~~-5.~~	0	-5.	5		~~-5.3~~	(-5.2)										
0700	-3.	8	-3.	0		-3.4											
0730	-4.	0	-2.	6		-3.3											
0800	-4.	1	-3.	5		-3.8											
0830	-4.	3	-4.	9		-4.6											
0900	-4.	9	-4.	5		-4.7											
0930	-4.	8	-4.	4		-4.6											
1000	-4.	6	-4.	9		-4.8											
1030	-4.	9	-4.	9		-4.9											
1100	-5.	2	-5.	1		-5.2											
1130	-5.	5	-5.	3		-5.4											
1200	-5.	8	-5.	8		-5.8											
1230	-5.	9	~~-5.~~	8		-5.7	5.4										
1300	-5.	9	-5.	8		~~-5.9~~	-(5.8)										
1330	-6.	0	-5.	5		-5.8											
1400	-5.	7	-5.	5		-5.6											
1430	-6.	0	-5.	8		-5.9											
1500	-6.	6	-6.	0		-6.3											
1530	-6.	4	-6.	4		-6.4											
1600	-6.	5	-6.	5		-6.5	✓										
1630	-5.	8	-6.	1		-6.0											
1700	-6.	4	-6.	5		~~-6.5~~	✗ (-6.4)										
1730	-6.	0	-5.	8		-5.9											
1800	-6.	0	-5.	2		-5.6											
1830	-5.	6	-5.	5		-5.6											
1900	-4.	0	—			-4.0											
1930	-1.	5	—			-1.5											
2000	—		-2.	9		-2.9											
2030	-3.	7	-3.	9		-3.8											
2100	-4.	1	-4.	4		~~-4.3~~	(-4.2)										
2130	-4.	4	-3.	4		~~-3.9~~	(-3.9)										
2200	-4.	4	-5.	4		-4.9											
2230	-5.	3	-4.	7		-5.0											
2300	-4.	9	-3.	9		-4.4											
2330	-4.	4	-5.	0		-4.7											320.51 + 0
2400	-5.	1	-5.	0		~~-5.1~~	-4.8										0.9789
	~~-4.~~	1	-4.	8													

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 31 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-4.03 (9P)
316.39

	AH L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	0.	0	-2.	2		~~-2.2~~	(-1.1)										
0100	-2.	6	-2.	6		-2.6											
0130	-2.	4	-2.	5		~~-2.5~~	(-2.4)										
0200	-2.	5	-2.	4		~~-2.5~~	(-2.4)										
0230	-1.	6	-1.	5		-1.6											
0300	-1.	5	-.	3		-.9											
0330	+.	1	0.	0		~~-.1~~	(0.0)										
0400	-.	1	-.	6		-.4											
0430	-.	5	-.	5		-.5											
0500	-.	4	-.	3		-.4											
0530	-.	5	-.	8		~~-.7~~	(-0.6)										
0600	-.	1	-.	6		-.9	(-0.8)										
0630	-.	9	-1.	4		-1.2											
0700	-1.	6	~~-1.3~~			~~-1.5~~	-1.3 (-1.4)										
0730	-1.	5	-1.	2		-1.4											
0800	-1.	5	-2.	1		-1.8											
0830	-3.	1	—			-3.1											
0900	-4.	0	-4.	2		-4.1											
0930	-5.	3	-5.	0		-5.2											
1000	-5.	5	-5.	0		~~-5.3~~	(-5.2)										
1030	-6.	0	-4.	5		~~-5.3~~	(-5.2)										Disturbed trace
1100	-5.	9	-6.	0		-6.0											
1130	-6.	3	-5.	8		~~-6.1~~	(-6.0)										
1200	-6.	1	-6.	0		-6.1	(-6.0)										
1230	-6.	0	-5.	6		-5.8											
1300	-6.	5	-6.	1		-6.3											
1330	-6.	5	-6.	7		-6.6											
1400	-6.	4	-6.	5		~~-6.5~~	(-6.4)										
1430	-6.	9	-6.	2		-6.6											
1500	-6.	3	-6.	0		-6.2											
1530	-6.	8	-6.	6		-6.8											
1600	-6.	7	-6.	5		-6.6											
1630	-6.	2	-6.	6		-6.4											
1700	-6.	0	-6.	4		-6.2											
1730	-6.	0	-4.	4		-5.2											
1800	-4.	5	-5.	1		-4.8											
1830	-5.	0	-4.	8		-4.9											
1900	-5.	1	-4.	7		-4.9											
1930	-4.	7	-4.	9		-4.8											
2000	-5.	1	-3.	4		~~-4.3~~	(-4.2)										
2030	-4.	1	-5.	0		-4.6											
2100	-5.	0	-4.	9		~~-4.9~~	(-5.0)										
2130	-4.	6	-4.	5		-4.6											
2200	-5.	5	-5.	7		-5.6											
2230	-5.	5	-5.	5		-5.5											
2300	-5.	4	-5.	2		-5.3											
2330	-4.	9	-5.	1		-5.0											320.51 + 0
2400	-5.	6	-6.	0		~~-5.4~~	(-5.2)										0.9989
	-4.	5	-4.	9													

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 30 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-4.10(95)
3/6.32

	L1 (AH)	L2	L3 (A.L.)	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-5.	0	-5.	0		-5.0											
0100	-5.	1	-5.	0		~~-5.1~~	(-5.0)										
0130	-5.	0	-4.	9		-5.0											
0200	-4.	9	-4.	6		-4.8											
0230	-4.	6	-4.	5		-4.6											
0300	-4.	5	-5.	8		~~-4.9~~	(-5.2)										
0330	-4.	4	-5.	1		-4.8											
0400	-5.	7	-5.	8		-5.8											
0430	-6.	0	-6.	2		-6.1											
0500	-5.	7	-5.	8		-5.8											
0530	-5.	6	-5.	7		~~-5.7~~	(-5.6)										
0600	-5.	9	-6.	2		~~-6.1~~	(-6.0)										
0630	-6.	3	-5.	9		-6.1											
0700	-5.	9	-5.	9		-5.9											
0730	-6.	1	-6.	0		~~-6.1~~	(6.0)										
0800	-5.	6	-6.	3		-6.0											
0830	-5.	8	-6.	0		-5.9											
0900	-6.	5	-6.	0		~~-6.3~~	✓ (-6.2)										
0930	-6.	3	-5.	9		-6.1											
1000	-6.	0	-5.	8		-5.9											
1030	-6.	0	-5.	9		-6.0											
1100	-6.	1	-5.	8		-6.0											
1130	-6.	0	-6.	1		~~-6.1~~	(-6.0)										
1200	-6.	0	-5.	8		-5.9											Disturbed trace
1230	-5.	9	-5.	5		-5.7											↓
1300	-5.	2	-5.	0		-5.1											
1330	-5.	4	-5.	1		~~-5.3~~	(-5.2)										
1400	-5.	4	-5.	3		-5.4											
1430	-6.	1	-5.	4		-5.8											
1500	-5.	9	-5.	6		-5.8											
1530	-6.	0	-5.	9		-6.0											
1600	-5.	6	-5.	3		~~-5.5~~	(-5.4)										
1630	-4.	8	-5.	7		~~-5.3~~	(-5.2)										
1700	-5.	8	-5.	9		~~-5.9~~	(-5.8)										
1730	-5.	9	-6.	2		~~-6.1~~	(-6.0)										
1800	-6.	3	-6.	0		-6.2											
1830	-6.	2	-6.	1		-6.2											
1900	-6.	2	-6.	2		-6.2											
1930	-6.	0	-3.	2		-4.6											
2000	—		-3.	7		-3.7											
-3.0 2030	~~-0.5~~		-2.	0		-2.5											
2100	-2.	5	-2.	3		-2.4											
2130	-1.	4	—			-1.4											
2200	12.	0	17.	2		14.6											
2230	15.	0	9.	0		12.0											
2300	6.	4	2.	0		4.2											
2330	—		0.	4		.4											32051 + 0 / 0.9789
2400	8		2.	1		2.3											

3.4 HY 2 — 27

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 29 OCT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-4.33 (93)
316.08

	AH L1	AH L2	AL L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-3.6		-4.0			-3.8											
0100	-2.5		-2.6			-2.6											
0130	-3.0		-2.5			-2.8											
0200	-2.1		-3.5			-2.8											
0230	-2.1		-0.5			-1.3											
0300	-2.5		-3.5			-3.0											
0330	-2.8		-3.1			-3.0											
0400	-2.1		-1.9			-2.0											
0430	-1.2		-1.4			-1.3											
0500	-2.1		-2.0			~~-2.1~~	(-2.0)										
0530	-3.4		-3.7			-3.6											
0600	-2.6		-1.5			~~-2.1~~	(-2.0)										
0630	-0.9		-3.5			-2.2											
0700	-2.4		-0.0			-1.2											
0730	-1.0		-1.5			~~-1.3~~	(-1.2)										
0800	+3.0		-1.2			+0.9											
0830	-1.4		-2.1			-1.8											
0900	-3.0		-2.7			~~-2.9~~	(-2.8)										
0930	-3.8		-4.1			-4.0											
1000	-5.0		-5.0			-5.0											
1030	-6.2		-6.6			-6.4											
1100	-6.5		-6.0			~~-6.3~~	(-6.2)										
1130	-6.5		-6.4			~~-6.5~~	✗ (-6.4)										
1200	-6.4		-6.5			~~-6.5~~	✗ (-6.4)										
1230	-5.5		-6.3			-5.9											
1300	-5.1		-5.4			~~-5.3~~	(-5.2)										
-5.4 1330	~~-5.4~~		-5.5			~~-5.5~~	(-5.4)										
-5.5 1400	~~-5.5~~		—			-5.5											
1430	—		—														
1500	-5.5		-5.3			-5.4											
1530	-4.7		-4.6			~~-4.7~~	(-4.6)										
1600	-4.8		-4.8			-4.8											
1630	-4.5		-5.0			-4.8											
1700	-5.8		-6.2			-6.0											
1730	-6.1		-6.3			-6.2											
1800	-6.4		-6.2			-6.3											
1830	-6.2		-6.0			-6.1											
1900	-5.5		-5.5			-5.5											
1930	-5.5		-5.5			-5.5											
2000	-5.8		-5.9			~~-5.9~~	(-5.8)										
2030	-6.5		-6.7			-6.6	✓										
2100	-6.1		-6.5			-6.3											
-6.1 2130	~~-5.8~~		~~-5.4~~			-6.1	-6.1										
-5.8 2200	~~-4.9~~		~~-5.5~~			-5.6	-5.4										
-4.9 2230	~~-5.0~~		~~-4.6~~			-5.2	-5.5										
-5.0 2300	~~-5.5~~		~~-5.0~~			-4.8	-4.6										
2330	-5.0		-4.6			-4.8											32251 + 0
-4.1 2400	~~-4.1~~		~~-4.9~~			-4.5	-4.9										09789

HN

CARBON DIOXIDE DATA STATION S16 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 28 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-5.68 (96)
314.91

	L1 AH	L2	L3 AL	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-6.9		-6.8			~~-6.9~~	(-6.8)										
0100	-6.8		-6.6			-6.7											
0130	-6.8		-6.0			-6.4											
0200	-6.9		-6.5			-6.7											
0230	-6.9		-6.8			~~-6.9~~	(-6.8)										
0300	-6.2		-7.8			-7.0											
0330	-1.0		-6.3			~~-3.7~~	(-3.6)										
0400	-2.9		-4.0			~~-3.5~~	(-3.4)										
0430	-1.8		-2.5			-2.2											
0500	-6.6		-3.0			-4.8											
0530	-6.8		-6.5			~~-6.9~~	(-6.6)										
0600	-6.8		-6.9			~~-6.9~~	(-6.8)										
0630	-6.8		-6.8			-6.8											
0700	-6.9		-6.8			~~-6.9~~	(-6.8)										
0730	-7.1		-6.8			-7.0											
0800	-7.1		-7.1			-7.1											
0830	-7.0		-7.0			-7.0											
0900	-7.1		-6.9			-7.0											
0930	-7.2		-6.9			~~-7.1~~	(-7.0)										
1000	-7.0		-7.1			~~-7.1~~	(-7.0)										
1030	-7.2		-7.4			-7.3											
1100	-7.1		-7.2			-7.2											
1130	-7.3		-7.0			-7.2											
1200	-7.1		-6.8			-7.0											
1230	-7.0		-7.1			~~-7.1~~	(-7.0)										
1300	-6.9		-6.9			-6.9											
1330	-6.5		-6.5			-6.5											
1400	-6.7		-6.9			-6.8											
1430	-6.7		-6.6			~~-6.7~~	(-6.6)										
1500	-6.6		-6.8			-6.7											
1530	-6.9		-6.5			-6.7											
1600	-7.0		-6.8			-6.9											
1630	-7.2		-7.3			-7.3	(-7.2)										
1700	-7.1		-7.2			-7.2											
1730	-7.0		-7.0			-7.0											
1800	-6.4		-7.2			-6.8											
1830	-4.0		-5.1			-4.6											
1900	-4.3		-3.2			-3.8											
1930	-4.0		-4.5			~~-4.3~~	(-4.2)										
2000	-3.5		-2.9			-3.2											
2030	-3.2		-3.1			-3.2											
2100	-3.0		-2.0			-2.5											
2130	-3.1		-3.5			-3.3											
2200	-1.0		-1.2			-1.1											
2230	-2.8		-2.8			-2.8											
2300	-2.1		-3.5			-2.8											
2330	-3.9		-2.5			-3.2											320.51 + 0
2400	-4.0		-3.9			-4.0											0.9989

HN

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 27 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-6.05 (-6.6)
314.33

	L1 AH	L2	L3 AL	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	No Minimum not
0100																	enough results
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830	-2.8		—			-2.8											Disturbed trace
0900	-3.5		-2.8			-3.2											
0930	-5.7		-6.1			-5.9											
1000	-7.2		-6.0			-6.6											
1030	-6.7		-7.2			-7.0	✓										
1100	-6.4		-6.2			-6.3											
1130	-6.7		-6.2			~~-6.5~~	(-6.4)										
1200	-6.0		-6.7			-6.4											
1230	-5.4		-5.8			-5.6											
1300	-5.7		-5.3			-5.5											
1330	-5.2		-6.2			-5.7											
1400	-4.7		-4.7			-4.7											
1430	-5.7		-4.5			-5.1											
1500	-6.0		-5.8			-5.7											
1530	-5.8		-5.9			~~-5.9~~	(-5.8)										
1600	-5.8		-5.5			~~-5.7~~	(-5.6)										
1630	-6.2		-5.7			-6.0											
1700	-6.2		-6.1			-6.2											
1730	-6.6		-6.4			-6.5											
1800	-6.7		-6.7			-6.7											
1830	-6.5		-6.6			-6.6											
1900	-6.5		-6.4			~~-6.5~~	(-6.4)										
1930	-6.4		-6.0			-6.2											
2000	-6.5		-6.5			-6.5											
2030	-6.6		-6.6			-6.6											
2100	-6.8		-6.6			-6.7											
2130	-6.8		-6.7			-6.8											
2200	-6.6		-6.8			-6.7											
2230	-6.8		-6.6			-6.7											
2300	-6.8		-7.0			-6.9											
2330	-6.8		-6.7			-6.8											320.51 ± 5
2400	-6.6		-6.4			-6.6											0.9989
	-6.8		-6.5														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 26 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-6.79 (64)
313.57

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	6.5		7.0			-4.3											All negative no.
0100	6.8		6.7			-6.8											
0130	7.3		7.0			-7.2											
0200	7.0		7.0			-7.0											
0230	7.0		7.0			-7.0											
0300	7.0		7.2			-7.1											
0330	7.1		7.1			-7.1											
0400	7.1		7.1			-7.1											
0430	7.1		7.2			-7.2											
0500	7.2		7.0			-7.1											
0530	7.2		7.3			~~-7.3~~	(-7.2)										
0600	7.4		7.2			-7.3											
0630	7.7		7.5			-7.6	✓										
0700	6.8		7.0			-6.9											
0730	7.1		7.1			-7.1											
0800	6.1		6.7			-6.4											} disturbed trace
0830	6.8		6.2			-6.5											
0900	6.9		6.9			-6.9											
0930	7.1		7.5			-7.3											
1000	6.9		7.2			~~-7.1~~	(-7.0)										
1030	6.8		7.0			-6.9											
1100	6.7		6.9			-6.8											
1130	6.6		6.5			-6.6											
1200	6.6		6.8			-6.7											
1230	6.7		6.9			-6.8											
1300	6.1		7.0			-6.6											
1330	6.8		6.5			~~-6.7~~	(-6.6)										
1400	6.6		6.4			-6.5											
1430	6.6		6.4			-6.5											
1500	6.5		6.5			-6.5											
1530	6.4		6.4			-6.4											
1600	6.5		5.5			~~-6.5~~	(-6.0)										
1630																	NO TRACE
1700																	
1730																	No MINIMUM Not enough
1800																	RESULTS
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	320.51 ± 0
2400																	0.9789

HN

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 25 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-5.37 (96)

315.02

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
	AH.		AL.														
0030	-5.9		-5.9			-5.9											
0100	-5.9		-6.0			-6.0											
0130	-4.6		-5.3			-5.0											
0200	-4.6		-4.5			-4.6											
0230	-4.8		-4.0			-4.4											disturbed trace
0300	-3.8		-5.0			-4.4											
0330	-3.3		-3.4			-3.4											
0400	-3.2		-2.9			-3.1	(-3.0)										
0430	-4.3		-5.0			-4.7	(-4.6)										
0500	-3.9		-3.9			-3.9											
0530	-4.0		-4.1			-4.1	(-4.0)										
0600	-4.3		-4.4			-4.4											
0630	-4.9		-5.0			-5.0											
0700	-6.1		-5.2			-5.7	(-5.6)										
0730	-6.4		-6.1			-6.3	(-6.2)										
0800	-6.5		-6.4			-6.5	(-6.4)										
0830	-6.5		-6.5			-6.5											
0900	-5.5		-5.5			-5.5											
0930	-5.3		-5.8			-5.6											
1000	-5.6		-5.4			-5.5											
1030	-5.5		-5.3			-5.4											
1100	-5.6		-5.1			-5.4											
1130	-5.7		-5.1			-5.4											
1200	-5.7		-5.3			-5.5											
1230	-5.5		-5.5			-5.5											
1300	-5.3		-5.4			-5.4											
1330	-5.5		-5.5			-5.5											
1400	-5.6		-5.3			-5.5	(-5.4)										
1430	-5.4		5.8			-5.6											
1500	-5.4		-5.5			-5.5	(-5.4)										
1530	-5.0		-5.4			-5.2											
1600	-5.5		-5.5			-5.5											
1630	-5.6		-5.1			-5.4											
1700	-5.5		-5.1			-5.3											
1730	-5.4		-5.5			-5.5	(-5.4)										
1800	-5.8		-5.5			-5.7	(-5.6)										
1830	-5.6		-5.8			-5.7											
1900	-5.8		-5.9			-5.7	(-5.8)										
1930	-5.9		-6.0			-6.0											
2000	-6.0		-6.0			-6.0											
2030	-6.2		-6.0			-6.1											
2100	-6.3		-6.1			-6.2											
2130	-6.2		-6.1			-6.2											
2200	-6.2		-6.0			-6.1											
2230	-5.9		-6.0			-6.0											
2300	-4.2		-6.1			-5.2											
2330	-6.5		-3.1			-4.8											32051 + 5
2400	-6.2		-6.1			-6.2											0.9789

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 24 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-0.70 (98)

319.79

	AH L1	AH L2	AL. L3	AL. L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	+5.4		+6.0			+5.7											
0100	+3.5		+5.0			~~+4.3~~	(4.2)										
0130	+4.5		+4.7			+4.6											
0200	+4.1		+4.2			+4.2											
0230	+5.1		+4.9			+5.0											
0300	+5.0		+4.9			+5.0											
0330	+4.4		+5.3			~~+4.9~~	(4.8)										
0400	+3.5		+3.4			~~+3.5~~	(3.4)										
0430	+1.0		+2.5			+1.8											
0500	+3.2		+2.3			+2.8											
0530	+4.4		+4.8			+4.6											
0600	+5.0		+4.4			+4.7											
0630	+5.8		+5.7			+5.8											
0700	+5.1		+5.9			+5.5											
0730	+5.6		+7.0			+6.3											
+5.2 0800	~~+5.7~~		+5.8			+5.5											
+5.5 0830	~~+6.2~~		~~+5.2~~			~~+5.9~~	+6.2 (+5.8)										
+5.4 0900	~~+5.5~~		+5.5			~~+5.5~~	(+5.4)										
+5.0 0930	~~+5.3~~		~~+5.4~~			~~+5.2~~	+5.3 (+5.2)										
+4.0 1000	~~+4.5~~		~~+5.0~~			~~+4.3~~	+4.5 (+4.2)										
1030	+3.8		~~+4.0~~			~~+3.8~~	+3.8 (+3.8)										
+2.5 1100	~~+3.1~~		~~+3.8~~			~~+2.8~~	+3.1 (+2.8)										
1130	-2.5		~~-2.5~~			~~-2.0~~	-1.5 (-2.0)										
1200	-4.6		-3.9			~~-4.3~~	(-4.2)										
1230	-4.5		-4.5			-4.5											
1300	-4.0		-4.0			-4.0											
1330	-5.0		-4.6			-4.8											
1400	-5.4		-5.0			-5.2											
1430	-5.8		-5.7			-5.8											
1500	-5.7		-5.8			-5.8											
1530	-6.0		-5.8			-5.9											
1600	-5.9		-6.0			-6.0											
1630	-5.7		-5.8			-5.8											
1700	-5.8		-5.6			-5.7											
1730	-5.9		-5.5			-5.7											
1800	-5.6		-5.6			-5.6											
1830	-5.5		-5.5			-5.5											
1900	-5.5		-5.5			-5.5											
1930	-5.0		-3.8			-4.4											
2000	-4.1		-2.7			-3.4											
2030	-4.4		-3.4			-3.9											
2100	-5.9		-5.4			~~-5.7~~	(-5.6)										
2130	-5.7		-5.3			-5.5											32.51 + 0
2200	-6.3		-5.7			-6.0											0.9789
2230	-5.5		-6.2			~~-5.9~~	(-5.8)										beginning of
2300	-6.0		-5.5			-5.8											disturbed
2330	-5.9		-5.9			-5.9											trace
2400	-6.7		-6.1			-6.3											
	-5.8		-6.5														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 23 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

12.16(95)

33294

	AH. L1	L2	AL. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	18	6	18	7		~~18.7~~	(18.6)										
0100	19	1	18	8		19.0											
0130	19	2	19	4		19.3											
0200	20	7	19	7		20.2											
0230	20	1	20	4		~~20.3~~	(20.2)										
0300	20	5	20	3		20.4											
0330	21	2	20	6		20.9											
0400	21	1	21	2		21.2											
0430	21	3	21	3		21.3											
0500	21	0	21	0		21.0											
0530	21	3	21	0		21.2											
0600	22	0	21	1		21.6											
0630	22	6	21	5		~~22.1~~	(22.0)										
0700	21	5	22	0		21.8											
0730	—		21	3		21.3											
0800	21	8	21	4		~~21.3~~	(21.2)										
0830	22	5	21	5		22.0											
0900	22	4	22	1		~~22.3~~	(22.2)										
0930	22	5	22	5		22.5											
1000	22	2	22	1		22.2											
1030	22	4	22	3		22.4											
1100	21	9	21	8		~~21.9~~	(21.8)										
1130	18	4	21	6		20.0											
1200	16	3	16	5		16.4											
1230	+0	0	14	6		~~14.6~~	(7.3)										
1300	-1	2	-0	7		-1.0											
1330	-1	7	-1	5		-1.7											
1400	-2	3	-2	0		-2.2											
1430	-2	5	-2	1		-2.3											
1500	-2	3	-2	2		-2.3	(-2.2)										
1530	-2	0	-1	7		~~-1.9~~	(-1.8)										
1600	-0	9	-1	5		-1.2											
1630	-1	0	-0	9		-1.0											
1700	-0	9	-1	0		-1.0											
1730	0	5	0	0		~~0.5~~	(0.2)										
1800	—		0	6		0.6											
1830	5	8	—			5.8											
1900	2	5	4	9		3.7											
1930	2	3	0	5		1.4											
2000	4	0	3	2		3.6											
2030	5	6	4	2		4.9											
2100	9	5	6	4		8.0											
2130	10	1	9	6		~~9.9~~	(9.8)										
2200	11	4	10	9		11.2											
2230	11	5	11	9		11.7											
2300	10	5	12	2		~~11.4~~											
2330	9	6	11	5		10.6											320.51 + 0
2400	6	8	10	0		7.1											0.9989
	5	4	6	2													

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 22 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

8.17(64)
328.86

	AH. L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	3.4		3.9			~~3.9~~	(3.6)										
0100	3.5		2.9			3.2											
0130	3.5		3.4			~~3.5~~	(3.4)										
0200	4.0		3.0			3.5											
0230	2.8		2.5			~~2.7~~	(2.6)										
0300	2.0		1.3			~~1.7~~	(1.6)										
0330	1.4		1.4			1.4											
0400	1.1		2.1			1.6											
0430	.9		1.5			1.2											
0500	1.5		2.6			~~2.1~~	(2.0)										
0530	3.3		4.8			~~4.1~~	(4.0)										
0600	5.0		2.9			4.0											
0630	3.0		3.3			3.2											
0700	3.9		3.9			3.9											
0730	4.4		3.5			4.0											
0800	3.8		—			3.8											
0830																	Brought in freezer coil
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	No Min. for day not
1200																	enough data.
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630	12.5		12.1			12.3											
1700	11.1		12.9			12.0											
1730	11.0		11.0			11.0											
1800	15.0		10.9			13.0											
1830	10.8		—			10.8											
1900	11.0		11.0			11.0											
1930	10.9		11.0			11.0											
2000	12.0		11.4			11.7											
2030	11.9		11.7			11.8											
2100	13.6		12.2			12.9											
2130	14.6		14.2			14.4											
2200	15.5		15.4			~~15.5~~	(15.4)										
2230	15.7		15.7			15.7											
2300	16.0		16.5			~~16.3~~	(16.2)										
2330	17.5		17.0			~~17.3~~	(17.2)										32051 + 0
2400	16.0		17.8			16.2											09789
	16.5		16.4														

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 21 OCT. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

- 2.7 (96)
317.74

	A.H. L1	L2	A.H. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-5.8		-6.9			-6.4											
0100	-5.8		-5.4			-5.6											
0130	-4.0		-4.4			-4.2											
0200	-4.8		-5.4			-5.1											
0230	-5.8		-6.1			6.0											
0300	-5.1		-5.5			-5.3											
0330	-5.6		-5.8			-5.7											
0400	-5.9		-5.0			~~-5.5~~	(-5.4)										
0430	-5.0		-5.4			-5.2											
0500	-5.4		-4.8			-5.1											
0530	-4.9		-4.6			-4.8											
0600	-4.2		-4.6			-4.4											
0630	-4.9		-3.9			-4.4											
0700	-4.0		-2.5			~~-3.3~~	(-3.2)										
0730	-2.0		-2.6			-2.3											
0800	-2.9		-3.1			-3.0											
0830	-3.3		-3.0			-3.2											
0900	-3.3		-2.9			-3.1											
0930	-3.1		-3.0			~~-3.1~~	(-3.0)										
1000	-3.6		-3.2			-3.4											
1030	-3.4		-3.3			-3.4											
1100	-3.4		-3.5			~~-3.5~~	(-3.4)										
1130	-3.2		-3.3			~~-3.3~~	(-3.2)										
1200	-2.7		-3.5			-3.1											
1230	-3.7		-3.0			-3.4											
1300	-3.1		-3.3			-3.2											
1330	-3.7		-4.6			-4.2											
1400	-5.2		-5.8			-5.5											
1430	-6.2		-6.0			-6.1											
1500	-6.1		-6.3			-6.2											
1530	-6.2		-6.1			-6.2											
1600	—		—			—											
1630	-6.0		-6.1			~~-6.1~~	(-6.0)										
1700	-6.0		-5.2			-5.6											
1730	-5.0		-5.5			-5.3											
1800	-5.0		-5.2			-5.1											
1830	-4.3		-3.4			-3.9											
1900	-3.0		-2.8			-2.9											
1930	-2.4		-1.0			-1.7											
2000	-.7		-.1			~~-.9~~	(-0.4)										
2030	1.1		1.8			~~1.5~~	(1.4)										
2100	2.9		2.7			2.8											
2130	2.9		2.9			2.9											
2200	3.0		3.1			~~3.1~~	(3.0)										
2230	4.8		4.6			4.7											
2300	4.8		5.7			~~5.3~~	(5.2)										
2330	4.5		5.7			5.1											32051 + 5
2400	3.1		2.4			2.8											0.9789
	2.2		3.4														

CARBON DIOXIDE DAT STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 20 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-5.27 (96)

3/5/12

	AH L1	AH L2	AL L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-5.0		-4.9			-5.0											
0100	-4.7		-4.7			-4.7											
0130	-4.8		-4.9			~~-4.9~~	(-4.8)										
0200	-4.6		-5.9			~~-5.3~~	(-5.2)										
0230	-4.1		-3.7			-3.9											
0300	-4.7		-5.7			-5.2											
0330	-5.7		-5.6			~~-5.7~~	(-5.6)										
0400	-5.4		-4.6			-5.0											
0430	-4.4		-4.9			~~-4.7~~	(-4.6)										
0500	-4.4		-4.4			-4.4											
0530	-5.0		-4.6			-4.8											
0600	-4.4		-4.8			-4.6											
0630	-4.2		-5.6			~~-4.8~~	(-4.9)										
0700	-4.6		-4.6			-4.6											
0730	-4.7		-4.7			-4.7											
0800	-4.6		—			-4.6											
0830	-4.9		-4.0			~~-4.5~~	(-4.4)										
0900	-5.2		-4.8			-5.0											
0930	-4.1		-3.3			-3.7											
1000	-3.4		-2.9			-3.2											
1030	-2.3		-3.9			-3.1											
1100	-4.9		-5.5			-5.2											
1130	-5.5		-5.4			~~-5.5~~	(-5.4)										
1200	-5.4		-5.9			~~-5.7~~	(-5.6)										
1230	-5.5		-5.5			-5.5											
1300	-5.5		-5.7			-5.6											
1330	-5.5		-5.3			-5.4											
1400	-5.8		-5.6			-5.7											
1430	-5.5		-5.7			-5.6											
1500	-5.8		-5.6			-5.7											
1530	-6.0		-5.9			-6.0											
1600	-5.9		-6.0			-6.0											
1630	-6.9		-6.9			-6.9											
1700	-7.3		-7.6			-7.5	✓ (-7.4)										
1730	-7.1		-7.5			-7.3											
1800	-7.3		-7.5			-7.4	✓										
1830	-7.4		-5.3			-6.4											
1900	-4.7		-5.4			-5.1	(-5.0)										
1930	-4.9		-5.5			-5.2											
2000	-5.0		-4.8			-4.9											
2030	-5.4		-5.7			-5.6											
2100	-5.3		-5.8			-5.6											
2130	-7.3		—			-7.3											
2200	-3.9		-4.1			-4.0											
2230	-4.8		-5.7			~~-5.3~~	(-5.2)										
2300	-5.4		-6.0			-5.7											
2330	-5.6		-5.7			~~-5.7~~	(-5.6)										320.51 + 0
2400	-6.0		-6.0			-5.9											0.9289
	-5.9		-5.7														

CARBON DIOXIDE DAT STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 19 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-4.51 (91)
315.90

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-1.	6	-1.	4		-1.5											
0100	-1.	4	-1.	7		-1.6											
0130	-1.	1	-0.	7		~~-0.7~~	(-0.9)										
0200	-1.	0	-1.	0		-1.0											
0230	-1.	1	-1.	3		-1.2											
0300	-1.	1	-1.	2		-1.2											
0330	-.	8	-1.	3		~~-1.1~~	(-1.0)										
0400	-1.	2	-1.	4		-1.3											
0430	-1.	7	-1.	9		-1.8											
0500	-2.	1	-1.	8		-2.0											
0530	-2.	0	-3.	5		-2.8											
0600	-3.	1	-4.	1		-3.6											
0630	-3.	4	-3.	0		-3.2											
0700	-2.	4	-2.	5		~~-2.5~~	(-2.4)										
0730	-3.	0	-2.	5		-2.8											
0800	-1.	9	-3.	1		-2.5											
0830	—		—			—											Defrosted Freezer
0900	—		—			—											
0930	—		—			—											
1000	—		-4.	9		-4.9											
1030	-5.	0	-5.	5		~~-5.3~~	(-5.2)										
1100	-5.	6	-6.	1		~~-5.9~~	(-5.8)										
1130	-6.	1	-6.	3		-6.2											
1200	-6.	0	-6.	0		-6.0											
1230	-5.	7	-5.	7		-5.7											
1300	-5.	5	-5.	8		~~-5.7~~	(-5.6)										
1330	-5.	9	-6.	1		-6.0											
1400	-6.	0	-6.	3		-6.2											
1430	-6.	1	-6.	1		-6.1											
1500	-6.	0	-6.	4		-6.2											
1530	-6.	4	-6.	5		~~-6.5~~	(-6.4)										
1600	-6.	8	-6.	9		-6.9	✗ (-6.8)										
1630	-6.	6	-6.	5		-6.6											
1700	-6.	8	-7.	0		-6.9	✓										
1730	-6.	8	-7.	0		-6.9	✓										
1800	-6.	8	-6.	7		-6.8											
1830	-6.	6	-6.	9		-6.8											
1900	-6.	9	-6.	8		-6.8											
1930	-6.	8	-6.	3		-6.6											
2000	-5.	5	-4.	5		-5.0											
2030	-3.	5	-3.	9		-3.7											
2100	-4.	1	-6.	2		-5.2											
2130	-6.	4	-5.	5		-6.0											
2200	-5.	9	-6.	2		~~-6.1~~	(-6.0)										
2230	-6.	1	-5.	7		-5.9											
2300	-5.	6	-5.	9		-5.8											
2330	-5.	6	-5.	0		-5.3											320.5 + 0
2400	-4.	8	-4.	9		-4.9	(-4.8)										0.9/89
	-4.	9	-4.	6													

CARBON DIOXIDE DAT STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 18 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

3,61 (89)
324.20

	A.H. ~~L1~~	~~L2~~	A.L. ~~L3~~	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	11.	5	8.	9		10.2											
0100	9.	4	8.	5		9.0											
0130	7.	4	8.	6		8.0											
0200	8.	7	9.	1		8.9											
0230	9.	6	11.	8		10.7											
0300	11.	9	12.	7		12.3											
0330	12.	2	10.	8		11.5											
0400	9.	8	—			9.8											
0430	6.	9	5.	6		~~6.3~~	(6.2)										
0500	6.	0	4.	6		5.3											
0530	1.	8	2.	5		2.2											
0600	3.	1	3.	9		3.5											
0630	4.	0	3.	9		4.0											
0700	4.	0	4.	8		4.4											
0730	4.	9	5.	2		~~5.1~~	(5.0)										
0800	5.	1	5.	8		~~5.5~~	(5.4)										
0830	5.	7	5.	5		5.6											
0900	5.	9	5.	2		5.6											
0930	5.	0	5.	2		5.1											
1000	5.	2	5.	8		5.5											
1030	5.	9	6.	0		6.0											
1100	6.	9	10.	9		8.9											
1130	13.	5	18.	6		~~16.1~~	(16.0)										
1200	20.	0	—			20.0											
1230	—		—			—											
1300	—		2.	0		2.0											
1330	1.	2	-.	4		.4											
1400	-.	6	-.	9		-.8											
1430	-.	9	-1.	4		-1.2											
1500	-1.	3	—			-1.3											
1530	-1.	1	-1.	9		-1.5											
1600	-2.	2	2.	1		-2.2	✓										
1630	-2.	3	-2.	1		-2.2	✓										
1700	-1.	8	-2.	0		-1.9											
1730	-1.	7	—			-1.7											
1800	—		—			—											
1830	-2.	0	-1.	7		~~-1.9~~	(-1.8)										
1900	-1.	8	-1.	9		-1.9	(-1.8)										
1930	-1.	6	-1.	5		-1.6											
2000	-1.	2	-1.	0		-1.1											
2030	-1.	0	-.	9		-1.0											
2100	-.	9	-.	5		-.7											
2130	-.	9	-.	6		-.8											
2200	-.	9	-.	4		-.7											
2230	-.	5	-.	6		-.6											
2300	-.	3	-.	8		-.6											
2330	-.	5	-.	9		-.7											320.51 + 0
2400	-1.	0	-1.	2		-1.4											0.989
	-1.	4	-1.	8													

CARBON DIOXIDE DAT STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 17 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 _____ From Ref tank test of _____

Tank Press. _____ psi Obs. _____

2.61 (94)

323.18

	AH. L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-2	0	-2.	2		-2.1											
0100	-2	1	-2.	5		-2.3											
0130	-2.	7	-2.	8		-2.8											
0200	-2.	9	-3.	4		-3.2	✓										
0230	-2.	6	-1.	0		-1.8											
0300	-1.	6	-1.	6		-1.6											
0330	-.	9	-.	7		-.8											
0400	-.	9	-.	1		-.5											
0430	0.	00	2.	6		1.3											
0500	2.	3	2.	2		2.3	(2.2)										
0530	3.	0	4	0		3.5											
0600	4	0	4.	9		4.5	(4.4)										
0630	5.	4	5.	6		5.5											
0700	5	5	6.	0		5.8											
0730	7	6	8.	1		7.9	(7.8)										
0800	7.	2	7.	0		7.1											
0830	6.	5	6.	0		6.3	(6.2)										
0900	5.	6	5.	9		5.8											
0930	7.	5	19.	0		13.3	(13.2)										
1000	18.	4	16.	4		17.2	(17.4)										
1030	15	0	8.	5		11.8											
1100	7.	1	7	0		7.1	(7.0)										
1130	6.	5	6.	7		6.6											
1200	6.	3	6.	6		6.5	(6.4)										
1230	6.	7	5.	9		6.3											
1300	4.	3	4.	2		4.3	(4.2)										
1330	3.	0	2.	8		2.9											
1400	2.	6	2.	6		2.6											
1430	1.	9	1.	5		1.7											
1500	1.	0	0.	0		.5											
1530	0.	4	0.	1		0.3	(0.2)										
1600	0.	3	0	0		0.2											
1630	—		—			—											
1700	0.	1	0.	0		0.1	(0.0)										
1730	0.	0	0.	0		0.0											
1800	-0.	3	-0.	8		-0.6											
1830	-0.	9	-1.	9		-1.4											
1900	-1.	6	-1.	5		-1.6											
1930	-1.	6	-0.	9		-1.3	(-1.2)										
2000	-0.	9	-0.	8		-0.9	(-0.8)										
2030	-1.	5	-1.	3		-1.4											
2100	-1.	2	-1.	3		-1.3	(-1.2)										
2130	-0.	7	-0.	5		-0.6											
2200	-0.	3	1.	3		0.5											
2230	2.	0	2.	4		2.2											
2300	2.	5	2.	5		2.5											
2330	2.	8	3.	1		3.0											320.51 + 5
2400	3.	6	—			7.7											0.9789
	HN —		11.8														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 16 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

4.77 (59)

325.39

	AH. L1	L2	AL. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	Trace too Faint to read
0100																	
0130																	
0200																	Not enough data for minimum
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830	—		2.7			2.7											
0900	4.1		3.9			4.0											
0930	4.0		4.5			~~4.3~~	(4.2)										
1000	3.9		—			3.9											
1030	3.6		3.9			3.8											
1100	3.3		2.9			3.1											
1130	—		—			—											
1200	2.5		2.5			2.5											
1230	—		5.0			5.0											
1300	4.5		3.1			3.8											
1330	2.7		1.7			2.2											
1400	1.9		1.5			1.7											
1430	1.5		1.1			1.3											
1500	1.0		.6			.8	✓										
1530	1.4		1.0			1.2											
1600	—		—			—											
1630	1.9		3.8			~~2.9~~	(2.8)										
1700	5.8		7.9			6.9											
1730	10.3		10.9			10.6											
1800	11.6		11.5			11.6											
1830	11.5		11.1			11.3											
1900	11.1		10.8			11.0											
1930	9.6		7.7			~~8.7~~	(8.6)										
2000	7.8		6.4			7.1											
2030	5.9		4.4			5.2											
2100	3.1		5.1			4.1											
2130	6.1		6.4			~~6.3~~	(6.2)										
2200	4.6		4.3			~~4.5~~	(4.4)										
2230	4.0		4.4			4.2											
2300	4.0		3.1			3.6											
2330	3.3		2.4			~~2.9~~	(2.8)										320.57 + 0
2400	1.0		-.2			-.5											0.9789
	+1.0		~~-1.8~~			-1.8											

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 15 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

7.44 (29)

327.78

	A.H L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		—			—											
0100	—		—			—											
0130	6.2		—			6.2											
0200	4.1		—			4.1											
0230	—		—			—											
0300	—		5.3			5.3											pen skipping
0330	—		—			—											" "
0400	—		—			—											" "
0430	—		5.0			5.0											
0500	—		—			—											" "
0530	—		—			—											" "
0600	.4		—			.4											
0630	2.1		—			2.1											
0700	—		—			—											
0730	—		.4			.4											
0800	—		2.5			2.5											
0830	—		—			—											" "
0900	—		—			—											" "
0930	—		—			—											" "
1000	3.4		5.0			4.2											
1030	—		—			—											changed pen points
1100	5.3		6.4			5.9	(5.8)										
1130	6.3		7.0			6.7											
1200	—		-3.4			-3.4											
1230	-3.9		-3.7			-3.8											
1300	-4.1		-3.3			-3.7											
1330	-3.7		-3.5			-3.6											
1400	-3.6		-3.8			-3.7											
1430	-3.5		-3.7			-3.6											
1500	-3.7		-3.7			-3.7											
1530	-3.7		-3.8			-3.8	✓										
1600	—		—														TRACE too faint to read
1630																	
1700																	
1730																	Not enough data for
1800																	Minimum
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	320.5 ± 0
2400																	0.9989

HN

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 14 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

7.26 (85)
327.93

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	1.4		1.7			1.6 ✓											
0100	1.6		1.8			1.7											
0130	3.1		—			3.1											
0200	—		2.5			2.5											
0230	2.6		2.4			2.5											
0300	3.3		4.6			4.0											
0330	5.0		4.3			~~4.7~~	(4.6)										
0400	4.6		4.9			4.8											
0430	6.1		5.7			5.9											
0500	5.7		5.8			5.8											
6.5 ← 0530	~~6.5~~		6.7			6.6											
0600	7.0		7.4			7.2											
0630	7.3		9.0			8.2											
0700	9.4		—			9.4											
0730	—		—			—											
0800	7.6		—			7.6											
0830	7.1		6.7			6.9											
0900	7.1		6.5			6.8											
0930	5.6		6.0			5.8											
1000	7.0		7.1			~~7.1~~	(7.0)										
1030	6.6		6.5			6.6											
1100	5.7		5.6			~~5.7~~	(5.6)										
1130	5.5		4.9			5.2											
1200	4.9		4.8			~~4.9~~	(4.8)										
1230	3.4		5.2			4.3											
1300	4.9		—			4.9											
1330	—		10.7			10.7											
1400	10.0		12.2			11.1											
1430	12.9		12.6			12.8											
1500	13.1		15.0			~~14.1~~	(14.0)										
1530	15.9		18.1			17.0											
1600	19.1		—			19.1											
1630	20.2		—			20.2											
1700	9.5		10.1			9.8											
1730	9.4		8.5			9.0											
1800	9.0		—			9.0											
1830	—		10.4			10.4											
1900	14.0		12.5			~~13.3~~	(13.2)										
1930	12.6		12.5			12.6											
2000	10.1		5.1			7.6											
2030	6.5		5.1			5.8											
2100	3.9		4.5			4.2											
2130	3.4		2.7			~~3.1~~	(3.0)										
2200	3.0		3.4			3.2											
2230	3.7		3.7			3.7											
2300	3.8		3.1			~~3.5~~	(3.4)										
2330	3.4		2.7			~~3.1~~	(3.0)										320.51 + 0
2400	2.6		6.2			~~5.4~~	(5.1)										0.9789
HN	6.4		—														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 13 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 72 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-2.86 (96)

317.59

	A.H. L1	A.H. L2	A.L. L3	A.L. L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-5.4		-5.3			-5.4											
0100	-5.4		-5.5			~~-5.5~~	(5.4)										
0130	-5.6		-5.4			-5.5											
0200	-5.1		-5.1			-5.1											
0230	-5.0		-5.3			-5.2											
0300	-5.0		-4.9			-5.0											
0330	-4.6		-4.9			-4.8											
0400	-5.0		-4.9			-5.0											
0430	-4.4		-4.8			-4.6											
0500	-4.7		-4.5			-4.6											
0530	-4.4		-4.9			~~-4.7~~	(4.6)										
0600	-4.3		-4.1			-4.2											
0630	-4.2		-4.2			-4.2											
0700	-4.2		-4.1			-4.2											
0730	-3.9		-3.9			-3.9											
0800	—		—			—											
0830	-3.9		-3.8			~~-3.9~~	(3.8)										
0900	-4.0		-3.9			-4.0											
0930	-3.5		-3.2			-3.4											
1000	-2.7		-.3			-1.5											
1.8 ← 1030	~~1.8~~		2.3			~~2.3~~	(2.0)										
1100	2.6		.1			1.4											
1130	.9		.8			~~.9~~	(0.8)										
1200	-.1		-.1			-.1											
1230	-.9		-3.9			-2.4											
1300	-4.7		-5.1			-4.9											
1330	-4.9		-5.4			~~-5.2~~											
1400	-6.0		-5.9			-6.0											
1430	-5.9		-5.2			-5.6											
1500	-5.8		-5.3			-5.6											
1530	-5.5		-5.4			~~-5.5~~	(-5.4)										
1600	—		-4.7			-4.7											
1630	-4.6		-4.3			~~-4.5~~	(-4.4)										
1700	-4.4		-4.8			-4.6											
1730	-4.1		-3.7			-3.9											
1800	-3.1		-3.1			-3.1											
1830	-2.6		-2.1			-2.4											
1900	-2.0		.4			-.8											
1930	.8		.8			.8											
2000	1.3		.9			1.1											
2030	1.0		.8			.9											
2100	.8		0.0			.4											
2130	.4		1.1			.8											
2200	-.9		.5			-.2											
2230	-.4		.5			~~.1~~	(0.0)										
2300	-.3		0.0			-.2											
2330	.4		.4			.4											320.51 + 5
2400	.3		.3			.4											0.9789
HN	.4		.6														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 12 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

21.34 (31)
− 6.5 (42)

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	19.7		19.3			19.5											317.13
0100	19.6		18.3			19.0											
0130	19.4		20.0			19.7											
0200	20.8		21.5			21.2											313.86
0230	22.5		23.0			22.8											
0300	24.0		24.5			~~24.3~~	(24.2)										
0330	24.3		23.3			23.8											315.25
0400	23.5		23.0			23.3											
0430	22.0		21.8			21.9											
0500	21.5		21.5			21.5											
0530	20.9		20.8			~~20.9~~	(20.8)										
0600	20.6		—			20.6											
0630	20.7		20.5			20.6											
0700	20.6		20.6			20.6											
0730	20.8		20.9			~~20.9~~	(20.8)										
0800	20.9		21.3			21.1											
0830						—											NO Flow Unit Defrosted
0900						—											Changed tank 72
0930						—											
1000						—											
1030						—											
1100						—											
1130						—											
1200						—											
1230						—											
1300						—											
1330						—											
1400						—											
1430	-6.8		-6.8			-6.8											
1500	-7.0		-6.8			-6.9											
1530	-7.0		—			-7.0											
1600	-6.5		-6.9			-6.7											
1630	-6.8		-7.0			-6.9											
1700	-6.5		-6.8			~~-6.7~~	(-6.6)										
1730	-6.7		-6.6			-6.6											
1800	-6.3		-6.9			-6.6											
1830	-6.4		-6.8			-6.6											
1900	-6.6		-6.8			-6.7											
-6.5 1930	~~-6.5~~		-6.9			~~-6.9~~	-6.7										
2000	-6.6		-6.8			-6.7											
2030	-6.6		-6.5			-6.6											
2100	-6.4		-6.5			~~-6.5~~	(-6.4)										
2130	-6.4		-6.3			-6.4											
2200	-6.3		-6.4			-6.4											
2230	-6.4		-6.2			-6.3											75 294.62 ± 0 / 0.9483
2300	-6.2		-6.1			-6.2											
2330	-5.6		-5.6			-5.6											72 320.51 ± 0 / 0.9789
2400	-5.8		-5.8			~~-5.7~~	(-5.6)										
	-5.5		-5.4														

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 11 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

21.43 (579)

317.23

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	18.	6	—			18.5											
0100	—		20.	6		20.6											
0130	—		—			—											
0200	—		—			—											
0230	20	1	19.	9		20.0											
0300	—		—			—											
0330	20.	5	21.	3		20.9											
0400	21.	3	20.	4		~~20.9~~	(20.8)										
0430	21.	1	21.	7		21.4											
0500	—		—			—											
0530	24.	7	—			24.7											
0600	—		—			—											
0630	22.	9	22.	6		22.8											
0700	22.	6	23.	2		~~23.0~~	(22.9)										
0730	23.	2	22.	8		23.0											
0800	22.	4	22.	6		22.5											
0830	22.	6	23.	0		22.8											
0900	22.	8	22.	0		22.4											
0930	22.	0	—			22.0											
1000	22.	2	21.	8		22.0											
1030	21.	8	21.	9		~~21.9~~	(21.8)										
1100	21.	9	22.	6		22.3											
1130	22.	0	—			22.0											
1200	27.	2	31.	1		29.2											
1230	29.	4	32.	1		30.8											
1300	—		36.	9		36.9											
1330	37.	0	36.	0		36.5											
1400	34.	9	—			34.9											
1430	—		18.	4		18.4											
1500	18.	7	18.	8		18.8											
1530	18.	9	18.	5		18.7											
1600	18.	3	18.	0		18.2											
1630	17.	9	17.	7		17.8											
1700	—		17.	5		17.5											
1730	17.	6	17.	2		17.4											
1800	17.	4	17.	4		17.4											
1830	17.	8	17.	6		17.7											
1900	17.	6	17.	5		17.6											
1930	17.	4	17.	1		~~17.3~~	(17.4)										
2000	17.	0	17.	0		17.0											
2030	17.	1	17.	2		17.2											
2100	17.	1	17.	3		17.2											
2130	17.	2	17.	1		17.2											
2200	17.	3	18.	4		~~17.4~~	(17.8)										
2230	18.	5	18.	5		18.5											
2300	18.	9	18.	6		18.8											
2330	19.	2	20.	1		~~19.7~~	(19.6)										294.62 + 0
2400	20.	0	19.	5		~~19.8~~	(19.7)										29483
	19.	7	19.	6													

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 10 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

23.17 (-19)
319.06

	AH. L1	L2	AL. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	27.8		28.8			28.3											
0100	28.2		28.8			28.5											
0130	28.5		29.1			28.8											
0200	29.4		28.7			29.1	(29.0)										
0230	27.8		26.9			27.4											
0300	27.1		27.4			27.3	(27.2)										
0330	27.6		27.9			27.8											
0400	27.5		27.5			27.5											
0430	27.2		—			27.2											
0500	27.1		27.1			27.1											
0530	—		—			—											
0600	26.8		25.8			26.3											
0630	26.8		—			26.8											
0700	—		28.5			28.5											
0730	—		—			—											
0800	30.1		29.1			29.6											
0830	29.1		28.6			28.8											
0900	28.3		28.9			28.6											
0930	27.9		28.9			28.4											
1000	27.1		28.6			27.9	(27.8)										
1030	28.2		22.3			25.2											
1100	—		—			—											
1130	20.8		21.0			20.9											
1200	20.4		20.9			20.7	(20.6)										
1230	20.8		21.4			21.1											
1300	20.9		20.8			20.9											
1330	19.9		20.0			20.0											
1400	19.7		19.5			19.6											
1430	18.9		19.0			19.0											
1500	—		—			—											
1530	—		—			—											
1600	18.4		18.4			18.4											
1630	18.2		18.1			18.2											
1700	18.0		17.9			18.0											
1730	17.6		17.6			17.6											
1800	17.9		18.1			18.0											
1830	17.8		17.8			17.8											
1900	17.5		17.5			17.5											
1930	17.8		—			17.8											
2000	21.1		20.3			20.7											
2030	20.3		20.8			20.6											
2100	20.5		19.4			20.0											
2130	19.4		—			19.4											
2200	20.0		20.3			20.2											
2230	19.8		19.1			19.5	(19.4)										
2300	—		—			—											
2330	20.0		—			20.0											294.62 + 0 / 0.9483
2400	17.8		18.7			18.6	(18.5)										
	19.2		18.3														

CARBON DIOXIDE DAT STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 9 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

22.39 (39)
318.24

	A.H. ~~L1~~	~~L2~~	A.L. ~~L3~~	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	—		—			—											Ref. trace no good
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800	—		—			—											
0830																	Ran Ref gas span
0900																	clocks
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430	19.6		19.7			~~19.7~~	(19.6)										
1500	19.5		19.0			~~19.3~~	(19.2)										not enough data to
1530	19.3		19.0			19.2	✓										record minimum
1600	19.7		19.5			19.6											
1630	20.0		19.6			19.8											
1700	20.0		20.0			20.0											
1730	20.6		20.6			20.6											
1800	20.6		25.3			23.0											
1830	24.9		21.8			23.4											
1900	21.9		21.9			21.9											
1930	—		21.5			21.5											
2000	22.9		23.2			~~23.1~~	(23.0)										
2030	21.5		21.6			21.6											
2100	22.0		22.9			~~22.5~~	(22.4)										
2130	22.6		—			22.6											
2200	~~20.9~~		24.0			~~22.5~~	(22.4)										
2230	~~24.1~~		24.8			~~24.5~~	(24.4)										
2300	26.1		27.3			26.7											
2330	27.9		—			27.9											294.62 + D
2400	29.0		29.4			29.9											0.9483
	29.0		28.0														

CARBON DIOXIDE DAT STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 8 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

21.89 (32)
3/7/72

	L1 (AH.)	L2	L3 (A.L.)	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	18.	9	19.	9		19.4											
0100	19.	2	19.	8		19.5											
0130	20.	1	20.	0		20.1											
0200	19.	9	19.	4		~~19.7~~ (19.6)											
0230	18.	9	20.	0		~~19.5~~ (19.4)											No MINIMUM recorded
0300	20.	8	24.	6		22.7											not enough data for
0330	24.	0	25.	5		24.8											day
0400	25.	6	24.	1		~~24.9~~ (24.8)											
0430	23.	4	22.	8		23.1											
0500	22.	0	22.	8		22.4											
0530	22.	7	22.	6		~~22.7~~ (22.6)											
0600	22.	0	22.	4		22.2											
0630	22.	2	22.	8		22.5											
0700	22.	8	25.	0		23.9											
0730	23.	9	—			23.9											
0800	—		20.	8		20.8											
0830	19.	6	21.	1		20.4											
0900	—		—			—											Attempted Ref gas check
0930																	and Ref tracer no good
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700																	
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	29462 ± 5
2400																	0.9483

HN

CARBON DIOXIDE DAT[illegible] STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 7 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

18,58 (89)
314.22

	A.H. L1	A.H. L2	AL L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	25.1		—			25.1											
0100	—		26	5		26.5											
0130	—		27	4		27.4											
0200	28.7		27	5		28.1											
0230	—		26.	0		26.0											
0300	24	9	21.	9		23.4											
0330	21.	5	21.	4		~~21.5~~	(21.4)										
0400	21.	2	—			21.2											
0430	19.	5	19.	2		19.4											
0500	19.	2	—			19.2											
0530	16.	1	16	4		16.3	✓ (16.2)										
0600	16.	4	16.	4		16.4											
0630	16.	2	16.	5		16.4											
0700	16.	5	16.	7		16.6											
0730	16.	2	16.	8		16.5											
0800	—		16.	5		16.5											
0830	16	7	17.	0		~~16.9~~	(16.8)										
0900	16.	6	16	7		16.7	(16.6)										
0930	16.	9	16.	9		16.9											
1000	16.	9	16.	9		16.9											
1030	16.	9	17.	0		17.0											
1100	16	9	16.	7		16.8											
1130	16.	8	16.	9		~~16.9~~	(16.8)										
1200	17.	0	17.	0		17.0											
1230	17.	1	17.	4		~~17.3~~	(17.2)										
1300	16	9	17.	2		~~17.1~~	(17.0)										
1330	17.	1	17.	4		~~17.3~~	(17.2)										
1400	17.	0	17.	2		17.1											
1430	17.	1	17.	1		17.1											
1500	17.	0	16.	9		17.0											
1530	16.	8	16.	7		16.8											
1600	—		—			—											
1630	16.	5	16.	7		16.6											
1700	16.	6	16.	6		16.6											
1730	16	6	16.	5		16.6											
1800	16.	8	16.	5		~~16.7~~	(16.6)										
1830	16	4	16.	3		16.4											
1900	16.	4	17	5		17.0											
1930	17.	1	17.	3		17.2											
2000	17.	5	17.	2		17.4											
2030	17.	8	17.	8		17.8											
2100	17.	9	17.	6		17.8											
2130	18.	5	19.	0		18.8											
2200	18.	9	19.	0		19.0											
2230	18.	4	19.	1		18.8											
2300	18.	8	18.	0		18.4											
2330	18.	8	18.	8		18.8											29462 + 5
2400	19.	6	19.	0		19.2											0.5483
	H 18.8		19.2														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 6 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

20.03 (.97)

315.75

	L1 A.H.	L2	L3 A.L	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	20	5	19	8		20.2											
0100	19	9	20	6		~~20.3~~	(20.2)										
0130	20	7	21	0		~~20.9~~	(20.8)										
0200	21	1	22	1		21.6											
0230	22	4	21	9		22.2											
0300	21	8	21	5		~~21.7~~	(21.6)										
0330	20	9	20	2		20.6											
0400	20	1	20	2		20.2											
0430	20	1	21	8		21.0											
0500	22	5	22	9		22.7											
0530	21	9	22	4		22.2											
0600	22	7	24	0		~~23.8~~	23.4										
0630	24	7	25	3		25.0											
0700	25	6	26	3		26.0											
0730	26	3	27	8		~~27.1~~	(27.0)										
0800	~~21.7~~		~~23.0~~			—											
0830	21	9	23	0		~~22.5~~	(22.4)										
0900	21	9	21	5		21.7											
0930	21	9	23	6		22.8											
1000	22	6	25	0		23.8											
1030	—		22	1		22.1											
1100	21	2	21	0		21.1											
1130	—		19	6		19.6											
1200	19	4	—			19.4											
1230	17	3	17	8		17.6											
1300	17	9	18	3		18.1											
1330	18	2	18	6		18.4											
1400	18	3	18	3		18.3											
1430	18	3	18	5		18.4											
1500	18	6	18	7		~~18.7~~	(18.6)										
1530	17	7	18	1		17.9											
1600	17	7	17	7		17.7											
1630	17	6	17	3		~~17.5~~	(17.4)										
1700	17	5	17	2		17.4											
1730	17	9	17	4		~~17.7~~	(17.6)										
1800	16	9	16	9		16.9											
1830	17	1	19	0		~~17.1~~	(17.0)										
1900	17	0	16	6		16.8											
1930	16	9	16	7		16.8											
2000	16	9	17	2		~~17.1~~	(17.0)										
2030	17	1	18	8		18.0											
2100	18	5	18	4		~~18.5~~	(18.4)										
2130	18	4	17	9		18.2											
2200	20	2	18	9		19.6											
2230	19	5	18	9		19.2											
2300	19	3	20	0		~~19.7~~	(19.6)										
2330	20	1	19	8		20.0											29462 + 5
2400	19	5	18	6		19.2											0.9483
	19.2		—														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 5 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

23.94 (84)
319.88

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	20	8	24	1		~~23.5~~	(22.4)										
0100	25	6	25	0		25.3											
0130	24	6	24	7		~~24.7~~	(24.6)										
0200	—		26	0		26.0											
0230	27	0	28	8		27.9											
0300	28	8	—			28.8											
0330	22	1	23	9		23.0											
0400	25	8	24	1		25.0											
0430	—		29	5		29.5											
0500	29	1	30	3		29.7											
0530	30	4	30	0		30.2											
0600	28	8	26	7		27.8											
0630	25	6	25	9		25.8											
0700	—		—			—											
0730	—		—			—											Defrost - No Flow
0800	—		—			—											
0830	—		—			—											
0900	22	6	23	2		22.9											
0930	22	9	23	5		23.2											
1000	22	7	22	9		22.8											
1030	22	8	22	7		22.8											
1100	22	0	22	3		22.2											
1130	21	9	22	1		22.0											
1200	22	1	22	5		22.3											
1230	21	5	21	1		21.3											
1300	21	2	22	4		21.8											
1330	23	6	24	9		~~24.3~~	(24.2)										
1400	24	1	24	1		24.1											
1430	24	5	25	4		25.0											
1500	24	4	24	7		24.6											
1530	23	7	—			23.7											
1600	—		19	4		19.4											
1630	19	2	19	4		19.3											
1700	19	4	19	2		19.3											
1730	18	4	18	0		18.2											
1800	18	0	17	8		17.9											
1830	—		20	6		20.6											
1900	20	1	21	6		~~20.9~~	(20.8)										
1930	22	0	21	9		22.0											
2000	22	2	23	1		~~22.7~~	(22.6)										
2030	23	2	22	7		23.0											
2100	22	2	22	7		~~22.5~~	(22.4)										
2130	22	0	21	4		21.7											
2200	20	6	21	5		~~21.1~~	(21.0)										
2230	22	3	22	8		22.6											
2300	21	9	22	2		~~22.1~~	(22.0)										
2330	22	2	20	9		21.6											294.62 ÷ 5
2400	20	6	21	0		20.9											0.9483
	21	3	20	7													

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 30 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

24.28 (80)

320.24

	A.H. ~~#1~~	~~#2~~	A.L ~~#3~~	~~#4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	22	6	21	4		22.0											
0100	21	0	19	8		20.4											
0130	—		—			—											
0200	26	2	24	6		25.4											
0230	—		25	6		25.6											
0300	—		24	9		24.9											
0330	—		26	6		26.6											
0400	28	4	30	1		~~29.7~~	(29.2)										
0430	30	9	31	9		31.4											
0500	—		30	0		30.0											
0530	—		—			—											
0600	26	1	25	5		25.8											
0630	—		36	6		36.6											
0700	31	6	—			31.6											
0730	—		31	9		31.9											
0800	—		25	4		25.4											
0830	23	1	22	4		22.8											
0900	21	9	22	7		~~22.3~~	(22.4)										
0930	22	0	24	9		~~23.5~~	(27.4)										
1000	25	6	24	9		25.3	(25.2)										
1030	—		26	9		26.9											
1100	27	5	29	7		28.6											
1130	27	5	26	0		26.8											
1200	25	6	24	4		25.0											
1230	—		23	9		23.9											
1300	24	0	22	7		23.4											
1330	21	4	20	0		20.7											
1400	20	3	20	8		20.6											
1430	20	6	20	9		20.8											
1500	20	0	20	8		20.4											
1530	20	3	20	9		20.6											
1600	21	3	20	8		~~21.1~~	(21.0)										
1630	19	9	18	9		19.4											
1700	19	0	19	5		~~19.3~~	(19.2)										
1730	19	1	19	2		19.2											
1800	19	0	—			19.0											
1830	20	6	20	4		20.5											
1900	21	9	23	6		22.8											
1930	—		22	1		22.1											
2000	21	7	22	0		~~21.9~~	(21.8)										
2030	22	5	21	3		21.9											
2100	20	9	—			20.9											
2130	—		23	4		23.4											
2200	21	9	—			21.9											
2230	24	2	29	5		~~26.9~~	(26.8)										
2300	—		23	4		23.4											
2330	26	3	27	1		26.7											294.62 ÷ 5
2400	28	3	28	2		29.0	(28.8)										0.9483
	~~27.5~~ 30.6		29.0 ~~29.9~~														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 2 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

21.78 (55)

317.60

	A.H. L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	20.2		20.8			20.5											
0100	21.9		20.2			21.1	(21.0)										
0130	20.7		21.3			21.0											
0200	—		18.0			18.0											
0230	18.8		18.0			18.4											
0300	18.8		18.5			18.7	(18.6)										
0330	19.8		20.0			19.9											
0400	20.4		20.0			20.2											
0430	20.9		22.9			21.9											
0500	—		27.6			27.6											
0530	27.1		27.2			27.2											
0600	26.0		30.1			28.1	(28.0)										
0630	29.4		33.4			31.4											
0700	—		36.8			36.8											
0730	36.1		—			36.1											
0800	—		—			—											DEFROSTED FREEZER
0830	—		—			—											
0900	—		—			—											
0930	—		—			—											
1000	—		—			—											OPEN DOOR & Analyser
1030	25.5		26.2			25.9	(25.8)										
1100	—		—														OPENED Analyser Door for repair
1130	—		—														
1200	20.9		21.4			21.2											
1230	20.6		20.5			20.6											
1300	—		—			—											OPENED DOOR FOR ADJUSTMENT
1330	—		—			—											
1400	—		—			—											
1430	—		—			—											
1500	—		—			—											
1530	—		—			—											
1600	—		—			—											
1630	—		—			—											
1700	—		17.1			17.1											
1730	16.1		16.6			16.4											
1800	16.5		16.8			16.7	(16.6)										
1830	16.8		16.8			16.8											
1900	16.5		17.0			16.8											
1930	17.4		—			17.4											
2000	—		20.2			20.2											
2030	21.6		—			21.2	(21.6)										
2100	21.2		20.7			21.0											
2130	19.8		19.5			19.7	(19.6)										
2200	19.6		19.4			19.5											
2230	19.3		—			19.3											
2300	20.9		20.4			20.7	(20.6)										
2330	—		19.9			19.9											29.62 + 5
2400	—		—			—											0.9483

HN — —

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 1 Oct 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

17.1 (86)
312.67

	A.H. L1	A.H. L2	A.L. L3	A.L. L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	17.3		17.0			17.2											
0100	17.2		17.7			17.5 (17.4)											
0130	17.6		19.8			18.7											
0200	19.6		19.8			19.7											
0230	—		16.0			16.0											
0300	16.0		15.5			15.8											
0330	15.5		15.1			15.3											
0400	15.0		15.0			15.0											
0430	14.8		14.7			14.8											
0500	14.6		14.6			14.6											
0530	14.4		14.4			14.4											
0600	14.9		14.9			14.9											
0630	14.9		15.1			15.0											
0700	14.9		18.4			~~16.7~~ (16.6)											
0730	18.4		18.9			~~18.7~~ (18.6)											
0800	19.4		19.6			19.5											
0830	18.8		18.4			18.6											
0900	17.4		17.6			17.5											
0930	17.0		18.0			17.5											
1000	17.0		15.9			~~16.5~~ (16.4)											
1030	15.4		15.4			15.4											
1100	15.5		15.5			15.5											
1130	15.3		15.4			15.4											
1200	15.6		15.1			15.4											
1230	15.4		15.6			15.5											
1300	15.4		15.5			~~15.5~~ (15.4)											
1330	15.4		15.4			15.4											
1400	15.5		15.6			15.5											
1430	15.5		15.5			15.5											
1500	15.5		15.5			15.5											
1530	—		—			—											
1600	—		—			—											Analyser Open
1630	—		—			—											
1700	14.0		15.4			14.7											
1730	14.6		15.0			14.8											
1800	15.0		15.4			15.2											
1830	15.0		15.2			15.1											
1900	—		19.5			19.5											
1930	19.6		17.4			18.5											
2000	17.4		17.5			~~17.5~~ (17.4)											
2030	16.7		17.1			16.9											
2100	17.6		19.4			18.5											
2130	—		22.2			22.2											
2200	22.1		21.1			21.6											
2230	19.0		—			19.0											
2300	24.1		—			24.1											
2330	—		23.0			23.0											294.62 + σ
2400	23.0		21.5			21.4											0.9483
	20.9		20.0														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 30 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

16.22 (100)
311.73

	A.H. L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	16.0		16.3			16.2											
0100	15.9		16.2			16.1	(16.0)										
0130	16.2		16.3			16.3	(16.2)										
0200	16.4		16.0			16.2											
0230	15.9		16.0			16.0											
0300	17.9		17.5			17.7											
0330	17.3		17.8			17.6											
0400	17.5		17.1			17.3											
0430	17.3		17.2			17.3	(17.2)										
0500	16.6		17.4			17.0											
0530	17.8		19.9			18.9	(18.8)										
0600	19.3		17.7			18.5											
0630	17.7		17.5			17.6											
0700	15.6		15.9			15.8											
0730	15.7		15.6			15.7	(15.6)										
0800	16.1		15.8			16.0											
0830	15.9		15.9			15.9											
0900	15.7		16.0			15.9	(15.8)										
0930	15.6		15.7			15.7	(15.6)										
1000	16.0		15.9			16.0											
1030	15.9		16.2			16.1	(16.0)										
1100	16.0		16.0			16.0											
1130	16.4		16.1			16.3	(16.2)										
1200	15.9		15.9			15.9											
1230	16.3		15.9			16.1											
1300	16.0		15.9			16.0											
1330	15.9		15.7			15.8											
1400	15.9		15.7			15.8											
1430	16.2		15.6			15.9											
1500	15.9		16.0			16.0											
1530	16.0		15.7			15.9	(15.8)										
1600	16.0		15.5			15.8											
1630	15.7		15.2			15.5	(15.4)										
1700	15.6		15.4			15.5											
1730	15.9		15.6			15.8											
1800	15.9		15.6			15.8											
1830	15.7		15.6			15.7	(15.6)										
1900	16.0		15.7			15.9	(15.8)										
1930	16.0		15.9			16.0											
2000	16.1		15.9			16.0											
2030	16.5		16.1			16.3											
2100	16.2		15.5			16.4	(15.8)										
2130	15.7		15.7			15.7											
2200	15.8		15.8			15.8											
2230	15.6		16.1			15.9	(15.8)										
2300	15.9		16.1			16.0											
2330	15.9		16.0			16.0											29462 + 0 / 0.9483
2400	16.1		16.5			16.7											
	17.3		15.8														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 29 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 95 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

16.75 (90)
312.29

	A.H. L1	A.H. L2	A.L. L3	A.L. L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	17.8		17.6			17.7											
0100	17.6		16.6			17.1											
0130	17.1		16.5			16.8											
0200	17.0		16.6			16.8											
0230	16.7		16.9			16.8											
0300	16.9		17.0			17.0											
0330	16.6		16.8			16.7											
0400	16.7		16.9			16.8											
0430	16.9		16.3			16.6											
0500	16.7		16.7			16.7											
0530	16.5		16.4			~~16.5~~	(16.4)										
0600	16.5		16.7			16.6											
0630	16.8		16.6			16.7											
0700	16.6		16.5			16.6											
0730	16.6		16.6			16.6											
0800	—		—			—											Defrosted Freezer
0830	—		—			—											
0900	—		—			—											
0930	16.6		16.7			~~16.7~~	(16.6)										
1000	16.1		16.2			16.2											
1030	16.3		16.3			16.3											
1100	16.8		16.9			~~16.9~~	(16.8)										
1130	16.0		16.3			16.2											
1200	16.4		16.4			16.4											
1230	16.0		16.0			16.0											
1300	16.2		15.6			15.9	✓										
1330	16.9		16.6			16.8											
1400	16.4		16.2			16.3											
1430	16.4		16.4			16.4											
1500	16.4		15.9			16.2											
1530	16.0		15.9			16.0											
1600	—		—			—											
1630	16.6		16.3			~~16.5~~	(16.4)										
1700	16.6		16.9			16.8											
1730	16.6		16.0			16.3											
1800	17.1		17.2			17.2											
1830	17.0		16.9			17.0											
1900	17.1		17.3			17.2											
1930	17.6		20.9			~~18.5~~	19.2										
2000	19.6		19.9			19.8											
2030	19.8		18.4			19.1											
2100	18.2		16.6			17.4											
2130	16.6		16.3			~~16.5~~	(16.4)										
2200	16.7		16.4			16.6											
2230	16.5		16.2			16.4											
2300	16.9		16.7			16.8											
2330	16.3		16.4			16.4											294.62 + 5
2400	16.1		16.0			16.1											299.62
AN	16.1		16.1														

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 28 SEPT. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

17.35 (.53)
312.92

	A.H L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	out of order
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930	17.0		16.9			17.0											
1000	17.0		—			17.0											
1030																	disregard looking for
1100																	shock mount nos.
1130	—		17.0			17.0											
1200	18.1		17.3			17.7											
1230	17.0		17.0			17.0											
1300	17.3		18.4			17.9	(17.8)										
1330	17.4		17.3			17.4											
1400	17.0		17.0			17.0											
1430	17.3		17.0			17.2											
1500	17.2		17.2			17.2											
1530	17.2		16.1			16.7	(16.6)										
1600	~~17~~		17.4			17.4											
1630	17.3		17.4			17.4											
1700	17.2		17.2			17.2											
1730	17.8		15.8			16.8											
1800	17.8		17.4			17.6											
1830	17.4		17.1			17.3	(17.2)										
1900	17.5		17.5			17.5											
1930	17.8		17.6			17.7											
2000	17.5		17.6			17.6											
2030	17.6		17.5			17.6											
2100	17.6		17.8			17.7											
2130	17.5		17.5			17.5											
2200	17.6		17.6			17.6											
2230	17.8		17.6			17.7											
2300	17.8		17.5			17.7	(17.6)										
2330	17.2		17.2			17.2											294.62 ÷ 5
2400	17.3		17.5			17.4											58.9483

HN

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 27 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

16.58 (14)
3/2.11

	A.H. ~~L1~~	~~L2~~	A.L ~~L3~~	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	16.3		16.6			~~16.5~~ 16.4											
0100	16.6		16.6			16.6											
0130	16.1		16.1			16.1											
0200	16.0		17.0			16.5											
0230	17.0		16.6			16.8											
0300	16.3		16.9			16.6											
0330	17.0		17.0			17.0											OUT OF ORDER
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700																	
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	
2400																	

29462 + 0
29483

HN

CARBON DIOXIDE DATA STATION 810 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 26 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

18.79 (95)
314.45

	A.H ~~L1~~	~~L2~~	A.L ~~L3~~	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	21.	2	21.	2		21.2											
0100	21.	3	20.	8		21.1	(21.0)										
0130	21.	3	21.	6		21.5	(21.4)										
0200	21.	8	21.	7		21.8											
0230	22.	9	23.	2		23.1	(23.0)										
0300	22.	6	21.	0		21.8											
0330	19.	5	19.	6		19.6											
0400	19.	4	19.	4		19.4											
0430	20.	0	19.	3		19.7	(19.6)										
0500	19.	5	19.	4		19.5											
0530	19.	0	—			19.0											
0600	19.	5	19.	0		19.3	(19.2)										
0630	19.	2	18.	5		19.4	(18.8)										
0700	18.	5	19.	1		18.8											
0730	20.	2	18.	8		19.5											
0800	20.	5	19.	9		20.2											
0830	20.	6	—			20.6											
0900	—		18.	9		18.9											
0930	18.	3	18.	4		18.4											
1000	18.	5	18.	5		18.5											
1030	18.	5	18.	5		18.5											
1100	18.	6	19.	0		18.8											
1130	19.	1	19.	0		19.1	(19.0)										
1200	18.	8	19.	0		18.9											
1230	19.	0	18.	8		18.9											
1300	18.	5	19.	0		18.8											
1330	19.	0	19.	0		19.0											
1400	18.	9	19.	0		19.0											
1430	19.	0	18.	8		18.9											
1500	18.	5	18.	5		18.5											
1530	18.	6	18.	5		18.6											
1600	18.	5	18.	6		18.6											
1630	17.	5	18.	6		18.1	(18.0)										
1700	18.	0	17.	4		17.7											
1730	17.	5	16.	5		17.0											
1800	16.	9	16.	5		16.7											
1830	16.	7	16.	4		16.6											
1900	—		18.	2		18.2											
1930	17.	9	17.	3		17.6											
2000	17.	2	16.	9		17.1	(17.0)										
2030	16.	9	17.	4		17.2											
2100	17.	5	17.	6		17.6											
2130	17.	5	17.	0		17.3	(17.2)										
2200	17.	0	17.	4		17.2											
2230	17.	2	17.	5		17.4											
2300	16.	9	17.	0		17.0											
2330	17.	1	16.	7		16.9											294.62 + 5
2400	17.	1	16.	5		16.7	(16.6)										0.9483
	~~16.~~ 5		16.	5													

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 25 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

20.13 (9 b)
315.86

	D1	D2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
	AH.		AL														
0030	20.1		20.4			20.3	(20.2)										
0100	20.5		20.2			20.4											
0130	20.5		20.0			20.3	(20.2)										
0200	20.2		20.2			20.2											
0230	20.2		20.2			20.2											
0300	20.1		20.2			20.2											
0330	19.9		19.0			19.5	(19.4)										
0400	19.5		20.5			20.0											
0430	20.3		20.0			20.2											
0500	20.5		20.1			20.3											
0530	19.6		20.1			19.9	(19.8)										
0600	20.6		20.9			20.8											
0630	—		—			—											REF GN TRACE NO GOOD
0700	20.5		20.5			20.5											
0730	20.3		21.0			20.7	(20.6)										
0800	20.4		20.9			20.7	(20.6)										
0830	20.7		20.5			20.6											
0900	20.7		20.6			20.7	(20.6)										
0930	20.2		20.2			20.2											
1000	20.2		20.0			20.1											
1030	20.0		19.5			19.8											
1100	19.6		20.2			19.9											
1130	19.8		20.0			19.9											
1200	19.5		19.5			19.5											
1230	19.8		19.5			19.7	(19.6)										
1300	19.8		19.8			19.8											
1330	20.0		20.2			20.1											
1400	20.0		20.0			20.0											
1430	—		—			—											
1500	—		19.3			19.3											
1530	19.8		19.4			19.6											
1600	19.9		19.4			19.7	(19.6)										
1630	—		—			—											AL "
1700	18.6		18.8			18.7											
1730	18.9		19.0			19.0											
1800	20.1		18.9			19.5											
1830	19.0		19.5			19.3	(19.2)										
1900	19.2		18.9			19.1	(19.0)										
1930	19.2		19.1			19.2											
2000	19.5		19.5			19.5											
2030	19.6		19.8			19.7											
2100	20.3		20.6			20.5	(20.4)										
2130	21.4		21.5			21.5	(21.4)										
2200	21.9		21.5			21.7											
2230	21.8		21.9			21.9	(21.8)										
2300	21.6		22.0			21.8											
2330	22.0		21.6			21.8											294.62 + 0
2400	21.1		20.2			20.7											0.9483
	20.8		20.6														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 24 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

19.46 (93)
315.15

	A.H. L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	18.3		—			18.3											
0100	17.5		18.7			18.6											
0130	18.0		18.7			18.4											
0200	17.9		18.4			18.2											
0230	18.6		19.3			19.0											
0300	19.6		20.4			20.0											
0330	19.2		19.5			19.4											
0400	19.5		18.9			19.2											
0430	18.3		18.6			18.5	(18.4)										
0500	18.9		19.0			19.0											
0530	18.8		20.2			19.5											
0600	20.1		20.9			20.5											
0630	20.1		20.0			20.1	(20.0)										
0700	—		—			—											REF TRACE NO GOOD
0730	18.8		19.0			18.9											
0800	18.6		19.5			19.1	(19.0)										
0830	18.6		18.9			18.8											
0900	19.5		20.8			20.2											
0930	22.0		24.0			23.0											
1000	23.2		22.4			22.8											
1030	22.2		22.4			22.3											
1100	22.2		23.2			22.8	(22.7)										
1130	22.8		—			22.8											
1200	22.6		21.4			22.0											
1230	21.4		21.6			21.5											
1300	22.0		21.0			21.5											
1330	18.5		18.3			18.4											
1400	18.3		18.4			18.4											
1430	18.7		18.2			18.5	(18.4)										
1500	—		—			—											" "
1530	18.0		18.3			18.2											
1600	17.9		18.1			18.0											
1630	17.6		17.4			17.5											
1700	17.6		18.0			17.8											
1730	17.5		18.0			17.8											
1800	17.9		18.4			18.2											
1830	18.8		18.9			18.9	(18.8)										
1900	18.4		—			18.4											
1930	18.8		18.8			18.8											
2000	18.6		18.8			18.7											
2030	18.6		18.6			18.6											
2100	19.1		18.6			18.9	(18.8)										
2130	18.9		18.9			18.9											
2200	19.0		19.0			19.0											
2230	19.3		19.8			19.6											
2300	19.5		19.6			19.6											
2330	19.5		19.8			19.7	(19.6)										294.62 + 5
2400	20.0		20.1			20.3											0.9483
	20.3		20.3														
	20.7		20.15														

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 23 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

18.02 (82)

313.63

	A.H. ~~L1~~	~~L2~~	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	18.5		18.0			18.3 (18.2)											
0100	18.9		19.0			19.0	19.1										
19.3 0130	~~19.3~~		~~19.1~~			19.2											
0200	20.0		19.8			19.9											
0230	20.5		19.8			20.2											
0300	19.2		19.3			19.3 (19.2)											
0330	—		18.3			18.3											
0400	18.0		18.0			18.0											
0430	19.2		19.5			19.4											
0500	—		19.0			19.0											
0530	—		—			—											REF GAS TRACE IN GOOD
0600	18.6		18.5			18.6											
0630	18.5		19.2			18.9 (18.8)											
0700	18.7		—			18.7											
0730	—		—			—											
0800	—		—			—											
0830	—		—			—											
0900	17.8		17.5			17.7 (17.6)											
0930	18.0		17.4			17.7											
1000	16.9		16.7			16.8											
1030	16.6		16.6			16.6											
1100	16.6		16.8			16.7											
1130	16.6		16.6			16.6											
1200	16.5		16.5			16.5											
1230	16.9		17.4			17.2											
1300	17.0		17.1			17.1 (17.0)											
1330	17.0		17.1			17.1 (17.0)											
1400	17.3		17.4			17.4											
1430	17.4		17.0			17.2											
1500	17.0		17.1			17.1 (17.0)											
1530	—		16.9			16.9											
1600	—		—			—											" "
1630	—		—			—											" "
1700	17.0		16.5			16.8											" "
1730	16.9		16.9			16.9											
1800	16.7		16.4			16.6											
1830	16.8		16.8			16.8											
1900	16.9		16.7			16.8											
1930	16.8		18.9			17.9 (17.8)											
2000	19.3		19.2			19.3 (19.2)											
2030	18.2		18.4			18.3											
2100	18.5		18.4			18.5 (18.4)											
2130	18.6		18.7			18.7 (18.6)											
2200	20.3		19.2			19.8											
2230	19.5		18.8			19.2											
2300	18.6		18.4			18.5											
2330	18.9		19.3			19.1											29462 + 5
2400	18.7		20.4			18.8 (19.2)											0.9483
	18.4		18.3														

CARBON DIOXIDE DATA STATION 510 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 22 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

17.08(79)
3/2/64

	A.H L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	16.	6	16.	4		16.5											
0100	17.	0	16.	6		16.8											
0130	17.	5	17.	9		17.7											
0200	17.	9	17.	9		17.9											
0230	18.	2	18.	5		18.4											
0300	17.	2	16.	8		17.0											
0330	16.	6	16.	9		16.8											
0400	16.	8	17.	0		16.9											
0430	~~17.~~	~~0~~	~~18.~~	~~0~~		—											REF GAS TRACE NO COUL
0500	17.	3	16.	3		16.8											
0530	~~16.~~	~~3~~	~~15.~~	~~6~~		—											" "
0600	15.	9	16.	0		16.0											
0630	—		17.	1		17.1											
0700	16.	0	17.	2		16.6											
0730	~~16.~~	~~8~~	~~17.~~	~~5~~		—											" "
0800	17.	8	18.	3		~~18.1~~ (18.0)											
0830	~~19.~~	~~5~~	~~18.~~	~~4~~		—											" "
0900	~~16.~~	~~0~~	16.	7		16.7											" "
0930	16.	4	15.	5		16.0											
1000	~~19.~~	~~7~~	17.	7		17.7											" "
1030	16.	5	16.	8		~~16.7~~ (16.6)											
1100	17.	0	16.	5		16.8											
1130	16.	3	16.	9		16.6											
1200	16.	7	16.	7		16.7											
1230	16.	7	16.	8		16.8											
1300	17.	0	16.	7		~~16.9~~ (16.8)											
1330	17.	0	16.	8		16.9											
1400	17.	1	17.	2		17.2											
1430	~~16.~~	~~4~~	~~19.~~	~~8~~		—											" "
1500	16.	5	16.	6		16.6											
1530	16.	0	15.	5		15.8 ✓											
1600	16.	5	16.	8		~~16.7~~ (16.6)											
1630	~~14.~~	~~9~~	~~17.~~	~~9~~		—											" "
1700	16.	5	16.	8		~~16.7~~ (16.6)											
1730	~~17.~~	~~9~~	~~17.~~	~~5~~		—											" "
1800	17.	6	17.	4		17.5											
1830	16.	2	16.	5		16.4											
1900	16.	5	16.	0		~~16.3~~ (16.2)											
1930	19.	3	18.	5		18.9											
2000	18.	1	18.	0		18.1 (18.0)											
2030	17.	9	17.	2		17.6											
2100	17.	5	17.	3		17.4											
2130	16.	5	18.	0		~~17.3~~ (17.2)											
2200	19.	2	17.	7		18.5 (18.4)											
2230	17.	2	16.	7		17.0											
2300	18.	0	17.	2		17.6											
2330	17.	1	17.	5		17.3											294.62 + σ
2400	18.	0	17.	3		~~17.7~~ (17.6)											0.948

HN

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 21 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

16.06 16.08 (-84) 311.58

	A.H ~~L1~~	~~L2~~	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	16.0		15.6			15.8											REF. GAS TRACE
0100	16.0		16.0			16.0											unsteady
0130	16.4		15.8			16.1											
0200	15.6		15.9			15.8											
0230	15.9		16.5			16.2											
0300	16.5		15.7			16.1											
0330	16.1		15.8			16.0											
0400	16.5		15.3			15.4											
0430	16.2		15.7			16.0											
0500	~~15.7~~		~~17.5~~			—											" "
0530	16.9		16.6			16.8											
0600	17.1		16.4			16.8											
0630	16.0		15.8			15.9											
0700	15.6		15.8			15.7											
0730	15.8		16.0			159											
0800	15.6		15.6			15.6											
0830	15.5		15.6			15.6											
0900	14.9		15.5			15.2											
0930	15.5		15.5			15.5											
1000	15.3		15.9			15.6											
1030	15.9		15.6			15.8											
1100	16.0		16.2			16.1											
1130	16.0		15.9			16.0											
1200	16.0		16.6			16.3											
1230	16.2		17.1			16.7	(16.6)										
1300	16.6		16.8			16.7											
1330	16.6		16.8			16.7											
1400	16.1		16.2			16.2											
1430	15.7		15.6			15.7	(15.6)										
1500	13.5		15.7			14.6											
1530	15.7		14.8			15.3	(15.2)										
1600	15.2		16.7			16.0											
1630	14.4		15.6			15.0											
1700	~~14.5~~		~~13.4~~			—											" "
1730	—		—			—											
1800	15.8		15.6			15.7											
1830	~~15.9~~		~~15.6~~			—											" "
1900	15.8		15.5			15.7	(15.6)										
1930	15.5		15.5			15.5											
2000	15.2		17.5			16.4											
2030	18.1		17.8			18.0											
2100	18.7		17.9			18.3											
2130	~~17.5~~		~~19.0~~			—											" "
2200	~~20.6~~		~~20.4~~			—											" "
2230	17.0		17.2			17.1											
2300	18.0		16.9			17.0											
2330	16.0		16.3			16.2											294.62 ÷ 5
2400	16.0		15.5			16.2											0.9483
	~~16.0~~		16.0			÷16.5	(16.3)										

114-9 —

CARBON DIOXIDE DATA STATION S/O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 20 SEPT. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

16.27 (30)
311.79

	~~L1~~ AH	~~L2~~	~~L3~~ A.L	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	REF GAS OFF
0830																	
0900																	NO FLOW
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700	15.9		14.9			15.4											
1730	15.1		15.0			15.1	✓ (15.0) not used										
1800	~~15.2~~		~~14.0~~			—											REF GAS TRACE NO good
1830	14.8		18.0			16.4											
1900	16.6		15.6			16.1											
1930	16.9		18.3			17.6											
2000	14.9		17.6			16.3	(16.2)										
2030	17.0		16.2			16.6											
2100	15.6		16.1			15.9	(15.8)										
2130	16.3		16.3			16.3											
2200	16.7		16.4			16.6											
2230	18.4		16.0			17.2											
2300	17.7		16.0			16.9	(16.8)										
2330	16.4		15.9			16.2											29462 + 5
2400	16.0		15.5			15.9	(15.8)										29465
	15.8		16.0														

CARBON DIOXIDE DAT[illegible] STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 18 SEPT. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

15.87 (49)
311.36

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	14.4		14.5			14.5	(14.4)										
0100	14.6		14.9			14.8											
0130	14.5		14.5			14.5											
0200	14.9		14.8			14.9	(14.8)										
0230	14.3		14.4			14.4											
0300	14.4		14.4			14.4											
0330	14.5		17.0			15.8											
0400	15.4		16.0			15.7											
0430	16.4		16.6			16.5											
0500	17.0		16.0			~~16.5~~	16.5										
0530	15.8		16.0			15.9											
0600	16.5		16.6			16.6											
0630	17.1		16.8			17.0											
0700	16.6		17.5			~~17.1~~	(17.0)										
0730	~~14.9~~		~~17.1~~			—											REF GAS TRACE No Good
0800	~~17.2~~		~~17.6~~			—											" "
0830	15.8		18.1			17.0											
0900	17.8		18.8			18.3											
0930	17.0		17.9			~~17.5~~	(17.4)										
1000	18.5		19.1			18.8											
1030	18.5		18.9			18.7											
1100	~~19.1~~		~~18.4~~			—											" "
1130	~~17.6~~		—			—											
1200	—		~~16.0~~			—											" "
1230	15.0		15.5			~~15.3~~	(15.2)										
1300	14.5		14.5			14.5											
1330	15.0		14.0			14.5											
1400	15.1		14.6			~~14.9~~	(14.8)										
1430	14.0		13.9			14.0											
1500	15.1		—			15.1											REF TURNED OFF
1530																	
1600																	
1630																	
1700																	
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	29462 + 5
2400																	0.9483

HN

CARBON DIOXIDE DATA STATION 810 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 17 SEPT. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

13.91 (87)
309.30

	L1 A.H	L2	L3 A.L	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	13.1		13.1			13.1											
0100	13.3		13.2			13.3	(13.2)										
0130	13.4		13.3			13.4											
0200	13.5		13.6			13.6											
0230	13.8		13.8			13.8											
0300	13.4		14.0			~~14.7~~	(13.7)										
0330	13.4		13.8			13.6											
0400	13.7		13.5			13.6											
0430	13.4		13.6			13.5											
0500	13.6		14.0			13.8											
0530	13.8		13.6			13.7											
0600	13.3		13.8			13.6											
0630	14.6		—			14.6											Defrost Freezer - No Flow
0700	—					—											
0730	—		—			—											
0800	13.0		13.2			13.1											
0830	13.0		13.4			13.2											
0900	13.2		13.9			13.6											
0930	13.5		13.6			13.6											
1000	13.8		13.7			13.8											
1030	13.6		14.0			13.8											
1100	13.9		13.5			13.7											
1130	13.8		14.8			14.3											
1200	14.0		13.8			13.9											
1230	13.9		14.4			14.2											
1300	—		13.7			13.7											
1330	~~13.9~~		~~13.9~~			—											REF GAS TRACE NO GOOD
1400	14.9		12.6			13.8											
1430	~~13.6~~		~~14.2~~			—											REF GAS TRACE NO GOOD
1500	14.5		—			14.5											
1530	~~16.8~~		~~13.5~~			—											REF GAS TRACE NO GOOD
1600	13.8		13.6			13.7											
1630	~~15.8~~		14.0			14.0	(13.9)										
1700	14.0		14.0			14.0											
1730	14.0		14.4			14.2											
1800	14.4		14.0			14.2											
1830	14.3		14.4			14.4											
1900	14.0		14.5			14.3	(14.2)										
1930	14.0		14.4			14.2											
2000	14.1		14.6			14.4											
2030	14.3		14.9			14.6											
2100	14.4		14.1			14.3	(14.2)										
2130	14.2		14.3			14.3	(14.2)										
2200	14.8		14.4			14.6											
2230	14.3		14.3			14.3											
2300	14.2		14.3			14.3	(14.2)										
2330	14.6		14.0			14.3											294.62 + 0
2400	14.4		14.5			14.5	(14.4)										0.9483
	14.5		14.2														

3.8

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 16 Sept 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

14.17 (95)
309.57

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	15.5		16.5			16.0											
0100	14.8		16.0			15.4											
0130	14.8		15.1			15.0											
0200	15.8		16.2			16.0											
0230	15.7		14.0			14.9	(14.8)										
0300	15.3		14.4			14.9	(14.8)										
0330	14.5		14.6			14.6											
0400	14.2		14.5			14.4											
0430	13.7		14.0			13.9											
0500	13.7		13.9			13.8											
0530	13.9		13.5			13.7											
0600	13.6		13.9			13.8											
0630	13.0		13.7			13.4											
0700	13.4		13.5			13.5	(13.4)										
0730	13.2		13.6			13.4											
0800	12.0		12.9			12.5	(12.4)										
0830	13.6		13.8			13.7											
0900	11.9		—			11.9											
0930	13.9		14.0			14.0											
1000	13.5		13.9			13.7											
1030	14.6		13.9			14.3	(14.2)										
1100	14.0		14.3			14.2											
1130	14.0		14.1			14.1	(14.0)										
1200	14.0		14.5			14.3	(14.2)										
1230	13.9		14.0			14.0											
1300	14.0		14.3			14.2											
1330	14.0		13.9			14.0											
1400	14.0		14.1			14.1	(14.0)										
1430	14.6		13.5			14.1	(14.0)										
1500	13.6		13.8			13.7											
1530	13.8		13.8			13.8											
1600	13.9		14.0			14.0											
1630	13.5		13.8			13.7	(13.6)										
1700	13.5		13.8			13.7	(13.6)										
1730	14.0		14.5			14.3	(14.2)										
1800	14.6		14.5			14.6											
1830	14.7		14.9			14.8											
1900	15.0		15.0			15.0											
1930	15.1		15.0			15.1	(15.0)										
2000	14.6		15.0			14.8											
2030	14.9		15.9			15.4											
2100	15.0		14.9			15.0											
2130	14.1		14.0			14.1	(14.0)										
2200	15.2		15.5			15.4											
2230	13.2		13.5			13.4											
2300	13.2		14.5			13.9	(13.8)										
2330	—		—			—											
2400	13.0		13.1			13.1	(13.0)										
	13.0		13.0														

294.62 ÷ 0.9483

CARBON DIOXIDE DA[illegible] STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 15 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

14.64 (96)

3/0.07

	A.H. L1	L2	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	13.3		13.3			13.3	✓										
0100	13.4		16.0			14.7											
0130	15.6		15.0			15.3											
0200	15.7		16.0			15.9	(15.8)										
0230	16.1		16.3			16.2											
0300	15.8		15.9			15.9	(15.8)										
0330	15.0		14.6			14.8											
0400	15.4		15.4			15.4											
0430	15.5		16.1			15.8											
0500	16.0		15.0			15.5											
0530	14.9		15.0			15.0											
0600	14.7		14.2			14.5	(14.4)										
0630	14.1		13.5			13.7	(13.8)										
0700	13.9		14.1			14.0											
0730	13.7		14.0			13.9											
0800	13.9		14.5			14.2											
0830	14.0		14.4			14.2											
0900	13.5		14.1			13.8											
0930	13.5		13.2			13.4	✓										
1000	14.1		14.4			14.3	(14.2)										
1030	14.4		13.1			13.8											
1100	14.6		14.2			14.4											
1130	14.4		14.1			14.3	(14.2)										
1200	14.1		14.6			14.4											
1230	15.1		15.0			15.1	(15.0)										
1300	14.1		14.2			14.2											
1330	14.2		14.8			14.5											
1400	14.6		14.5			14.6											
1430	14.8		14.0			14.4											
1500	14.0		14.5			14.3	(14.2)										
1530	13.9		14.1			14.0											
1600	14.0		13.9			14.0											
1630	14.0		13.6			13.8											
1700	14.0		14.3			14.2											
1730	14.0		14.1			14.1	(14.0)										
1800	14.3		15.5			14.9											
1830	15.7		15.5			15.6											
1900	15.5		15.5			15.5											
1930	17.2		14.8			16.0											
2000	14.5		13.9			14.2											
2030	14.4		14.5			14.5	(14.4)										
2100	14.1		14.6			14.4	(14.4)										
2130	14.5		14.5			14.5											
2200	13.6		14.2			13.9											
2230	13.8		13.1			13.5	(13.4)										
2300	13.8		16.2			15.0											
2330	16.0		16.5			16.3	(16.2)										294.62 ± 0
2400	16.8		16.4			16.6											0.9483

HN

CARBON DIOXIDE D[illegible] STATION S/O Pier Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 14 Sept 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

15.70 (98)
311.79

	A.H L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	17	7	18	0		17.9	(17.8)										
0100	18	0	17	9		18.0											
0130	17	6	18	0		17.8											
0200	18	9	18	4		18.7	(18.6)										
0230	18	4	18	0		18.2											
0300	17	8	17	5		17.7	(17.6)										
0330	17	3	18	2		17.7											
0400	18	4	17	8		18.1											
0430	17	5	17	1		17.3											
0500	18	0	16	8		17.4											
0530	17	0	17	7		17.4											
0600	17	4	17	8		17.6											
0630	—		—			—											
0700	—		15	5		15.5											
0730	15	8	15	8		15.8											
0800	15	9	16	0		16.0											
0830	15	8	15	9		15.9	(15.8)										
0900	15	5	15	8		15.7	(15.6)										
0930	15	5	16	2		15.9	(15.8)										
1000	16	0	15	5		15.8											
1030	15	6	16	5		16.1	(16.0)										
1100	16	0	16	1		16.1	(16.0)										
1130	15	9	15	7		15.8											
1200	15	8	15	4		15.6											
1230	15	7	16	0		15.9	(15.8)										
1300	15	5	15	7		15.6											
1330	15	6	15	6		15.6											
1400	14	9	16	2		15.6											
1430	15	0	15	0		15.0											
1500	15	2	15	4		15.3											
1530	15	8	15	5		15.7	(15.6)										
1600	15	3	15	0		15.2											
1630	15	2	15	5		15.4											
1700	15	2	14	9		15.1	(15.0)										
1730	15	1	14	9		15.0											
1800	15	0	14	6		14.8											
1830	14	8	15	0		14.9											
1900	15	0	14	9		15.0											
1930	14	1	14	4		14.3	(14.2)										
2000	14	2	13	6		13.9											
2030	13	7	14	0		13.9	(13.8)										
2100	13	9	13	9		13.9											
2130	14	7	13	6		14.2											
2200	14	1	13	4		13.8											
2230	13	8	14	1		14.0											
2300	13	6	14	0		13.8											
2330	13	6	13	4		13.5											294.62 + 0 / 0.9483
2400	14	1	13	3		13.7											
13.3	13	5	13	9		13.8	(13.6)										

CARBON DIOXIDE DA[illegible] STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 13 SEPT 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

18.27 (.87)
313.89

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	17.0		—			17.0											
0100	18.5		19.6			19.1	(19.0)										
0130	19.0		19.3			19.2											
0200	19.0		20.5			19.8											
0230	21.8		20.7			21.3	(21.2)										
0300	20.7		20.0			20.4											
0330	20.5		22.7			21.4											
0400	22.6		—			22.6											
0430	23.1		24.9			24.0											
0500	24.2		—			24.2											
0530	—		30.5			30.5											
0600	—		—			—											
0630	—		—			—											
0700	28.3		—			28.3											
0730	18.0		20.0			19.0											
0800	19.5		20.5			20.0											
0830	20.1		20.2			20.2											
0900	20.6		18.1			19.4											
0930	17.4		17.0			17.2											
1000	16.5		16.4			16.5	(16.4)										
1030	16.0		15.4			15.7											
1100	16.2		16.2			16.2											
1130	16.1		16.5			16.3											
1200	16.1		16.7			16.4											
1230	16.3		16.8			16.6											
1300	15.9		16.3			16.1											
1330	16.5		16.5			16.5											
1400	16.5		17.0			16.8											
1430	16.9		17.0			17.0											
1500	16.7		16.8			16.8											
1530	16.4		16.4			16.4											
1600	16.6		16.7			16.7	(16.6)										
1630	16.4		16.3			16.4											
1700	15.7		16.0			15.9	(15.8)										
1730	15.5		15.6			15.6											
1800	15.6		16.4			16.0											
1830	15.8		15.8			15.8											
1900	16.3		16.0			16.2											
1930	16.8		16.8			16.8											
2000	17.0		15.4			16.2											
2030	15.7		15.9			15.8											
2100	15.9		16.2			16.1	(16.0)										
2130	16.2		16.5			16.4											
2200	16.7		16.7			16.7											
2230	16.6		17.4			17.0											
2300	17.4		17.4			17.4											
2330	17.7		17.4			17.6											294.62 ÷ 5
2400	17.0		17.8			17.8	(17.4)										0.9483
	15.8		18.0			18.1											

CARBON DIOXIDE D[illegible]A STATION S.O PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 12, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 _____ From Ref tank test of _____

Tank Press. _____ psi Obs. _____

16.44(98)
317.94

	A.H 1	2	A.L 3	4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	19.3		18.8			19.1	(19.0)										
0100	19.9		17.8			18.9	(18.8)										
0130	17.8		18.3			18.1	(18.0)										
0200	18.2		18.4			18.3											
0230	17.0		16.8			16.9											
0300	16.8		18.0			17.4											
0330	16.9		17.5			17.2											
0400	16.6		17.3			17.0											
0430	17.8		17.0			17.4											
0500	17.1		17.0			17.1	(17.0)										
0530	17.4		17.0			17.2											
0600	17.3		17.0			17.2											
0630	17.0		16.5			16.9	(16.8)										
0700	17.5		16.5			17.0											
0730	17.0		17.1			17.1	(17.0)										
0800	18.5		17.5			18.0											
0830	18.6		18.0			18.3											
0900	17.7		16.8			17.8	(17.2)										
0930	17.5		17.3			17.4											
1000	17.6		17.4			17.5											
1030	17.4		—			17.4											
1100	17.6		18.3			18.0											
1130	17.6		16.9			17.3	(17.2)										
1200	17.1		16.6			16.8											
1230	15.8		16.8			16.3											
1300	16.8		16.8			16.8											
1330	16.2		15.9			16.1	(16.0)										
1400	16.4		16.5			16.5	((L.4)										
1430	16.3		16.7			16.5											
1500	16.4		16.0			16.2											
1530	16.0		16.2			16.1											
1600	16.4		16.0			16.2											
1630	15.9		16.2			16.1	(16.0)										
1700	15.9		15.6			15.8											
1730	15.4		15.8			15.6											
1800	15.9		15.8			15.9	(15.8)										
1830	15.6		15.6			15.6											
1900	15.8		15.7			15.8											
1930	15.8		15.8			15.8											
2000	15.6		15.6			15.6											
2030	15.6		~~15.9~~			15.8	16.0										
2100	15.9		16.0			16.0											
2130	15.6		15.9			15.8											
2200	16.0		16.1			16.1	(16.0)										
2230	16.0		16.0			16.0											
2300	15.8		15.6			15.7											
2330	16.5		16.3			16.4											294.62 ± σ
2400	16.8		16.0			16.4											0.9483
	16.6		16.1														

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 11, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

22.98 (67)
318.86

	A.H L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	28.5		25.0			26.8											
0100	25.1		25.0			25.1											
0130	25.0		25.4			25.2											
0200	32.0		29.8			30.7	(30.9)										
0230	—		29.5			29.5											
0300	—		30.0			30.0											
0330	30.3		31.2			30.8											
0400	—		29.5			29.5											
0430	31.5		30.5			31.0											
0500	—		29.7			29.7											
0530	28.8		26.1			27.5	(27.4)										
0600	—		29.0			29.0											
0630	28.0		29.0			28.5											
0700	31.0		35.3			33.2											
0730	—		—			—											
0800	29.5		27.0			28.3	(28.2)										
0830	27.8		28.6			33.2	28.2										
0900	16.5		16.1			16.3											
0930	16.0		17.4			16.7											
1000	—		—			—											
16.9 ← 1030	16.9		16.7			16.8											
1100	17.9		18.0			18.0											
1130	18.5		16.8			17.7	(17.6)										
1200	—		—			—											
1230	—		—			—											
1300	—		—			—											
1330	—		—			—											
1400	—		—			—											
1430	—		—			—											
1500	—		—			—											
1530	—		—			—											
1600	—		—			—											
1630	—		—			—											
1700	—		—			—											
1730	18.1		18.4			18.3	(18.2)										
1800	17.6		18.0			17.8											
1830	17.3		18.0			17.7	(17.6)										
1900	17.8		18.2			18.0											
1930	18.3		18.0			18.2											
2000	18.5		17.9			18.2											
2030	18.4		18.1			18.3	(18.2)										
2100	19.0		18.7			18.9	(18.8)										
2130	18.5		18.5			18.5											
2200	18.9		18.5			18.7											
2230	20.5		20.6			20.6											
2300	19.0		18.9			18.9	(19.0)										
2330	19.0		18.8			18.9											294.62 ± σ
2400	18.9		19.2			19.1	(19.0)										0.9483
	19.1		18.8			19.0											

CARBON DIOXIDE D[illegible] STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 10, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

20.46 (97)
316.21

	A.H L1	A.H L2	A.L L3	A.L L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	17.5		17.4			~~17.5~~	(17.4)										
0100	17.1		17.5			17.3											
0130	18.0		18.0			18.0											
0200	18.6		18.8			18.7											
0230	20.0		20.0			20.0											
0300	19.9		20.3			20.1											
0330	21.0		21.0			21.0											
0400	21.0		20.5			20.8											
0430	21.6		22.1			~~21.9~~	(21.8)										
0500	21.8		22.0			21.9											
0530	20.5		21.3			20.9											
0600	19.7		20.0			~~19.9~~	(19.8)										
0630	20.6		19.3			~~20.2~~	(20.0)										
0700	20.2		21.5			20.9	(20.8)										
0730	21.5		21.9			21.7											
0800	22.5		21.8			~~22.0~~	(22.2)										
0830	21.5		21.9			21.7											
0900	22.6		21.2			~~21.4~~	(21.9)										
0930	22.5		20.7			21.6											
1000	19.5		19.8			~~19.7~~	(19.6)										
1030	19.9		20.2			~~20.1~~	(20.0)										
1100	19.5		18.8			19.2											
1130	22.5		22.5			22.5											
1200	24.0		24.5			~~24.3~~	(24.2)										
1230	25.0		24.8			24.9											
1300	21.0		19.0			20.0											
1330	18.8		18.8			~~18.8~~											
1400	17.9		16.3			17.1	✓										
1430	17.1		17.9			17.5											
1500	16.5		18.5			17.5											
1530	18.5		19.0			~~18.3~~	(18.2)										
1600	—		23.0			23.0											
1630	24.4		25.6			25.0											
1700	24.7		23.0			23.9	(23.8)										
1730	22.8		21.3			~~22.1~~	(22.0)										
1800	19.5		18.6			~~19.1~~	(19.0)										
1830	18.1		17.9			18.0											
1900	18.1		18.1			18.1											
1930	18.9		18.6			18.8											
2000	19.5		19.2			19.4											
2030	21.0		20.3			~~20.7~~	(20.6)										
2100	18.3		19.5			18.9											
2130	18.8		19.0			18.9											
2200	19.3		20.1			~~20.2~~	(19.7)										
2230	20.1		20.1			20.1											
2300	21.0		22.0			21.5											
2330	20.4		21.2			20.8											29462 ÷ 5
2400	20.4		22.7			21.6											0.9483
	24.9		28.3			26.6											

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT 9, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-12.75 (31)
16.52 (33)

	A.H L1	L2	A.L L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-13.4		-13.9			-13.6											313.12
0100	-14.0		-14.0			-14.0											
0130	-14.6		-14.5			-14.6											
0200	-14.4		-14.4			-14.4											312.05
0230	-14.0		-14.4			-14.2											
0300	-13.6		-13.7			-13.6											
0330	-13.1		-13.5			-13.3											312.57
0400	-13.3		-13.0			-13.2											
0430	-12.0		-11.1			-11.6											
0500	-10.4		-11.1			-10.8											
0530	-10.0		-10.9			-10.4											
0600	-11.8		-11.4			-11.6											
0630	-10.8		-11.1			-11.0											
0700	-11.3		-11.8			-11.6											
0730	-12.8		-13.2			-13.0											
0800	-13.1		—			-13.1											SHUT DOWN FOR REF gas test
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	change Ref gas test
1500																	74 → 75
1530																	
1600																	
1630																	
1700	—		16.3			16.3											
1730	16.4		16.5			16.5	(16.4)										
1800	16.3		16.1			16.2											
1830	16.5		16.8			16.7	(16.6)										
1900	16.7		16.5			16.6											
1930	16.5		16.7			16.6											
2000	16.9		16.3			16.6											
2030	16.2		16.1			16.2											
2100	16.0		16.3			16.2											
2130	16.3		16.5			16.4											
2200	16.5		16.4			16.5	(16.4)										
2230	16.5		16.6			16.6											74 326.76 + 0 = 0.9350
2300	16.4		16.4			16.4											
2330	16.5		16.5			16.5											75 294.62 + 0 = 0.9413
2400	16.6		16.9			16.7											
	~~17.5~~		17.4			16.8											

CARBON DIOXIDE DATA STATION S10 PCOE Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date Sept. 8, 1955

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 79 _____ From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-13.98 (90)
311.80

	AH L1	AH L2	AL L3	AL L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-13.1		-13.3			-13.2											
0100	-13.8		-13.3			-13.6											
0130	-13.8		-14.1			-14.0											
0200	-13.9		-13.9			-13.9											
0230	-13.6		-13.4			-13.5											
0300	-12.9		-13.1			-13.0											
0330	-13.0		-12.3			-12.6											
0400	-12.1		-12.2			-12.2											
0430	-11.9		-12.0			-12.0											
0500	-11.1		-12.0			-11.6											
0530	-13.0		-12.0			-12.5											
0600	-11.8		-12.6			-12.2											
0630	-11.8		-12.4			-12.1											
0700	-12.4		-12.8			-12.6											
0730	-12.7		-12.5			-12.6											
0800	-12.2		-12.8			-12.5											
0830	-12.1		-12.8			-12.4											
0900	-12.2		-12.8			-12.5											
0930	-12.3		-13.0			-12.6											
1000	-13.4		-14.5			-14.0											
1030	-14.0		-14.6			-14.3											
1100	-14.4		-14.5			-14.4											
1130	-14.7		-14.5			-14.6											
1200	-14.5		-14.5			-14.5											
1230	-14.4		-14.6			-14.5											
1300	-14.4		—			-14.4											
1330	-13.8		-14.2			-14.0											
1400	-14.2		-14.6			-14.4											
1430	-14.6		-14.5			-14.6											
1500	-14.5		-14.0			-14.2											
1530	-14.3		—			-14.3											Defrost Freeze
1600																	
1630																	
1700	—		-15.0			-15.0											
1730	-15.1		-15.1			-15.1											
1800	-15.2		-15.2			-15.2											
1830	-15.5		-15.4			-15.4											
1900	-15.5		-15.5			-15.5											
1930	-15.5		-15.2			-15.4											
2000	-15.3		-15.4			-15.4											
2030	-15.4		-15.2			-15.3											
2100	-15.0		-15.3			-15.2											
2130	-15.1		-15.5			-15.3											
2200	-15.2		-15.3			-15.2											
2230	-15.3		-14.9			-15.1											
2300	-14.9		-15.6			-15.2											
2330	-15.6		-15.5			-15.6											32676 + 0
2400	-15.5		-15.0			-15.2											0.9350

-15.0 -15.5

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 7, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 79 _____ From Ref tank test of _____

Tank Press. _____ psi Obs. _____

- 14.23(95)

311.53

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-13.6		-13.5			-13.6											
0100	-13.1		-13.1			-13.1											
0130	-12.6		-12.6			-12.6											
0200	-13.0		—			-13.0											
0230	-12.2		-11.6			-11.9											
0300	-11.7		-12.8			-12.2											
0330	-14.0		-13.8			-13.9											
0400	-12.5		-13.4			-13.0											
0430	-13.1		-12.7			-12.9											
0500	-12.6		-12.6			-12.6											
0530	-13.9		-13.9			-13.9											
0600	-13.8		-14.0			-13.9											
0630	-14.5		-14.6			-14.6											
0700	-15.0		-14.9			-15.0											
0730	-15.0		-14.4			-14.7											
0800	-14.6		-14.5			-14.6											
0830	-14.7		-14.4			-14.6											
0900	-14.8		-14.9			-14.8											
0930	-14.7		-15.2			-15.0											
1000	-15.0		-15.1			-15.0											
1030	-14.9		-15.1			-15.0											
1100	-15.0		-14.8			-14.9											
1130	-14.9		-14.9			-14.9											
1200	-15.0		-15.5			-15.2											
1230	-14.8		-14.8			-14.8											
1300	-14.9		-14.4			-14.6											
1330	-14.0		-14.4			-14.2											
1400	-14.5		-14.5			-14.5											
1430	-14.6		-14.4			-14.5											
1500	-14.7		-14.8			-14.8											
1530	-14.6		-14.7			-14.6											
1600	-14.8		-14.9			-14.8											
1630	-14.7		-14.8			-14.8											
1700	-15.2		-15.0			-15.1											
1730	-14.9		-15.0			-15.0											
1800	-14.9		-15.4			-15.2											
1830	-15.4		-14.9			-15.2											
1900	-15.0		-15.1			-15.0											
1930	-14.5		-15.2			-14.8											
2000	-15.0		-15.2			-15.1											
2030	-15.0		-14.9			-15.0											
2100	-14.8		-14.4			-14.6											
2130	-14.9		-13.7			-14.0											
2200	-13.9		-13.8			-13.8											
2230	-13.8		-13.4			-13.6											
2300	-13.5		-13.7			-13.6											
2330	-13.4		-13.6			-13.5											326.76 + σ
2400	-13.0		-12.5			-12.8											0.9350

-13.0 -13.8

CARBON DIOXIDE DATA STATION S10 Pier Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 6, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 79 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

-13.98 (88)

311.80

	AH L1	L2	AL L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-14.0		-15.0			-14.5											
0100	-15.0		-14.9			-15.0											
0130	-15.0		-15.0			-15.0											
0200	-15.5		-15.0			-15.2											
0230	-15.1		-15.3			-15.2											
0300	-14.9		-15.0			-15.0											
0330	-15.0		-14.9			-15.0											
0400	-14.5		-14.5			-14.5											
0430	-14.2		-14.0			-14.1											
0500	-14.3		-13.7			-14.0											
0530	-13.8		-13.9			-13.8											
0600	-13.9		-13.7			-13.8											
0630	-13.1		-13.2			-13.2											
0700	-13.0		-13.4			-13.2											
0730	-12.8		-12.9			-12.8											
0800	-13.3		-13.6			-13.4											
0830	-14.2		-14.2			-14.2											
0900	-14.0		-14.7			-14.4											
0930	-14.9		-14.9			-14.9											
1000	-14.5		-14.4			-14.4											
1030	-14.3		-14.6			-14.4											
1100	-14.5		-14.5			-14.5											
1130	-14.6		-14.5			-14.6											
1200	-14.5		-14.3			-14.4											
1230	-13.8		-14.2			-14.0											
1300	-14.3		-14.3			-14.3											
1330	-14.5		-14.9			-14.7											
1400	-15.0		-15.0			-15.0											
1430	-14.8		-14.9			-14.8											
1500	-15.0		-14.8			-14.9											
1530	-14.7		-15.0			-14.8											
1600	-15.0		-14.9			-15.0											
1630	-14.8		-14.5			-14.6											
1700	-15.1		-14.5			-14.8											
1730	-14.5		-14.5			-14.5											
1800	-14.6		-14.2			-14.4											
1830	-14.6		-13.8			-14.2											
1900	-13.7		-13.5			-13.6											
1930	-13.5		—			-13.5											DEFROST FREEZER
2000																	
2030																	
2100																	
2130	—		-11.7			-11.7											
2200	-12.5		-11.1			-11.8											
2230	-11.8		-11.5			-11.6											
2300	-11.3		-11.0			-11.2											
2330	-11.4		-11.5			-11.4											326.76 + 5
2400	-10.6		-10.0			-10.3											0.9350
	-11.1		-12.1														

CARBON DIOXIDE DATA STATION S10 PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 5, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 74 _____ From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-13.16 (95)

312.68

	AL ~~L2~~	AL ~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-14.5	-15.0		-14.8											
0100	-13.5	-14.6		-14.0											
0130	-14.5	-14.6		-14.6											
0200	-14.5	-15.9		-15.2											
0230	—	-13.2		-13.2											
0300	-13.1	-13.7		-13.4											
0330	-13.8	-14.2		-14.0											
0400	-12.8	-12.3		-12.6											
0430	-12.8	-12.5		-12.6											
0500	-12.8	-12.0		-12.4											
0530	-12.0	-11.7		-11.8											
0600	-11.5	-10.9		-11.2											
0630	-11.5	-11.6		-11.6											
0700	-11.0	-10.3		-10.6											
0730	-8.3	-8.3		-8.3											
0800	-7.5	-8.4		-8.2											
0830	-6.5	-5.0		-5.8											
0900	-3.0	-5.8		-4.4											
0930	-7.1	-11.0		-9.0											
1000	-12.8	-13.0		-12.9											
1030	-13.0	-13.2		-13.1											
1100	-12.8	-13.6		~~-13.2~~	-13.2										
1130	-13.4	-14.0		-13.7											
1200	-14.1	-14.3		-14.2											
1230	-14.1	-14.5		-14.3											
1300	-14.5	-14.5		-14.7											
1330	-14.5	-14.5		-14.5											
1400	-14.4	-14.8		-14.6											
1430	-14.5	-14.5		-14.5											
1500	-14.7	-14.8		-14.8											
1530	-14.9	-15.4		-15.2											
1600	-15.0	-15.5		-15.2											
1630	-15.6	-15.9		-15.8											
1700	-15.8	-16.0		-15.9											
1730	-16.2	-16.3		-16.2											
1800	-16.4	-15.8		-16.1											
1830	-16.0	-15.6		-15.8											
1900	-15.6	-15.4		-15.5											
1930	-15.6	-15.5		-15.6											
2000	-16.0	-15.8		-15.9											
2030	-16.1	-16.0		-16.0											
2100	-14.4	-14.9		-14.9											
2130	—	-12.0		-12.0											
2200	-12.9	-13.5		-13.2											
2230	-14.3	-13.2		-13.8											
2300	-12.8	-11.5		-12.2											
2330	-12.0	-11.8		-11.9											326.76 + 0
2400	-10.5	-7.0		-8.8											0.9350
HN	-10.7	-13.3													

CARBON DIOXIDE DATA STATION SID PIE Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 4, 1955

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 74 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-14.07 (92)
311.71

	AA ~~L1~~	~~L2~~	AC ~~L3~~	~~L4~~	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-13.3		-12.7			-13.0											
0100	-12.9		-12.5			-12.7											
0130	-12.5		-14.1			-13.3											
0200	-14.0		-14.0			-14.0											
0230	-13.9		-13.5			-13.7											
0300	-13.3		-12.7			-13.0											
0330	-12.3		-13.2			-12.8											
0400	-13.5		-13.5			-13.5											
0430	-12.8		-13.1			-13.0											
0500	-13.3		-12.7			-13.0											
0530	-13.6		-13.2			-13.4											
0600	-12.7		-12.5			-12.6											
0630	-12.8		-12.7			-12.8											
0700	-13.1		—			-13.1											
0730	—		—														
0800	—		-13.2			-13.2											
0830	-13.7		-13.0			-13.4											
0900	-13.0		-13.9			-13.4											
0930	-13.3		-13.1			-13.2											
1000	-13.0		-13.0			-13.0											
1030	-12.8		-13.0			-12.9											
1100	-12.8		-13.0			-12.9											
1130	-12.9		-13.0			-13.0											
1200	-13.2		-13.2			-13.2											
1230	-13.1		-13.9			-13.5											
1300	-12.2		-13.1			-12.6											
1330	-11.9		-12.8			-12.4											
1400	-13.5		-13.2			-13.4											
1430	-12.2		-13.5			-12.8											
1500	-14.0		-13.7			-13.8											
1530	-14.0		-13.5			-13.8											
1600	-14.8		-14.2			-14.6											
1630	-14.7		-14.5			-14.6											
1700	-15.0		-15.3			-15.2											
1730	-15.6		-15.9			-15.8											
1800	-15.8		-15.1			-15.4											
1830	-15.7		-16.1			-15.9											
1900	-16.9		-16.9			-16.4	✓										
1930	-16.5		-16.4			-16.4	✓										
2000	-16.3		-16.5			-16.4	✓										
2030	-16.2		-16.2			-16.2											
2100	-16.3		-16.5			-16.4	✓										
2130	-16.4		-16.4			-16.4	✓										
2200	-16.2		-16.7			-16.4	✓										
2230	-16.3		-16.5			-16.4	✓										
2300	-15.8		-14.3			-15.0											
2330	-15.6		-15.4			-15.5											326.76 + 5
2400	-13.5		-13.9			-13.7											6.9350

HN -14.0 -14.3

CARBON DIOXIDE DATA STATION S10 PIE Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 3, 1989

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 79 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-14.44 (98)

311.31

	AH L1	L2	AC L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-15.3		-15.5			-15.4											
0100	-15.0		-14.8			-14.9											
0130	-15.3		-15.2			-15.2											
0200	-14.7		-15.0			-14.8											
0230	-14.9		-14.7			-14.8											
0300	-14.9		-14.5			-14.7											
0330	-14.0		-14.1			-14.0											
0400	-14.3		-14.3			-14.3											
0430	-14.4		-14.2			-14.3											
0500	-14.0		-13.8			-13.9											
0530	-14.5		-14.2			-14.4											
0600	-13.4		-14.3			-13.8											
0630	-13.3		-13.6			-13.4											
0700	-14.4		-13.8			-14.1											
0730	-14.0		-14.1			-14.0											
0800	-13.5		-14.0			-13.8											
0830	-14.0		-14.3			-14.2											
0900	-13.9		-14.2			-14.0											
0930	-13.9		-14.1			-14.0											
1000	-13.6		-14.2			-13.9											
1030	-13.7		-13.7			-13.7											
1100	-13.6		-13.7			-13.6											
1130	-13.5		-13.5			-13.5											
1200	-13.8		-13.9			-13.8											
1230	-14.2		-14.5			-14.4											
1300	-14.4		-14.5			-14.4											
1330	-14.3		-14.0			-14.2											
1400	-14.0		-14.3			-14.2											
1430	-14.1		-13.9			-14.0											
1500	-14.5		-14.4			-14.4											
1530	-14.5		-14.2			-14.4											
1600	-14.4		-14.0			-14.2											
1630	-14.5		-14.8			-14.6											
1700	-14.9		-15.0			-15.0											
1730	-15.0		-14.8			-14.9											
1800	-14.5		—			-14.5											PAPER RAN OUT
1830	-14.8		-14.4			-14.6											
1900	-14.7		-14.5			-14.6											
1930	-14.6		-14.8			-14.7											
2000	-14.8		-14.8			-14.8											
2030	-15.0		-15.1			-15.0											
2100	-15.0		-15.0			-15.0											
2130	-15.0		-15.0			-15.0											
2200	-15.3		-15.2			-15.2											
2230	-15.0		-15.0			-15.0											
2300	-15.1		-15.5			-15.3											
2330	-15.2		-15.1			-15.2											32676 + 5
2400	-15.0		-14.9			-15.0											09550

-14.7 -14.3

CARBON DIOXIDE DATA STATION S10 Pier Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 2, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 79 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-14.27 (91)

311.49

	AH L1	L2	AC L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-14.1		-13.8			-14.0											
0100	-13.6		-13.7			-13.6											
0130	-14.0		-14.0			-14.0											
0200	-14.0		-14.2			-14.1											
0230	-14.1		-13.8			-14.0											
0300	-14.2		-14.0			-14.1											
0330	-14.0		-13.5			-13.8											
0400	-13.6		-14.0			-13.8											
0430	-14.2		-14.3			-14.2											
0500	-14.0		-13.3			-13.6											
0530	-13.9		-13.8			-13.8											
0600	-13.8		-13.0			-13.4											
0630	-13.4		-13.3			-13.4											
0700	-12.8		-13.1			-13.0											
0730	-13.1		-13.8			-13.4											
0800	-14.2		-13.6			-13.9											
0830	-13.5		—			-13.5											
0900	-13.0		-13.5			-13.2											
0930	-13.6		-13.4			-13.5											
1000	-13.2		-13.2			-13.2											
1030	-13.4		-14.2			-13.8											
1100	-13.8		-13.0			-13.4											
1130	-13.4		-14.1			-13.8											
1200	-13.8		-13.6			-13.7											
1230	-13.6		-14.3			-14.0											
1300	-13.8		-13.4			-13.6											
1330	-13.4		-13.7			-13.6											
1400	-13.6		-14.0			-13.8											
1430	-14.7		-14.3			-14.5											
1500	-14.1		-14.2			-14.2											
1530	-14.6		—			-14.6											Defrost Freezer
1600																	
1630	—		-14.6			-14.6											
1700	-15.2		-14.8			-15.0											
1730	-14.9		-15.0			-15.0											
1800	-15.1		-14.6			-14.8											
1830	-14.9		-14.7			-14.8											
1900	-15.3		-15.0			-15.2											
1930	-15.2		-15.1			-15.2											
2000	-14.9		-14.7			-14.8											
2030	-15.3		-15.6			-15.4											
2100	-15.4		-15.9			-15.6											
2130	-15.5		-15.2			-15.4											
2200	-15.5		-15.4			-15.4											
2230	-15.9		-15.6			-15.8											
2300	-15.8		-16.1			-16.0											
2330	-15.7		-15.4			-15.6											326.76 + 0
2400	-15.6		-15.2			-15.4											0.9350
	-15.3		-15.3														

CARBON DIOXIDE DATA STATION S10 P.E. Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date SEPT. 1, 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 29 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

-14.02 (-16)

311.76

	AH L1	AH L2	AC L3	AC L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	-13.1		-13.6			-13.4											
0100	-14.0		-13.8			-13.9											
0130	-13.5		-14.1			-13.8											
0200	-13.8		-14.0			-13.9											
0230	-14.1		-14.1			-14.1											
0300	-14.2		-14.2			-14.2											
0330	-14.2		-14.0			-14.1											
0400	-14.2		-14.2			-14.2											
0430	-14.3		-14.2			-14.2											
0500	-14.5		-14.1			-14.3											
0530	—		-14.1			-14.1											
0600	-14.3		-13.8			-14.0											
0630	—		—			—											
0700	—		-14.3			-14.3											
0730	-13.6		-13.5			-13.6											
0800	-11.6		-10.5			-11.0											
0830	-10.1		-10.3			-10.2											
0900	-12.5		-14.1			-13.3											
0930	-16.0		-14.2			-15.1											
1000	-14.4		-13.9			-14.2											
1030	-14.9		-13.8			-14.4											
1100	-14.5		-14.4			-14.4											
1130	-14.3		-14.2			-14.2											
1200	-14.1		-14.2			-14.2											
1230	-14.3		—			-14.3											Shut Down for Ref. Gas test in Lab.
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630	—		-14.8			-14.8											
1700	-15.0		-14.8			-14.9											
1730	-14.9		-14.6			-14.5											
1800	-14.8		-14.4			-14.6											
1830	-14.8		-14.9			-14.8											
1900	-15.3		-14.8			-15.0											
1930	-14.9		-14.5			-14.7											
2000	-15.0		-14.9			-15.0											
2030	-12.2		-13.5			-12.8											
2100	-13.9		-13.0			-13.2											
2130	-14.1		-13.6			-13.8											
2200	-14.9		-13.8			-14.1											
2230	-13.9		-14.5			-14.2											
2300	-14.5		-14.4			-14.9											
2330	-14.0		-14.1			-14.0											326.76 + 0
2400	-14.5		-14.3			-14.4											

HN -14.4 -13.5

CARBON DIOXIDE DATA STATION SIO PIER Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____ Date 4 Oct. 1959

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 75 From Ref tank test of _____

Tank Press. _____ psI Obs. _____

24.91(931)
320.90

	A.H. ~~L1~~	~~L2~~	A.L. L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	28.6		26.3			~~27.5~~	(27.4)										
0100	27.6		28.8			28.2											
0130	27.6		30.4			29.0											
0200	28.9		28.9			28.9											
0230	28.8		28.4			28.6											
0300	28.3		26.0			27.2											
0330	26.3		25.5			25.9											
0400	26.3		25.8			~~26.1~~	(26.0)										
0430	27.0		27.4			27.2											
0500	27.4		27.4			27.4											
0530	27.2		27.8			27.5											
0600	28.1		28.6			28.4											
0630	29.1		29.5			29.3											
0700	28.4		27.2			27.8											
0730	—		—			—											
0800	—		28.1			28.1											
0830	27.5		27.6			27.6											
0900	27.1		26.8			~~27.0~~	(27.0)										
0930	26.4		26.0			26.2											
1000	25.5		26.7			26.1											
1030	24.7		24.3			24.5											
1100	—		26.1			26.1											
1130	26.3		26.4			26.4											
1200	25.9		25.1			25.5											
1230	25.2		25.3			~~25.8~~	~~25.3~~ (25.2)										
1300	25.1		24.9			25.0											
1330	24.4		24.3			24.4											
1400	24.1		24.1			24.1											
1430	24.2		—			24.2											
1500	20.6		20.9			20.8											
1530	20.5		20.3			20.4											
1600	20.1		19.9			20.0											
1630	19.9		19.3			19.6											
1700	19.4		19.8			19.6											
1730	19.4		19.5			19.5	(19.4)										
1800	19.3		20.4			~~19.9~~	(19.8)										
1830	21.0		23.5			~~22.3~~	(22.2)										
1900	23.0		22.2			22.6											
1930	22.7		25.5			24.1											
2000	25.6		24.5			~~25.1~~	(25.0)										
2030	24.1		24.1			24.1											
2100	23.0		23.6			23.3											
2130	23.7		21.1			22.4											
2200	22.8		25.5			24.2											
2230	24.8		25.0			24.9											
2300	24.7		23.6			24.2											
2330	23.8		22.9			23.4											29.462 + 0
2400	23.3		21.2			~~21.8~~	(21.5)										0.9483
	20.9		20.7														