

This digital file is a scan of a paper folder entitled "SIO PIER DATA, 1958-60, Daily Average Summary" located in the first drawer labeled as "SCRIPPS PIER DATA (1958-62)" of a file cabinet in Alane Bollenbacher's office. The folder contains daily tabulations from September 10, 1958 to June 16, 1960 of working tank information and analyzer scale factors along with summary information of daily average pier air index values. The working tank days and tank numbers match those noted on the daily half-hourly data sheets. The tank index and analyzer scale factor tabulated also match those noted on the daily half-hourly data sheets at the bottom in pencil, except for some cases of presumed human error in notating the data sheets. For example, the working tank changes from #51 to #A-14 on September 20, 1958, which is noted on the daily data sheet, but the tank index and analyzer recorder scale notes at the bottom of the sheet are for tank #51 and not #A-14. Presumably because on September 23, 1958, the tank is changed back from #A-14 to #51 and the hand written notes missed this. So for 1958-1960, the tank indices and analyzer recorder scales are used from these summary sheets to create Table 3. For 1962, there are no summary sheets and so the values notated on the daily data sheets are used.

SIO PIER DATA
Daily Average Summary

1958-60

Month	DAY	SCALE DIV DIFF.	No. of Comparisons	R. S. F.	Index Diss.	REF TANK No.	RES TANK Index	AIR INDEX
<u>19 58</u>								
Sept.	10	-8.00	39	18.22	-7.90	51	321.89	313.99
	11	-7.23	37	.98793	-7.14			314.75
	12	-12.35	11		-12.20			309.69
	13	-9.40	48		-9.28			312.60
	14	-9.32	86		-9.21			312.68
	15	-6.95	46		-6.89			315.02
	16	-6.66	74		-6.58			315.31
	17	-5.20	29		-5.14			316.75
	20	+35.87	37	18.30	35.28	A-14	277.96	313.24
	21	34.62	98	.98361	34.05			312.01
	23	-11.86	39	18.22	-11.72	51	321.89	310.17
	24	-9.62	97	.98793	-9.50			312.39
	25	-6.47	27		-6.39			315.50
Oct.	3	43.28	26	18.30	42.57	A-14	277.96	320.53
	4	46.31	98	.98361	45.55			323.51
	5	39.54	47		38.89			316.85
		23.51	55		23.12	18	290.72	313.84
	6	23.88	67		23.49			314.21
	7	22.94	75		22.56			313.28
	8	25.47	92		25.05			315.77

Month	Day	Scale Div Diff	no of Comparisons	R.S.F.	Index Diff.	Ref Tank no.	Ref Tank Index	air Index
<u>1958</u>								
Oct.	9	27.43	98	18.30	26.98	DL 2418	290.72	317.70
	10	27.99	68	.98361	27.53			318.25
	11	28.05	98		27.59			318.31
	12	31.03	98		30.52			321.24
	13	33.60	67		33.05			323.77
	14	36.63	34		36.03			326.75
	16	40.69	43		40.02			330.74
	17	31.44	29		30.92			321.64
	20	24.62	27		24. 62 ²²			314.94 315.34
	21	24.11	83		23.71			314.43
	22	23.39	96		23.01			313.73
	23	24.49	97		24.09			314.81
	24	22.25	97		21.89			312.61
	25	23.66	95		23.27			313.99
	26	24.01	98		23.62			314.34
	27	23.24	97		22.86			313.58
	28	25.01	100		24.60			315.32
	29	30.72	46		30.22			320.94
	30	24.95	43		24.54			315.26
	31	26.09	97		25.66			316.38

Month	Day	Scale Dw Duro	no of Comparisons	R.S.F.	Index Diff.	Ref Tank no	Ref Tank Index	air index
<u>1958</u>								
Nov.	1	27.52	98	18.30	27.07	DL 2418	290.72	317.79
	2	32.55	48	18.36	32.02			322.74
	3	29.96	65		29.47			320.19
	4	29.11	28		28.62			319.35
	5	31.84	98		31.32			322.04
	6	31.44	100		30.92			321.64
	7	28.75	66		28.28			319.00
		34.56	28		33.99	A-17	282.62	316.61
	8	36.87	68	3	36.27			318.89
	9	35.54	96		34.96			317.58
	10	33.00	98		32.46			315.08
	11	35.11	100		34.53			317.15
	12	33.42	98		32.87			315.49
	13	35.92	55		35.33			317.95
	14	32.36	65		31.83			314.45
	15	29.44	96		28.96			311.58
	16	32.48	13		31.95			314.57
	17	34.17	40		33.61			316.23
	18	35.40	100		34.82			317.44
	19	36.17	82		35.58			318.20

Month	Day	Scale div diff	no of Comparisons	R.S.F.	Indet diff	Ref Tank no	Ref Tank Index	air Index
<u>1958</u>								
Nov	20	42.79	29	18.30	42.09	A-17	282.62	324.71
	21	38.64	36	⁹⁸³⁶¹ 17.64	38.0			320.63
		11.98	19		11.78	51	321.89	333.67
		20.21	38	17.64 _{1.0204}	20.62	83	308.83	329.45
	22	15.07	82		15.38			324.21
	23	16.23	96		16.56			325.39
	24	20.18	72		20.59			329.42
	25	24.75	59		25.25			334.08
	26	19.25	68		19.64			328.47
	27	14.16	98		14.45			323.28
28	13.86	98		14.14			322.97	
29	6.92	100		7.06			315.89	
30	8.49	71		8.66			317.49	
Dec	1	15.26	100		15.57			324.40
	2	19.27	99		19.66			328.49
	3	13.57	93		13.85			322.68
	4	10.88	92		11.10			319.93
	5	8.31	91		8.48			317.31
	6	313.03	96		13.30			322.13
	7	24.07	100		24.56			333.39

Month	Day	Scale dia diff	no of comparisons	R.S.F.	Index diff	Ref Tank no	Ref Tank Index	Air Index
<u>1958</u>								
Dec	8	23.92	98	17.64 1.0204	24.41	83	308.83	333.24
	9	17.81	98		18.17			327.01
	10	30.61	100		31.23			340.06
	11	15.00	99		15.31			324.14
	12	15.86	98		16.18			325.01
	13	15.68	98		16.00			324.83
	14	12.47	88		12.72			321.55
	15	9.49	100		9.68			318.51
	16	11.13	96		11.36			320.19
	17	17.63	95		17.99			326.82
	18	22.13	37		22.58			331.41
	19	28.85	45		29.44			338.27
	20	27.35	97		27.91			336.74
	21	30.08	94		30.69			339.52
	22	16.75	64		17.09			325.92
	23	11.33	91		11.56			320.39
	24	13.91	88		14.19			323.02
	25	12.85	93		13.11			321.94
	26	9.13	88		9.32			318.15
	27	9.09	94		9.28			318.11
	28	12.8	96		13.06			321.89

Month	Day	Scale div diff	no of comparisons	R.S.F.	Index Diff.	Ref Tank no	Ref Tank Index	air Index
<u>1958</u>								
Dec	29	7.36	92	17.64	7.51	83	308.83	316.34
	30	7.21	96	1.0204	7.36			316.19
	31	10.29	91		10.50			319.33
<u>1959</u>								
Jan.	1	8.48	98		8.65			317.48
	2	9.54	60		9.73			318.56
		8.92	38	17.53	9.16	51	309.26	318.42
				1.0268				
	3	9.56	98		9.82			319.08
	4	7.89	82		8.10			317.36
	5	6.43	45		6.60			315.86
	6	6.82	95		7.00			316.26
	7	13.46	67		13.82			323.08
	8	16.20	97		16.63			325.89
	9	18.71	66		19.21			328.47
	10	22.74	95		23.35			332.61
	11	26.48	96		27.19			336.45
	12	36.63	76		37.61			346.87
	13	15.14	65		15.55			324.81
	14	21.00	94		21.56			330.82
	15	25.56	93		26.25			335.51

Month	Day	Scale div diff	No of Comparisons	R.S.F.	Index diff	Ref. Tank No.	Ref. Tank Index	Air Index
<u>1959</u>								
Jan.	16	28.96	73	17.53	29.74	51	309.26	339.00
	17	28.11	96	1.0268	28.86			338.12
	18	21.84	96		22.43			331.69
	19	13.97	98		14.34			323.60
	20	10.63	98		10.91			320.17
	21	7.98	98		8.19			317.45
	22	11.86	94		12.18			321.44
	23	16.97	98		17.42			326.68
	24	17.15	98		17.61			326.87
	25	10.76	98		11.05			320.31
	26	11.92	100		12.24			321.50
	27	12.48	96		12.81			322.07
	28	13.42	96		13.78			323.04
	29	19.50	94		20.02			329.28
	30	13.18	93		13.53			322.79
	31	8.41	98		8.64			317.90
Feb.	1	7.74	98		7.95			317.21
	2	7.37	98		7.57			316.83
	3	9.77	96		10.03			319.29
	4	9.35	77		9.60			318.86
	5	7.86	53		8.07			317.33

Month	Day	Scale div. diff.	no of Comparisons	R.S.F.	Index diff	Ref Tank no.	Ref. Tank Index	Air Index
<u>1959</u>								
Feb	6	9.48	90	10.53	9.73	51	309.26	318.99
	7	8.05	98	1.0268	8.27			317.53
	8	5.93	96		6.09			315.35
	9	8.87	78		9.11			318.37
	10	10.91	95		11.20			320.46
	11	6.23	90		6.40			315.66
	12	6.25	90		6.42			315.68
	13	10.02	86		10.29			319.56
	14	11.78	31		12.10			321.36
		-1.49	55	17.35	-1.55	54	320.77	319.22
				1.0375		54	300.77	
	15	-0.90	78		-0.93			319.84
	16	-5.19	96		-5.38			315.39
	17	-3.25	91		-3.37			317.40
	18	-.66	68		-.68			320.09
	19	-4.09	32		-4.24			316.53
	20	-.45	95		-.47			320.30
	21	-3.81	87		-3.95			316.82
	22	-3.46	84		-3.59			317.18
	23	1.26	93		1.31			322.08
	24	4.91	93		5.09			325.86

Month	Day	Soil Div Diff	no of Comparisons	R.S. F.	Index Diff	Ref Tank no.	Ref Tank Index	air Index
	<u>1959</u>							
Feb.	25	2.11	95	17.35 110375	2.19	54	320.77	322.96
	26	8.49	67		8.81			329.58
	27	11.67	94		12.11			332.88
	28	11.96	96		12.41			333.18
Mar	1	8.25	96		8.56			329.33
	2	8.89	98		9.22			329.99
	3	2.51	97		2.60			323.37
	4	8.84	92		9.17			329.94
	5	0.57	98		.59			321.36
	6	1.67	98		1.73			322.50
	7	- .79	98		- .82			319.95
	8	4.18	96		4.34			325.11
	9	8.72	96		9.05			329.82
	10	9.60	93		9.96			330.73
	11	4.24	95		4.40			325.17
	12	2.95	98		3.06			323.83
	13	2.55	97		2.65			323.43
	14	-2.61	98		-2.71			318.06
	15	3.70	94		3.84			324.61
	16	-1.20	94		-1.25			319.52
	17	1.23	98		1.28			322.05

Month	Day	Scale div diff.	no of Comparisons	R.S.F.	Index diff.	Ref Tank no.	Ref Tank Index	air Index	
<u>1959</u>									
Mar	18	-1.14	93	17.35	-1.18	54	320.77	319.59	
	19	-3.28	70	1.0375	-3.40			317.34	
	20	2.32	65		2.41			323.18	
	21	3.10	84		3.22			323.99	
	22	-3.01	94		-3.12			317.65	
	23	-5.51	35		-5.22			315.05	
		-8.09	27	17.63	-8.26			58	322.04
				1.0210	-				
		24	-5.14	91		-5.25			316.79
		25	-.82	98		-.84			321.20
		26	0.34	62		.35			322.39
		27	-3.83	98		-3.91			318.13
		28	-2.03	96		-2.07			319.97
		29	-2.79	96		-2.85			319.19
	30	-5.55	98		-5.67			316.37	
	31	-3.54	90		-3.61			318.43	
Apr	1	4.07	86		4.16			326.20	
	2	5.44	62		5.55			327.59	
	3	-3.73	60		-3.81			318.23	
	4	-3.20	93		-3.27			318.77	
	5	-4.82	95		-4.92			317.12	

Month	Day	Scale Div Dits	No of Complussions	R.S.F.	Index Diff	Ref Tank no.	Ref Tank Index	Air Index
1959								
Apr.	6	-6.26	90	17.63	-6.39	58	322.04	315.65
	7	-5.20	56	1,0210	-5.31			316.73
	8	-5.19	46		-5.30			316.74
	9	-4.90	65		-5.00			317.04
	10	-3.85	85		-3.93			318.11
	11	-3.78	71		-3.86			318.18
	12	-2.75	86		-2.81			319.23
	13	-3.85	73		-3.93			318.11
	14	-5.21	51		-5.32			316.72
	15	-5.57	82		-5.69			316.35
	16	-5.12	78		-5.23			316.81
	17	-6.21	77		-6.34			315.70
	18	-6.37	94		-6.50			315.54
	19	-6.74	92		-6.88			315.16
	20	-4.93	87		-5.03			317.01
	21	-5.42	90		-5.53			316.51
	22	-4.67	93		-4.77			317.27
	23	-5.47	89		-5.58			316.46
	24	-6.65	91		-6.79			315.25
	25	-4.57	77		-4.67			317.37
	26	-5.58	89		-5.70			316.34

Month	Day	Scale div. diff.	No of Comparisons	R.S.F.	Index diff.	Ref Tank no	Ref Tank Index	air Index
<u>1959</u>								
Apr	27	-4.11	30	17.63	-4.20	58	322.04	317.84
	28	-1.31	19	1.0210	-1.34			320.70
May	1	-9.07	29		-9.26	26	325.38	316.12
	2	-8.41	91		-8.59			316.79
	3	-6.15	49		-6.28			319.10
	4	-7.43	83		-7.59			317.79
	5	-5.31	90		-5.42			319.96
	6	-4.75	40		-4.85			320.53
	7	-6.88	42		-7.02			318.36
	8	-7.59	92		-7.75			317.63
	9	-7.73	96		-7.89			317.49
	10	-6.43	95		-6.57			318.81
	11	-7.79	96		-7.95			319.43
	12	-8.74	82		-8.92			316.46
	13	-8.99	61		-9.18			316.20
	14	-8.25	87		-8.42			316.96
	15	-7.91	96		-8.08			317.30
	16	-6.78	96		-6.92			318.46
	17	-7.84	95		-8.00			317.38
18	-8.19	85		-8.36			317.02	
19	-7.68	96		-7.84			317.54	

Month	Day	Scale div diff	no of comparisons	R.S.F.	Index diff	Ref Tank no.	Ref Tank Index	air Index
<u>1959</u>								
May	20	-7.10	96	17.63	-7.25	26	325.38	318.13
	21	-7.63	92	11.02/0	-7.79			317.59
	22	-9.53	86		-9.73			315.65
	23	-9.46	96		-9.66			315.72
	24	-9.31	96		-9.51			315.87
	25	-10.65	95		-10.87			314.51
	26	-10.46	92		-10.68			314.70
	27	-9.45	95		-9.65			315.73
	28	-7.46	88		-7.62			317.76
	29	-7.16	96		-7.31			318.07
	30	-8.66	91		-8.84			316.54
31	-9.16	96		-9.35	316.03			
June	1	-8.79	90		-8.97			316.41
	2	-8.05	21		-8.22			317.16
		-9.71	66	16.83	-10.38	25	325.33	314.95
				1.0695	-			2
	3	-9.34	96		-9.99			315.34
	4	-9.24	91		-9.88			315.45
	5	-8.11	68		-8.67			316.66
6	-8.84	96		-9.45			315.88	
7	-8.52	96		-9.11			316.22	

month	Day	Scale dif diff	no of Comparisons	R.S.F.	Index diff.	Ref Tank no	Ref Tank Index	Air Index
	<u>1959</u>							
June	8	-7.65	90	16.83	-8.18	25	325.33	317.15
	9	-8.27	95	1.0695	-8.84			316.49
	10	-8.22	95		-8.79			316.54
	11	-7.56	91		-8.09			317.24
	12	-8.16	92		-8.73			316.60
	13	-7.78	96		-8.32			317.01
	14	-5.66	57		-6.05			319.28
	15	-8.98	64		-9.60			315.73
	16	-8.95	84		-9.57			315.76
	17	-7.01	96		-7.50			317.83
	18	-6.33	91		-6.77			318.56
	19	-8.20	93		-8.77			316.56
	20	-8.35	82		-8.93			316.40
	21	-7.68	90		-8.21			317.12
	22	-8.31	93		-8.89			316.44
	23	-8.88	84		-9.50			315.83
	24	-9.49	96		-10.15			315.18
	25	-9.59	93		-10.26			315.07
	26	-9.39	93		-10.04			315.29
	27	-9.74	96		-10.42			314.91
	28	-10.25	86		-10.96			314.37

Month	Day	Scale Div Diff	no of Comparisons	R.S.F.	Index Diff	Ry Tank no	Ry Tank Index	air Index
<u>1959</u>								
June	29	-9.81	86	16.83	-10.49	25	325.33	314.84
	30	-9.28	95	1.0695	-9.92			315.41
July 1	1	-9.23	43		-9.87			315.46
		-11.36	42		-12.15	72	326.98	314.83
	2	-11.94	84		-12.77			314.21
	3	-11.86	96		-12.68			314.30
	4	-11.82	96		-12.64			314.34
	5	-11.90	96		-12.73			314.25
	6	-11.58	95		-12.38			314.60
	7	-12.06	81		-12.90			314.08
	8	-9.76	92		-10.44			316.54
	9	-9.29	59		-9.94			317.04
	10	-7.79	51		-8.33			318.65
	11	-7.47	80		-7.99			318.98
	12	-11.85	95		-12.67			314.31
	13	-12.77	82		-13.66			313.32
	14	-12.69	87		-13.57			313.41
	15	-12.90	95		-13.80			313.18
	16	-13.18	46		-14.10			312.88
	17	-12.52	89		-13.39			313.59

Month	Day	Scale div diff	no of comparisons	RSP	Index Diff	Ref Tank No.	Rf Tank Index	air Index
<u>1959</u>								
July	18	-12.73	96	16.83	-13.61	72	326.98	313.37
	19	-13.34	72	110695	-14.27		313.37	312.71
	20	-13.09	66		-14.00			312.98
	21	-12.31	96		-13.17			313.81
	22	-11.38	95		-12.17			314.81
	23	-10.85	96		-11.60			315.38
	24	-10.71	74		-11.45			315.53
	25	-12.09	95		-12.93			314.05
	26	-11.33	86		-12.12			314.86
	27	-11.40	83		-12.19			314.79
	28	-12.10	91		-12.94			314.04
	29	-13.37	96		-14.30			312.68
	30	-14.30	48		-15.29			311.69
31	-14.19	90		-15.18			311.80	
August	1	-14.86	96		-15.89			311.09
	2	-13.68	45		-14.63			312.35
		-14.71	31		-15.73	74	326.76	311.03
	3	-13.58	38		-14.52			312.24
	5	-14.83	32		-15.86			310.90
	6	-14.58	91		-15.59			311.17

Month	Day	Scale Div Diff	No of Comparisons	R. S. F.	Index Diff	Ref Tank no	Ref Tank Index	air Index
<u>1959</u>								
Aug	7	-13.61	39	16.83	-14.56	74	326.76	312.20
	8	-15.78	7	1.0695	-16.88			309.88
	9	-15.06	94		-16.11			310.65
	10	-12.90	63		-13.80			312.96
	11	-13.70	35		-14.65			312.11
	12	-13.04	65		-13.95			312.81
	15	-18.1	1		-19.36			307.40
	16	-15.90	98		-19.01			309.75
	17	-14.98	98		-16.02			310.74
	18	-15.64	83		-16.73			310.03
	19	-15.88	42		-16.98			309.78
	20	-15.30	62		-16.36			310.40
	21	-15.03	98		-16.09			310.69
	22	-9.45	96		-10.11			316.65
	23	-13.84	90		-14.80			311.96
	24	-15.00	81		-16.04			310.72
	27	-13.95	73		-14.92			311.84
	28	-13.94	77		-14.91			311.85
	29	-13.43	75		-14.36			312.40
	30	-11.90	87		-12.73			314.03
	31	-11.16	81		-11.94			314.82

Month	Day	Scale Dev Diff.	no of Comparisons	R.S.F.	Index Diff.	Ref Tank No.	Ref Tank Index	Air Index	
	<u>1959</u>								
Sept	1	-14.02	76	16.83	-14.99		326.76	311.77	
	2	-14.27	91	16.83	-15.26	74	326.76	311.50	
	3	-14.44	95	1.0695	-15.44			311.32	
	4	-14.07	92		-15.05			311.71	
	5	-13.16	95		-14.07			312.69	
	6	-13.98	88		-14.95			311.81	
	7	-14.23	95		-15.22			311.54	
	8	-13.98	90		-14.95			311.81	
	9	-12.75	31		-13.64			313.12	
			16.52	33	17.07 1.0545	17.42	75	294.62	312.04
	10	20.46	97		21.58			316.20	
	11	22.98	67		24.23			318.85	
	12	16.44	98		17.34			311.96	
	13	18.27	87		19.27			313.89	
	14	15.70	98		16.56			311.18	
	15	14.64	96		15.44			310.06	
	16	14.17	95		14.94			309.56	
	17	13.91	87		14.67			309.29	
	18	15.87	49		16.73			311.35	
	20	16.27	30		17.16			311.78	
	21	16.08	87		16.96			311.58	

Month	Day	Scale Div Diff	No of Comparisons	R.S.F.	Index Diff.	Ref Tank No.	Ref Tank Index	air Index
<u>1959</u>								
Sept	22	17.08	79	17.07	18.01	75	294.62	312.63
	23	18.02	82	1.0545	19.00			313.62
	24	19.46	93	20.52	315.14			
	25	20.13	91	21.23	315.85			
	26	18.79	95	19.81	314.43			
	27	16.58	14	17.48	312.10			
	28	17.35	53	18.30	312.92			
	29	16.75	90	17.66	312.28			
	30	16.22	100	17.10	311.72			
	Oct.	1	17.11	86	18.04			312.66
2		21.78	55	22.97	317.59			
3		24.28	80	25.60	320.22			
4		24.91	93	26.27	320.89			
5		23.94	84	25.24	319.86			
6		20.03	92	21.12	315.74			
7		18.58	89	19.59	314.21			
8		21.89	32	23.08	317.70			
9		22.39	39	23.61	318.23			
10		23.17	79	24.43	319.05			
11		21.43	79	22.60	317.22			
12		21.34	31	22.50	317.12			

Month	Day	Scale Dir. Diff	No. of Comparisons	R.S.F.	Index Diff.	Ref Tank no.	Ref Tank Index	Air Index
	<u>1959</u>							
Oct.	12 ^{cont}	-6.51	42	19.62 1.0216	-6.65	72	320.51	313.86
	13	-2.86	96		-2.92			317.59
	14	7.26	85		+7.42			327.93 323.09
	15	7.11	29		7.26			327.77
	16	4.77	59		4.87			325.38
	17	2.61	94		2.67			323.18
	18	3.61	89		3.69			324.20
	19	-4.51	91		-4.61			315.90
	20	-5.27	96		-5.38			315.13
	21	-2.71	96		-2.77			317.74
	22	8.17	64		8.35			328.86
	23	12.16	95		12.42			332.93
	24	-0.70	98		-0.72			319.79
	25	-5.37	96		-5.49			315.02
	26	-6.79	64		-6.94			313.57
	27	-6.05	66		-6.18			314.33
	28	-5.68	96		-5.80			314.71
	29	-4.33	93		-4.42			316.09
	30	-4.10	95		-4.19			316.32
	31	-4.03	98		-4.12			316.39

Month	Day	Scale Div Diff	No of Comparisons	R.S.F.	Index Diff	Ref Tank no	Ref Tank Index	Air Index
<u>1959</u>								
Nov	1	-4.93	96	17.62	-5.04	92	320.57	315.47
	2	-2.02	92	1.0216	-2.06			
	3	-2.69	91		-2.75			
	4	-2.83	93		-2.89			
	5	-0.28	22		-0.29			
		22.94	28	17.56	23.52	23	292.48	316.00
				1.0251				
	6	24.66	81		25.28			317.76
	7	24.96	93		25.59			318.09
	8	27.66	88		28.35			320.83
	9	28.16	98		28.87			321.35
	10	29.29	69		30.03			322.51
	11	35.76	62		36.66			329.14
	12	31.21	83		31.99			324.47
	13	28.41	55		29.12			321.60
	14	22.94	40		23.52			316.00
	15	20.81	99		21.33			313.81
	16	22.98	99		23.56			316.04
	17	34.69	78		35.56			328.04
18	32.19	85		33.00			325.48	
19	28.49	87		29.21			321.69	

Month	Day	Scale Div Diff	No of Comparisons	R-S F.	Index Diff	Ref Tank No.	Ref Tank Index	air Index
<u>1959</u>								
Nov	20	32.18	81	17.56	32.99	23	292.48	325.47
	21	32.05	68	11.0251	32.85			325.33
	22	28.97	66		29.70			322.18
	23	27.74	53		28.44			320.92
	24	28.77	41		29.49			321.97
	25	28.48	15		29.19			321.67
	30	26.19	28		26.85			319.33
Dec.	1	28.33	28		29.04			321.52
	2	29.24	29		29.97			322.45
	3	26.12	76		26.78			319.26
	4	27.60	88		28.29			320.77
	5	22.50	82		23.06			315.54
	6	23.02	88		23.60			316.08
	7	24.74	72		25.36			317.84
	8	25.13	25		25.76			318.24
		-1.79	27	16.78 11.0727	-1.92	84	320.19	318.27
	9	-3.42	77		-3.67			316.52
	10	-4.96	87		-5.32			314.87
	11	5.37	78		5.76			325.95
	12	13.46	80		14.44			334.63

Month	Day	Scale Div Diff	No of Comparisons	R.S.F.	Index Diff.	Ref Tank no.	Ref Tank Index	Air Index
<u>1959</u>								
Dec	13	7.09	94	16.78	7.61	84	320.19	327.80
	14	-2.83	94	1.0727	-3.04			317.15
	15	-.38	79		-.41			319.78
	16	-.88	82		-.94			319.25
	17	-.80	92		-.86			319.33
	18	7.40	84		7.94			328.13
	19	9.54	92		10.23			330.42
	20	10.59	88		11.36			331.55
	21	-2.14	91		-2.30			317.89
	22	6.29	80		6.75			326.94
	23	9.24	95		9.91			330.10
	24	-.91	84		-.98			319.21
	25	-4.28	96		-4.59			315.60
	26	-2.87	64		-3.08			317.11
	31	-4.50	57		-4.83			315.36
<u>1960</u>								
Jan	1	-1.29	94	-1.38	-1.38			318.81
	2	-1.39	98		-1.49			318.70
	3	-0.83	98		-.89			319.30
	4	-3.32	91		-3.56			316.63
	5	0.02	100		.02			320.21

Month	Day	Scale Div Diff	No of Comparisons	R.S.F.	Index Diff	Ref Tank no	Ref Tank Index	Air Index
<u>1960</u>								
Jan.	6	1.03	96	16.78 1.0727	1.10	84	320.19	321.29
	7	3.54	36		3.80			323.99
		10.58	34	16.91 1.0645	11.26	85	318.46	329.72
		12.83	77		13.66			332.12
		2.06	96		2.19			320.65
		-1.31	41		-1.39			319.07
		-2.06	54		-2.19			316.27
		-2.67	90		-2.84			315.62
		1.19	66		1.27			319.73
		0.60	96		0.64			319.10
		-1.11	93		-1.18			317.28
		3.30	70		3.51			321.97
		1.58	54		1.68			320.14
		3.12	85		3.32			321.78
		1.81	93		1.93			320.39
		3.03	93		3.23			321.69
		5.91	94		6.29			324.75
		9.47	94		10.08			328.54
		4.44	95		4.73			323.19
		4.06	95		4.32			322.78

Month	Day	Scale Dev Diff	No of Comparisons	R.S.F.	Index Diff	Ref Tank No	Ly Tank Index	air Index
<u>1960</u>								
Jan	26	-2.33	88	16.91 1.0645	-2.48	85	318.46	315.98
	27	2.25	93		2.40			320.86
	28	12.44	98		13.24			331.70
	29	8.99	69		9.57			328.03
	30	8.68	98		9.24			327.70
	31	5.47	100		5.82			324.28
Feb.	1	0.24	98		0.26			318.72
	2	-0.57	94		-0.60			319.86
	3	6.10	31		6.49			324.95
		0.39	36	17.04 1.0563	0.42 0.41	64	319.11	319.52
	4	4.62	100		4.88			327 ⁹⁹ 83
	5	10.44	90		11.02			330. ¹³ 22
	6	7.95	98		8.40			327.5 ¹ 6
	7	10.84	96		11. ⁴⁵ 54			330. ⁵⁶ 65
	8	-0.25	94		-0.26			318.8 ⁵
	9	-3.61	78		-3.81			315. ³⁰ 29
	10	-2.61	98		-2.76			316.3 ⁵
	11	3.47	98		3.69			322. ⁷⁸ 80
	12	2.17	94		2.29			321.40
13	4.01	98		4.24			323.3 ⁵	

Month	Day	Scale Div Diff	No of Comparisons	R.S.F.	Index Diff	Ref Tank No	Ref Tank Index	Air Index
<u>1960</u>								
Feb	14	4.21	98	17.04 1.0563	4.45	64	319.11	323.56
	15	4.20	96		4.44			323.55
	16	2.17	86		7.57			326.68
	17	6.37	98		6.73			325.84
	18	1.56	94		1.65			320.76
	19	-0.98	92		-0.82			318.29
	20	2.64	96		2.79			321.90
	21	3.30	98		3.49			322.60
	22	1.95	98		2.06			321.17
	23	6.11	32		6.45			325.56
	24	0.83	36		0.88			319.99
	25	3.49	98		3.69			322.80
	26	1.88	98		1.99			321.10
	27	-1.65	96		-1.74			317.37
	28	2.72	98		2.87			321.98
	29	-0.60	98		-0.63			318.48
March	1	0.25	29		0.26			319.37
		-12.49	38	17.08 1.0537	-13.16	84	328.91	315.75
	2	-6.47	96		-6.82			322.09
	3	-4.90	97		-5.16			323.75

Month	Day	Scale Div Diff	No of Comparisons	R.S.F.	Index Diff	Ref Tank No	Ref Tank Index	Air Index
<u>1960</u>								
March	4	-6.49	96	17.08 1.0539	-6.84	84	328.91	322.07
	5	-0.09	96		-0.09			328.82
	6	-3.09	98		-3.24			325.67
	7	-6.10	97		-6.43			322.48
	8	-7.89	96		-8.32			320.59
	9	-9.52	97		-7.93			320.98
	10	-6.58	97		-6.93			321.98
	11	-8.19	94		-8.63			320.28
	12	-6.28	98		-6.62			322.29
	13	-12.99	98		-13.69			315.22
	14	-7.91	98		-8.34			320.57
	15	0.06	94		0.06			328.97
	16	-0.67	88		-0.71			328.20
	17	-8.39	87		-8.84			320.09
	18	3.20	96		3.37			332.28
	19	6.46	97		6.81			335.72
	21	1.04	60	17.02 1.0576	1.10	57	330.68	331.78
	22	-4.70	67		-4.97			325.71
	23	-10.19	98		-10.78			319.90
	24	-9.28	96		-9.81			320.87
	25	-13.58	93		-14.36			316.32

Month	Day	Scale Div Diff	No of Comparisons	R.S.F.	Index Diff.	Ref Tank No.	Ref Tank Index	Air Index
<u>1960</u>								
March	26	-13.56	98	17.02	-14.34	57	330.68	316.34
	27	-12.26	100	1.0576	-12.97			317.71
	28	-12.95	94		-13.70			316.98
	29	-7.95	64		-8.41			322.27
	30	-8.96	61		-9.48			321.20
	31	-9.82	100		-10.39			320.29
April	1	-4.59	27		-4.85			325.83
	4	3.89	38		4.11			334.79
	5	-1.52	62		-1.61			329.07
	6	-4.93	98		-5.21			325.47
	7	-9.63	96		-10.18			320.50
	8	-12.92	96		-13.66			317.02
	9	-12.17	98		-12.87			317.81
	10	-12.58	98		-13.30			317.38
	11	-12.54	102		-13.26			317.42
	12	-9.37	96		-9.91			320.77
	13	-6.74	64		-7.13			323.55
	14	-7.00	96		-7.40			323.28
	15	-6.56	62		-6.94			323.74
			12.39	32	17.05 1.0557	13.08	A-20	310.57

Month	Day	Seale Div Diff	no of Comparisons	R.S.F.	Index Diff	Ref Tank No.	Ref Tank Index	Air index
<u>1960</u>								
April	16	11.70	96	17.05 1.0557	12.35	A-20	310.57	322.92
	17	10.91	98		11.52			322.09
	18	12.84	96		13.56			324.13
	19	11.51	96		12.15			322.72
	20	9.72	96		10.26			320.83
	21	7.28	96		7.69			318.26
	22	6.60	94		6.97			317.54
	23	6.17	98		6.51			317.08
	24	7.81	96		8.25			318.82
	25	8.61	96		9.09			319.66
	26	8.64	94		9.12			319.69
	27	6.94	86		7.33			317.90
	28	8.37	85		8.84			319.41
	29	10.69	93		11.29			321.86
30	12.92	96		13.64			324.21	
May	1	17.57	96		18.55			329.12
	2	12.48	26		13.18			323.75
		-0.55	36	17.06 1.0557	-0.58	2399	317.86	317.28
	3	0.13	83		0.14		318.00	318.00
	4	0.38	66		0.40			318.26

Month	Day	Scale Div Diff	No of Comparisons	R. S. F.	Index Diff	Ry Tank No	Ry Tank Index	air Index
<u>1960</u>								
May	5	4.06	69	17.06 1.0551	4.28	2399	317.86	322.14
	6	7.67	78		8.09			325.95
	7	6.57	96		6.93			324.79
	8	3.89	98		4.10			321.96
	9	2.70	92		2.85			320.71
	10	6.13	82		6.47			324.33
	11	7.32	85		7.72			325.58
	12	4.53	43		4.78			322.64
	23	0.14	35		0.15			318.01
	24	0.41	72		0.43			318.29
	25	1.78	81		1.89			319.75
	26	3.35	78		3.53			321.39
	27	6.16	54		6.45 ⁵⁰			324.36
June	6	0.81	57		0.85			318.71
	7	0.63	81		0.66			318.52
	8	-0.23	61		-0.24			317.62
	9	-0.67	97		-0.71			317.15
	10	-1.45	58		-1.53			316.33
	13	-16.38	32	17.10 1.0526	-17.24	6074	332.73	315.49
	14	-15.90	7		-16.74			315.99
	15	-14.74	66		-15.52			317.21
16	-13.80	50		-14.53			318.20	