

Span _____ Zero _____ Freezer Temp. _____

Date Dec 31, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	95	97				9.6										
0100	107	101				10.4										
0130	108	102				10.2										
0200	138	186				16.2										
0230	166	149				15.7 (15.8)										
0300	144	133				13.8										
0330	126	119				12.2										
0400	111	101				10.6										
0430	82	80				8.1										
0500	82	77				8.0										
0530	84	66				7.5										
0600	80	74				7.7										
0630	78	78				7.8										
0700	80	77				8.0										
0730	74	103				8.8										
0800	84	82				8.3										
0830	82	77				8.0										
0900	82	74				7.8										
0930	33	77				5.5										
1000	87	83				8.5										
1030	76	65				7.0										
1100	66	62				6.4										
1130	75	70				7.2										
1200	71	71				7.1										
1230	76	61				6.8										
1300	69	62				6.6										
1330	64	52				5.8										
1400	54	39				4.6										
1430	45	50				4.8										
1500	62	58				6.2										
1530	M	M														
1600	M	M														
1630	98	102				10.0										
1700	96	117				10.6										
1730	120	132				12.6										
1800	140	142				14.1										
1830	132	144				13.8										
1900	121	123				12.3										
1930	102	112				10.7										
2000	127	110				11.8										
2030	123	120				12.2										
2100	158	178				16.8										
2130	115	126				12.0										
2200	154	190				17.2										
2230	211	202				20.6										
2300	187	181				18.4										
2330	165	149				15.7										
2400	97	85				9.2										

30883 + 0
09800

CARBON DIOXIDE DATA

STATION

STO 100

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec 30, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

7.21 (96)

316.19

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	6 ⁵	6 ¹				6.3										
0100	6 ⁰	6 ⁶				6.3										
0130	5 ⁷	6 ¹				5.9										
0200	5 ⁶	6 ³				6.0										
0230	6 ⁹	5 ⁷				6.3										
0300	5 ⁶	6 ²				5.9										
0330	6 ¹	5 ⁹				6.0										
0400	5 ⁴	6 ⁰				5.7										
0430	5 ⁶	6 ²				5.9										
0500	6 ³	6 ⁴				6.4										
0530	6 ⁵	5 ⁹				6.2										
0600	6 ¹	5 ⁸				6.0										
0630	6 ⁷	6 ⁰				6.4										
0700	6 ⁰	6 ³				6.2										
0730	6 ⁴	6 ⁰				6.2										
0800	6 ³	6 ²				6.2										
0830	6 ³	5 ⁶				6.0										
0900	5 ⁷	5 ⁶				5.6										
0930	5 ¹	4 ²				4.6										
1000	6 ⁵	5 ³				5.9										
1030	5 ³	5 ³				5.3										
1100	5 ⁶	6 ⁴				6.0										
1130	6 ⁸	5 ⁷				6.2										
1200	6 ¹	6 ⁴				6.2										
1230	6 ⁸	5 ⁶				6.2										
1300	5 ⁷	5 ⁷				5.7										
1330	6 ⁴	6 ⁰				6.2										
1400	5 ²	4 ³				4.8										
1430	6 ⁴	6 ¹				6.2										
1500	5 ⁸	4 ⁰				4.9										
1530	5 ⁴	6 ⁰				5.7										
1600	6 ⁸	5 ²				6.0										
1630	5 ⁷	5 ⁷				5.7										
1700	5 ²	5 ⁶				5.4										
1730	6 ²	7 ⁶				6.9										
1800	7 ⁷	8 ⁵				8.1										
1830	8 ⁷	9 ⁹				9.3										
1900	9 ⁶	9 ⁶				9.6										
1930	9 ⁷	9 ⁷				9.7										
2000	9 ⁴	10 ⁶				10.0										
2030	9 ⁶	12 ⁴				11.0										
2100	12 ⁴	12 ⁴				12.4										
2130	11 ⁴	12 ⁴				12.2										
2200	10 ⁸	10 ⁷				10.8										
2230	11 ⁵	10 ¹				11.2										
2300	10 ⁹	12 ²				11.6										
2330	12 ¹	11 ⁵				11.8										
2400	10 ⁷	10 ⁴				10.8										

308.83 + 0

2.9800

CARBON DIOXIDE DATA

STATION

STO

er

Sheet No. _____

Span _____ Zero _____

Freezer Temp. _____

Date Dec 29, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank

83

From Ref tank test of _____

Tank Press. _____ psi

Obs. _____

7.36(92)
316.34

	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
0030	12.1	12.5				12.3											
0100	11.1	10.2				10.6											
0130	9.7	9.7				9.7											
0200	10.3	10.6				10.4											
0230	10.7	11.4				11.0											
0300	11.1	9.9				10.5											
0330	9.6	9.3				9.4											
0400	11.1	10.8				10.8											
0430	9.8	9.6				9.7											
0500	9.7	9.8				9.8											
0530	7.8	6.7				7.2											
0600	11.1	9.9				9.9											
0630	10.4	10.3				10.4											
0700	8.2	6.8				7.5											
0730	8.0	8.1				8.0											
0800	6.2	5.9				6.0											
0830	6.2	5.6				5.9											
0900	5.6	5.4				5.5											
0930	5.3	4.2				4.8											
1000	11.1	11.1															Defrosted freezer
1030	5.8	5.6				5.7											
1100	5.8	4.4				5.1											
1130	4.6	4.6				4.6											
1200	5.0	4.2				4.6											
1230	4.8	4.8				4.8											
1300	5.7	4.9				5.3											
1330	6.4	5.4				5.9											
1400	6.1	5.6				5.8											
1430	5.7	5.6				5.6											
1500	6.5	5.6				6.0											
1530	5.8	5.6				5.7											
1600	7.4	6.5				7.0											
1630	6.0	5.2				5.6											
1700	5.5	8.9				7.2											
1730	7.8	8.6				8.2											
1800	6.5	6.7				6.6											
1830	6.9	7.8				7.4											
1900	8.1	7.7				7.9											
1930	7.6	7.5				7.6											
2000	8.1	7.8				8.0											
2030	11.1	11.1															
2100	7.3	8.1				7.7											
2130	7.6	7.5				7.6											
2200	7.8	7.1				7.4											
2230	6.2	6.5				6.4											
2300	6.0	8.8				7.4											
2330	6.8	5.6				6.2											
2400	5.7	6.0				5.8											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION

510

er

Sheet No. _____

Span _____

Zero _____

Freezer Temp. _____

Date

Dec 28, 1958

One ordinate - _____ ppm

Flow _____ lpm

Working Ref. Tank

83

From Ref tank test of _____

Tank Press. _____ psi

Obs. _____

12.8 (96)

321.89

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	14°	12°				13.2										
0100	11°	10°				10.9										
0130	10°	10°				10.8										
0200	12°	12°				12.2										
0230	12°	12°				12.2										
0300	12°	11°				11.7										
0330	9°	11°				10.4										
0400	11°	9°				10.8										
0430	11°	9°				9.8										
0500	13°	15°				14.4										
0530	15°	14°				15.2										
0600	14°	12°				13.2										
0630	14°	13°				13.9										
0700	11°	13°				12.2										
0730	14°	13°				13.6										
0800	13°	12°				12.9										
0830	10°	9°				9.9										
0900	11°	10°				10.8										
0930	9°	9°				9.6										
1000	9°	9°				9.6										
1030	9°	9°				9.4										
1100	10°	9°				9.7										
1130	9°	9°				9.3										
1200	9°	9°				9.8										
1230	11°	10°				10.8										
1300	10°	9°				10.1										
1330	10°	11°				10.8										
1400	13°	10°				12.0										
1430	13°	12°				12.9										
1500	12°	12°				12.4										
1530	12°	15°				14.0										
1600	16°	16°				16.1										
1630	14°	14°				14.2										
1700	17°	17°				17.6										
1730	16°	16°				16.6										
1800	18°	17°				17.8										
1830	15°	16°				16.2										
1900	17°	18°				17.8										
1930	16°	15°				16.1										
2000	14°	13°				14.0										
2030	12°	12°				12.4										
2100	14°	11°				13.2										
2130	14°	13°				14.1										
2200	15°	16°				15.9										
2230	14°	14°				14.2										
2300	15°	14°				14.6										
2330	13°	13°				13.2										
2400	13°	11°				12.6										

308.83 + 5

0.9806

CARBON DIOXIDE DATA

STATION

SIO

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 23, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

9.09(94)
318.11

	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
0030	8 ⁶	8 ³				8.4											
0100	8 ⁶	8 ⁴				8.5											
0130	8 ⁵	8 ⁶				8.6											
0200	8 ⁶	8 ⁶				8.6											
0230	8 ⁷	8 ⁶				8.6											
0300	8 ⁹	8 ⁹				8.9											
0330	9 ¹	9 ²				9.2											
0400	9 ⁶	9 ⁷				9.6											
0430	10 ⁷	10 ⁷				10.7											
0500	10 ⁷	10 ⁷				10.7											
0530	10 ⁹	10 ⁵				10.7											
0600	10 ⁶	10 ⁶				10.6											
0630	11 ²	10 ⁷				11.0											
0700	10 ⁶	10 ⁹				10.8											
0730	11 ⁴	11 ³				11.4											
0800	M	11 ⁷				11.7											
0830	12 ¹	10 ⁷				11.4											
0900	10 ⁸	10 ⁷				10.8											
0930	M	10 ⁹				10.9											
1000	11 ²	10 ⁵				10.8											
1030	11 ³	11 ⁰				11.2											
1100	11 ²	10 ⁸				11.0											
1130	11 ⁴	10 ⁶				11.0											
1200	11 ⁰	11 ¹				11.0											
1230	11 ⁴	11 ³				11.4											
1300	11 ²	10 ⁵				10.8											
1330	10 ⁴	8 ⁷				9.6											
1400	8 ⁴	7 ⁵				8.0											
1430	8 ⁵	7 ¹				7.8											
1500	6 ⁶	6 ³				6.4											
1530	8 ²	8 ²				8.2											
1600	7 ⁶	7 ³				7.4											
1630	7 ²	6 ⁷				7.0											
1700	7 ¹	6 ⁶				6.8											
1730	6 ⁸	6 ⁴				6.6											
1800	6 ⁴	6 ⁴				6.4											
1830	6 ³	5 ⁸				6.0											
1900	5 ⁹	5 ⁸				5.8											
1930	5 ²	5 ³				5.2											
2000	5 ²	5 ²				5.2											
2030	4 ⁹	4 ⁷				4.9											
2100	7 ⁶	7 ⁵				7.6											
2130	7 ³	6 ⁷				7.0											
2200	8 ⁵	8 ⁰				8.2											
2230	8 ⁶	9 ¹				8.8											
2300	8 ⁶	9 ⁸				9.2											
2330	12 ¹	13 ¹				12.6											
2400	13 ⁴	13 ²				13.3											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION

SIO

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 26, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

9.13 (88)

318.15

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	10 ²	10 ⁴				10.3										
0100	9 ⁸	10 ⁸				10.3										
0130	10 ⁹	11 ⁴				11.2										
0200	11 ⁷	11 ⁴				11.6										
0230	11 ⁶	11 ⁶				11.6										
0300	11 ⁹	11 ⁷				11.8										
0330	11 ²	11 ³				11.2										
0400	11 ¹	11 ⁰				11.0										
0430	10 ⁹	11 ¹				11.0										
0500	10 ⁹	10 ⁵				10.7										
0530	10 ⁶	10 ³				10.4										
0600	11 ⁰	10 ⁶				10.8										
0630	10 ⁴	10 ⁴				10.4										
0700	11 ³	11 ⁶				11.4										
0730	11 ⁴	11 ⁴				11.4										
0800	11 ⁵	11 ⁴				11.4										
0830	11 ⁵	M				11.5										
0900							} Power Off									
0930																
1000																
1030	10 ¹	9 ²				9.6										
1100	12 ¹	11 ²				11.6										
1130	13 ⁷	10 ⁷				12.2										
1200	11 ¹	10 ⁹				11.0										
1230	11 ⁷	11 ²				11.4										
1300	10 ⁹	12 ⁸				11.8										
1330	10 ⁹	9 ⁸				10.4										
1400	10 ⁸	9 ⁵				10.2										
1430	9 ⁵	8 ⁶				9.0										
1500	8 ¹	6 ⁴				7.2										
1530	7 ²	7 ⁶				7.4										
1600	6 ⁶	4 ¹				5.4										
1630	4 ²	M				4.2										
1700	4 ³	4 ³				4.3										
1730	4 ³	4 ²				4.2										
1800	4 ⁴	5 ²				4.8										
1830	6 ²	5 ⁹				6.0										
1900	5 ⁴	8 ⁶				7.0										
1930	8 ¹	7 ¹				7.6										
2000	7 ¹	6 ²				6.6										
2030	6 ⁸	6 ⁹				6.8										
2100	6 ⁶	6 ⁸				6.7										
2130	6 ⁸	7 ¹				7.2										
2200	7 ⁶	7 ⁷				7.6										
2230	7 ⁵	7 ⁶				7.6										
2300	8 ¹	8 ²				8.2										
2330	8 ³	7 ⁶				8.0										
2400	8 ⁴	7 ²				8.8										

308.83 + 0
09800

CARBON DIOXIDE DATA

STATION

SIO 12

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec 25, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank (83) From Ref tank test of _____

Tank Press. _____ psi Obs. _____

	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
0030	19 ²	19 ²				19.2											
0100	18 ³	18 ⁰				18.2											
0130	17 ⁰	17 ⁸				17.4											
0200	m	18 ¹				18.1											
0230	17 ⁶	17 ⁴				17.5											
0300	m	m															
0330	15 ²	16 ⁷				16.0											
0400	16 ⁶	17 ⁴				17.2											
0430	16 ⁸	16 ³				16.6											
0500	15 ⁸	16 ⁸				16.3											
0530	16 ⁶	16 ⁶				16.6											
0600	16 ⁵	17 ²				16.8											
0630	16 ⁴	16 ⁴				16.4											
0700	16 ²	16 ⁶				16.4											
0730	15 ⁸	15 ⁴				15.6											
0800	15 ⁴	15 ⁷				15.6											
0830	15 ³	14 ⁴				14.8											
0900	15 ³	15 ⁵				15.4											
0930	15 ²	14 ⁵				14.8											
1000	14 ⁰	12 ²				13.1											
1030	11 ⁰	11 ⁷				11.4											
1100	11 ¹	12 ²				11.6											
1130	13 ⁶	13 ³				13.4											
1200	13 ⁴	12 ⁵				13.0											
1230	11 ⁹	11 ⁴				11.6											
1300	11 ⁹	10 ⁹				11.4											
1330	11 ⁰	10 ²				10.6											
1400	11 ⁶	12 ³				12.0											
1430	10 ⁸	9 ⁸				10.3											
1500	10 ⁶	9 ⁰				9.8											
1530	10 ¹	10 ⁴				10.2											
1600	10 ⁰	7 ⁸				8.9											
1630	8 ⁹	7 ⁹				8.4											
1700	8 ²	7 ³				7.8											
1730	8 ⁶	8 ⁴				8.5											
1800	9 ²	8 ⁷				9.0											
1830	8 ³	8 ⁶				8.4											
1900	8 ⁷	8 ⁶				8.6											
1930	9 ¹	8 ⁵				8.8											
2000	8 ⁶	9 ⁸				9.2											
2030	10 ⁰	10 ⁶				10.3											
2100	11 ⁷	12 ⁰				11.8											
2130	11 ³	11 ³				11.3											
2200	12 ²	11 ⁵				11.8											
2230	12 ¹	12 ⁰				12.0											
2300	11 ¹	10 ⁵				10.8											
2330	10 ⁶	10 ¹				10.4											
2400	11 ⁰	10 ²				10.6											

308.83 + 0
0.9800

Span _____ Zero _____ Freezer Temp. _____

Date Dec 24, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank (83) From Ref tank test of _____

Tank Press. _____ psi Obs. _____

13.91 (88)

323.02

REMARKS

	L ⁴	L ²	L ³	L ⁴	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	20.2	17.4				18.8										
0100	16.2	15.2				15.7										
0130	14.7	15.5				15.1										
0200	22.1	16.6				19.4										
0230	13.2	12.5				12.8										
0300	13.4	14.6				14.0										
0330	16.4	16.5				16.4										
0400	16.5	16.9				16.7										
0430	17.3	18.1				17.7										
0500	17.2	18.4				17.8										
0530	15.0	14.4				14.2										
0600	15.4	16.8				16.1										
0630	15.4	15.9				15.6										
0700	16.3	15.7				16.0										
0730	17.3	15.6				16.4										
0800	18.3	18.4				18.4										
0830	15.3	15.2				15.2										
0900	15.8	16.6				16.2										
0930	16.7	15.7				16.2										
1000	21.2	21.7				21.4										
1030	20.0	18.7				19.4										
1100	12.8	13.3				13.0										
1130	14.4	15.1				14.8										
1200	13.4	16.3				14.8										
1230	M	M														
1300	16.7	16.4				16.6										
1330	16.6	16.1				16.4										
1400	16.9	16.3				16.6										
1430	13.7	13.4				13.8										
1500	14.3	15.6				15.0										
1530	9.8	7.2				8.5										
1600	6.1	5.9				6.0										
1630	7.0	7.1				7.0										
1700	6.7	6.5				6.6										
1730	6.4	6.6				6.5										
1800	M	6.0				6.0										
1830	7.3	8.9				8.1										
1900	8.2	M				8.2										
1930	M	7.5				7.5										
2000	9.2	8.6				8.9										
2030	9.6	9.2				9.4										
2100	11.3	13.1				12.2										
2130	14.8	16.5				15.6										
2200	17.2	17.9				17.6										
2230	14.6	13.9				14.0										
2300	13.6	13.4				13.5										
2330	13.6	M				13.6										
2400	M	M														

Weather hazy vis 2 mi
Wind N 8K
Clouds ci 4/10
(83) 370 psi

308.83 + 0
0.9800

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 23, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

	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
0030	8.3	7.8				8.0											
0100	7.1	6.6				6.8	✓										
0130	7.0	6.9				7.0											
0200	7.0	7.1				7.0											
0230	7.4	7.6				7.5											
0300	7.5	7.6				7.6											
0330	7.9	7.4				7.6											
0400	7.2	6.9				7.0											
0430	7.0	7.2				7.1											
0500	6.8	7.0				6.9											
0530	7.0	8.4				7.7											
0600	9.4	8.9				9.2											
0630	7.6	7.5				7.6											
0700	8.0	7.9				8.0											
0730	7.3	7.4				7.4											
0800	8.3	10.3				9.3											
0830	9.6	9.3				9.4											
0900	8.1	7.7				7.9											
0930	7.4	7.6				7.5											
1000	7.1	7.9				7.5											
1030	7.1	6.9				7.0											
1100	6.6	7.0				6.8	✓										
1130	7.3	6.7				7.0											
1200	7.3	M				7.3											
1230							clouds										ref (83) 430 psi
1300							ci 2/10	5 mi	hazy								
1330	9.7	11.2				10.4											
1400	10.4	10.8				10.6											
1430	10.5	9.8				10.2											
1500	9.5	9.5				9.5											
1530	8.7	9.6				9.2											
1600	9.3	11.0				10.2											
1630	11.8	13.8				12.8											
1700	12.1	12.2				12.2											
1730	16.9	18.0				17.4											
1800	17.4	15.8				16.6											
1830	16.1	15.8				16.0											
1900	13.5	13.2				13.4											
1930	14.2	15.0				14.6											
2000	14.7	14.6				14.6											
2030	16.4	17.0				16.7											
2100	18.0	18.6				18.3											
2130	19.2	19.7				19.4											
2200	20.0	20.5				20.2											
2230	19.5	20.6				20.0											
2300	20.4	19.2				19.8											
2330	19.5	20.5				20.0											
2400	20.0	20.4				20.2											

308.83 + 0
0.9800

Span _____ Zero _____ Freezer Temp. _____

Date Dec 22, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

16.75 (64)
325.92

	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
0030	38.4	38.2				33.3											
0100	36.4	33.0				34.7											
0130	42.2	40.3				41.2											
0200	36.7	41.4				39.0											
0230	34.1	39.9				32.0											
0300	39.0	26.4				27.7											
0330	25.1	23.3				24.2											
0400	33.2	24.0				23.6											
0430	23.5	24.4				24.0											
0500	24.3	16.6				20.4											
0530	21.2	21.7				21.4											
0600	21.7	21.6				21.6											
0630	21.0	19.4				20.2											
0700	19.3	17.9				17.6											
0730	19.1	19.7				19.4											
0800	19.2	19.9				19.6											
0830	19.0	17.7				18.4											
0900	16.2	M				17.2											
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700	5.0	5.0				5.0											
1730	5.0	4.6				4.8											
1800	4.8	4.6				4.7											
1830	8.4	6.8				7.6											
1900	7.4	7.0				7.2											
1930	6.9	6.5				6.7											
2000	7.3	6.5				6.9											
2030	8.2	M				8.2											
2100	6.4	6.9				6.6											
2130	8.6	7.9				8.2											
2200	7.4	7.2				7.3											
2230	6.5	5.4				6.0											
2300	5.7	6.2				6.0											
2330	6.7	5.5				6.1											
2400	6.3	6.2				6.2											

0851 Weather - foggy,
vis 2 mi, clouds
cir 8/10, Wind SSE 3K

{ Equilibrator air

{ Leak in
air
system{ Equilibrator
testsCir clouds in S, Vis 15 mi
Wind SW ~ 10K
450 psi308.83 + 5
0.9800

CARBON DIOXIDE DATA

STATION

510

Sheet No.

Span _____ Zero _____

Freezer Temp. _____

Date Dec. 21, 1958

One ordinate - _____ ppm

Flow _____ lpm

Working Ref. Tank

83

From Ref tank test of _____

Tank Press. _____ psi

Obs. _____

36.08 (94)

339.52

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	
0030	20.7	19.8				20.2											
0100	20.6	19.8				20.2											
0130	19.7	20.0				19.8											
0200	20.9	22.1				21.5											
0230	20.0	18.7				19.4											
0300	18.4	17.1				17.8											
0330	15.1	15.5				15.3	✓										
0400	19.6	20.0				19.8											
0430	26.7	35.5				31.1	} 730										
0500	26.9	35.8				36.4											
0530	31.6	32.8				32.2											
0600	32.7	32.7				32.7											
0630	33.3	32.1				32.7											
0700	32.2	31.9				32.0											
0730	28.9	27.0				28.4											
0800	26.6	25.6				26.1											
0830	28.2	27.9				28.0											
0900	28.6	27.6				28.1											
0930	27.4	28.0				27.7											
1000	28.2	27.7				28.0											
1030	27.4	27.5				27.4											
1100	28.4	28.3				28.4											
1130	28.2	28.6				28.4											
1200	27.7	27.1				28.4											
1230	30.5	28.7				29.6											
1300	27.9	27.0				27.4											
1330	23.1	22.9				23.0											
1400	23.0	23.5				23.2											
1430	24.0	24.3				24.2											
1500	24.2	24.9				24.6											
1530	26.9	27.2				28.0											
1600	32.3	32.3				32.3	} > 30										
1630	33.7	34.4				34.0											
1700	35.4	36.3				35.8											
1730	36.1	35.2				35.6											
1800	26.1	26.9				26.5											
1830	M	45.2				45.2	}										
1900	41.1	40.4				40.8											
1930	41.0	39.8				39.9											
2000	40.0	39.5				39.8	} > 30										
2030	39.6	39.2				39.4											
2100	39.5	38.9				39.2											
2130	38.3	37.1				38.7											
2200	M	33.8				33.8	}										
2230	28.1	25.9				27.0											
2300	28.3	33.4				30.8											
2330	42.7	48.1				45.4	} > 30										
2400	51.0	48.4				49.7											

308.83 + 5
0.9800

CARBON DIOXIDE DATA

STATION

STO

Sheet No.

Span _____ Zero _____ Freezer Temp. _____

Date Dec 20

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

27.35 (97)
336.74

	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
0030	31.5	30.7				31.1											
0100	28.9	28.2				28.6											
0130	27.1	27.1				27.1											
0200	26.6	25.8				26.2											
0230	24.1	24.4				24.2											
0300	21.0	15.8				18.4											
0330	15.3	13.2				14.2											
0400	16.0	16.5				16.2											
0430	19.4	15.6				17.5											
0500	13.8	16.4				15.1											
0530	16.6	14.8				15.7											
0600	15.8	16.5				16.2											
0630	16.8	18.6				17.7											
0700	17.9	18.1				18.0											Weather - hazy, vis. 2 mi, wind
0730	17.4	17.6				17.5											calm; cloud 4/10
0800	17.1	17.2				17.2											
0830	14.9	15.5				15.2											
0900	15.7	15.4				15.6											
0930	16.0	15.7				15.8											
1000	15.9	12.8				14.4											
1030	16.4	19.5				18.0											
1100	20.0	14.9				17.4											
1130	16.0	14.8				15.4											
1200	16.1	22.4				19.2											
1230	18.1	17.9				18.0											
1300	18.1	18.0				18.0											
1330	19.4	22.0				20.7											
1400	22.5	22.7				25.6											
1430	30.0	27.9				30.0											
1500	27.7	27.4				29.6											
1530	27.8	28.6				29.2											
1600	28.5	28.9				28.7											
1630	34.0	34.2				34.1											
1700	36.6	36.1				36.4											
1730	37.4	38.3				37.8											
1800	40.5	40.7				40.6											
1830	40.7	40.6				40.6											
1900	42.1	42.9				42.5											
1930	43.5	43.2				43.4											
2000	41.0	43.5				42.2											
2030	46.4	47.4				46.9											
2100	48.8	50.8				49.8											
2130	52.2	50.0				51.1											
2200	50.1	50.8				50.4											
2230	52.6	50.1				51.4											
2300	51.3	46.0				48.6											
2330	44.4	20.9				22.6											
2400	21.2	24.1				22.6											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____

Zero _____

Freezer Temp. _____

Date Dec. 18, 1958

One ordinate - _____ ppm

Flow _____ lpm

Working Ref. Tank 83

From Ref tank test of _____

Tank Press. 690 psi

Obs. _____

22.13 (37)
331.41

	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
0030	28.4	29.0				28.7											
0100	28.4	29.8				29.4											
0130	28.4	28.6				28.0											
0200	27.8	26.3				27.0											
0230	28.5	26.1				27.3											
0300	26.5	25.1				25.8											
0330	23.5	21.6				22.6											
0400	21.0	21.1				21.0											
0430	20.5	21.0				20.8											
0500	19.8	18.7				19.2											
0530	17.5	15.8				16.6											
0600	16.8	16.0				16.4											
0630	19.5	18.1				18.8											
0700	17.2	18.8				18.0											
0730	18.7	17.1				17.9											
0800	13.8	14.5				14.2											
0830	20.1	17.5				18.8	✓	clear	6 mi					0			haze
0900	19.7	-				19.7											
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																	

Ref gas test

Very poor trace (discarded)

cause - very low flow (bad flow tube)

308.83 + 0
0.9800

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 17, 1958

One ordinate - _____ ppm

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

Tank Press. _____ psi Obs. _____

17.63(95)
326.82

	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
0030	26.1	19.7				22.9											
0100	22.8	19.0				20.9											
0130	20.6	23.1				21.8											
0200	22.2	20.5				21.4											
0230	22.2	19.7				21.0											
0300	20.6	17.5				19.0											
0330	16.5	18.2				17.4											
0400	16.8	16.4				16.6											
0430	18.4	15.0				16.7											
0500	15.1	13.5				14.3											
0530	10.1	11.0				10.6											
0600	10.0	8.6				9.3											
0630	6.9	8.0				7.4											
0700	8.0	9.5				8.8											
0730	8.1	9.0				8.6											
0800	13.3	14.3				13.8											
0830	14.5	14.4				14.4	clear	15mi						0			
0900	-	24.2				24.2											
0930	21.6	19.5				20.6											
1000	23.0	21.5				22.2											
1030	21.2	21.1				21.2											
1100	22.0	19.1				20.6											
1130	19.9	17.5				18.7											
1200	18.1	17.5				17.8											
1230	19.0	17.8				18.4											
1300	16.3	-				16.3											
1330	15.2	11.7				13.4											
1400	10.7	9.0				9.8											
1430	9.5	7.8				8.6											
1500	9.1	10.7				9.9											
1530	11.8	10.7				11.2											
1600	10.0	9.1				9.6											
1630	10.1	11.8				11.0	clear	5mi						0			to ci
1700	14.1	12.5				13.3											
1730	13.2	17.0				15.1											
1800	14.9	12.0				13.4											
1830	15.9	13.8				14.8											
1900	16.4	15.6				16.0											
1930	14.5	18.1				16.3											
2000	17.4	16.0				16.7											
2030	15.8	18.0				16.9											
2100	22.1	24.0				25.6											
2130	28.7	26.0				27.4											
2200	29.5	26.5				28.0											
2230	33.4	33.8				33.6											
2300	34.8	25.6				30.2											
2330	23.7	-				23.7											
2400	36.0	37.9				37.0											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 16, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

11.13 (96)
320.19

	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
0030	5.7	5.0				5.4											
0100	5.1	5.4				5.2											
0130	6.4	6.0				6.2											
0200	6.3	6.3				6.3											
0230	5.5	4.5				5.0											
0300	4.8	5.2				5.0											
0330	5.6	5.8				5.7											
0400	6.0	6.3				6.2											
0430	6.4	6.0				6.2											
0500	6.2	5.9				6.0											
0530	6.1	6.0				6.0											
0600	6.7	7.0				6.8											
0630	7.6	7.0				7.3											
0700	7.5	7.8				7.6											
0730	7.3	7.1				7.2											
0800	7.6	7.1				7.4											
0830	9.0	8.7				8.8	$\frac{1}{10} \text{ ci}$	30 ⁺ mi					0				
0900	7.4	7.4				7.4											
0930	7.8	8.1				8.0											
1000	8.2	7.5				7.8											
1030	7.6	8.0				7.8											
1100	7.8	7.4				7.6											
1130	7.9	7.2				7.6											
1200	7.0	7.2				7.1											
1230	8.2	7.2				7.7											
1300	8.2	8.0				8.1											
1330	7.8	6.5				7.2											
1400	7.2	5.8				6.5											
1430	6.0	5.6				5.8											
1500	7.3	6.6				7.0											
1530	7.8	10.5				9.2											
1600	10.5	12.9				11.7											
1630	13.5	13.7				13.6											
1700	15.7	20.0				17.8											
1730	16.6	13.8				15.2											
1800	17.8	12.8				15.3											
1830	13.6	13.3				13.4											
1900	13.2	14.4				13.8											
1930	13.6	14.0				13.8											
2000	18.0	21.0				19.5											
2030	20.3	20.7				20.5											
2100	19.9	20.8				20.4											
2130	26.4	30.5				28.4											
2200	29.5	23.5				26.5											
2230	23.0	20.6				21.8											
2300	23.2	22.0				22.6											
2330	23.5	22.8				23.2											
2400	24.0	23.3				23.6											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 15, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83From Ref tank test of 9.49 (100)

Tank Press. _____ psi Obs. _____

318.51

	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
0030	5.7	6.7				6.2											
0100	6.1	5.8				6.0											
0130	5.8	5.9				5.8											
0200	5.5	5.4				5.4											
0230	5.8	5.8				5.8											
0300	6.3	6.5				6.4											
0330	6.5	6.8				6.6											
0400	6.5	6.0				6.2											
0430	6.3	5.6				6.0											
0500	5.0	6.6				5.3	✓										
0530	6.3	6.8				6.6											
0600	6.0	5.5				5.8											
0630	5.2	7.4				6.3											
0700	7.0	7.4				7.2											
0730	7.5	7.3				7.4											
0800	9.9	7.5				8.7											
0830	7.1	7.3				7.2	Ci 4/10, 30mi							0			
0900	9.8	12.7				11.2											
0930	7.5	8.0				8.8											
1000	7.7	8.4				8.0											
1030	8.1	20.0				14.0											
1100	14.3	13.7				14.0											
1130	11.0	9.5				10.2											
1200	9.0	8.3				8.6											
1230	11.7	9.2				10.4											
1300	10.0	8.7				9.4											
1330	7.3	5.9				6.6											
1400	6.5	8.7				7.6											
1430	10.2	10.9				10.6											
1500	12.1	14.4				13.2											
1530	14.7	14.4				14.6											
1600	15.6	16.0				15.8											
1630	17.0	17.1				17.0	Ci + strat at sea		10mi				SSE	0.4 kts			clear overhead some haze
1700	17.3	17.0				17.2											
1730	19.0	14.7				16.8											
1800	15.5	15.5				15.5											
1830	14.0	14.5				14.2											
1900	14.8	15.0				14.9											
1930	14.5	13.0				13.8											
2000	13.1	10.2				11.6											
2030	11.0	7.1				9.0											
2100	8.5	7.1				7.8											
2130	8.4	7.5				8.0											
2200	7.5	9.5				8.5											
2230	10.5	10.9				10.7											
2300	9.3	8.8				9.0											
2330	7.1	7.1				7.1											
2400	7.6	8.0				7.8											

HN 83/7.1 7.7

308.83 + 0
0.4800

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 14, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

321.55

	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
0030	14.1	15.1				14.6											
0100	14.1	16.0				15.0											
0130	14.5	13.3				13.9											
0200	14.6	12.3				13.2											
0230	11.6	13.1				12.4											
0300	14.2	10.1				12.2											
0330	9.6	9.6				9.6											
0400	9.5	11.6				10.6											
0430	10.5	10.5				10.5											
0500	10.5	10.3				10.4											
0530	9.3	8.9				9.2											
0600	9.2	9.0				9.1											
0630	11.0	10.2				10.6											
0700	11.0	9.7				10.4											
0730	8.0	10.9				9.0											
0800	10.8	10.1				10.4											
0830	10.7	10.9				10.8											
0900	10.5	10.8				10.6											
0930	10.7	13.1				11.9											
1000	11.0	11.1				11.0											
1030	11.3	10.5				10.9											
1100	11.3	10.6				11.0											
1130	11.0	9.3				10.2											
1200	10.3	9.5				9.9											
1230	10.5	10.0				10.2											
1300	12.4	12.4				12.4											
1330	-	15.0				15.0	(S)	ci	5mi				NNE 4kt				smog
1400	20.1	17.5				18.8											
1430	-	22.0				22.0	(S)										
1500	-	26.6				26.6	(S)										
1530	-	29.4				29.4	(S)										
1600	-	27.3				27.3	(S)										
1630	-	22.9				22.9	(S)										
1700	-	25.4				25.4	(S)										
1730	-	26.4				26.4	(S)										
1800	26.0	-				26.0	(S)										
1830	10.1	6.5				8.3											
1900	-	5.0				5.0	(S)										
1930	6.0	5.0				5.5											
2000	6.9	7.0				7.0											
2030	5.5	5.0				5.2											
2100	5.7	5.2				5.4											
2130	5.1	5.1				5.1											
2200	5.0	5.0				5.0											
2230	5.4	4.9				5.2											
2300	5.2	5.3				5.2											
2330	5.7	5.3				5.5											
2400	5.2	6.7				6.0											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 13, 1968

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

15.68 (98)
324.82

	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
0030	27.2	28.2				27.7											
0100	27.9	28.0				28.0											
0130	27.5	32.2				29.8											
0200	30.9	27.4				29.2											
0230	29.0	29.4				29.2											
0300	29.1	30.7				29.9											
0330	34.2	34.3				34.2											
0400	33.0	31.5				32.2											
0430	31.5	33.1				32.3											
0500	34.4	34.0				34.2											
0530	27.7	27.2				27.4											
0600	27.6	29.1				28.4											
0630	30.4	25.0				27.7											
0700	23.3	15.6				19.4											
0730	16.5	17.0				16.8											
0800	16.5	13.3				14.9											
0830	12.0	12.7				12.4											
0900	12.1	12.3				12.2											
0930	12.5	11.8				12.2											
1000	12.1	11.2				11.6											
1030	11.5	10.9				11.2											
1100	11.1	11.0				11.0											
1130	10.5	9.8				10.2											
1200	10.0	9.4				9.7											
1230	10.4	9.5				10.0											
1300	10.4	9.5				10.0											
1330	10.8	8.0				9.4											
1400	8.5	7.5				8.0											
1430	7.4	7.5				7.4	clear	10 mi					SW 4 kt				
1500	9.0	7.9				8.4											
1530	8.5	-				8.5	(5)										
1600	7.6	7.4				7.5											
1630	7.5	7.1				7.3											
1700	7.1	6.4				6.8											
1730	7.0	6.6				6.8											
1800	7.3	7.1				7.2											
1830	8.0	-				8.0	(5)										
1900	8.5	8.4				8.4											
1930	8.8	9.0				8.9											
2000	10.8	8.8				9.8											
2030	9.1	10.9				10.0											
2100	11.4	8.5				10.0											
2130	9.1	10.1				9.6											
2200	11.0	8.7				9.8											
2230	9.2	9.8				9.5											
2300	10.3	11.1				10.7											
2330	9.4	12.0				10.7											
2400	13.2	10.5				11.8											

308.83 + 5
0.9800

HN 11.3/10.1

10.7

CARBON DIOXIDE DATA

STATION

Sheet No.

Span

Zero

Freezer Temp.

Date

Dec. 12, 1958

One ordinate - ppm

Flow lpm

Working Ref. Tank

From Ref tank test of

Tank Press. psi

Obs.

15.86 (98)

325.01

	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
0030	14.7	13.5				14.1											
0100	13.4	13.6				13.5											
0130	11.0	11.0				11.0											
0200	11.3	11.7				11.5											
0230	11.3	13.8				12.6											
0300	11.9	11.7				11.8											
0330	14.3	18.2				16.2											
0400	16.2	16.3				16.2											
0430	22.0	20.5				21.2											
0500	19.7	15.9				17.8											
0530	18.4	17.7				17.8											
0600	17.6	17.5				17.6											
0630	19.8	16.2				18.0											
0700	15.9	15.6				15.8											
0730	15.9	16.0				16.0											
0800	16.2	15.3				15.8											
0830	16.9	15.0				16.0	Clear	15 mi					SE	2-4			
0900	17.6	19.2				18.4											
0930	18.1	16.6				17.4											
1000	17.4	16.9				17.2											
1030	17.0	16.8				16.9											
1100	16.0	14.2				15.1											
1130	16.0	15.1				15.6											
1200	15.3	16.5				15.9											
1230	19.2	16.2				17.7											
1300	15.2	14.1				14.6											
1330	15.3	13.5				14.4											
1400	14.3	11.7				13.0											
1430	13.0	14.0				13.5											
1500	15.1	14.0				14.6											
1530	12.7	10.9				11.8											
1600	11.5	10.0				10.8	✓										
1630	11.0	11.0				11.0	clear	5 mi					NE	3-5 kts			
1700	12.0	10.6				11.3											
1730	13.7	12.0				12.8											
1800	12.8	12.5				12.6											
1830	12.0	11.5				11.8											
1900	11.8	17.4				14.9											
1930	15.2	15.2				15.2											
2000	12.4	12.4				12.4											
2030	12.2	13.5				12.8											
2100	20.2	18.0				19.1											
2130	17.0	16.8				16.9											
2200	16.5	17.2				16.8											
2230	16.1	24.5				20.3											
2300	28.0	30.0				29.0											
2330	32.5	23.0				27.7											308-83 + 5
2400	25.5	26.1				25.8											0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 11, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

324.1415.00 (79)

	33.0	31.6			L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
	L1	L2	L3	L4													
0030	30.7	30.7				30.7											
0100	23.7	29.6				26.6											
0130	28.3	28.2				28.2											
0200	27.7	26.4				27.0											
0230	-	-				-											
0300	19.2	13.7				16.0											
0330	18.5	14.5				16.5											
0400	15.4	14.5				15.0											
0430	11.3	18.8				15.0											
0500	6.5	7.1				6.8											
0530	7.5	-				7.5 (s)											
0600	-	-				-											
0630	-	-				-											
0700	7.0	6.0				6.5											
0730	5.3	5.8				5.6											
0800	11.7	10.3				11.0											
0830	10.2	13.0				11.6	clear	30-35 mi					0				
0900	10.1	8.6				9.3											
0930	8.3	8.1				8.2											
1000	10.5	8.5				9.5											
1030	9.2	7.1				8.2											
1100	8.0	6.8				7.4											
1130	11.3	9.4				10.4											
1200	9.2	8.7				9.0											
1230	9.8	8.5				9.2											
1300	8.9	8.2				8.6											
1330	8.5	8.2				8.4											
1400	8.6	7.8				8.2											
1430	9.7	12.7				10.9											
1500	-	-				-											
1530	-	-				-											
1600	-	-				-											
1630	-	-				-											
1700	-	-				-	clear	4 mi					NNE 0-2 kt				haze
1730	-	-				-											
1800	26.5	24.6				25.2											
1830	20.6	13.7				18.2											
1900	14.2	14.5				14.4											
1930	14.0	14.4				14.4											
2000	15.5	15.8				15.6											
2030	16.8	16.6				16.7											
2100	17.9	17.4				17.6											
2130	18.1	21.1				19.6											
2200	18.8	18.0				18.4											
2230	19.2	18.2				18.7											
2300	19.6	20.0				19.8											
2330	19.2	19.0				19.1											
2400	20.0	17.5				18.8											

308.83 + 0
0.9800

STATION

Sheet No.

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 10, 1958

One ordinate - _____ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of

Tank Press. _____ psi Obs. _____

30.61 (100)

340.06

	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
0030	22.6	20.6				21.6											
0100	20.5	19.8				20.2											
0130	19.8	21.0				20.4											
0200	20.7	21.1				20.9											
0230	20.5	21.5				21.0											
0300	21.5	23.2				22.4											
0330	23.5	24.1				23.8											
0400	25.1	27.5				26.3											
0430	27.7	28.9				28.3											
0500	29.0	27.7				28.4											
0530	34.0	29.6				31.8											
0600	25.3	25.3				25.3											
0630	29.6	29.4				29.5											
0700	26.1	26.5				26.3											
0730	31.2	29.5				30.4											
0800	29.5	26.9				28.2											
0830	26.1	25.2				25.6	Clear	1-2 mi	Foggy					0			some ci-strat at sea
0900	24.5	22.5				23.5											
0930	19.3	19.0				19.2											
1000	19.7	19.2				19.4											
1030	18.8	16.5				17.4											
1100	17.0	16.9				17.0	✓										
1130	17.4	17.0				17.2											
1200	17.5	17.2				17.4											
1230	18.9	29.5				24.2											
1300	30.5	28.9				29.7											
1330	31.5	32.0				31.8											
1400	32.3	34.0				33.2											
1430	36.4	36.6				36.5											
1500	43.6	35.6				39.6											
1530	59.1	27.4				28.6											
1600	36.8	40.5				35.6											
1630	40.4	41.4				40.9	clear	1 mi						0			heavy haze
1700	43.8	47.7				45.8											
1730	52.5	52.8				52.6											
1800	58.6	55.7				57.2											
1830	58.0	52.5				54.2											
1900	52.0	50.5				51.2											
1930	56.5	57.0				56.8											
2000	57.0	57.6				54.3											
2030	38.8	38.0				38.4											
2100	40.8	36.5				39.6											
2130	36.4	37.6				37.0											
2200	20.1	21.5				20.8											
2230	17.9	13.3				15.6											
2300	24.5	29.5				27.0											
2330	42.5	30.7				36.6											
2400	27.7	30.7				29.2											
	31.1	33.9				32.5											
																	308.83 + 5 0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 9, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank _____

Tank Press. _____ psi Obs. _____

From Ref tank test of _____

	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
0030	21.5	20.6				21.0											
0100	22.6	23.6				23.1											
0130	23.7	23.8				23.8											
0200	22.6	21.5				22.0											
0230	22.5	23.1				22.8											
0300	22.2	23.0				22.6											
0330	24.2	25.1				24.6											
0400	25.1	25.2				25.2											
0430	24.5	23.8				24.2											
0500	21.3	21.0				21.2											
0530	20.6	20.6				20.6											
0600	21.4	24.1				22.8											
0630	22.1	20.9				21.5											
0700	20.5	21.4				21.0											
0730	20.8	22.8				21.8											
0800	24.5	26.5				25.5											
0830	24.5	26.7				25.6											
0900	25.4	22.5				23.4	OVC	1mi	Fog				E 4kts				
0930	19.5	16.4				17.0											
1000	17.5	18.6				18.0											
1030	18.5	17.1				17.8											
1100	14.1	11.7				12.9											
1130	11.1	10.2				10.9											
1200	10.9	10.8				10.8											
1230	11.5	11.5				11.5											
1300	12.0	11.5				11.8											
1330	12.8	12.1				12.4											
1400	13.0	12.5				12.8											
1430	11.6	11.4				11.5											
1500	12.0	11.1				11.6											
1530	12.0	12.0				12.0											
1600	12.6	12.1				12.4											
1630	12.5	10.0				11.2											
1700	9.4	9.1				9.2	✓ Clear	2mi					NNW 4H.				haze + Fog
1730	11.6	15.0				13.3											
1800	14.5	15.5				15.0											
1830	15.5	15.8				15.6											
1900	15.9	16.0				16.0											
1930	16.0	19.4				17.7											
2000	16.0	17.7				17.8											
2030	18.4	14.5				16.4											
2100	12.0	12.5				12.2											
2130	17.2	17.0				17.1											
2200	17.0	20.1				18.6											
2230	19.2	20.4				19.8											
2300	19.7	20.3				19.8											
2330	20.5	19.3				19.9											
2400	17.0	19.0				18.0											
	19.3	19.0				19.2											

308.83 + 5
0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 8, 1958Flow _____ lpm Working Ref. Tank 83 One ordinate - _____ ppm

Tank Press. _____ psi Obs. _____

From Ref tank test of _____

23.92 (98)
33324

	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
0030	28.2	26.1				27.2											
0100	26.6	25.4				26.0											
0130	26.5	26.4				26.4											
0200	27.0	27.0				27.0											
0230	27.6	28.3				28.0											
0300	27.8	27.6				27.7											
0330	27.3	27.0				27.2											
0400	28.0	28.1				28.0											
0430	27.5	27.5				27.5											
0500	28.0	28.2				28.1											
0530	28.1	26.7				27.4											
0600	26.1	26.1				26.1											
0630	27.5	26.6				27.0											
0700	26.5	25.5				26.0											
0730	25.9	27.7				26.7											
0800	24.9	23.8				24.4											
0830	24.4	23.9				24.2	Fog	$\frac{1}{2}$ mi					SE	0-2			
0900	27.5	25.9				26.7											
0930	25.5	24.2				24.8											
1000	25.5	23.5				24.5											
1030	21.5	21.0				21.2											
1100	19.3	18.5				18.9											
1130	18.7	18.4				18.6											
1200	18.3	17.7				18.0											
1230	19.0	20.2				19.6											
1300	20.3	20.1				20.2											
1330	21.0	22.7				21.8											
1400	23.5	23.8				23.6											
1430	25.0	24.5				24.8											
1500	24.9	23.1				24.0											
1530	24.0	23.5				23.8											
1600	22.5	23.0				22.8											
1630	22.2	22.0				22.1	OVC	$\frac{3}{4}$ mi					N	0-1 kt.			
1700	22.1	22.2				22.2											
1730	22.1	21.5				21.8											
1800	20.7	20.5				20.6											
1830	20.3	20.3				20.3											
1900	21.0	21.0				21.0											
1930	21.0	23.7				22.4											
2000	22.2	25.9				24.0											
2030	23.4	24.5				24.0											
2100	25.3	29.1				27.3											
2130	24.5	24.0				24.2											
2200	22.5	22.2				22.4											
2230	21.5	20.9				21.2											
2300	20.8	20.6				20.6											
2330	26.1	24.1				24.6											
2400	23.6	22.9				23.2											

HN 22.0/22.5/

22.2

308.83 + 5
0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 7, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

24.07 (100)
333.38

	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
0030	24.1	23.5				23.8											
0100	24.7	24.6				24.6											
0130	24.1	23.5				23.8											
0200	23.0	23.0				23.0											
0230	23.3	23.3				23.3											
0300	23.7	23.7				23.7											
0330	23.8	23.5				23.6											
0400	24.2	24.0				24.1											
0430	24.0	24.0				24.0											
0500	23.3	21.5				22.4											
0530	22.0	22.1				22.0											
0600	21.9	22.0				22.0											
0630	22.1	23.2				22.6											
0700	22.3	22.1				22.2											
0730	22.2	23.6				22.9											
0800	23.3	23.3				23.3											
0830	23.5	23.0				23.2											
0900	23.2	22.5				22.8											
0930	22.2	22.0				22.1											
1000	22.0	22.0				22.0											
1030	22.0	21.8				21.9											
1100	21.3	21.4				21.4											
1130	21.5	20.9				21.2											
1200	21.1	20.1				20.6											
1230	21.2	20.8				21.0											
1300	21.7	21.1				21.4											
1330	22.0	22.5				22.2											
1400	24.5	24.8				24.6											
1430	25.7	24.9				25.3											
1500	25.0	24.6				24.8											
1530	25.0	23.9				24.4											
1600	23.6	22.1				22.8											
1630	21.8	22.1				22.0											
1700	19.8	20.4				20.4											
1730	20.4	21.9				21.2											
1800	24.6	23.6				24.1											
1830	23.5	22.0				22.8											
1900	23.8	25.0				24.4											
1930	24.7	26.0				25.4											
2000	27.1	28.5				27.8											
2030	28.2	28.5				28.4											
2100	29.4	28.5				29.0											
2130	28.6	28.8				28.7											
2200	27.7	29.3				28.5											
2230	29.6	29.0				29.2											
2300	27.8	27.8				27.8											
2330	27.4	28.4				27.9											
2400	29.6	30.2				29.9											

HN 290/28.8

28.9

308.83 + 0

0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 6, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

13.03 (96)
322.13

	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
0030	7.9	9.0				8.4											
0100	8.6	9.1				8.8											
0130	9.5	9.0				9.2											
0200	9.3	9.2				9.2											
0230	9.5	9.2				9.4											
0300	9.5	9.5				9.5											
0330	9.2	9.1				9.2											
0400	10.6	10.1				10.4											
0430	10.3	9.7				10.0											
0500	9.4	8.7				9.0											
0530	9.0	8.6				8.8											
0600	8.9	8.7				8.8											
0630	8.7	8.5				8.6											
0700	8.8	8.8				8.8											
0730	9.0	8.6				8.8											
0800	8.7	8.3				8.5											
0830	8.0	8.4				8.2	OVC	2mi	Light fog				N 6 kt.				
0900	8.7	8.4				8.6											
0930	8.1	7.7				8.4											
1000	8.0	8.0				8.0											
1030	8.0	8.0				8.0											
1100	8.0	7.6				7.8	✓										
1130	8.0	7.9				8.0											
1200	8.9	9.0				9.0											
1230	9.7	9.7				9.7											
1300	10.3	11.7				11.0											
1330	12.5	12.7				12.6											
1400	13.2	13.2				13.2											
1430	13.8	13.7				13.8											
1500	14.4	14.3				14.4											
1530	15.2	14.5				14.8	Clear	2.3mi					6-10 Nul				
1600	15.3	-				15.3 (s)							Kt.				
1630	-	11.1				11.1 (s)											
1700	14.4	14.6				14.5											
1730	17.1	17.2				17.2											
1800	16.4	16.0				16.2											
1830	15.8	15.6				15.7											
1900	15.6	17.6				16.6											
1930	19.0	21.0				20.0											
2000	21.2	22.1				21.6											
2030	23.2	24.6				23.9											
2100	25.0	24.9				25.0											
2130	23.0	21.7				22.4											
2200	20.0	19.0				19.5											
2230	22.4	20.8				21.6											
2300	21.6	22.5				22.0											
2330	22.7	22.5				22.6											
2400	24.8	22.8				23.8											

308.83 + 0
29800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 5, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

8.31 (91)
317.51

	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
0030	8.0	8.7				8.4											
0100	9.0	9.8				9.4											
0130	7.8	7.7				7.8											
0200	7.3	7.5				7.4											
0230	7.6	9.0				8.3											
0300	8.1	8.6				8.4											
0330	7.5	8.0				7.8											
0400	6.6	7.0				6.8											
0430	9.0	9.7				9.4											
0500	9.5	10.5				10.0											
0530	9.6	9.8				9.7											
0600	9.2	9.5				9.4											
0630	9.4	10.5				10.0											
0700	10.8	11.3				11.0											
0730	12.3	13.3				12.8											
0800	11.9	12.8				12.4											
0830	11.5	12.5				12.0	OV C	5mi					E 5kt				haze
0900	10.0	12.5				11.2	2000'										
0930	7.7	10.6				9.2											
1000	6.9	-				6.9											
1030	6.8	-				6.8											
1100	6.1	-				6.1											
1130	6.7	-				6.7	(s)										
1200	6.6	-				6.6											
1230	7.0	-				7.0											
1300	7.1	-				7.1											
1330	7.5	-				7.5											
1400	8.1	8.8				8.4											
1430	9.5	9.9				9.7											
1500	8.8	-				8.8	(s)										
1530	7.1	7.0				7.0											
1600	7.8	7.0				7.4											
1630	7.0	7.0				7.0	OV C	5mi					W 5kt				
1700	6.4	7.0				6.7											
1730	7.0	7.8				7.4											
1800	7.3	7.0				7.2											
1830	7.3	7.5				7.4											
1900	7.8	8.1				8.0											
1930	8.0	7.9				8.0											
2000	8.0	7.3				7.6											
2030	7.1	7.0				7.0											
2100	7.5	7.0				7.2											
2130	7.0	7.0				7.0											
2200	7.3	7.2				7.2											
2230	8.0	7.7				7.8											
2300	8.0	7.8				7.9											
2330	8.3	8.4				8.4											
2400	8.1	8.5				8.6											
																	308.83 + 5 0.9800

HN 7.7 8.0 7.8

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 4, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

10.88 (92)319.93

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	9.4	10.6				10.0										
0100	12.5	12.8				12.6										
0130	12.3	13.0				12.6										
0200	13.3	14.1				13.7										
0230	12.0	11.4				11.7										
0300	11.3	11.0				11.2										
0330	10.0	10.3				10.2										
0400	10.7	10.4				10.6										
0430	10.7	10.5				10.6										
0500	9.1	9.4				9.2										
0530	10.2	9.8				9.8										
0600	10.0	10.4				10.2										
0630	10.0	9.6				9.8										
0700	11.7	12.8				12.2										
0730	13.4	13.6				13.5										
0800	12.6	13.6				13.1										
0830	15.2	15.5				15.4	Clear	10-15 mi						0		
0900	13.6	15.6				14.6										
0930	13.5	14.0				13.8										
1000	14.1	-				14.1 (s)										
1030	16.0	-				16.0 (s)										
1100	21.0	22.5				21.8										
1130	16.1	-				16.1 (s)										
1200	9.8	-				9.8 (s)										
1230	9.5	11.1				10.0										
1300	8.7	10.0				9.4										
1330	8.0	9.7				8.8										
1400	9.1	10.0				9.6										
1430	9.5	11.0				10.2										
1500	10.8	10.8				10.8										
1530	10.0	10.0				10.0										
1600	8.8	9.4				9.1										
1630	8.6	-				8.6 (s) strat.										
1700	8.1	-				8.1 (s) 1000-1500'	10/10	Vis 8 mi	5 kts							
1730	8.0	10.0				9.0										
1800	9.0	9.2				9.1										
1830	10.0	11.5				10.8										
1900	9.5	9.9				9.7										
1930	11.1	14.0				13.0										
2000	10.8	13.0				12.4										
2030	10.3	9.5				9.9										
2100	9.0	8.0				8.5										
2130	7.7	7.5				7.6										
2200	6.2	7.3				6.8										
2230	6.1	7.8				7.0										
2300	6.3	7.5				6.9										
2330	6.7	7.4				7.0										
2400	7.5	8.2				7.8										

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Dec 3, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

1357 (93)
322.68

	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
0030	15.0	15.4				15.6											
0100	14.3	12.5				13.4											
0130	13.0	12.0				12.5											
0200	10.0	14.1				12.0											
0230	14.2	12.1				13.2											
0300	13.0	-				13.0	(10)										
0330	13.1	12.8				13.0											
0400	10.1	14.8				12.4											
0430	11.1	10.4				10.8											
0500	7.9	16.5				12.2											
0530	15.6	15.5				15.6											
0600	14.7	11.4				13.0											
0630	9.0	8.3				8.6											
0700	9.1	10.1				9.6											
0730	7.2	7.8				7.5											
0800	8.4	9.9				9.1	✓ clear	5 mi					NE 0-2 kt				Fog + smog
0830	10.0	11.3				10.6											
0900	26.0	17.1				21.6											
0930	16.8	13.4				15.1											
1000	20.5	15.6				18.0											
1030	15.3	15.3				15.3											
1100	16.7	15.3				15.5											
1130	15.7	14.9				15.3											
1200	17.4	13.8				15.6											
1230	17.4	13.1				15.2											
1300	14.8	12.7				13.8											
1330	11.0	6.7				8.8											
1400	-	-				-											
1430	-	-				-											
1500	13.4	15.0				14.2											
1530	13.0	13.8				13.4											
1600	13.6	14.0				13.8											
1630	11.9	11.6				11.8											
1700	13.4	12.6				13.0											
1730	11.5	12.5				12.0	clear	6 mi					S 0-1 kt				
1800	12.5	14.7				13.6											
1830	15.5	14.1				14.8											
1900	14.5	14.6				14.6											
1930	12.8	13.9				13.4											
2000	15.0	19.5				17.2											
2030	18.8	16.2				17.5											
2100	15.8	15.5				15.6											
2130	14.1	17.4				15.8											
2200	18.2	17.0				17.6											
2230	17.1	17.9				17.5											
2300	11.9	9.8				10.8											
2330	10.8	9.8				10.3											
2400	9.8	9.8				9.8											

308.83 + 0
0.9800

STATION

Sheet No.

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 2, 1958

One ordinate - _____ppm

Flow _____ lpm _____ Working Ref. Tank _____

From Ref tank test of

Tank Press. _____ psi Obs. _____

19.27

328.49

	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
0030	24.0	17.7				20.8											
0100	13.8	12.1				13.0											
0130	11.3	11.0				11.2											
0200	11.7	13.5				12.3											
0230	12.0	12.5				12.2											
0300	13.2	15.6				14.4											
0330	18.1	18.4				18.2											
0400	10.4	11.3				11.0											
0430	11.0	10.7				10.8											
0500	16.9	13.8				15.1											
0530	12.1	7.8				10.0											
0600	8.5	7.1				7.8											
0630	7.6	7.2				7.4	✓										
0700	7.0	8.0				7.5											
0730	8.1	8.1				8.1											
0800	7.5	7.9				7.7											
0830	10.4	11.5				11.0	clear	30mi						0			
0900	12.0	11.8				11.9											
0930	11.9	12.1				12.0											
1000	12.3	12.5				12.4											
1030	12.8	13.1				12.8											
1100	13.1	12.8				13.0											
1130	13.0	12.6				12.8											
1200	12.1	11.8				12.0											
1230	12.4	12.0				12.2											
1300	12.6	12.0				12.3											
1330	13.2	10.9				10.6											
1400	10.6	10.2				10.4											
1430	11.1	11.0				11.0											
1500	12.2	13.9				13.0											
1530	16.6	18.0				17.3											
1600	23.4	26.6				25.1	33.5(5)										
1630	33.5	-				33.5	contaminated (human)	1mi	Fog					0			changed Zero 340 to 310
1700	36.5	36.0				36.2	clear										
1730	38.5	42.3				30.4											changed Zero 310 to 300
1800	43.4	39.7				41.6											
1830	41.5	40.6				41.0											
1900	37.6	37.6				37.6											
1930	24.2	25.0				24.6											
2000	23.5	23.6				23.6											
2030	31.2	31.5				31.4											
2100	32.3	33.8				33.0											
2130	36.3	34.0				35.2											
2200	33.0	34.5				33.8											
2230	38.0	34.1				36.0											
2300	29.0	31.3				30.2											
2330	26.7	26.3				26.5											
2400	26.2	26.9				26.0											
HN	22.6	17.4				20.0											

STATION

Sheet No.

Span _____ Zero _____ Freezer Temp. _____

Date Dec. 1 1958

One ordinate - _____ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

15.26 (100)

324.40

9.0 9.1				9.0														324.40
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		
0030	6.7	7.2			7.0													
0100	7.8	7.0			7.4													
0130	6.6	6.6			6.6													
0200	6.6	6.8			6.7													
0230	7.7	6.7			7.2													
0300	7.3	7.6			7.4													
0330	7.1	6.0			6.6													
0400	6.1	5.5			5.8													
0430	6.1	6.1			6.1													
0500	6.2	6.4			6.3													
0530	6.2	6.4			6.3													
0600	6.4	6.0			6.2													
0630	5.7	5.9			5.8													
0700	6.4	5.8			6.1													
0730	6.1	6.0			6.0													
0800	7.0	7.3			7.2													
0830	10.7	7.9			9.3	clear	30 mi						0			smog		
0900	6.7	6.5			6.6													
0930	6.5	6.4			6.4													
1000	8.1	8.2			8.2													
1030	8.1	7.9			8.0													
1100	8.5	8.5			8.5													
1130	8.5	8.8			8.6													
1200	9.1	8.8			9.0													
1230	8.7	8.5			8.6													
1300	9.5	10.2			9.8													
1330	13.5	12.1			12.8													
1400	13.6	13.3			13.4													
1430	14.5	16.0			15.2													
1500	17.5	16.8			17.2													
1530	18.1	17.5			17.8													
1600	21.3	23.9			22.6													
1630	32.8	33.5			33.2	clear	5 mi						N 4kt.			smog		
1700	20.1	20.0			20.0													
1730	20.3	20.1			20.2													
1800	19.4	19.8			19.6													
1830	20.4	21.2			20.8													
1900	22.9	22.0			22.4													
1930	20.5	19.8			20.2													
2000	26.0	21.0			26.5													
2030	30.7	31.5			31.1													
2100	29.7	32.0			30.8													
2130	33.2	31.5			32.4													
2200	33.9	31.7			32.5													
2230	32.2	29.0			30.6													
2300	28.5	27.6			28.0													
2330	27.5	28.8			28.2													
2400	29.8	30.4			30.1													
308.83 + 0																29800		

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 30, 1958Flow _____ lpm _____ Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

One ordinate - _____ ppm

	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
0030	5.8	6.0				5.9											
0100	5.5	6.0				5.8											
0130	5.7	6.0				5.8											
0200	6.8	6.3				6.6											
0230	6.7	6.0				6.4											
0300	5.0	5.0				5.0	✓										
0330	6.5	7.8				7.2											
0400	5.6	6.0				5.8											
0430	6.5	5.4				6.0											
0500	5.0	5.2				5.1											
0530	5.8	6.0				5.9											
0600	7.5	6.4				7.0											
0630	6.4	5.5				6.0											
0700	5.6	-				5.6 (s)											
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400	6.8	6.3				6.6	Clear	30 ⁺ mi					N 3 kt.				
1430	6.4	5.8				6.1											
1500	5.9	5.5				5.7											
1530	5.3	5.0				5.2											
1600	5.7	5.5				5.6											
1630	5.4	5.1				5.2											
1700	5.7	5.2				5.4											
1730	5.1	5.5				5.3											
1800	8.5	12.7				10.6											
1830	75.9	13.5				14.7											
1900	9.5	12.6				11.0											
1930	79.7	21.0				20.4											
2000	20.3	17.5				18.9											
2030	22.5	22.6				22.5											
2100	13.5	10.0				11.8											
2130	9.9	9.8				9.8											
2200	9.3	11.1				10.2											
2230	1.8	10.5				9.0											
2300	11.0	11.1				11.0											
2330	10.4	10.6				10.5											
2400	10.0	12.0				11.0											

308.83 + 5
0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 29, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

6.92 (100)
315.89

	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
0030	4.9	5.0				5.0											
0100	5.1	5.5				5.3											
0130	5.5	5.5				5.5											
0200	5.0	5.6				5.3											
0230	5.2	5.1				5.2											
0300	5.5	4.8				5.2											
0330	5.3	5.9				5.6											
0400	6.4	6.0				6.2											
0430	6.1	6.6				6.4											
0500	6.8	6.2				6.5											
0530	6.0	5.6				5.8											
0600	4.1	5.0				4.6	✓										
0630	6.3	6.5				6.4											
0700	6.1	5.5				5.8											
0730	5.3	5.4				5.4											
0800	5.3	7.5				6.4											
0830	12.3	9.5				10.9											
0900	7.6	7.0				7.3											
0930	6.6	5.5				6.0											
1000	5.6	5.2				5.4											
1030	5.8	5.6				5.7	Clear	80 ⁺ mi					N 3 kts				
1100	6.0	5.7				5.8											
1130	7.0	4.1				5.6											
1200	5.2	5.1				5.2											
1230	5.2	4.7				5.0											
1300	5.4	4.7				5.0											
1330	5.2	4.6				4.9											
1400	6.0	5.2				5.6											
1430	5.5	5.6				5.6											
1500	5.5	6.1				5.8											
1530	10.0	12.0				11.0											
1600	15.8	21.0				18.0											
1630	16.8	15.3				16.0											
1700	15.4	13.3				14.4											
1730	12.0	8.4				10.2											
1800	8.0	6.3				7.0											
1830	6.7	9.5				8.1											
1900	10.2	8.6				9.4											
1930	8.0	8.7				8.4											
2000	8.1	7.5				7.8											
2030	10.0	8.5				9.2											
2100	8.2	5.9				7.0											
2130	5.5	5.1				5.3											
2200	5.7	6.0				5.8											
2230	5.5	6.3				5.9											
2300	5.7	6.5				6.1											
2330	5.8	5.6				5.7											
2400	6.0	5.5				5.8											
HN	5.4	5.5				5.4											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 28, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

13.86 (98)

322.97

	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
0030	15.4	15.8				15.6											
0100	18.1	17.0				17.6											
0130	16.0	16.5				16.2											
0200	18.0	19.1				18.6											
0230	19.2	17.8				18.5											
0300	16.8	16.2				16.5											
0330	16.5	15.6				16.0											
0400	16.6	17.5				16.6											
0430	16.1	15.0				15.6											
0500	16.5	14.7				15.6											
0530	15.5	16.6				16.0											
0600	16.2	17.6				16.9											
0630	17.6	16.2				16.9											
0700	17.2	17.1				17.2											
0730	21.4	18.7				20.0											
0800	18.0	19.0				18.5											
0830	16.1	16.5				16.3											
0900	16.1	16.5				16.3											
0930	17.2	17.3				17.2											
1000	18.0	16.7				17.4											
1030	16.8	16.9				16.8											
1100	16.9	18.0				17.4											
1130	17.5	17.1				17.3											
1200	17.5	16.5				17.0											
1230	16.4	15.5				16.0											
1300	14.9	16.0				15.0											
1330	14.2	13.1				13.6											
1400	13.7	12.3				13.0											
1430	11.8	11.0				11.4											
1500	11.1	10.3				10.7											
1530	10.0	13.2				11.6											
1600	18.5	18.5				18.5											
1630	18.5	18.0				18.2											
1700	19.0	18.5				18.8											
1730	17.7	20.4				21.8											
1800	18.4	15.7				17.1											
1830	14.8	6.0				10.4											
1900	5.9	6.1				6.0											
1930	5.5	7.5				6.5											
2000	6.1	6.5				6.3											
2030	6.1	5.1				5.6											
2100	5.4	5.4				5.4											
2130	4.6	4.7				4.6											
2200	4.5	4.8				4.6											
2230	4.5	5.0				4.8											
2300	4.0	4.5				4.2											
2330	4.4	7.4				5.9											
2400	6.1	6.0				6.0											

300 ft.
Fog.N₂ 3 kts308.83 + 5
0.9800

STATION

Sheet No.

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 27, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank

From Ref tank test of

Tank Press. _____ psi Obs. _____

1416 (98)

323.28

	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
0030	11.5	7.6				9.6											
0100	9.1	10.0				9.6											
0130	11.9	10.5				11.2											
0200	10.0	11.0				10.5											
0230	11.3	13.1				12.2											
0300	12.0	11.5				11.8											
0330	11.3	10.5				10.9											
0400	10.8	13.7				12.2											
0430	14.2	17.5				15.8											
0500	14.7	16.0				15.4											
0530	15.2	16.1				15.6											
0600	15.9	16.4				16.2											
0630	15.6	14.9				15.2											
0700	15.6	14.3				15.0											
0730	14.0	13.7				13.8											
0800	14.0	14.2				14.1											
0830	15.3	14.8				14.8											
0900	15.4	14.3				14.8											
0930	15.5	15.2				15.4											
1000	14.0	12.7				13.4											
1030	14.5	15.3				14.9	clear	4 mi					W	5 kt.			
1100	14.5	14.1				14.3		Fog									
1130	14.5	14.2				14.2											
1200	14.6	14.4				14.5											
1230	15.5	15.0				15.2											
1300	16.1	16.5				16.3											
1330	17.3	17.0				17.2											
1400	17.3	17.0				17.2											
1430	16.6	15.0				15.8											
1500	15.0	14.3				14.6											
1530	14.3	13.3				13.8											
1600	14.1	13.5				13.8											
1630	13.7	13.6				13.6											
1700	13.9	13.7				13.8											
1730	13.7	14.2				14.0											
1800	14.1	14.0				14.0											
1830	14.0	14.5				14.2											
1900	15.0	15.5				15.2											
1930	15.3	14.6				15.0											
2000	15.0	15.1				15.0											
2030	15.0	15.4				15.2											
2100	15.5	14.8				15.2											
2130	14.3	14.3				14.3											
2200	14.0	14.0				14.0											
2230	14.0	14.5				14.2											
2300	12.7	13.0				12.8											
2330	13.5	14.3				13.9											
2400	13.4	14.0				13.7											
	16.5	16.3				16.4											
																	308.23 + 0 09800

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 26, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

19.25 (66)
328.47

	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
0030	26.5	27.4				27.0											
0100	26.2	28.0				27.1											
0130	27.9	28.5				28.2											
0200	28.0	26.5				27.2											
0230	25.5	25.4				25.4											
0300	24.6	25.0				24.8											
0330	24.6	23.0				23.8											
0400	24.9	24.9				24.9											
0430	27.8	30.5				29.2											
0500	29.3	29.5				29.4											
0530	35.1	32.1				33.6											
0600	30.0	29.5				29.8											
0630	30.1	29.6				29.8											
0700	29.7	30.1				29.9											
0730	30.1	26.5				28.3											
0800	25.8	24.7				25.2											
0830	21.0	18.6				18.8	Stratus 2mi							0			
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630	8.2	7.9				8.0	Stat. 3000'	4-5mi						5	2kt.		
1700	8.5	7.8				8.2											
1730	7.8	7.3				7.6											
1800	8.7	13.6				11.2											
1830	11.4	11.4				11.4											
1900	10.7	10.2				10.4											
1930	14.0	11.8				12.9											
2000	15.4	10.3				12.8											
2030	10.2	11.0				10.6											
2100	9.5	9.7				9.6											
2130	10.0	9.0				9.5											
2200	11.2	9.0				10.1											
2230	11.0	10.8				10.9											
2300	11.8	9.1				10.4											
2330	10.6	9.5				10.0											
2400	10.6	10.0				10.3											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION 510 PIER

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 25, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

	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
0030	30.5	33.0				31.4											
0100	30.6	30.9				30.8											
0130	30.7	30.8				30.8											
0200	30.6	28.6				29.6											
0230	30.1	30.4				30.2											
0300	32.8	29.7				31.0											
0330	28.7	32.0				30.4											
0400	33.5	30.1				31.8											
0430	29.0	30.0				29.5											
0500	31.2	31.0				31.1											
0530	28.2	29.0				28.6											
0600	23.1	24.0				23.6											
0630	25.0	29.0				27.0											
0700	21.3	27.0				27.2											
0730	24.0	22.1				23.0											
0800	22.2	21.4				21.8											
0830	21.0	18.0				19.5											
0900	19.5					19.5											
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700																	
1730																	
1800																	
1830																	
1900	31.3	32.0				31.6											
1930	14.8	12.6				13.7											
2000	11.1	10.5				10.8											
2030	9.7	10.5				10.1											
2100	10.8	12.9				11.8											
2130	13.0	15.4				14.2											
2200	15.9	18.1				17.0											
2230	22.7	25.2				26.4											
2300	22.8	25.2				24.0											
2330	24.9	26.2				25.6											
2400	26.7	28.6				27.6											

CARBON DIOXIDE DATA

STATION SIO PIER

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 24, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank _____

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

20.18 (72)
329.42

	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
0030	15.8	16.4				16.1											
0100	15.3	18.0				16.6											
0130	18.0	17.5				17.8											
0200	16.4	17.0				16.7											
0230	16.2	16.3				16.2											
0300	15.6	14.7				15.2											
0330	14.9	14.0				14.4											
0400	13.8	17.3				15.4											
0430	16.9	18.5				17.7											
0500	18.5	17.5				18.0											
0530	17.0	17.0				17.0											
0600	16.0	16.0				16.0											
0630	15.5	14.4				15.0											
0700	14.2	14.5				14.4											
0730	17.8	15.0				16.4											
0800	14.7	15.7				15.2											
0830	15.3	17.1				16.2	ci 1/10	5mi					0				hazy
0900	-	-				-	} testing										
0930	-	-				-											
1000	-	16.3				16.3 (s)											
1030	17.0	16.9				17.0											
1100	16.1	15.5				15.8											
1130	16.5	15.1				15.8											
1200	-	-				-											
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700	-	16.8				16.8 (s)	OVC	3mi					s	2kt			
1730	15.4	15.2				15.3											
1800	17.2	18.1				17.6											
1830	19.0	17.2				18.1											
1900	20.7	22.2				21.4											
1930	23.0	26.1				24.6											
2000	27.9	26.6				27.2											
2030	29.3	29.7				29.5											
2100	31.6	32.5				32.0											
2130	31.5	31.5				31.5											
2200	30.3	32.1				31.2											
2230	34.0	31.5				32.8											
2300	31.0	30.9				31.0											
2330	31.8	30.8				31.3											
2400	29.5	30.5				30.0											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION 510 PIER

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 23, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

16,239.6
325.31

	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
0030	15.0	14.5				14.8											
0100	14.6	14.6				14.6											
0130	16.5	15.0				15.8											
0200	14.1	13.8				14.0											
0230	19.3	15.5				17.4											
0300	15.7	15.7				15.7											
0330	17.8	16.9				17.4											
0400	16.0	16.1				16.0											
0430	16.6	17.1				16.8											
0500	18.6	17.1				17.8											
0530	17.2	17.4				17.3											
0600	19.0	17.6				18.4											
0630	18.3	16.7				17.5											
0700	19.5	19.2				19.4											
0730	18.7	18.1				18.4											
0800	20.0	19.6				19.8											
0830	18.8	18.5				18.6											
0900	18.5	19.0				18.8											
0930	18.8	19.1				19.0											
1000	19.7	19.8				19.8											
1030	20.0	18.4				19.2											
1100	17.3	18.9				18.1											
1130	19.0	18.6				18.8											
1200	18.8	18.4				18.6											
1230	18.0	14.5				16.2											
1300	16.8	16.8				15.8											
1330	17.0	17.6				17.3											
1400	19.1	19.0				19.0											
1430	20.7	18.5				19.6											
1500	19.0	17.5				18.2											
1530	17.8	16.2				17.0											
1600	15.5	14.0				14.8											
1630	14.2	13.4				13.8											
1700	13.5	12.7				13.1											
1730	11.7	11.1				11.4											
1800	10.5	11.2				10.8											
1830	16.6	15.0				15.8											
1900	13.0	13.4				13.2											
1930	13.8	14.0				13.9											
2000	11.0	12.2				11.6											
2030	15.4	14.5				15.0											
2100	14.1	13.4				13.8											
2130	12.5	13.9				13.2											
2200	13.9	14.2				14.0											
2230	15.0	13.8				14.4											
2300	14.0	14.0				14.0											
2330	14.4	15.5				15.0											
2400	16.7	15.5				16.1											

308.83 + 0
0.9800

CARBON DIOXIDE DATA

STATION 510 PIER

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date NOV. 22, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 83 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

	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
0030	21.2	21.4				21.3											
0100	21.0	21.6				21.3											
0130	20.5	20.9				20.7											
0200	20.5	20.7				20.6											
0230	20.0	21.0				20.5											
0300	21.5	20.6				21.0											
0330	21.2	21.8				21.5											
0400	20.5	19.2				19.8											
0430	18.5	17.4				18.0											
0500	18.1	19.0				18.6											
0530	18.1	17.4				17.8											
0600	15.1	14.0				14.6											
0630	13.8	12.5				13.2											
0700	13.1	14.9				14.0											
0730	16.8	18.0				17.4											
0800	15.0	12.6				13.8											
0830	12.5	12.2				12.4											
0900	11.8	11.5				11.6											
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330	15.4	13.9				14.6											
1400	13.4	12.5				13.0											
1430	12.6	11.8				12.2											
1500	11.6	11.6				11.6											
1530	13.0	12.6				12.8											
1600	12.4	11.5				12.0											
1630	11.3	10.8				11.0											
1700	10.2	10.5				10.4											
1730	10.4	11.0				10.7											
1800	11.1	12.5				11.8											
1830	12.0	9.9				11.0											
1900	11.2	13.9				12.6											
1930	13.2	11.0				12.1											
2000	14.0	11.6				12.8											
2030	16.1	10.0				13.0											
2100	15.4	11.8				13.6											
2130	11.2	10.8				11.0											
2200	18.1	13.8				16.0											
2230	13.7	14.2				14.0											
2300	15.1	14.6				14.8											
2330	15.5	15.0				15.2											
2400	12.9	14.5				13.7											

CARBON DIOXIDE DATA

STATION SIOPIER

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 21, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank A-17 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

	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
0030	42.3	46.0				44.2											
0100	40.7	41.5				41.1											
0130	41.7	38.5				40.0											A-17 38.64 (36)
0200	39.5	40.0				39.8											51 11.98 (19)
0230	39.4	38.7				38.8											83 20.21 (38)
0300	38.3	36.6				37.4											
0330	37.6	37.6				37.6											
0400	38.2	36.5				37.4											
0430	38.7	41.8				40.2											
0500	43.5	40.8				42.2											
0530	41.1	39.3				40.2											
0600	35.5	36.0				35.8											
0630	37.0	36.8				36.9											
0700	36.6	37.7				36.6											
0730	35.5	35.5				35.5											
0800	36.6	36.7				36.2											
0830	40.0	35.8				37.9											
0900	37.5	37.9				37.7											
0930	-	-															
1000	-	11.2				11.2											
1030	11.2	12.5				11.8											
1100	13.0	14.3				13.6											
1130	15.2	16.1				15.6											
1200	13.8	12.5				13.2											
1230	13.1	11.4				12.2											
1300	11.1	10.0				11.6											
1330	10.2	9.7				10.0											
1400	10.7	10.0				10.4											
1430	10.5	10.0				10.2											
1500	10.6	9.2				9.9											
1530	9.1	9.5				9.3											
1600	13.4	15.3				14.4											
1630	16.4	17.4				16.9											
1700	18.0	18.6				18.3											
1730	24.6	25.1				24.8											
1800	27.5	25.2				26.4											
1830	24.8	23.9				24.4											
1900	23.1	22.5				22.8											
1930	23.2	25.3				24.2											
2000	22.2	24.3				23.2											
2030	22.5	22.1				22.3											
2100	21.4	23.5				22.4											
2130	19.7	19.3				19.5											
2200	19.8	21.0				20.4											
2230	20.5	21.0				20.8											
2300	21.2	21.5				21.4											
2330	21.3	21.5				21.4											
2400	21.0	21.5				21.2											

A-17 38.64 (36)
 51 11.98 (19)
 83 20.21 (38)

REMARKS

A-17 320.61 (36)
 51 333.67 (19)
 83 329.45 (38)

326.89

Ci + Cu 35 mi
 + alto. Cu 3/10

change Tanks

change Tanks

Ci - strat
 Cu 4/10 2-3 mi

smag

A-17 282.62 + 0
 1.017

51 321.89 + 0
 1.017

83 308.83 + 0
 0.9800

CARBON DIOXIDE DATA

STATION SIO PIER

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 20, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank A-17 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

42.79 (29)324.70

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
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							Clear	12mi					0				smag
1700	-	37.2				37.2	(5)										
1730	41.5	41.5				41.5											
1800	40.5	39.5				40.0											
1830	40.3	41.4				41.0											
1900	43.4	46.9				45.2											
1930	49.3	45.3				47.3											
2000	45.0	43.1				44.4											
2030	43.5	43.5				43.5											
2100	43.1	43.0				43.0											
2130	44.1	43.2				43.6											
2200	43.5	43.0				43.2											
2230	43.3	43.7				43.5											
2300	44.0	43.0				43.5											
2330	44.1	42.5				43.3											
2400	41.6	41.5				41.6											

$$\frac{282.62 + 0}{1.017}$$

CARBON DIOXIDE DATA

STATION 510 PIER

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 19, 1968

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank A-17 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

36.17 (82)
318.19

	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
0030	33.8	33.4				33.6											
0100	32.6	32.5				32.6											
0130	32.1	31.9				32.0											
0200	33.1	33.0				33.0											
0230	33.1	32.8				33.0											
0300	33.9	33.5				33.2											
0330	31.6	33.0				32.3											
0400	33.2	33.0				33.1											
0430	33.8	33.2				33.5											
0500	34.0	32.8				33.4											
0530	33.5	32.5				33.0											
0600	32.8	33.0				32.9											
0630	33.0	33.5				33.2											
0700	32.5	32.3				32.4											
0730	34.7	34.0				34.4											
0800	36.5	36.7				36.6											
0830	37.0	34.1				35.6	Clear	40mi						0			
0900	37.0	36.2				36.6											
0930	36.9	36.1				36.5											
1000	36.0	36.7				36.4											
1030	33.2	33.6				33.4											
1100	35.0	32.8				33.9											
1130	33.0	33.0				33.0											
1200	31.7	32.6				31.8											
1230	33.5	34.2				33.8											
1300	34.5	33.8				34.2											
1330	35.2	34.5				34.8											
1400	34.5	34.3				34.4											
1430	38.5	44.5				41.5											
1500	48.0	42.0				48.0											
1530	48.5	47.7				47.8											
1600	46.0	46.0				46.0											
1630	46.0	42.5				44.2											
1700	43.0	42.0				42.5											
1730	43.0	41.1				42.0	Cl + stat	15mi						0			
1800	42.9	39.8				41.4	3/10										
1830	39.2	38.2				38.7											
1900	39.1	38.6				38.8											
1930	36.1	34.5				35.3											
2000	35.0	35.5				35.2											
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	
2400																	

282.62 + 0
1.017

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 18, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank A-17 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

	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
0030	34.5	33.8				34.2											
0100	34.8	34.5				34.6											
0130	34.5	35.1				34.8											
0200	33.8	33.7				33.4											
0230	33.4	33.0				33.2											
0300	33.9	34.2				34.0											
0330	33.8	34.0				33.9											
0400	34.2	34.0				34.1											
0430	34.2	33.5				33.8											
0500	35.0	34.8				34.9											
0530	35.2	35.2				35.2											
0600	35.6	36.0				35.8											
0630	35.6	37.1				36.4											
0700	38.0	37.5				37.8											
0730	36.5	35.3				36.0											
0800	36.3	37.6				36.6											
0830	36.9	38.2				39.0	clear	35mi					E 5kt				
0900	36.5	34.5				35.0											
0930	34.9	34.0				34.4											
1000	34.2	34.1				34.2											
1030	34.8	34.0				34.4											
1100	34.5	33.5				34.0											
1130	34.0	33.1				33.6											
1200	34.3	33.1				33.7											
1230	36.0	33.3				34.6											
1300	33.0	32.4				32.7											
1330	33.2	34.5				33.8											
1400	37.0	31.6				34.3											
1430	33.2	31.8				32.5											
1500	32.1	31.1				31.6											
1530	31.8	31.6				31.7											
1600	31.6	32.1				31.8											
1630	32.9	33.6				33.2	Ci 1/10	15mi					N 16kt				
1700	34.0	34.1				34.2											
1730	32.9	36.2				35.0											
1800	37.8	37.5				37.6											
1830	37.5	34.5				36.0											
1900	32.5	32.6				32.6											
1930	32.0	32.8				32.4											
2000	33.7	32.6				33.2											
2030	35.1	38.6				36.8											
2100	39.8	44.7				42.2											
2130	46.5	46.5				46.5											
2200	41.9	40.7				41.3											
2230	41.0	40.0				40.5											
2300	40.6	40.9				40.8											
2330	40.9	40.4				40.6											
2400	38.5	35.8				37.2											

HN 36.0 | 35.1 | 35.6

282.62 + 0
1.01735.40 (100)
317.43

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 17 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank A-17 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

34.17(40)
316.22

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400							clear	35mi					8 kts	WNW			
1430	326	338				33.2											
1500	337	330				33.4											
1530	338	336				33.7											
1600	340	338				33.9											
1630	335	334				33.4	ci 2/10	30mi					NW	8-10 kts			
1700	335	336				33.6											
1730	335	32.7				33.1											
1800	329	32.8				32.8											
1830	31.2	32.7				32.4											
1900	34.0	34.5				34.2											
1930	33.0	33.3				33.2											
2000	34.0	34.7				34.4											
2030	33.2	33.1				33.4											
2100	34.2	37.0				35.6											
2130	36.9	36.8				36.8											
2200	35.8	35.8				35.8											
2230	35.7	34.8				35.2											
2300	35.5	35.0				35.2											
2330	36.2	35.7				35.4											
2400	34.6	34.5				34.6											282.62 + 0 1.017

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 16, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank A-17 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

32.48 (13)
314.58

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000	32.5	33.5				32.4											
1030	33.0	33.3				33.2											
1100	33.1					33.1 (5)											
1130																	
1200																	
1230																	
1300	-	32.2				32.2 (5)											
1330	32.5	31.7				32.1											
1400	32.1	31.4				31.8											
1430	32.8	32.5				32.6											
1500	32.4	-				32.4 (5)		20-30 mi					NW 15-20 kts		hazy		
1530																	
1600																	
1630																	
1700																	
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	
2400																	282.62 + 5 6017

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 15, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank A-17 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

29.44 (96)
311.57

	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
0030	29.1	29.0				29.1											
0100	29.2	28.8				29.0											
0130	29.2	28.7				29.0											
0200	29.4	30.0				29.7											
0230	29.0	28.7				28.8											
0300	29.0	28.7				28.8											
0330	29.4	28.9				29.2											
0400	28.4	28.8				28.6											
0430	29.6	28.5				29.0											
0500	29.1	29.0				29.0											
0530	29.2	28.5				28.8											
0600	29.3	28.8				29.0											
0630	29.2	28.7				29.0											
0700	29.2	28.5				28.8											
0730	29.3	28.9				29.1											
0800	29.0	28.6				28.8											
0830	29.2	28.7				29.0											
0900	29.2	28.8				29.0											
0930	29.0	28.6				28.8											
1000	29.7	28.9				29.3											
1030	28.8	29.6				29.2											
1100	30.4	29.5				30.0											
1130	30.2	29.2				29.7											
1200	30.0	29.2				29.6											
1230	30.2	29.3				29.8											
1300	30.4	29.1				29.8											
1330	30.4	29.4				29.9											
1400	30.3	29.7				30.0											
1430	-	29.2				29.2											
1500	30.2	29.3				29.8											
1530	30.0	29.0				29.5											
1600	29.9	29.0				29.4											
1630	29.6	29.0				29.3											
1700	30.5	29.8				30.2											
1730	30.0	29.4				29.7											
1800	30.5	29.4				30.0											
1830	30.1	29.2				29.6											
1900	30.0	29.4				29.7											
1930	29.7	29.6				29.6											
2000	30.0	29.3				29.6											
2030	30.1	29.6				29.8											
2100	30.0	29.8				29.9											
2130	30.0	29.7				29.8											
2200	30.0	29.7				29.8											
2230	30.3	30.0				30.2											
2300	30.8	30.0				30.4											
2330	30.8	30.5				30.6											
2400	-	-															

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____

Freezer Temp. _____

-49°F

Date Nov. 14, 1958

One ordinate - _____ ppm

Flow _____ lpm _____

Working Ref. Tank A-17

From Ref tank test of _____

Tank Press. 580 psi

Obs. _____

32.36 (65)
314.44

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830		35.1				35.16											
0900	35.5	35.0				35.2											
79 0930	35.0	32.9				34.0											
1000	32.5	32.0				32.2											
1030	32.2	31.9				32.0											
1100	32.3	32.1				32.2											
1130	32.6	31.9				32.2											
1200	33.1	32.1				32.6											
1230	33.3	33.0				33.2											
80 1300	32.9	35.1				34.0											
1330	34.6	32.5				33.6											
1400	33.1	32.8				33.0											
1430	33.8	33.3				33.6											
1500	34.0	33.5				33.8											
1530	34.0	33.0				33.5											
1600	33.8	32.7				33.2											
1630	33.0	32.1				32.6											
1700	33.3	32.2				32.8											
1730	33.1	32.3				32.8											
1800	33.0	32.1				32.6											
1830	33.0	32.1				32.6											
1900	35.5	34.8				35.2											
1930	34.6	34.6				34.6											
75 2000	35.0	32.5				33.8											
2030	32.9	32.9				32.9											
2100	31.0	29.7				29.8											
2130	30.0	29.2				29.6											
2200	29.5	29.0				29.2											
2230	29.3	29.2				29.2											
2300	29.5	29.1				29.3											
2330	29.5	28.8				29.2											
2400	29.5	28.9				29.2											
HN 29.7 / 28.8																	
29.2																	
282.62 + 5																	
1.017																	

out of chart paper

Stat-Cum.
8/10 2000'6.
mi

ENE 3 kts

Cum 5/10
3000'12.
miSW 4.5
kts282.62 + 5
1.017

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span _____ Zero _____ Freezer Temp. _____

Date Nov. 13, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 9-10 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

35.92
317.99 (55)

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	33.1	32.0				32.6										
0100	33.3	33.1				33.2										
0130	34.0	33.8				33.9										
0200	35.1	35.5				35.3										
0230	35.7	35.5				35.6										
0300	35.8	35.6				35.7										
0330	37.0	36.9				37.0										
0400	36.7	36.5				36.6										
0430	35.8	35.8				35.8										
0500	36.0	35.8				35.9										
0530	36.8	37.0				36.9										
0600	36.8	36.8				36.8										
0630	36.8	36.5				36.6										
0700	37.0	37.1				37.0										
0730	37.8	37.3				37.6										
0800	36.8	37.4				37.1										
0830	36.5	37.5				37.0										
0900	37.5	36.6				37.0										
0930	36.0	35.4				35.7										
1000	35.8	35.0				35.4										
1030	35.3	34.6				35.0										
1100	35.5	34.6				35.0										
1130	35.4	34.4				34.9										
1200	35.4	35.0				35.2										
1230	36.8	35.8				36.3										
1300	38.0	36.0				37.0										
1330	36.8	-				36.8	(5)									
1400																
1430																
1500																
1530																
1600																
1630																
1700																
1730																
1800																
1830																
1900																
1930																
2000																
2030																
2100																
2130																
2200																
2230																
2300																
2330																
2400																

REMARKS

out of chart paper

 $282.62 + 5$
 1.017

CARBON DIOXIDE DATA

STATION _____

Sheet No. _____

Span 340

Zero _____

Freezer Temp. _____

- 49°F

Date Nov. 12, 1958

One ordinate - _____ ppm

Flow 0.259 lpmWorking Ref. Tank A-17

From Ref tank test of _____

Tank Press. 705 psi

Obs. _____

33.42 (98)
315.48

	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
0030	37.6	37.5				37.6											
0100	37.2	36.6				36.9											
0130	37.2	37.0				37.1											
0200	38.2	38.3				38.2											
0230	37.5	36.9				37.2											
0300	37.0	37.0				37.0											
0330	37.5	36.1				36.8											
0400	37.2	36.5				36.8											
0430	37.5	36.0				36.8											
0500	37.4	38.8				38.1											
0530	38.8	38.6				38.7											
0600	38.5	38.6				38.6											
0630	37.8	37.7				38.8											
0700	37.2	37.1				37.2											
0730	39.0	38.6				38.8											
0800	39.3	39.2				39.2											
25 0830	37.9	38.4				36.6	Clear	10-15 mi					SE 6 kt				Cum. - stratus to South + West
86 0900	35.2	33.4				34.3											
112 0930	33.5	37.7				35.6											
41 1000	32.8	31.3				32.0											
27 1030	32.1	30.6				31.4											
1100	31.1	30.5				30.8											
1130	30.9	30.6				30.8											
1200	30.7	30.1				30.4											
1230	31.1	30.0				30.6											
1300	30.5	29.5				30.0											
1330	30.0	30.0				30.0											
1400	30.3	29.6				30.0											
1430	30.9	29.9				30.4											
1500	31.1	30.0				30.6											
1530	30.4	29.5				30.0											
1600	30.2	29.5				29.8											
1630	30.0	29.0				29.5											
1700	29.8	28.5				29.2	Clear	10 mi					W 4 kt				
1730	29.2	28.2				28.7											
1800	29.1	28.8				29.0											
1830	29.7	28.9				29.3											
1900	29.5	30.0				29.8											
1930	30.2	30.5				30.4											
2000	31.4	30.5				31.0											
2030	31.5	31.3				31.4											
2100	34.0	30.0				32.0											
2130	31.9	31.7				31.8											
2200	31.7	31.1				31.4											
2230	32.0	32.1				32.6											
2300	32.3	31.8				32.0											
2330	31.2	32.2				31.7											
2400	31.6	31.5				31.6											

282.62 + 0
1.017

STATION 510 PIER - Anal. 55

Sheet No.

Span 340 Zero 350

Freezer Temp.

Date Nov. 11, 1958

One ordinate - _____ppm

Flow _____ lpm

Working Ref. Tank

From Ref tank test of

Tank Press. _____ psi

Obs. _____

(AH-AL)

303 298
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

35.11 (100)
317.14

[illegible]

HN	40.7	40.6	44.6
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CARBON DIOXIDE DATA

STATION

510 PIER - Anal. 55

Sheet No. _____

Span 340Zero 350

Freezer Temp. _____

Date Nov. 10, 1958

One ordinate - _____ ppm

Flow _____ lpm

Working Ref. Tank A-17

From Ref tank test of _____

Tank Press. _____ psi

Obs. _____

33.00 (98)

315.07

	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
0030	34.9	34.9				35.4											
0100	34.5	34.5				34.5											
0130	34.2	34.0				34.1											
0200	34.3	38.2				36.2											
0230	37.0	43.1				40.0											
0300	41.3	45.1				46.2											
0330	44.5	41.3				42.9											
0400	41.1	40.3				40.7											
0430	39.0	36.0				37.5											
0500	36.1	35.5				35.8											
0530	36.5	35.6				36.0											
0600	35.4	35.5				35.4											
0630	35.8	35.8				35.8											
0700	36.1	35.5				35.8											
0730	37.3	35.0				36.2											
0800	34.7	37.5				36.1											
0830	37.2	39.3				38.2											
0900	39.6	35.8				37.7											
0930	35.8	32.8				34.3											
1000	32.5	30.5				31.5											
1030	31.0	29.2				30.1											
1100	29.3	28.5				28.9											
1130	29.5	29.5				29.5											
1200	29.7	29.7				29.7											
1230	29.4	30.1				29.8											
1300	28.8	28.5				28.6											
1330	27.0	29.0				28.0											
1400	29.1	29.3				29.2											
1430	29.5	29.4				29.4											
1500	29.1	29.1				29.1	OVC 3000'	20 mi					NW 3-5 kt				
1530	28.8	28.4				28.7											
1600	30.1	29.1				29.6											
1630	30.0	32.0				31.0											
1700	30.6	32.4				31.5											
1730	34.1	31.6				32.8											
1800	29.5	28.6				29.0											
1830	30.5	30.4				30.4											
1900	31.6	37.6				34.6											
1930	32.3	31.5				32.2											
2000	30.0	29.1				29.6											
2030	29.8	29.2				29.5											
2100	29.8	29.3				29.6											
2130	30.1	29.2				29.6											
2200	30.1	29.5				29.8											
2230	30.1	29.5				29.8											
2300	30.1	29.8				30.0											
2330	30.5	29.9				30.2											
2400	30.5	29.8				30.2											

282.67 + 5
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350

Freezer Temp. _____

Date Nov. 9, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank A-17

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

35.54 (96)
317.57

	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
0030	39.2	39.0				39.1											
0100	39.8	40.0				39.9											
0130	40.1	40.1				40.1											
0200	39.3	39.5				39.4											
0230	40.0	40.0				40.0											
0300	40.0	39.6				39.8											
0330	38.8	39.1				39.0											
0400	38.4	38.7				38.6											
0430	38.7	38.5				38.6											
0500	38.8	38.3				38.6											
0530	37.8	37.6				37.7											
0600	38.6	39.2				38.9											
0630	39.6	40.5				40.0											
0700	39.1	40.2				40.0											
0730	41.0	37.3				38.6											
0800	38.3	38.0				38.2											
0830	37.5	38.7				38.1											
0900	38.3	38.1				38.7											
0930	38.5	37.9				38.2											
1000	38.1	37.8				38.0											
1030	38.5	37.5				38.0											
1100	37.1	37.2				37.2											
1130	36.9	36.6				36.8											
1200	37.0	36.3				36.6											
1230	35.5	36.1				35.8											
1300	35.3	35.1				35.2											
1330	32.6	33.2				32.9											
1400	32.2	32.4				32.3											
1430	—	—				—											
1500	31.7	31.2				31.4											
1530	31.5	30.6				31.0											
1600	31.0	30.3				30.6											
1630	30.7	29.9				30.3											
1700	30.6	30.6				30.6											
1730	30.5	29.8				30.2											
1800	30.0	29.6				29.8											
1830	29.9	29.1				29.5											
1900	31.7	31.2				31.4											
1930	31.7	32.1				31.9											
2000	32.5	32.0				32.2											
2030	34.3	35.5				34.9											
2100	34.0	31.3				32.7											
2130	32.9	31.9				32.4											
2200	33.0	32.1				32.6											
2230	33.0	37.5				35.2											
2300	35.0	33.1				34.0											
2330	33.7	33.0				33.4											
2400	33.1	34.5				33.8											

HN 340/343/

39.2

282.62 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER Anal 55

Sheet No. _____

Span 340 Zero 350

Freezer Temp. _____

Date Nov. 8, 1958

One ordinate - _____ ppm

Flow _____ lpm

Working Ref. Tank A-17

From Ref tank test of _____

Tank Press. 910 psi

Obs. _____

36.87 (68)318.87

	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
0030	38.3	37.8				38.0											
0100	38.2	38.0				38.1											
0130	39.1	39.0				39.0											
0200	39.1	38.5				38.8											
0230	39.0	37.9				38.4											
0300	38.0	37.1				37.6											
0330	37.8	37.1				37.4											
0400	36.5	36.1				36.4											
0430	36.5	36.1				36.4											
0500	37.0	36.8				36.9											
0530	37.0	-				37.0 (5)											
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300	-	38.2				38.2 (5)			1 mi Foggy				4 kt				
1330	38.1	37.0				37.6			OVC 3000'	3 mi light fog			NNW 8 kt				breaks in clouds
1400	37.1	36.0				36.6											
1430	36.7	36.3				36.0											
1500	36.3	36.0				36.2											
1530	35.6	35.4				35.5											
1600	36.0	35.0				35.5											
1630	36.0	34.5				35.2											
1700	36.2	34.7				35.0											
1730	36.0	36.0				36.0											
1800	36.0	36.1				36.0											
1830	35.8	35.2				35.5											
1900	36.0	38.3				37.2											
1930	37.7	36.4				37.0											
2000	38.0	37.7				37.6											
2030	37.5	36.0				36.8											
2100	35.1	36.3				35.6											
2130	38.4	37.0				37.7											
2200	36.7	35.5				36.1											
2230	36.5	36.1				36.8											
2300	36.2	36.6				36.4											
2330	37.1	37.9				37.5											
2400	39.0	38.1				38.6											

282.62 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER Anal. 55

Sheet No. _____

Span 340 Zero 350

Freezer Temp. _____

Date Nov. 7, 1958

One ordinate - _____ ppm

Flow _____ lpm

Working Ref. Tank A-17

From Ref tank test of _____

Tank Press. _____ psi

Obs. _____

	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
0030	27.9	27.2				27.5											2418 318.99 (66)
0100	27.5	27.6				27.6											A-17 316.60 (28)
0130	28.0	28.1				28.0											
0200	-	28.3				28.3 (5)											318.28
0230	28.3	28.3				28.3											
0300	29.0	29.8				29.4											
0330	27.7	27.8				27.8											
0400	28.0	27.5				28.2											
0430	30.7	31.6				31.2											
0500	32.6	30.0				31.3											
0530	28.5	26.8				27.6											
0600	27.5	27.4				27.4											
0630	28.0	27.6				27.8											
0700	29.4	28.1				29.2											
0730	29.9	28.6				29.2											
0800	30.3	31.3				30.8											
0830	38.8	40.5				37.2	OVC 500'	1 1/2 mi Fog					E 23 kt				
0900	39.6	38.5				37.0											
0930	33.6	33.7				33.4											
1000	31.8	30.6				31.2											
1030	30.8	28.3				29.6											
1100	30.1	30.0				30.0											
1130	26.6	26.3				26.4											
1200	26.1	27.1				26.6											
1230	27.0	26.1				26.6											
1300	27.1	27.1				27.1											
1330	27.6	27.1				27.4											
1400	27.3	26.7				27.0											
1430	-	27.2				27.2 (5)											
1500	27.7	27.4				27.6											
1530	27.1	26.0				26.6											
1600	26.7	25.0				25.6											
1630	25.4	23.5				24.4											
1700	-	-				-											
1730	32.5	31.5				32.0											
1800	33.1	34.0				36.0											
1830	34.5	34.0				34.2											
1900	33.9	33.5				33.7											
1930	34.7	33.9				34.3											
2000	33.5	34.2				33.8											
2030	34.2	34.9				34.6											
2100	33.7	33.8				33.4											
2130	35.0	34.0				34.5											
2200	34.4	34.2				34.3											
2230	35.5	35.0				35.2											
2300	34.0	33.7				33.8											
2330	36.5	36.4				36.4											
2400	37.8	37.4				37.6											

CARBON DIOXIDE DATA

STATION SIO PIER -Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Nov. 6, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

31.44 (100)
321.63

	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
0030	38.1	37.1				37.6											
0100	38.1	37.3				38.6											
0130	40.6	38.3				39.4											
0200	32.7	32.0				32.4											
0230	33.7	33.2				33.4											
0300	33.9	33.2				33.6											
0330	33.7	32.9				33.3											
0400	35.5	33.5				34.5											
0430	35.3	34.7				35.0											
0500	35.5	36.0				35.2											
0530	35.4	35.5				35.0											
0600	35.0	35.1				35.0											
0630	36.3	35.6				36.0											
0700	38.4	37.8				38.1											
0730	37.5	36.0				36.8											
0800	36.6	35.2				35.9											
0830	36.7	36.1				36.4		800 ft						0			
0900	37.6	38.0				37.8		Fog									
0930	38.1	36.9				37.5											
1000	37.8	35.3				36.6											
1030	34.0	32.8				33.4											
1100	33.8	33.0				33.4											
1130	34.1	32.2				33.2											
1200	33.8	32.0				32.9											
1230	33.0	31.2				32.1											
1300	31.2	28.8				30.0											
1330	30.2	29.7				29.6											
1400	30.5	29.3				29.9											
1430	30.0	28.3				29.2											
1500	27.8	25.5				26.6											
1530	26.7	23.6				25.2											
1600	25.2	23.3				24.2											
1630	24.5	23.5				24.0											
1700	24.5	23.9				24.2	clear	5 mi					W 0-1 kt				hazy
1730	24.5	24.0				24.2											
1800	24.6	23.5				24.0											
1830	24.5	23.8				24.6											
1900	29.9	25.8				27.8											
1930	26.0	25.5				25.8											
2000	26.8	28.6				27.7											
2030	25.8	28.5				27.2											
2100	29.7	30.8				30.2											
2130	27.8	29.4				28.6											
2200	29.8	29.1				29.4											
2230	30.1	30.9				30.5											
2300	26.5	26.6				26.6											
2330	27.1	25.4				26.2											
2400	27.1	25.2				26.2											
2400	27.0	26.7				26.8											

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Nov. 5, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

	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	
0030	31.8	29.5				30.6												
0100	29.5	27.9				28.7												
0130	28.6	28.0				28.2												
0200	29.0	28.3				28.6												
0230	29.0	29.6				29.3												
0300	29.6	29.5				29.6												
0330	29.0	30.8				29.9												
0400	30.5	29.7				30.1												
0430	30.5	29.8				30.2												
0500	30.6	30.0				30.3												
0530	30.7	31.0				30.8												
0600	29.6	31.7				30.6												
0630	33.0	32.1				32.6												
0700	33.5	33.2				33.4												
0730	32.1	30.5				31.6												
0800	32.6	33.6				33.1												
0830	31.1	30.4				30.8	Clear	2 mi						0			smog + fog	
0900	32.3	31.8				32.0	some Ci to N											
0930	32.1	32.0				32.4												
1000	35.3	34.0				34.6												
1030	34.3	34.0				34.2												
1100	35.9	34.2				35.0												
1130	34.8	32.5				33.6												
1200	31.2	30.7				30.6												
1230	31.0	30.7				30.6												
1300	31.0	30.2				30.6												
1330	31.1	30.0				30.6												
1400	31.5	30.6				31.0												
1430	31.3	30.8				31.0												
1500	31.0	30.0				30.5												
1530	30.7	30.1				30.4												
1600	30.8	30.0				30.4												
1630	31.3	30.1				30.7												
1700	31.2	29.6				30.4												
1730	30.5	29.6				30.0	Ci 2/10	5-6 mi						0				
1800	30.2	31.8				31.0												
1830	34.5	31.9				33.2												
1900	32.1	32.1				32.1												
1930	33.8	32.0				32.9												
2000	33.7	34.7				34.2												
2030	35.2	34.5				34.8												
2100	32.1	33.1				32.6												
2130	35.5	34.5				35.0												
2200	39.5	31.6				35.6												
2230	37.5	34.3				36.0												
2300	36.5	33.5				35.0												
2330	32.8	35.0				33.9												290.72 + 5
2400	33.5	33.5				33.5												6017

CARBON DIOXIDE DATA

STATION

SIO PIER

Anal 55

Sheet No. _____

Span

340

Zero

350

Freezer Temp. _____

Date

Nov. 4, 1958

One ordinate - _____ ppm

Flow _____ lpm

Working Ref. Tank DL 2418

From Ref tank test of _____

Tank Press. 360 psi

Obs. _____

29.11 (28)
319.34

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
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	25.5	25.5				25.5											
1800	25.3	24.6				25.0											
1830	26.0	25.8				27.4											
1900	29.4	27.0				28.2											
1930	27.7	29.0				28.4											
2000	28.9	28.5				28.7											
2030	28.7	26.8				27.8											
2100	27.7	28.1				27.9											
2130	28.8	28.5				28.6											
2200	29.0	29.1				29.0											
2230	30.6	31.6				31.1											
2300	33.0	34.0				33.5											
2330	34.6	32.7				33.6											
2400	33.5	32.3				32.9											

290.72 + 5
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Nov. 3, 1968

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

29.96(65)320.18

	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
0030	31.6	31.9				31.8											
0100	31.2	30.8				30.8											
0130	31.0	30.8				30.9											
0200	31.0	29.8				30.2											
0230	29.4	29.1				29.2											
0300	28.2	28.6				28.4											
0330	29.0	29.4				29.2											
0400	29.5	28.0				28.8											
0430	28.5	28.2				28.4											
0500	28.6	28.0				28.3											
0530	28.1	27.4				27.8											
0600	27.8	27.3				27.6											
0630	27.1	26.1				26.6											
0700	26.8	26.5				26.6											
0730	26.5	26.2				26.4											
0800	26.7	25.8				26.2											
0830	27.9	26.5				27.2	clear	bmi					0				Smog
0900	-	-				-											
0930	34.1	34.6				34.4											
52 1000	33.5	31.7				32.6											
36 1030	33.5	30.1				31.8											
107 1100	31.2	29.5				30.4											
1130	30.7	30.0				30.4											
1200	32.0	33.5				32.8											
1230	33.1	32.6				32.9											
1300	32.2	30.5				31.4											
1330	31.4	30.7				31.0											
1400	31.1	30.6				30.8											
1430	30.9	30.5				30.7											
1500	31.4	30.3				30.8											
1530	31.0	30.0				30.5								0			Smog
1600	31.0	30.1				30.6											
1630	30.8	-				30.8 (5)											
1700																	
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	
2400																	

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Nov. 2, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

32.55 (48)
322.73

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

163	0030	28.8	26.5			27.6										
	0100	27.5	27.3			27.4										
	0130	27.8	-			27.8 (6)										
	0200															
	0230															
	0300															
	0330															
	0400															
	0430															
	0500															
	0530															
	0600															
	0630															
	0700															
	0730															
	0800															
	0830															
	0900															
	0930															
	1000															
	1030															
	1100															
	1130															
	1200															
	1230															
	1300															
	1330	-	29.1			29.1	(5) 2/10 ci	8 mi					NW 2 kts.			
	1400	29.7	28.6			29.2										
	1430	30.1	29.0			29.6										
	1500	29.8	28.7			29.2										
	1530	29.5	28.0			28.8										
	1600	28.5	31.0			29.8										
	1630	33.1	33.5			33.3										
	1700	34.6	34.1			34.4										
	1730	34.7	34.4			34.6										
	1800	35.2	36.4			35.8										
	1830	39.6	40.5			40.0										
	1900	38.2	37.3			37.8										
	1930	37.5	37.9			37.7										
	2000	35.8	34.9			35.4										
89	2030	35.2	33.7			34.4										
	2100	34.2	33.9			34.0										
	2130	34.8	31.0			33.4										
87	2200	34.0	31.7			32.8										
	2230	31.7	31.2			31.4										
	2300	36.7	34.5			35.6										
	2330	31.5	31.8			31.6										
	2400	33.3	32.8			33.0										

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Nov. 1, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
125 0030	25.2	24.8				25.0										
0100	25.7	25.3				25.5										
0130	26.5	26.0				26.2										
0200	26.0	24.6				24.8										
0230	24.6	24.6				24.6										
106 0300	25.7	24.9				25.3										
100 0330	25.4	24.6				25.0										
0400	25.5	24.8				25.2										
0430	25.1	25.3				25.2										
0500	25.0	24.2				24.6										
0530	25.1	25.0				25.0										
0600	25.5	24.9				25.2										
0630	26.9	26.3				26.6										
0700	26.0	26.0				26.0										
0730	26.2	26.0				26.1										
0800	26.3	25.8				26.0										
0830	26.5	26.7				26.6										
0900	27.5	27.5				27.5										
0930	27.8	28.0				27.9										
1000	27.2	28.5				27.8										
1030	29.3	28.7				29.0										
1100	29.5	30.2				29.8										
1130	33.0	33.5				33.2										
1200	36.4	29.2				32.8										
1230	30.8	30.3				30.6										
1300	31.4	29.8				30.6										
1330	29.3	28.0				28.6										
1400	27.2	26.7				26.6										
1430	26.9	25.6				26.2	Ci 3/10 30 mi						W 4 kt			
1500	25.5	24.9				25.2										
1530	25.1	24.7				24.9										
1600	25.0	25.5				25.2										
550 1630	28.3	26.7				27.5										
1700	27.8	26.9				27.4										
1730	28.0	27.1				27.6										
1800	27.3	26.6				27.0										
1830	26.5	28.5				28.5										
1900	30.8	28.7				29.8										
1930	28.2	27.5				27.8										
2000	28.0	28.1				28.0										
2030	28.0	28.4				28.2										
2100	31.3	30.1				30.7										
2130	31.0	30.5				30.8										
2200	31.3	31.0				31.2										
2230	31.5	30.1				30.8										
2300	31.0	31.0				31.0										
2330	30.2	28.7				29.4										
2400	28.9	27.3				28.1										

290.72 + 5
1.017

CARBON DIOXIDE DATA

STATION

SIOP/IER-Anal 55

Sheet No.

Span

Zero

Freezer Temp.

Date

Oct. 31, 1958

One ordinate -

ppm

Flow

lpm

Working Ref. Tank

DL 2418

From Ref tank test of

Tank Press.

psi

Obs.

REMARKS

	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
0030	25.8	24.3				25.0											
0100	25.6	25.0				25.3											
0130	26.1	25.2				25.6											
0200	26.0	24.6				25.3											
0230	24.8	24.5				24.6											
0300	24.8	25.3				25.0											
0330	24.9	26.2				26.8											
0400	25.8	26.0				25.9											
0430	26.5	25.6				26.0											
0500	26.0	25.4				25.7											
0530	26.7	26.2				26.4											
0600	25.4	26.1				26.8											
0630	27.3	25.1				26.2											
0700	26.2	25.7				26.0											
0730	25.0	25.2				25.1											
0800	25.3	24.7				25.0											
0830	26.4	24.4				24.4	Current high station	30 mi					NE 0-2 kt				
0900	25.7	25.9				25.8											
0930	26.4	25.7				26.0											
1000	26.0	25.0				25.5											
1030	26.0	25.5				25.8											
1100	27.3	25.0				26.2											
1130	25.9	24.3				26.1											
1200	26.1	24.6				24.8											
1230	25.1	24.6				24.8											
1300	25.7	25.0				25.4											
1330	26.0	25.1				25.6											
1400	25.7	25.9				25.8											
1430	26.0	25.4				25.7											
1500	25.7	24.5				25.1											
1530	25.7	24.5				25.0											
1600	25.4	24.7				24.8											
1630	25.0	24.3				24.6	high station 9/10	30 mi					NNE 5 kt				
1700	24.5	23.6				25.0											
1730	24.2	-				24.2	(S)										
1800	-	-				-											
1830	25.7	26.2				25.6											
1900	26.4	25.8				26.1											
1930	26.1	26.0				26.0											
2000	33.7	34.1				33.9											
2030	33.4	33.1				33.2											
2100	33.3	32.0				32.6											
2130	32.5	28.0				30.2											
2200	28.5	26.5				27.5											
2230	25.4	25.1				25.2											
2300	28.3	25.5				26.9											
2330	25.3	25.7				25.5											
2400	25.6	25.6				25.6											
	26.0	26.1				26.0											

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIOPIER- Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Oct. 30, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL241C From Ref tank test of _____

Tank Press. _____ psi Obs. _____

24.95 (43)
315.25

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330	-	25.1				25.1	(s)										
1400	25.5	24.1				24.8											
1430	24.6	24.0				24.3											
1500	23.5	22.8				23.2											
1530	23.6	22.2				22.9											
1600	23.3	23.0				23.2											
1630	23.5	23.5				23.5											
1700	24.0	23.5				23.8											
1730	23.7	23.5				23.6											
1800	26.0	25.6				25.8											
1830	24.0	24.5				24.2											
1900	25.0	25.2				25.1											
1930	26.0	26.3				26.2											
2000	27.1	27.0				27.0											
2030	27.1	26.0				26.6											
2100	26.4	26.3				26.8											
2130	26.1	25.3				25.7											
2200	25.4	25.4				25.4											
2230	27.3	26.4				26.8											
2300	25.8	25.0				25.4											
2330	26.5	24.8				25.6											
2400	25.1	25.0				25.0											

Cu 10 mi North with
cirrus at sea290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION 510 PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350

Freezer Temp. _____

Date Oct. 29, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

30.72 (46)
320.93

	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
0030	29.8	28.2				29.0											
0100	29.4	29.0				29.2											
0130	29.5	29.2				29.4											
0200	30.0	30.2				30.1											
0230	29.0	30.0				29.5											
0300	30.5	30.8				30.6											
0330	31.1	30.2				30.6											
0400	31.0	31.3				31.2											
0430	30.0	30.2				30.1											
0500	30.6	30.2				30.4											
0530	29.5	31.6				30.6											
0600	31.6	31.5				31.6											
0630	31.3	30.5				30.9											
0700	32.4	31.8				32.2											
0730	34.5	32.9				33.7											
0800	30.5	30.0				31.2											
0830	30.7	30.5				30.6		1000	Fog					0			
0900	30.8	30.2				30.5		ft.									
0930	30.0	29.9				30.0											
1000	30.2	29.8				30.0											
1030	30.5	31.0				30.8											
1100	31.3	31.0				31.2											
1130	33.2	33.0				33.1											
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																	

290.72 + 5
1.017

STATION 510 PIER Anal. 55

Sheet No. _____

Span 340 Zero 360

Freezer Temp. _____

Date Oct. 28, 1958

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank DL 2418

From Ref tank test of

Tank Press. _____ psi Obs. _____

25.01 (100)

315.31

REMARKS

	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
0030	24.3	24.8				24.6											
0100	24.1	22.7				23.7											
0130	23.1	23.0				23.0											
0200	23.8	23.7				23.8											
0230	24.0	24.0				24.0											
0300	24.5	24.0				24.2											
0330	23.8	23.5				23.6											
0400	23.3	24.0				23.6											
0430	24.3	23.5				23.9											
0500	24.0	24.5				24.2											
0530	24.6	24.2				24.4											
0600	25.0	23.8				24.4											
0630	24.0	23.8				23.9											
0700	24.1	23.0				23.6											
0730	22.8	23.9				23.4											
0800	23.5	23.6				23.5											
0830	26.0	25.9				26.0	clear	7-8 mi					0				hazy - some Cu inland
0900	25.5	24.9				25.2											
0930	24.9	22.5				23.7											
1000	22.6	22.8				22.7											
1030	23.0	22.5				22.8											
1100	24.0	23.0				23.5											
1130	23.8	23.0				23.4											
1200	23.5	23.5				23.5											
1230	26.0	24.4				25.2											
1300	24.6	23.8				24.2											
1330	24.5	24.2				25.4											
1400	25.0	24.9				25.0											
1430	25.6	24.1				24.8											
1500	24.5	24.2				24.4											
1530	25.4	24.7				25.0											
1600	25.1	24.2				24.6											
1630	25.0	24.0				24.5											
1700	24.5	24.0				24.2											
1730	24.7	23.7				24.2	strat-cum 4/10	6 mi					N 0-3 kt				
1800	24.5	23.8				24.2											
1830	24.3	23.8				24.0											
1900	24.4	23.7				24.0											
1930	25.2	25.0				25.1											
2000	25.0	25.7				25.4											
2030	26.5	26.3				26.4											
2100	27.2	26.7				27.0											
2130	28.0	27.2				27.6											
2200	28.0	28.0				28.0											
2230	27.5	25.9				26.7											
2300	29.8	27.6				28.7											
2330	29.8	29.9				29.8											
2400	30.0	27.6				28.8											
2400	30.1	29.9				30.0											290.72 + 0 1.017

STATION 510 PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____

Date Oct. 27, 1968

One ordinate - _____ppm

Flow _____ lpm _____ Working Ref. Tank DL 2418

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

23.24 (97)

313.57

313.57																	
	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
0030	21.3	20.8				21.0											
0100	21.2	20.8				21.0											
0130	21.1	21.4				21.2											
0200	22.0	23.5				22.8											
0230	24.5	24.6				24.6											
0300	25.7	26.1				25.8											
0330	26.0	24.6				25.3											
0400	24.8	24.2				24.5											
0430	24.1	23.8				24.0											
0500	24.3	23.0				23.6											
0530	23.5	23.6				23.6											
0600	24.0	23.5				23.8											
0630	23.8	24.4				24.1											
0700	25.0	25.2				25.1											
0730	24.8	24.9				24.8											
0800	25.0	24.7				24.8											
0830	25.5	25.7				25.6	Cum at sea 6-7 mi						N 4kt				
0900	25.4	25.5				25.4	cirrus overhead										
0930	25.7	24.9				25.3											
1000	25.2	25.0				25.1											
1030	25.1	24.5				24.8											
1100	25.3	24.9				25.1											
1130	24.9	24.7				24.8											
1200	25.2	25.0				25.1											
1230	25.5	24.9				25.2											
1300	25.1	24.5				24.8											
1330	24.7	24.1				24.4											
1400	23.6	21.5				22.6											
1430	21.4	20.2				20.8											
1500	21.2	20.8				21.0											
1530	21.5	21.0				21.2											
1600	21.9	20.8				21.4											
1630	21.8	21.1				21.4											
1700	22.1	21.0				21.6											
1730	21.5	20.7				21.1	clear	10mi					NNW				hazy
1800	21.0	20.7				20.8							12-15 kt.				
1830	21.0	20.3				20.6											
1900	20.5	20.5				20.5											
1930	20.6	20.5				20.6											
2000	20.8	21.4				21.1											
2030	-	22.5				22.5	(s)										
2100	23.0	23.4				23.2											
2130	23.5	23.5				23.5											
2200	24.2	24.9				24.6											
2230	23.7	23.3				23.5											
2300	23.0	22.8				22.9											
2330	23.0	22.7				22.6											290.72 + 0
2400	22.1	22.1				22.1											1.017
HN	24.0	23.5				23.8											

CARBON DIOXIDE DATA

STATION 510 PIER

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Oct. 26, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

24.01 (98)

314.33

	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
0030	22.6	22.6				22.6											
0100	23.5	23.5				23.5											
0130	23.5	23.3				23.4											
0200	24.1	24.6				24.4											
0230	24.8	24.1				24.4											
0300	25.0	24.0				24.5											
0330	25.2	25.7				25.4											
0400	25.8	26.0				25.9											
0430	26.5	26.2				26.4											
0500	27.0	26.9				27.0											
0530	26.7	26.0				26.4											
0600	25.8	25.0				25.4											
0630	26.1	27.0				26.6											
0700	26.9	25.9				26.4											
0730	26.5	25.8				26.2											
0800	25.8	28.5				27.2											
0830	26.5	26.8				26.6											
0900	26.7	25.6				26.2											
0930	26.0	25.1				25.6											
1000	26.2	25.0				25.6											
1030	25.9	25.2				25.6											
1100	26.1	25.4				25.8											
1130	26.5	26.5				26.5											
1200	27.2	26.9				27.0											
1230	27.5	26.4				27.0											
1300	27.5	27.1				27.3											
1330	28.2	28.0				28.1											
1400	29.6	28.5				29.0											
1430	29.5	28.8				29.2											
1500	29.9	26.0				28.0											
1530	21.5	20.5				21.0											
1600	21.3	20.5				20.9											
1630	21.1	20.2				20.6											
1700	21.2	20.6				20.9											
1730	21.2	20.3				20.8											
1800	20.8	20.2				20.5											
1830	20.6	20.0				20.3											
1900	20.8	20.2				20.5											
1930	20.8	20.1				20.4											
2000	20.9	20.2				20.6											
2030	20.6	20.5				20.6											
2100	20.5	20.3				20.4											
2130	21.0	21.5				21.2											
2200	20.7	20.4				20.6											
2230	21.0	20.5				20.8											
2300	20.6	20.5				20.6											
2330	20.8	20.5				20.6											
2400	20.7	21.0				20.8											
HN 20.8 21.1 21.0																	

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION 510 PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Oct. 25, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

23.66 (95)
313.98

	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
0030	22.0	25.8				23.9											
0100	25.7	28.6				27.2											
0130	27.0	26.3				27.6											
0200	26.1	26.5				26.3											
0230	32.0	30.7				31.0											
0300	28.6	27.9				28.2											
0330	21.8	25.9				26.8											
0400	28.0	27.6				27.8											
0430	27.5	26.0				26.8											
0500	28.2	27.3				27.8											
0530	27.9	26.3				27.1											
0600	27.5	27.7				27.6											
0630	31.0	28.3				29.6											
0700	31.5	29.7				30.6											
0730	29.9	30.7				30.3											
0800	25.2	26.7				25.4											
0830	25.5	25.1				25.3											
0900	22.7	22.6				22.6											
0930	21.5	20.9				21.2											
1000	21.8	21.1				21.4											
1030	22.7	21.9				22.3											
1100	22.0	21.0				21.5											
1130	21.2	21.1				21.2											
1200	22.5	21.7				22.1											
1230	22.7	20.7				21.7											
1300	21.9	20.2				21.0											
1330	21.2	20.4				20.8											
1400	20.3	20.7				20.5											
1430	21.1	19.7				19.9											
1500	21.2	20.4				20.4											
1530	21.0	20.1				20.6											
1600	20.8	20.5				20.6											
1630	20.6	20.2				20.4											
1700	20.8	19.8				20.3											
1730	20.3	20.5				20.4											
1800	-	19.8				19.8 (5)											
1830	21.0	20.1				20.6											
1900	20.7	21.4				21.0											
1930	21.7	21.8				21.8											
2000	23.1	24.3				23.7											
2030	23.5	22.7				23.1											
2100	22.6	22.5				22.6											
2130	22.8	21.9				22.4											
2200	23.3	22.3				22.8											
2230	23.0	22.6				22.8											
2300	22.8	22.1				22.4											
2330	23.1	22.3				22.7											
2400	21.6	21.8				21.7											

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER Anal. 55

Sheet No. _____

Span 840 Zero 350 Freezer Temp. _____Date Oct. 24, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

22.25 (97)
312.60

	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
0030	24.3	23.2				23.8											
0100	23.8	23.2				23.5											
0130	23.9	22.6				23.2											
0200	23.5	22.7				23.1											
0230	23.7	22.2				23.0											
0300	22.2	23.6				22.9											
0330	24.3	22.6				23.4											
0400	22.8	22.8				22.8											
0430	23.8	24.5				24.2											
0500	23.8	23.8				23.8											
0530	25.0	24.7				24.8											
0600	24.1	24.6				24.4											
0630	24.3	25.7				25.0											
0700	23.8	24.0				23.9											
0730	25.2	25.1				25.2											
0800	27.0	27.1				27.0											
0830	27.5	26.7				27.1	3/10 cum.	15 mi						0			
0900	24.0	22.8				23.4	Strat.										
0930	23.7	22.8				23.2											
1000	22.2	21.0				21.6											
1030	21.3	21.6				21.4											
1100	21.9	21.1				21.5											
1130	21.5	20.7				21.1											
1200	21.6	20.7				21.2											
1230	21.2	20.2				20.7											
1300	20.4	20.7				20.6											
1330	21.2	20.8				21.0											
1400	21.4	20.8				21.1											
1430	20.2	20.8				20.5											
1500	21.3	20.7				21.0											
1530	21.2	20.7				21.0											
1600	21.5	20.5				21.0											
1630	21.5	20.6				21.0											
1700	21.5	21.0				21.2											
1730	20.8	21.0				20.9	8/10 Cum. +	30 mi					Sw 8-12				more detailed report
1800	21.4	21.1				21.2	Cu. mombus						Kt.				in ledger p 286
1830	21.5	20.7				21.1											
1900	21.0	20.6				20.8											
1930	21.0	20.6				20.8											
2000	20.8	20.6				20.7											
2030	20.7	20.6				20.6											
2100	21.0	20.5				20.8											
2130	20.8	20.6				20.7											
2200	20.6	20.7				20.6											
2230	20.7	20.5				20.6											
2300	20.9	20.3				20.6											
2330	20.5	20.4				20.4											
2400	23.0	24.1				23.6											

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Oct. 23, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

24.49 (97)
314.80

	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
0030	240	23.1				23.6											
0100	22.8	23.5				23.2											
0130	23.0	22.5				22.8											
0200	26.1	23.5				24.8											
0230	22.3	21.3				21.8											
0300	22.7	23.5				23.1											
0330	27.8	24.0				26.9											
0400	25.7	25.1				25.4											
0430	23.7	26.5				24.6											
0500	26.7	26.6				26.2											
0530	24.9	26.4				26.2											
0600	26.7	26.3				26.0											
0630	26.8	26.5				26.6											
0700	26.2	27.2				26.7											
0730	27.3	24.7				26.0											
0800	24.8	23.7				24.2											
0830	23.3	26.4				24.8	OVC.	8 mi.					SE	5 kt.			
0900	—	24.7				24.7	(c) 1500-2000										
0930	25.7	30.7				27.2											
1000	33.4	28.9				31.2											
1030	24.6	22.6				23.6											
1100	23.1	20.8				22.0											
1130	21.0	20.6				20.8											
1200	21.8	20.8				21.3											
1230	21.3	20.7				21.0	overcast	15 mi.					SSW	1-2 kt.			
1300	20.8	21.0				20.9											
1330	20.4	21.5				21.0											
1400	21.7	20.4				21.0											
1430	21.4	20.8				21.1											
1500	21.9	21.5				21.7											
1530	21.9	21.0				21.4											
1600	21.5	21.2				21.4											
1630	21.5	21.3				21.4	Parted										
1700	21.9	21.2				21.6	OVC 8/10										
1730	22.2	22.4				22.3	Cum. Strat.						SSW	1-3 kt.			
1800	23.0	24.5				23.8	3000'	15 mi.									
1830	24.5	25.0				24.8											
1900	25.5	25.6				25.6											
1930	27.1	27.0				27.0											
2000	28.0	28.0				28.0											
2030	28.5	28.9				28.7											
2100	30.5	31.0				30.8											
2130	30.5	29.0				29.8											
2200	30.3	27.7				28.7											
2230	26.4	26.4				26.4											
2300	26.0	25.0				25.5											
2330	25.5	23.6				24.6											
2400	24.3	24.2				24.2											

HN 24.5 | 24.2

24.4

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER- Anal. 55

Sheet No. _____

Span 340 Zero 350

Freezer Temp. _____

Date Oct. 22, 1958

One ordinate - _____ ppm

Flow _____ lpm

Working Ref. Tank DL 2418

From Ref tank test of _____

Tank Press. _____ psi

Obs. _____

23.39 (96)
313.72

	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
0030	27.0	28.2				27.6											
0100	27.6	26.0				26.8											
0130	27.0	24.0				25.5											
0200	24.3	24.5				24.4											
0230	24.0	24.8				24.4											
0300	24.0	22.8				23.4											
0330	23.2	22.5				22.8											
0400	23.5	22.7				23.1											
0430	23.0	23.0				23.0											
0500	23.5	23.0				23.2											
0530	23.2	23.8				23.5											
0600	23.9	23.5				23.7											
0630	24.1	24.2				24.2											
0700	24.2	23.9				24.0											
0730	24.1	24.9				24.5											
0800	25.3	24.2				24.8											
0830	24.3	23.2				23.8	clear	7-8 mi					NW 1-2 kt				
0900	23.5	24.1				23.8											
0930	23.8	24.3				24.0											
1000	24.0	24.5				24.2											
1030	24.3	25.0				24.6											
1100	23.3	24.5				23.9											
1130	23.3	24.3				23.8											
1200	24.0	24.8				24.4											
1230	25.1	25.3				25.2											
1300	22.7	23.4				23.2											
1330	22.9					22.9	(s)										
1400		21.4				21.4	(s)										
1430	21.7	21.0				21.4											
1500	21.2	21.0				21.1											
1530	21.6	20.5				21.0											
1600	21.5	20.5				21.0											
1630	21.7	20.4				21.0	alto-cum. 8/10	8 mi					NW 5 kt				
1700	21.1	20.7				20.9											
1730	-	21.0				21.0	(s)										
1800	21.3	20.6				21.0											
1830	21.0	20.6				20.8											
1900	21.5	21.3				21.4											
1930	21.5	21.3				21.4											
2000	21.5	21.6				21.6											
2030	22.6	22.8				22.7											
2100	24.5	22.2				23.4											
2130	22.8	23.0				22.9											
2200	23.3	23.8				23.6											
2230	25.2	27.1				26.2											
2300	23.3	25.5				24.4											
2330	25.0	24.5				24.8											
2400	23.7	26.0				24.8											
HN	27.4	23.9				25.6											

296.72 + 5
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Oct. 21, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref. tank test of _____

Tank Press. _____ psi Obs. _____

24.11 (83)
314.43

	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
0030	24.2	24.1				24.9											
0100	23.4	24.7				24.0											
0130	23.2	23.1				23.2											
0200	23.0	23.4				23.2											
0230	23.5	23.5				23.5											
0300	23.6	23.8				23.7											
0330	23.9	24.3				24.1											
0400	23.8	24.0				23.9											
0430	23.7	23.8				23.8											
0500	24.3	24.6				24.4											
0530	25.3	25.2				25.4											
0600	26.0	25.6				25.8											
0630	25.8	25.5				25.6											
0700	26.0	26.3				26.2											
0730	26.5	26.3				26.4											
0800	26.0	26.3				26.2											
0830	27.0	26.8				26.9											
0900	24.6	23.8				24.2											
0930	23.6	23.8				23.7	clear	8-10 mi					W	Sk			
1000	23.5	-				23.6											
1030	21.7	22.7				22.2											
1100	24.3	24.8				24.6											
1130	24.5	23.1				24.3											
1200	23.0	22.8				22.9											
1230	22.0	22.8				22.4											
1300	22.2	24.3				23.2											
1330	22.5	23.1				23.1											
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700																	
1730	-	21.1															
1800	21.5	21.2				21.4											
1830	23.6	24.0				23.8											
1900	25.1	24.9				25.0											
1930	25.2	24.0				24.6											
2000	23.5	23.7				23.6											
2030	25.0	23.7				24.4											
2100	25.2	22.7				24.0											
2130	23.7	24.8				24.2											
2200	23.8	23.2				23.5											
2230	23.1	23.1				23.1											
2300	24.0	23.6				23.8											
2330	23.5	23.0				23.2											
2400	23.1	25.7				24.4											

290.72 + 5
6.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Oct. 20, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

24.62 (24)
314.93

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
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	-	21.5				21.5	(s)										
1800	22.2	22.9				22.6											
1830	23.2	23.7				23.4											
1900	23.4	23.4				23.4											
1930	24.1	24.4				24.2											
2000	23.5	23.8				23.6											
2030	24.2	24.0				24.1											
2100	25.2	26.2				25.7											
2130	27.6	27.5				27.6											
2200	27.7	27.0				27.4											
2230	26.6	26.2				26.4											
2300	26.6	25.0				25.8											
2330	24.7	24.1				24.4											
2400	24.4	24.8				24.6											

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Oct. 17, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

31.44 (29)
311.63

	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
0030	26.1	24.0				25.0											
0100	27.3	23.0				25.2											
0130	26.6	22.9				24.8											
0200	24.0	-				24.0 (s)											
0230	-	44.0				44.0 (s)											
0300	42.3	43.2				42.8											
0330	44.0	37.0				40.5											
0400	-	-				-											
0430	46.5	44.0				45.2											
0500	37.4	32.3				34.8											
0530	29.6	24.6				27.1											
0600	28.7	26.0				27.4											
0630	26.0	27.2				26.6											
0700	24.2	27.7				28.4											
0730	-	28.5				28.5 (s)											
0800	32.5	26.0				28.8											
0830	32.4	27.5				30.0	clear cirrus	20. mi									smog at sea
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																	

Ref. gas tests
until Oct. 20, 1958W 0-1
kt290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340Zero 350

Freezer Temp. _____

Date Oct. 16, 1958

One ordinate - _____ ppm

Flow _____ lpm

Working Ref. Tank DL 2418

From Ref tank test of _____

Tank Press. _____ psi

Obs. _____

40.69 (43)
330.73

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130		38.8				38.8	(s) clear	4 mi					NNE 2 kt.				hazy
1200	39.5	50.0				44.8											
1230	53.5	50.5				52.0											
1300	52.3	53.2				52.8											
1330	48.8	48.1				48.4											
1400	53.3	56.5				54.9											
1430	54.9	58.0				56.4											
1500	58.1	55.6				56.8											
1530	51.9	48.7				50.3											
1600	42.1	35.3				38.7											
1630	-	-				-	curvus	5 mi					NNW 4 kt.				
1700	-	37.6				37.6	(s) 6/10										
1730	-	36.7				36.7	(s)										
1800	-	36.8				36.8	(s)										
1830	-	36.0				36.0	(s)										
1900	40.5	38.0				39.2											
1930	41.5	35.7				38.6											
2000	38.0	35.7				36.8											
2030	-	35.8				35.8	(s)										
2100	36.1	35.9				36.0											
2130	37.2	34.2				35.7											
2200	33.3	35.6				34.4											
2230	35.6	36.5				36.0											
2300	33.7	34.2				34.0											
2330	-	23.8				23.8	(s)										
2400	26.2	35.7				26.0											

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIOPILR- Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. _____Date Oct. 14, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

36.63 (34)
326.74

	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
0030	26.3	27.6				27.0											
0100	31.6	30.0				30.8											
0130	32.8	30.0				31.4											
0200	28.3	31.2				29.8											
0230	30.5	30.0				30.2											
0300	30.8	32.5				31.6											
0330	32.7	34.0				33.4											
0400	33.5	34.2				34.0											
0430	34.3	32.6				33.4											
0500	37.0	35.5				36.2											
0530	35.5	33.7				34.6											
0600	36.1	33.0				34.6											
0630	32.0	44.8				38.4											
0700	48.5	51.8				50.2											
0730	56.9	59.1				58.0											
0800	54.8	46.3				49.8											
0830	39.8	38.8				39.3	clear	1-1/2 mi					E 3H				smog or haze
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																	

Ref gas tests

through Oct. 15

290.72 ± 5
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350Freezer Temp. -46.5°FDate Oct. 13, 1958

One ordinate - _____ ppm

Flow 0.3 lpm Working Ref. Tank DL 2418

From Ref tank test of _____

Tank Press. 1350 psi

Obs. _____

33.60 (67)
323.76

	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
0030	33.2	34.8				34.0											
0100	35.4	36.7				36.0											
0130	39.3	39.1				39.2											
0200	41.5	41.2				41.4											
0230	40.2	40.1				40.2											
0300	39.8	39.8				39.8											
0330	40.5	40.4				40.4											
0400	36.1	36.2				36.2											
0430	36.2	34.8				35.5											
0500	35.1	35.2				35.2											
0530	36.2	35.8				36.0											
0600	37.5	37.7				37.6											
0630	39.1	39.0				39.0											
0700	38.0	38.0				38.0											
0730	38.1	39.0				38.6											
0800	38.4	39.1				38.8											
0830	39.6	39.1				39.4		200 feet	Fog				N	0-1 kt.			
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600		24.7				24.7			1 mi foggy					0			
1630	25.8	25.0				24.4											
1700	27.0	25.4				26.2											
1730	25.9	29.8				27.8											
1800	30.8	30.7				30.8											
1830	29.1	29.9				29.5											
1900	30.6	31.9				31.2											
1930	27.5	29.5				28.5											
2000	31.5	30.3				30.9											
2030	39.1	37.6				35.8											
2100	39.5	30.0				34.8											
2130	29.9	30.8				30.0											
2200	29.8	29.6				29.7											
2230	34.5	27.0				30.8											
2300	27.0	28.6				27.8											
2330	27.4	27.1				27.6											
2400	26.1	26.6				26.4											

290.72 + 5
1.017

STATION SIO PIER- Anal. 55

Span 340 Zero 350

Freezer Temp. _____

Date Oct. 12, 1958

One ordinate - _____ppm

Flow _____ lpm _____ Working Ref. Tank DL 2418

From Ref tank test of

Tank Press. _____ psi Obs. _____

31.03 (98)

321.23

[illegible]

CARBON DIOXIDE DATA

STATION

SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. -46°FDate October 11, 1958

One ordinate - _____ ppm

Flow 0.3 lpm Working Ref. Tank DL 2418 From Ref tank test of _____Tank Press. 1460 psi Obs. _____28.05 (98)318.30

	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
0030	27.8	27.8				27.8											
0100	27.5	27.9				27.7											
0130	28.0	28.0				28.0											
0200	28.2	28.0				28.1											
0230	28.3	28.2				28.2											
0300	28.5	28.4				28.4											
0330	28.2	28.2				28.2											
0400	28.9	28.6				28.8											
0430	30.1	30.2				30.2											
0500	31.4	31.0				31.2											
0530	31.5	31.6				31.6											
0600	31.1	31.1				31.1											
0630	31.0	30.7				30.8											
0700	31.3	31.1				31.2											
0730	31.1	31.0				31.0											
0800	30.7	30.5				30.6											
0830	30.4	30.9				30.6											
0900	30.3	30.1				30.2											
0930	29.6	30.1				29.8											
1000	30.0	30.1				30.0											
1030	30.3	30.8				30.6	8/10 SC.	1 1/2 mi.	Fog (light)				Nw	6-8 kts			
1100	30.0	29.5				29.6	1000'										
1130	28.5	28.6				28.6											
1200	28.0	27.7				27.8											
1230	27.7	28.5				28.1											
1300	29.0	29.1				29.0											
1330	28.1	27.7				27.9											
1400	26.0	25.1				25.6											
1430	24.9	25.8				25.4											
1500	25.4	26.5				26.0											
1530	26.4	29.1				27.8											
1600	26.7	24.9				25.8											
1630	24.5	24.6				24.6											
1700	24.3	24.6				24.4											
1730	26.4	26.5				26.4											
1800	26.7	28.6				26.6											
1830	28.5	27.8				28.2											
1900	26.9	27.0				27.0											
1930	26.6	27.0				26.8											
2000	27.8	28.3				28.0											
2030	28.1	27.5				27.8											
2100	27.8	26.7				27.2											
2130	26.5	26.4				26.4											
2200	26.0	26.0				26.0											
2230	26.2	26.2				26.2											
2300	26.0	26.1				26.0											
2330	26.5	25.8				26.2											
2400	25.7	25.5				25.6											

HN 25.5 | 25.8

25.6

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION SIO PIER - Anal. 55

Sheet No. _____

Span 340 Zero 350 Freezer Temp. -46° 41 FDate October 10, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank DL 2418 From Ref tank test of _____Tank Press. 1510 psi Obs. _____27.99 (68)
318.24

	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
0030	28.9	28.9				28.9											
0100	29.5	30.6				30.0											
0130	31.4	32.2				31.8											
0200	33.5	32.6				33.0											
0230	33.5	32.6				33.0											
0300	32.2	31.9				32.0											
0330	32.3	33.0				32.6											
0400	32.0	28.2				30.1											
0430	28.8	28.0				28.4											
0500	28.8	28.1				28.4											
0530	28.4	27.7				28.0											
0600	28.6	29.0				28.8											
0630	30.4	28.5				29.2											
0700	28.5	28.0				28.2											
0730	28.5	28.7				28.6	OVC	1 mi	Fog					- 0			
0800	28.7	28.8				28.8											
0830	30.0	29.2				29.6											
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600	25.2	26.0				25.6			light fog								
1630	25.4	25.3				25.4											
1700	25.2	25.0				25.1											
1730	24.7	24.8				24.8											
1800	25.5	25.0				25.2											
1830	25.3	25.3				25.3											
1900	25.4	25.4				25.4											
1930	25.5	25.5				25.5											
2000	25.6	25.6				25.6											
2030	25.5	25.6				25.6											
2100	26.0	25.8				25.9											
2130	26.8	26.8				26.8											
2200	27.2	27.2				27.2											
2230	26.5	26.4				26.4											
2300	26.8	27.0				26.9											
2330	26.8	27.4				28.1											
2400	27.3	27.3				27.3											290.72 + 5 1.017

CARBON DIOXIDE DATA

STATION

SIO PIER

Sheet No.

Span

340

Zero

350

Freezer Temp.

-46°F

Date

Oct. 9, 1958

One ordinate -

ppm

Flow

0.3

lpm

Working Ref. Tank

DL 2418

From Ref tank test of

Tank Press.

psi

Obs.

AH AL
24.1 25.3

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

0030	25.2	25.7				25.4													
0100	25.5	25.8				25.6													
0130	25.7	26.0				25.8													
0200	25.6	26.0				25.8													
0230	25.1	26.0				25.6													
0300	25.0	25.2				25.1													
0330	25.4	26.8				26.1													
0400	25.9	26.1				26.0													
0430	25.5	26.5				26.0													
0500	26.1	26.7				26.4													
0530	26.5	26.6				26.6													
0600	26.6	27.0				26.8													
0630	27.0	27.1				27.0													
0700	27.2	27.2				27.2													
0730	26.7	27.4				27.0													
0800	26.5	27.1				26.8													
0830	27.4	27.5				27.4								N 5 kts			hazy		
0900	28.0	28.1				28.0													
0930	28.1	28.5				28.3													
1000	27.8	28.7				28.2													
1030	29.0	29.0				29.0													
1100	29.1	29.0				29.0													
1130	29.5	30.2				29.8													
1200	30.0	32.1				31.0													
1230	32.5	32.8				32.6													
1300	33.1	33.8				33.4													
1330	34.3	33.9				34.1													
1400	34.7	33.8				34.2													
1430	33.4	32.8				33.1													
1500	32.0	29.6				29.8													
1530	27.2	25.6				26.4													
1600	26.5	25.5				25.5													
1630	24.9	24.8				24.8													
1700	24.9	25.0				25.0								0VC 1000'	2 mi		NNW 8-10 kt		
1730	24.7	24.6				24.6													
1800	24.5	24.4				24.4													
1830	25.0	24.3				24.6													
1900	25.1	24.5				24.8													
1930	25.3	24.9				25.0													
2000	25.5	25.2				25.4													
2030	26.0	26.6				26.3													
2100	27.0	26.8				26.9													
2130	27.1	27.1				27.1													
2200	27.5	27.5				27.5													
2230	28.0	27.9				28.0													
2300	28.5	28.5				28.5													
2330	28.7	28.7				28.7													
2400	29.1	28.7				28.9													

HN

290.72 + 5
1.017

CARBON DIOXIDE DATA

STATION SIO PIER

Sheet No. _____

Span 340 Zero 350 Freezer Temp. -46 FDate Oct. 8, 1958

One ordinate - _____ ppm

Flow 0.3 lpm _____ Working Ref. Tank DL 2418 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

AH AL

2547 (92)
315.76

	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
0030	24.1	24.7				24.4											
0100	23.4	26.0				24.7											
0130	25.2	25.6				25.4											
0200	25.0	23.6				24.3											
0230	24.2	24.4				24.3											
0300	24.2	24.0				24.1											
0330	24.7	25.3				25.0											
0400	25.0	25.1				25.0											
0430	26.4	26.3				26.4											
0500	26.0	25.7				25.8											
0530	25.7	25.2				25.4											
0600	26.2	25.6				25.9											
0630	27.0	25.8				26.9											
0700	27.7	27.4				27.6											
0730	26.0	25.8				25.9											
0800	26.2	26.1				26.2											
0830	27.0	27.7				27.4											Shot. + Cum 2000' 5 miles NW 5 kts
0900	-	27.3	put in new pen tip 27.35														
0930	27.1	27.0				27.0											
1000	28.0	28.1				28.0											
1030	28.5	28.7				28.6											
1100	27.7	27.8				27.8											
1130	27.3	27.7				27.5											
1200	27.5	28.1				27.8											
1230	27.6	29.4				28.4											
1300	28.3	29.2				28.8											
1330	29.6	30.0				29.8											
1400	29.0	29.0				29.0											
1430	28.8	27.6				28.2											
1500	27.0	26.8				26.9											
1530	25.8	25.5				25.6											
1600	27.0	24.6				25.8											
1630	23.9	23.7				23.8											
1700	23.4	23.0				23.2											
1730																	
1800																	defrost freezer-out trap albatrosses at sea 4.5 mi. N 7 kts
1830	21.2	22.8				22.0											
1900	20.4	22.7				21.6											
1930	21.6	22.3				22.0											
2000	22.2	22.8				22.5											
2030	22.2	22.1				22.2											
2100	22.7	23.1				22.9											
2130	23.3	23.6				23.4											
2200	22.3	23.3				22.8											
2230	23.2	23.3				23.2											
2300	23.4	23.7				23.6											
2330	23.8	24.2				24.0											
2400	24.3	25.0				24.6											

290.72 + 0
6017

CARBON DIOXIDE DATA

STATION

SIO PIER

Sheet No. _____

Span

340

Zero

350

Freezer Temp.

-46 F

Date

Oct. 7, 1958

One ordinate - _____ ppm

Flow

0.3

lpm

Working Ref. Tank

DL 2418

From Ref tank test of _____

Tank Press.

1720

psi

Obs. _____

22.94 (79)

313.28

	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
0030	26.2	26.4				26.3											
0100	26.2	26.1				26.2											
0130	26.0	26.0				26.0											
0200	23.8	23.1				23.4											
0230	23.5	22.5				23.0											
0300	22.7	22.3				22.5											
0330	22.5	22.0				22.2											
0400	22.5	22.2				22.4											
0430	22.5	22.0				22.2											
0500	22.2	21.6				21.9											
0530	21.2	21.1				21.2											
0600	21.5	21.4				21.4											
0630	21.2	21.1				21.2											
0700	21.2	21.1				21.2											
0730	21.2	21.2				21.2	6-10/10 overcast	5+ mi									
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330	22.3	22.9				22.6	clear	10mi					W	5kt			
1400	22.5	22.5				22.5											
1430	22.3	22.8				22.6											
1500	22.7	22.6				22.6											
1530	22.4	22.4				22.4											
1600	22.2	22.0				22.1											
1630	22.1	22.1				22.1											
1700	21.9	21.8				21.8	clear	10. mi					W	10			
1730	21.5	21.5				21.5											
1800	21.7	21.4				21.6											
1830	21.5	21.5				21.5											
1900	21.5	21.4				21.4											
1930	21.7	21.7				23.2											
2000	24.5	24.5				24.5											
2030	24.7	24.5				24.6											
2100	24.9	24.6				24.8											
2130	24.2	24.0				24.1											
2200	23.2	23.5				23.4											
2230	23.0	23.0				23.0											
2300	23.3	23.5				23.4											
2330	25.6	25.7				25.6											
2400	24.0	24.2				24.2											

HN 241-

24.1 (5)

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION

510 PIER

Sheet No. _____

Span 340Zero 750Freezer Temp. -46°FDate Oct. 6, 1958

One ordinate - _____ ppm

Flow 0.3-0.4 lpmWorking Ref. Tank DL 2418

From Ref tank test of _____

Tank Press. 1840 psi

Obs. _____

23.88 (67)
314.20

	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
0030	23.8	23.9				23.8											
0100	24.0	23.7				23.8											
0130	24.5	23.5				24.0											
0200	25.1	22.8				24.0											
0230	23.8	24.4				24.1											
0300	24.5	24.3				24.4											
0330	24.8	24.0				24.4											
0400	23.0	22.7				22.8											
0430	23.7	22.9				23.3											
0500	23.8	22.5				23.2											
0530	23.8	23.7				23.8											
0600	23.5	23.7				23.6											
0630	24.7	24.2				24.4											
0700	24.6	24.7				24.4											
0730	22.0	21.8				21.9											
0800	22.1	22.2				22.2											
0830	21.8	22.2				22.0											
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630		25.1				25.1											
1700	24.0	23.8				23.9											
1730	23.0	23.2				23.1											
1800	23.2	23.3				23.2											
1830	23.1	22.8				23.0											
1900	23.3	23.0				23.2											
1930	23.3	23.2				23.2											
2000	23.5	23.0				23.2											
2030	23.4	22.9				23.2											
2100	22.7	22.7				22.7											
2130	24.9	25.7				25.3											
2200	26.3	25.0				25.6											
2230	25.4	24.4				24.9											
2300	25.7	25.7				25.7											
2330	26.1	26.3				26.2											
2400	26.0	26.1				26.0											

Ref. gas tests

0 VC. 5 mi

W 3 kt

5) clear 5 mi

290.72 + 0
1.017

CARBON DIOXIDE DATA

STATION 510 PIER

Sheet No. _____

Span 340 Zero 350 Freezer Temp. -46°FDate Oct. 5, 1958

One ordinate - _____ ppm

Flow 0.4-0.3 lpm Working Ref. Tank A-14 and 18 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

18 1960 psiA-14 39.54 (43)
18 23.51 (55)

	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
0030	41.0	39.4				39.7											A-14 316.84 (43)
0100	38.6	38.4				38.5											18 313.84 (55)
0130	38.4	38.3				38.4											315.16
0200	38.6	39.0				38.8											
0230	39.0	38.3				38.6											
0300	38.8	39.0				38.9			faulty solenoid valve								
0330	38.5	38.5				38.5											
0400	39.3	39.4				39.4											
0430	39.7	40.0				39.8											
0500	39.9	39.8				39.8											
0530	40.0	40.5				40.2											
0600	40.5	41.0				40.8											
0630	40.3	40.2				40.2											
0700	40.1	40.5				40.3											
0730	40.8	40.1				40.8											
0800	40.5	39.5				40.0											
0830	40.8	41.9				41.4											
0900	40.2	40.3				41.2											
0930	40.0	39.6				39.8											
1000	39.2	39.5				39.6											
1030	38.1	37.6				37.8											Extensive weather report p 277 in ledger -
1100	37.3	25.0				37.3											
1130	23.9	23.6				24.3											
1200	23.5	23.9				23.7											
1230	24.1	24.4				24.2											
1300	23.7	24.2				24.0											
1330	23.4	24.1				23.8											
1400	23.7	24.5				24.1											
1430	24.5	24.3				24.4											
1500	24.2	23.6				23.9											
1530	23.5	23.2				23.4											
1600	23.0	23.0				23.0											
1630	23.0	23.0				23.0											
1700	23.2	23.6				23.4											
1730	23.3	23.0				23.2											
1800	23.1	23.0				23.0											
1830	23.0	23.0				23.0											
1900	22.8	23.0				22.9											
1930	23.5	23.3				23.4											
2000	23.2	23.0				23.1											
2030	23.0	22.6				22.8											
2100	23.5	23.4				23.4											
2130	24.0	24.5				24.2											
2200	24.7	24.5				24.6											
2230	23.5	23.8				23.6											
2300	22.6	23.0				22.8											
2330	24.0	23.2				23.6											
2400	23.1	23.0				23.0											

HN 23.2 23.2

23.2

A-14 277.96 + 5
1.017
18 290.72 + 5
1.017

CARBON DIOXIDE DATA

STATION

SIO PIER

Sheet No. _____

Span 340 Zero 350 Freezer Temp. -46 FDate Oct. 4, 1958

One ordinate - _____ ppm

Flow 0.3 lpm Working Ref. Tank A-14

From Ref tank test of _____

Tank Press. _____ psi Obs. _____

46.31 (98)

323.50

	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
0030	44.9	42.5				43.7											
0100	44.6	46.4				45.2											
0130	46.5	47.8				47.2											
0200	47.7	46.0				46.8											
0230	47.0	47.1				47.0											
0300	47.7	47.8				47.8											
0330	48.0	48.1				48.0											
0400	48.7	47.1				47.8											
0430	47.4	47.2				47.3											
0500	48.8	49.4				49.1											
0530	49.4	50.4				49.9											
0600	51.3	50.6				51.0											
0630	51.5	51.1				51.3											
0700	49.9	48.6				49.2											
0730	50.0	50.0				50.0											
0800	52.7	51.2				52.0											
0830	50.9	49.9				50.4	3/10 cirrus	1 mi.	Fog				N	2kt			
0900	50.5	50.8				50.6											
0930	52.8	51.7				52.2											
1000	52.2	51.2				51.7											
1030	49.6	49.3				49.4											
1100	42.2	42.0				42.1											
1130	42.7	42.0				42.4											
1200	43.1	43.8				43.4											
1230	45.5	44.5				44.0											
1300	45.9	44.2				45.0											
1330	43.0	44.1				43.6											
1400	44.5	44.6				44.6											
1430	46.2	44.9				45.5											
1500	45.0	44.6				44.8											
1530	45.1	45.3				45.4											
1600	45.0	44.6				44.8											
1630	45.0	44.0				44.5											
1700	42.8	41.6				42.2											
1730	41.5	41.8				41.6											
1800	42.6	42.3				42.4											
1830	42.8	42.8				42.8											
1900	45.2	45.0				45.1											
1930	44.7	45.2				45.0											
2000	45.0	45.0				45.0											
2030	46.5	46.1				46.6											
2100	48.0	47.5				47.8											
2130	49.0	49.2				49.1											
2200	42.6	42.3				42.4											
2230	48.0	48.1				48.1											
2300	43.3	42.3				42.8											
2330	45.3	45.2				45.2											
2400	44.1	44.0				44.0											

HN 41.2 39.4

40.3

272.96 + 5
1.017

CARBON DIOXIDE DATA

STATION

SIO PIER

Sheet No. _____

Span

340

Zero

350

Freezer Temp.

-46 F

Date

Oct. 3, 1958

One ordinate - _____ ppm

Flow

0.3

lpm

Working Ref. Tank

A-14

From Ref tank test of _____

Tank Press.

psi

Obs.

43.28 (29)

310.52

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

0030
0100
0130
0200
0230
0300
0330
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

Ref. gas tests

100 ft. Fog

- 0

Dense Fog getting worse

277.96 + 5
1.017

CARBON DIOXIDE DATA

STATION

510 PIER

Sheet No.

Span 340

Zero

350

Freezer Temp.

-52.0 F

Date

Sept. 26, 1958

Flow

0.25 to 0.8

lpm

Working Ref. Tank

51

From Ref tank test of

Tank Press.

370

psi

Obs.

One ordinate - ppm

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

0030
0100
0130
0200
0230
0300
0330
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

smoke trace
high values
for air

clear

15-20 mi

-0

Smog at Sea

Ref. gas tests

A-14 VS

51

CARBON DIOXIDE DATA

SIO PIER

MAUNA LOA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -49-50°CDate Sept. 25, 1958Flow 0.25 lpm Working Ref. Tank 51 One ordinate - _____ ppmTank Press. 910 psi Obs. _____From Ref tank test of -6.47(27)315.50

REMARKS

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
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	10.6	10.7				10.4											
1800	10.3	10.4				10.4											
1830	11.0	10.3				10.6											
1900	10.0	7.6				8.6											
1930	6.6	7.0				6.8											
2000	8.1	9.0				8.6											
2030	4.9	6.0				5.4											
2100	6.5	5.2				5.8											
2130	4.8	5.2				5.0											
2200	2.0	4.6				3.3											
2230	6.0	3.8				4.9											
2300	5.0	2.5				3.8											
2330	2.7	3.2				3.0											
2400	4.0	-				4.0	(8)										

all values neg.

erratic
very
high values
(for air)very
Clear 25.
mi

- 0

some haze at sea

← power failure

erratic
high
values

← power failure

very
Clear 15-
20
miNNE 3-5
kts← defrost
freezont trap321.89 + 0
1612

CARBON DIOXIDE DATA

SIOPIER

UNA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -47-48°Date Sept. 24, 1958

One ordinate - _____ ppm

Flow 0.3-0.25 lpm Working Ref. Tank 51

From Ref tank test of _____

Tank Press. 500-490 psi Obs. _____-9.62(97)312.38

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

0030 12.0 - 12.0 (5)0100 8.8 7.8 9.30130 7.3 7.5 7.40200 7.0 3.7 5.40230 7.3 11.0 9.20300 12.1 12.0 12.00330 12.0 12.0 12.00400 12.0 12.1 12.00430 12.2 12.0 12.10500 12.2 12.3 12.40530 12.0 12.1 12.00600 12.0 12.3 12.20630 12.3 12.0 12.20700 12.0 12.0 12.00730 12.0 11.9 12.00800 10.0 10.3 10.20830 10.3 12.2 11.2 Scattered Cu mainly inland 20 ml0900 11.7 12.1 11.90930 11.5 11.9 11.71000 11.7 11.8 11.81030 11.6 11.9 11.81100 11.8 11.7 11.81130 11.8 11.8 11.81200 11.8 11.8 11.81230 11.6 11.6 11.61300 11.0 11.2 11.11330 10.8 10.2 10.51400 8.4 7.2 7.81430 7.6 8.0 7.81500 8.5 10.0 9.21530 10.0 10.8 10.41600 9.8 11.0 10.4 clear 15 mi 6 mi 18 kt1630 9.8 10.1 10.01700 9.8 9.7 9.81730 10.0 9.5 9.81800 9.9 9.5 9.71830 10.0 9.9 10.01900 10.3 10.0 10.21930 9.0 8.7 8.82000 8.0 8.3 8.22030 7.2 7.3 7.22100 6.8 8.0 7.42130 7.7 6.8 7.22200 7.6 7.7 7.62230 7.8 7.8 7.82300 7.2 6.7 7.02330 4.5 3.0 3.82400 12.4 12.5 12.4

UN 2.4 2.5

2.6

321.89 + 0
1.012

CARBON DIOXIDE DATA

510 PIER
UNA OBSERVATORY, HAWAIISpan 340 Zero 350 Freezer Temp. -48°FDate Sept. 23, 1958

One ordinate - _____ ppm

Flow 0.3 lpm _____ Working Ref. Tank (51)Tank Press. 550 psi Obs. DLB

From Ref tank test of _____

-11.86 (39)310.17

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430	11.5	11.8				11.6											
1500	11.5	11.7				11.6											
1530	11.8	12.0				11.9		15mi					SSW	12-15 Kts			Overcast Cu - scattered showers
1600	11.2	11.7				11.4											
1630	11.8	11.7				11.8											
1700	11.8	12.0				11.9		15-20mi					SW	12 Kts			Clouds Cu+ST roughly 2000-3000'
1730	11.8	11.9				11.8											
1800	12.3	12.2				12.2											
1830	12.2	12.3				12.2											
1900	12.5	12.5				12.5											
1930	12.3	12.5				12.4											
2000	12.3	12.2				12.2											
2030	12.1	11.6				11.8											
2100	10.9	11.7				11.3											
2130	12.1	12.2				12.2											
2200	12.2	11.7				11.6											
2230	10.8	11.5				11.2											
2300	11.0	11.4				11.2											
2330	12.2	12.2				12.2											
2400	12.1					12.1	(5)										321.89 + 0 1.012

CARBON DIOXIDE DATA

UNA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. _____Date Sept. 21, 1958Flow 0.35 lpm _____ Working Ref. Tank A-14 One ordinate - _____ ppmTank Press. 17 psi Obs. _____

From Ref tank test of _____

+34.62 (98)312.00

	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
0030	38.4	38.6				38.5											
0100	38.6	39.0				38.8											
0130	38.7	33.4				38.6											
0200	33.7	33.5				33.6											
0230	33.6	33.7				33.6											
0300	33.7	33.5				33.6											
0330	33.7	33.8				33.8											
0400	34.2	34.2				34.2											
0430	34.2	34.3				34.2											
0500	34.1	34.5				34.3											
0530	33.7	33.8				33.8											
0600	34.0	34.0				34.0											
0630	34.0	34.0				34.0											
0700	33.5	33.7				33.6											
0730	34.7	35.9				35.3											
0800	35.0	35.0				35.0											
0830	35.2	35.0				35.1											
0900	35.0	35.0				35.0											
0930	34.7	35.1				34.9											
1000	35.2	35.4				35.3											
1030	36.0	36.0				36.0											
1100	36.0	36.2				36.1											
1130	35.8	35.8				35.8											
1200	35.7	36.0				35.8											
1230	36.0	35.9				36.0											
1300	36.0	35.9				36.0											
1330	35.5	35.2				35.4											
1400	35.2	35.2				35.2											
1430	34.5	34.4				34.4											
1500	35.0	34.8				34.9											
1530	35.2	35.5				35.4											
1600	35.5	35.8				35.6											
1630	35.7	35.6				35.6											
1700	36.4	36.1				36.2											
1730	36.2	35.9				36.0											
1800	35.7	35.1				35.4											
1830	34.6	34.2				34.4											
1900	33.3	33.3				33.3											
1930	33.0	33.1				33.2											
2000	33.1	32.6				32.4											
2030	32.5	32.5				32.5											
2100	32.6	32.4				32.5											
2130	32.9	33.9				33.4											
2200	33.2	33.2				33.2											
2230	33.4	33.1				33.2											
2300	33.0	33.0				33.0											
2330	33.5	33.5				33.5											
2400	33.5	33.5				33.5											

HN 33.5 33.2

33.4

321.89 + 0
1.012

CARBON DIOXIDE DATA

SIO PIER

UNA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -49°FDate Sept. 20, 1958Flow 0.8 - 0.45 lpm Working Ref. Tank A-14 One ordinate - _____ ppmTank Press. 1980 psi Obs. _____+35.87 (37)
313.23

	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
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500		36.5				36.5	clear	2-3 mi					NW 2-3 kts				flow @ 0.8 l/min - hazy
1530	36.5	36.2				36.4											
1600	36.6	36.4				36.5											
1630	36.5	36.0				36.2											
1700	34.5	34.1				34.3											
1730	34.2	33.6				33.9											
1800	33.9	33.5				33.7	clear	4-6 mi					calm				reset flow @ 0.45 l/min
1830	33.4	33.6				33.5											
1900	33.5	33.4				33.4											
1930	33.5	35.0				34.2											
2000	35.5	36.0				35.8											
2030	35.0	35.5				35.2											
2100	35.5	36.0				35.8											
2130	36.5	39.0				37.8											
2200	37.8	38.3				38.0											
2230	37.4	38.0				37.7											
2300	38.6	36.0				37.3											
2330	36.0	36.0				36.0											
2400	38.8	39.8				39.3											321.89 + 5 277.96 1.012

CARBON DIOXIDE DATA

UNA A OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -50°FDate Sept. 17, 1958

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank (51)

From Ref tank test of _____

Tank Press. 860 psi Obs. _____-5.20 (29)
316.75

AL	ALH	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	3.8			3.2										
0100	3.5	4.6			4.0										
0130	1.7	3.7			2.7										
0200	4.0	4.7			4.4										
0230	5.6	5.4			5.5										
0300	4.6	6.0			5.3										
0330	5.3	5.4			5.4										
0400	4.2	7.6			5.9										
0430	6.0	7.5			6.8										
0500	6.2	5.1			5.6										
0530	3.6	4.2			3.9										
0600	5.0	6.1			5.6										
0630	4.5	6.8			5.6	—									
0700	4.8	8.4			6.6										
0730	7.5	—			7.6	(5)									
0800															
0830							200 yds	Fog				—	0		
0900															
0930															
1000															
1030															
1100															
1130															
1200															
1230															
1300															
1330															
1400															
1430															
1500						nodata									
1530															
1600															
1630															
1700															
1730															
1800															
1830															
1900															
1930															
2000															
2030															
2100															
2130															
2200															
2230															
2300															
2330															
2400															

321.89 + 0
1.012

CARBON DIOXIDE DATA

UNA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -49.5°FDate 9/16/58Flow 0.35 lpm Working Ref. Tank 51 One ordinate - _____ ppm
Tank Press. 930 psi Obs. DLG From Ref tank test of -6.66 (94)315.31

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	7.1	7.8				7.8	(5)									
0100	7.9	7.6				7.7										
0130	7.9	7.6				7.7										
0200	7.7	8.4				8.0										
0230	7.5	8.6				8.0										
0300	7.4	8.4				7.9										
0330	8.2	9.1				8.6										
0400	8.5	9.2				9.1										
0430	9.3	8.3				8.8										
0500	7.1	7.7				7.4										
0530	6.7	8.5				7.6										
0600	6.3	6.7				6.5										
0630	5.7	6.2				6.0										
0700	6.7	6.7				6.7										
0730	5.7	5.0				5.4		7 mi	clear					- 0		
0800	4.1	4.3				4.2										some low haze
0830	0.4	1.1				0.8										
0900	2.7	0.2				1.4										
0930	0.9	1.2				1.0										
1000	1.9	1.4				1.9	(3)									
1030																
1100																
1130																
1200																
1230																
1300																
1330																
1400																
1430																
1500	6.1	7.5				6.8										
1530	7.8	9.5				8.6										
1600	7.7	11.6				9.6										
1630	7.8	10.6				9.2										
1700	10.2	11.0				10.6		clear	15 mi				NNE 1kt			
1730	10.0	10.4				10.2										
1800	10.5	10.3				10.4										
1830	9.5	9.1				9.3										
1900	10.0	9.9				10.0										
1930	9.9	7.2				8.6										
2000	6.3	6.6				6.4										
2030	5.8	5.5				5.6										
2100	5.1	3.7				4.1										
2130	3.0	2.8				2.9										
2200	2.8	4.4				3.6										
2230	4.8	7.0				5.9										
2300	6.4	7.3				6.8										
2330	6.2	6.3				6.2										
2400	3.8	3.1				3.4										

321.89 + 0
1.012

CARBON DIOXIDE DATA

MAUNA LOA OBSERVATORY, HAWAII

Span 340 Zero 3 Freezer Temp. -50°F Date Sept. 15, 1958Flow 0.25-0.4 lpm Working Ref. Tank (5) One ordinate - _____ ppm
Tank Press. 1000 psi Obs. _____ From Ref tank test of _____

-6.95(116)
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
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all
values
(-)

82

0030	NG	NG			-											
0100	7.6	8.1			7.8											
0130	7.2	6.8			7.0											
0200	4.6	4.2			4.4											
0230	4.0	4.3			4.2											
0300	1.7	4.0			2.8											
0330	4.1	4.0			4.0											
0400	4.6	6.5			5.0											
0430	5.6	2.6			4.1											
0500	3.0	2.5			2.8											
0530	1.5	-			1.6	(5)										
0600	-	-														
0630	-	-														
0700	-	-														
0730	-	-														
0800	-	-														
0830	-	-														
0900	-	-														
0930	-	-														
1000	-	-														
1030																
1100																
1130																
1200																
1230																
1300																
1330																
1400																
1430																
1500																
1530																
1600																
1630																
1700		9.4			9.4			clear	8mi			N	6-8 Kts			
1730	8.8	9.6			9.2											
1800	9.5	10.6			10.0											
1830	10.6	11.8			11.2											
1900	10.2	9.3			9.8											
1930	8.7	9.8			9.2											
2000	8.8	10.6			9.7											
2030	9.8	10.8			10.3											
2100	9.5	9.0			9.2											
2130	8.0	8.5			8.2											
2200	7.0	6.7			6.8											
2230	6.6	7.2			6.9											
2300	6.5	6.1			6.3											
2330	6.7	7.4			7.0											
2400																

321.89 + 0
1.012

CARBON DIOXIDE DATA

MOANA LOA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -54°FDate Sept 14, 1958One ordinate - 1958 ppmFlow 0.3-0.135 lpm Working Ref. Tank 51 From Ref tank test of -9.32 (86)Tank Press. 1050 psi Obs. 312.68

	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
all values (-)	8.5	8.6				8.6											
	7.5	9.2				8.4											
	NG	NG				—											
	NG	NG				—											
	10.0	9.5				9.8											
	10.4	10.6				10.6											
	10.2	9.0				9.6											
	10.4	11.5				11.0											
	11.5	11.2				11.4											
	10.7	10.9				10.8											
	11.4	11.6				11.5											
	11.7	10.9				11.3											
	11.1	10.0				10.6											
	9.6	9.8				9.7											
	10.1	10.9				10.5											
	11.5	10.7				11.1											
	11.8	10.3				10.8											
	11.0	10.3				10.6											
	11.0	10.8				10.9											
	11.1	10.8				10.6											
	11.3	9.5				9.4											
18.5	9.7	8.5				9.1											
	8.0	7.7				7.8											
	8.0	7.6				7.8											
	8.4	8.0				8.2											
	10.0	9.2				9.6											
	10.3	9.8				10.0	Clear	15 mi					W 10kts				
	10.6	11.3				11.0											
	11.4	10.1				10.8											
	11.0	11.0				11.0											
19.9	12.2	7.7				10.0											
	10.9	10.4				—											
	10.9	10.9				—											
	10.9	11.1				11.1 (5)											
	10.7	10.0				10.4											
	11.1	10.8				11.0											
	12.0	12.6				12.3											
	12.3	11.3				11.8											
	10.8	10.8				10.8											
18.1	10.3	7.8				9.0											
	11.4	6.4				6.9											
	6.5	6.5				6.5											
	5.2	1.9				5.2 (5)											
	6.6	5.2				5.9											
	4.9	6.1				5.5											
	6.6	1.6				5.6 (5)											
	1.9	4.8				4.8 (5)											
	5.3	4.8				5.0											
HN	5.0	1.9.				5.0 (5)											

321.89 + 0
1.012

CARBON DIOXIDE DATA

MAUNA LOA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -52°FDate 9/13/58

One ordinate - _____ ppm

Flow 0.35 lpm Working Ref. Tank 51Tank Press. 1125 psi Obs. _____

From Ref tank test of _____

-9.40(48)312.60

	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
0030	11.2	10.7				11.2											
0100	11.6	5.4				5.4											
0130	3.3	2.7				3.0											
0200	4.0	4.9				4.4											
0230	5.5	6.4				6.0											
0300	7.6	8.9				8.2											
0330	8.7	9.5				9.1											
0400	9.7	10.1				9.9											
0430	10.5	11.5				11.0											
0500	10.9	10.5				10.7											
0530	11.0	11.5				11.2											
0600	10.9	11.2				11.0											
0630	10.7	11.3				11.0											
0700	11.5	12.5				12.0											
0730	11.6	12.5				12.0											
0800	10.7	12.0				11.4											
0830	12.1	13.3				12.7	Clear	15-20 mi					SSE 4-6 Kts				
0900	12.7					12.7	(5)										
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700																	
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030	11.5	10.3				10.9	very clear	5-20 mi					NW 4 Kts				
2100	10.7	11.4				10.7	(10)										
2130	8.6	8.6				8.6											
2200	9.5	9.1				9.3											
2230	9.0	7.7				8.4											
2300	7.8	7.0				7.4											
2330	8.1	8.4				8.2											
2400	8.0					8.0	(5)										

321.89 + 5
1.012

CARBON DIOXIDE DATA

MAUNA LOA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -Date 9/12/58One ordinate - - ppmFlow 0.35 lpm Working Ref. Tank 5 From Ref tank test of -Tank Press. 1050 psi Obs. DL0-12.35 (11)309.69

REMARKS

	L1 AL	L2 AH	L3	L4 Ave	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
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	11.5	11.5		11.5													
2200	11.7	12.6		12.2													
2230	NG	12.7		12.7	(5)												
2300	12.2	12.0		12.6													
2330	12.4	12.7		12.6													
2400	12.5	12.5		12.6													

all
values
(-)E 2
Katy321.89 + 0
1.012

CARBON DIOXIDE DATA

MAUNA LOA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. _____Date Sept 11

One ordinate - _____ ppm

Flow 0.3 lpm _____ Working Ref. Tank 51

From Ref tank test of _____

Tank Press. 1110 psi Obs. _____-7.23 (37)
314.75

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
----	----	----	----	---------	--------	-----	------	---------	------------	------	------	-----------	----------	------	----------	---------

all
values
are
(-)

0030	10.1	10.4	10.2													
0100	9.4	9.5	9.4													
0130	9.5	9.2	9.4													
0200	8.5	8.7	8.1													
0230	8.0	7.9	8.0													
0300	7.5	7.8	7.6													
0330	7.6	7.7	7.6													
0400	8.1	7.7	7.6													
0430	7.3	7.2	7.2													
0500	7.8	7.4	7.6													
0530	7.5	7.4	7.4													
0600	7.6	7.4	7.5													
0630	7.4	6.5	7.0													
0700	6.4	6.2	6.3													
0730	5.5	5.0	5.2													
0800	4.5	5.2	4.8													
0830	4.5	6.2	5.4													
0900	5.3	5.3	5.3													
0930	5.8		5.8 (5)													
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																

Ref. gas tests(?)

3/4 mi Fog

NW 0-5 Kts

1 mi Fog

NW 0-5 Kts

poor trace
low flow321.89 + 0
1.012

CARBON DIOXIDE DATA

MAUNA LOA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -50°CDate Sept 10, 1958One ordinate - 1958 ppmFlow 0.35 lpm Working Ref. Tank 5 From Ref tank test of 8.00 (39)Tank Press. 1210 psi Obs. NAOK313.99

REMARKS

	L1	L2	L3	Ave	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	6.2	5.4		6.0												
0100	6.6	5.2		5.9												
0130	6.2	6.0		6.1												
0200	7.0	4.6		5.8												
0230	4.3	5.5		4.9												
0300	6.8	7.8		7.3												
0330	8.5	9.6		9.0												
0400	9.2	8.8		9.0												
0430	9.2	8.2		8.7												
0500	8.2	10.6		9.4												
0530	10.0	9.6		9.8												
0600	10.1	10.2		10.2												
0630	10.8	10.1		10.4												
0700	10.0	8.8		9.4												
0730	10.0	0.9		10.0 (S)												
0800	10.9	4.0		4.0 (S)												
0830	7.1	5.8		6.4				3/4 mi	Fog				NW 5 Kts			
0900	7.0			7.0 (S)												
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	10.6	9.4		9.4 (S)												
2330	9.0	9.6		9.3												
2400	9.8	10.0		9.9												

Ref. gas tests

321.89 + 5
1.012

CARBON DIOXIDE DATA

MAUNA LOA OBSERVATORY, HAWAII

Span 340 Zero 350 Freezer Temp. -45° to -50°Date Sept. 9, 1958Flow 0.25 lpm Working Ref. Tank 51 51 One ordinate - _____ ppmTank Press. 1080 - 1255 psi Obs. _____+2.79 (33)NO VALUE
for index

REMARKS

	L1	L2	L3	A	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb
0030	1.3	-2.2	-1.8													
0100	2.2	-2.0	-2.1													
0130	1.7	-1.3	-1.5													
0200	1.2	-1.2	-1.2													
0230	1.2	-0.7	-1.0													
0300	0.9	0.9	—													
0330	1.9	+2.0	+2.0													
0400	+2.2	+1.9	+2.0													
0430	+2.0	+2.0	+2.0													
0500	+2.0	+2.3	+2.2													
0530	+3.0	+3.8	+3.4													
0600	+4.5	+4.8	+4.4													
0630	+5.0	+4.0	+4.5													
0700	+3.8	+5.0	+4.4													
0730	+3.7	+4.5	+4.1													
0800	+6.8	+8.7	+7.2													
0830	+9.5	+10.8	+10.2					300 Fog ft					NE 2 KT			
0900	+9.4	+8.0	+8.7													
0930																
1000																
1030																
1100																
1130																
1200																
1230																
1300																
1330																
1400																
1430																
1500																
1530																
1600																
1630																
1700																
1730																
1800								15-20 mi					15 Kts			
1830																
1900																
1930																
2000																
2030																
2100																
2130																
2200																
2230																
2300																
2330																
2400																

Ref. gas tests

51

Clear

15-20 mi

15 Kts

↓

power failure

+

poor trace

2 + 0
P