

FREQUENCY OF OCCURRENCE OF WIND SPEED-DIRECTION GROUPS AT IGANDO

THE COLUMN	Z	NNE		NE ENE	3	बङब	SE	388	S	WS.S.	MS	WSW	*	W WAW	WN	NNN	TOTAL
0 ~ 49	1.9	0.6							0.6	8 6	3.7	5.6	7 7.	6.2	8.1 26	7,8	41.5%
5~9.9		:						60	34	121	2 9.1 94	121					582%
10~14.9		. :							0.3								0.3%
TOTAL	1.9 6	0.6	4.				2.5	0 e	4.3	14.9		32.8 17.7 106 57	5.0	6.2	8.1 26	7.8	100%

AUGUST	GUST 1979																
0 4 ~ 0	23		0.1			0.1	0.5	0.3	0.5	2.1	2.7	2.2	1.7	i	2.2	2.7	187%
	17		-			F	4	7		6	20	16	13	16	91	20	
5 ~ 9		-		<b></b>					3.2	15.6	4 4.4	16.7	0.1		0.3		803%
					<del></del>				24	116	330	124	-		8		597
10~14.9											0.5	0.4					0.9%
											4	m					*
TOTAL	823		0.1		<u> </u>	0.1	0.5	0.3	3.7	168	168 47.6			1	2.5	2.7	100%
, -	17		p=4			ŗ	*	۲۵	28	125	354	143	14	16		20	743

SEPTEMBER 1979	WBER	1979	,														
0 0	8.1.1	1.8	0.2	0.2	0.5	0.7	0.2	1.1	2.3	6.0	5.8	3.3	3.3	3.0	4.4	7.7	51.8%
4	67	10	1		1	4	rel	9	13	34	33	19	19	17	25	77	295
0	· 				0.2	0.4	0.4	0.2	0.2	97	228	2.1.2	0.2				481%
n i			-		-	<b>6.</b> 3	64	Ħ	<b>~</b>	#D	130	121	#4		- 1		274
10~14.9											0.2						0.2%
		-	<u> </u>				•				<b>—</b>						~
T V W V W	11.8	1.8	0.2	0.2	<b>9</b> .0	1.1	0.5	1.2	2.5	8.6	288	24.6	3.5	3.0	4.4	7.7	100%
70701	29	10	rd	_	~	9	m	~	4	49	164	140	20	17	2.5	44	570

FREQUENCY OF OCCURRENCE OF WIND SPEED-DIRECTION GROUPS AT LAGOS

										Same Section			4 1 4 4 4 4 4			
	NNE	NE	ENE	œ	田の田	SE	SSE	Ø	SSW	MS.	WSW	A	WNW NW	NW	NNW	TOTAL
	5.2 0.9	1.3	2.2	3.1	1.7		6.3	16.6	1 1.8	0.4	87	120	761 071 87	0.7	5.9	89.06
	47	9	10	14	8		29	9.	5.4	2	13	5.5	90	1	27	415
0.2			10 mm	0.2	0.2	0.2	0	2.4	3.3		0.2	0.4	1'1		0.4	86.6
				1	Z	1	3	11	15		1	2	5		2	43
1															1.1	
5.5	6.0	က က	2.2	හ ස්	0.7		0.2 7.0	0.6.1		0.4	3.1	1.24	31 124 207 0.7	0.7	63	100%
25	4	ဖ	01	13	o,	<b>-4</b>	32	87	69	⟨\	*	57	98	**	29	

	5.3%	390	44%	80		-	100%	000
	9			·		<u></u>		
-	4.4	18			:	<u>-</u> -	44	2
	0.2	-	1 1				0.2	F
	9.8		7				8.6	0.0
	8.2	32					7.8	44
÷.	3.4	14				٠.	3.4	7.
= .	0.2						0.2	P
	17.9	7.3	0.5 1.5 2.0	οö			19.9	ā
	21.3	8.7	1.5	•			22.8	60
	11.5	47	50	44	11.000		120	40
٠.	0.7	3					0.7	or!
	33	16					3.9	4
	53	12.	2.0	1.			3.2	ori
4	2.5	10					0.5 2.5	10.
	0.5	2					0.5	٨
. 6.2	4.9	20					4.9	00
T 197	3.4	14	0.2	7	· · · · ·		3.7	v.
AUGUST 1979	0 7 ~ 0		00		V • • • • •	5 0 ~ O1	T A TO CHE	74707

FREQUENCY OF OCCURRENCE OF WIND SPEED-DIRECTION GROUPS AT LAGOS

JULY 1978	1978		<b>4</b>	PARAMETER OF COUNTRINGS OF WIND SPEED-DIRECTION GROUPS AT LAGOS	<b>.</b>	<b>)</b>	A TOTAL	; ;	7:::	7777	724.17	1011	100kb	T V	ראככמ		
HOLE HICK	z	NNE	NE E	ENE	А	ESE	SE	SSE	တ	SSW	AS.	WSW	SSW SW WSW W WNW	WNW	MN	WNN	TOTAL
4.9	0.2 1	0.2	5 % (s)	0.2	2.1	1 0.9 52	30	1 9.4 93	19.4 20.7	15.1	3.1	3.1 12.9 15 62	22	Lo S			967%
S ~ 9.9						0.6 3	0.4	9.4 2	0.0 8	0.2		9.0	0.2				3.3 %
TOTAL	0.2	0.2		0.2	2.1	11.5 55	6.7 3.2	19.8	21.3	15.3	15.3 3.1 73 15	13.8 4.8 66 23	4.8	3.0			100%

				-												
0 ~ 49	0.4	9.0		80		1.6 131	5.3	1.5.1	133 227	227	3.5	35 169	4.5 1.2	1.2		80.66
	2	3		7	8	6.4	- 56	7.4	65	111	17	83	22	89		485
5 ~ 9.9						0.2	0.2	9.0		0.2						1.0%
		:	:	• .		-	-	8		-	:.					Ś
TOTAL	0.4	0.6		0.8	1.6	හ ස් සේ	η. 13	15.5	133	229	3.5	169	\$ 4	1.2		100%
		က	:	*	ø	6.5	2.1	2.6	- :	65 112	1.7	83	1	•		490

SEFI	SEFTEMBER	1978								;						
0 ~ 4.9	0.4	1.3	 8.0	34	2 0.6 96	6.9	6.9 14.4 32 67	36	17.4	2.8	166	22	6,0	3.6	1.4	100.0%
5 ~ 9.9						.,										
TOTAL	0.4	1.3	8.0	34	20.6	32	6.9 14.4 32 67		7.8 17.4 36 81		13 77	4.7	0.9 0.6 1.4	3.6	1.4	100%

OCTOB	OCTOBER 1978				٠		: .	: -2				: :	
0 ~ 4.9					٠.	·.	÷						
6.6 ~ 3					0N NO	REC	RECORD						
TOTAL				1									

FREQUENCY OF OCCURRENCE OF WIND SPEED-DIRECTION GROUPS AT LAGOS

NOVEMBER 1978

41         7.6         7.9         7.4         1.7         5.3         1.3         1.9         0.2         99.8%           19         36         37         35         8         25         6         9         1         471           4.1         7.6         7.3         7.4         1.7         5.3         1.3         1.9         0.2         99.8%           4.1         7.6         7.3         7.4         1.7         5.7         4.4         0.6         0.8         99.8%           19         6.5         5.2         1.7         5.7         4.4         0.6         0.8         99.8%           11         4.3         31         2.5         8         2.7         2.1         3         4         4.75           2.9         6.5         5.2         1.7         5.7         4.4         0.6         0.8         9.98%           1.2         4.3         31         2.5         8         2.7         2.1         3         4         4.75           2.9         6.5         5.2         1.7         5.7         2.1         3         2         4.89           2.9         6.5         8.0<	
36         37         35         8         25         6         9         1           7.6         7.9         7.4         1.7         5.3         1.3         1.9         0.2         1           36         37         37         38         25         6         9         1 </td <td>163</td>	163
7.6         7.9         7.4         1.7         5.3         1.3         1.9         0.2         1           3.6         3.7         3.6         3.7         4.4         0.6         0.8         9           1.5         4.3         3.1         2.5         1.7         5.7         4.4         0.6         0.8         1           1.5         4.3         3.1         2.5         8         2.7         2.1         3         4         1           1.5         4.3         3.1         2.5         8         2.7         2.1         3         4         1           6.5         8.0         6.5         5.2         1.7         5.7         4.4         0.6         0.8         1           8.1         3.1         2.5         8         2.7         2.1         3         4         1           8.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4         1           8.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4         1           8.5         8.0         5.9         0.6 <t< td=""><td>18</td></t<>	18
36         37         35         8         25         6         9         1           36         37         35         8         25         6         9         1           31         90         6.5         5.2         17         57         44         0.6         0.8           15         43         31         25         8         27         21         3         4           15         43         31         25         8         27         21         3         4           15         43         31         25         8         27         21         3         4           65         80         6.5         5.9         0.6         4.5         27         21         3         4           65         80         5.9         0.6         4.5         27         10         0.7         0.4           85         80         5.9         0.6         4.5         27         10         0.7         0.4           85         45         22         4         5         12         3         1         9           7.8         10.0         4.9	0.2
36         37         35         8         25         6         9         1           31         9.0         6.5         5.2         1.7         5.7         4.4         0.6         0.8           15         43         31         25         8         27         21         3         4           15         43         31         25         1.7         5.7         4.4         0.6         0.8           65         80         6.5         5.2         1.7         5.7         4.4         0.6         0.8           65         80         6.5         9         0.6         4.5         2.7         10         0.7         0.4           32         29         3         22         13         5         3         2           6.5         80         5.9         0.6         4.5         2.7         10         0.7         0.4           32         29         3         22         13         5         3         2           6.5         80         5.9         0.6         4.5         2.7         10         0.7         0.4           32         45         22	150 165 38 70
3.1     9.0     6.5     5.2     1.7     5.7     4.4     0.6     0.8       15     43     31     25     8     27     21     3     4       3.1     9.0     6.5     5.2     1.7     5.7     4.4     0.6     0.8       15     43     31     25     8     27     21     3     4       6.5     80     6.5     9.6     4.5     2.7     10     0.7     0.4       32     39     29     3     22     13     5     3     2       6.5     80     5.9     0.6     4.5     2.7     1.0     0.7     0.4       32     39     29     3     22     13     5     3     2       6.5     80     5.9     0.6     4.5     2.7     1.0     0.7     0.4       32     39     29     3     22     13     5     3     2       35     45     22     4     5     12     3     1     9       7.8     10.0     4.9     0.9     1.1     27     0.7     0.7     9       7.8     10.0     4.5     22     4     5 <t< td=""><td>71 78 18 33</td></t<>	71 78 18 33
3.1     9.0     6.5     5.2     1.7     5.7     4.4     0.6     0.8       15     4.3     3.1     2.5     8     2.7     2.1     3     4       15     4.3     3.1     2.5     8     2.7     4.4     0.6     0.8       15     4.3     3.1     2.5     8     2.7     1.7     4.4     0.6     0.8       15     4.3     3.1     2.5     8     2.7     1.7     4.4     0.6     0.8       4     3.2     1.7     2.7     4.4     0.6     0.8     0.6       5     2.9     3.0     2.6     4.5     2.7     1.0     0.7     0.4       5     3.9     2.9     3.0     4.5     2.7     1.0     0.7     0.4       6.5     8.0     5.9     0.6     4.5     2.7     1.0     0.7     0.4       5     8.0     5.9     0.6     4.5     2.7     1.0     0.7     0.4       5     8.0     5.9     0.6     4.5     2.7     1.0     0.7     0.4       7.8     10.0     4.9     0.9     1.1     2.7     0.7     0.7     0.4       8.5     4.5<	
3.1         9.0         6.5         5.2         1.7         5.7         4.4         0.6         0.8           15         43         3.1         25         8         27         21         3         4           3.1         9.0         6.5         5.2         1.7         5.7         4.4         0.6         0.8           4.3         3.1         2.5         8         2.7         2.1         3         4           5.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4           5.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4           5.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4           5.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4           5.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4           5.8         4.5         2.2         4         5         1.2         3         1         9	
15     43     31     25     8     27     21     3     4       31     9.0     6.5     5.2     1.7     5.7     44     0.6     0.8       43     31     25     8     27     21     3     4       6.5     80     5.9     0.6     4.5     2.7     1.0     0.7     0.4       32     39     29     3     22     13     5     3     2       6.5     80     5.9     0.6     4.5     2.7     1.0     0.7     0.4       32     80     5.9     0.6     4.5     2.7     1.0     0.7     0.4       32     39     29     3     22     13     5     3     2       7.8     1.00     4.9     0.9     1.1     2.7     0.7     0.2     20       35     45     22     4     5     12     3     1     9       35     45     22     4     5     12     3     1     9	15.7
3.1       9.0       6.5       5.2       1.7       5.7       4.4       0.6       0.8         15       4.3       31       25       8       27       21       3       4         6.5       8.0       5.9       0.6       4.5       2.7       1.0       0.7       0.4         3.2       3.9       2.9       3       22       13       5       3       2         6.5       8.0       5.9       0.6       4.5       2.7       1.0       0.7       0.4         5.       3.0       2.9       3       2.2       13       5       3       2         6.5       8.0       5.9       0.6       4.5       2.7       1.0       0.7       0.4         5.       3.9       2.9       3       2.2       1.3       5       3       2       2         7.8       1.0.0       4.9       0.9       1.1       2.7       0.7       0.2       2.0         3.5       45       2.2       4       5       1.2       3       1       9         7.8       10.0       4.9       0.9       1.1       2.7       0.7       0.2	21
3.1         9.0         6.5         5.2         1.7         5.7         4.4         0.6         0.8           15         43         31         25         8         27         21         3         4           6.5         8.0         5.9         0.6         4.5         27         1.0         0.7         0.4           3.2         39         29         3         22         13         5         3         2           6.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4           3.2         3.9         2.9         3         2.2         13         5         3         2           6.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4           3.2         4.5         2.2         13         5         3         1         9           7.8         1.0.0         4.9         0.9         1.1         2.7         0.7         0.2         2.0           3.5         4.5         2.2         4         5         1.2         3         1         9           7.8	0.2
65         80         5.9         0.6         4.5         27         10         0.7         0.4           32         39         29         3         22         13         5         3         2           6.5         80         5.9         0.6         4.5         27         1.0         0.7         0.4           5         80         5.9         0.6         4.5         2.7         1.0         0.7         0.4           32         39         29         3         22         13         5         3         2           7.8         1.00         4.9         0.9         1.1         27         0.7         0.2         20           35         45         22         4         5         12         3         1         9           7.8         10.0         4.9         0.9         1.1         27         0.7         0.2         20           85         45         22         4         5         12         3         1         9           7.8         10.0         4.9         0.9         1.1         27         0.7         0.2         20           85	13.8 15.9 4.5 6.2
6.5     8.0     5.9     0.6     4.5     2.7     1.0     0.7     0.4       3.2     3.9     2.9     3     2.2     1.3     5     3     2       6.5     8.0     5.9     0.6     4.5     2.7     1.0     0.7     0.4       3.2     3.9     2.9     3     2.2     1.3     5     3     2       7.8     1.0.0     4.9     0.9     1.1     2.7     0.7     0.2     20       7.8     1.0.0     4.9     0.9     1.1     2.7     0.7     0.2     2.0       7.8     1.0.0     4.9     0.9     1.1     2.7     0.7     0.2     2.0       7.8     1.0.0     4.9     0.9     1.1     2.7     0.7     0.2     2.0       3.5     4.5     2.2     4     5     1.2     3     1     9       3.5     4.5     2.2     4     5     1.2     3     1     9	66 76 21 29
6.5         80         5.9         0.6         4.5         27         1.0         0.7         0.4           32         39         29         3         22         13         5         3         2           6.5         8.0         5.9         0.6         4.5         2.7         1.0         0.7         0.4           3.2         3.9         2.9         3         2.2         13         5         3         2           7.8         1.0.0         4.9         0.9         1.1         2.7         0.7         0.2         20           3.5         4.5         2.2         4         5         1.2         3         1         9           7.8         10.0         4.9         0.9         1.1         2.7         0.7         0.2         20           7.8         10.0         4.9         0.9         1.1         2.7         0.7         0.2         20           7.8         10.0         4.9         0.9         1.1         2.7         0.7         0.2         20           3.5         4.5         2.2         4         5         12         3         1         9	
6.5         8.0         5.9         0.6         4.5         27         1.0         0.7         0.4           3.2         3.9         2.9         3.1         2.2         13         5         3         2           7.8         1.00         4.9         0.9         1.1         2.7         0.7         0.2         20           7.8         10.0         4.9         0.9         1.1         2.7         0.7         0.2         20           7.8         10.0         4.9         0.9         1.1         2.7         0.7         0.2         20           3.5         4.5         2.2         4         5         1.2         3         1         9           7.8         10.0         4.9         0.9         1.1         2.7         0.7         0.2         20           3.5         4.5         2.2         4         5         1.2         3         1         9	<u> </u>
6.5 8.0 5.9 0.6 4.5 2.7 1.0 0.7 0.4 32. 3. 2.2 1.3 5. 3. 2.2 2.2 1.3 5. 3. 2.2 2.2 2.3 1.3 5. 3. 2.2 2.0 3.5 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	94 98 11 27
6.5     8.0     5.9     0.6     4.5     2.7     1.0     0.7     0.4       3.2     3.9     2.9     3     2.2     13     5     3     2       7.8     10.0     4.9     0.9     1.1     2.7     0.7     0.2     20       3.5     4.5     2.2     4     5     1.2     3     1     9       7.8     10.0     4.9     0.9     1.1     2.7     0.7     0.2     20       3.5     45     22     4     5     12     3     1     9	
32         39         29         3         22         13         5         3         2           7.8         1.0.0         4.9         0.9         1.1         27         0.7         0.2         20           35         45         22         4         5         12         3         1         9           7.8         10.0         4.9         0.9         1.1         27         0.7         0.2         20           35         45         22         4         5         12         3         1         9	19.2 20.0 2.2 5.5
7.8     1.0.0     4.9     0.9     1.1     2.7     0.7     0.2     2.0       35     45     22     4     5     12     3     1     9       7.8     10.0     4.9     0.9     1.1     2.7     0.7     0.2     20       35     45     22     4     5     12     3     1     9	94 98 11 27
7.8     1.0.0     4.9     0.9     1.1     2.7     0.7     0.2     2.0       35     45     22     4     5     12     3     1     9       7.8     10.0     4.9     0.9     1.1     2.7     0.7     0.2     2.0       35     45     22     4     5     12     3     1     9	
7.8     10.0     4.9     0.9     1.1     27     0.7     0.2     20       35     45     22     4     5     12     3     1     9       7.8     10.0     4.9     0.9     1.1     27     0.7     0.2     20       35     45     22     4     5     12     3     1     9	
35         45         22         4         5         12         3         1         9           7.8         10.0         4.9         0.9         1.1         27         0.7         0.2         20           35         45         22         4         5         12         3         1         9	1.9.6
7.8     10.0     4.9     0.9     1.1     2.7     0.7     0.2     2.0       35     45     22     4     5     12     3     1     9	72 88 23 26
7.8         10.0         4.9         0.9         1.1         2.7         0.7         0.2         2.0           35         45         22         4         5         12         3         1         9	
35 45 22 4 5 12 3 1 9	162 196 51 58
	72 88 23 26

FREQUENCY OF OCCURRENCE OF WIND SPEED-DIRECTION GROUPS AT LAGOS

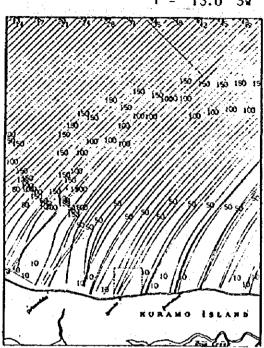
MARCH																	
DIR.	Z	NNE	NE	ENE	Ø	बङब	38	SSE	Ø	SSW	ANS.	MSM	M	WAW	WN	NNN	TOTAL
0 ~ 49	· ·	11.0	53	7.4	2.2	9.7	2.7	2.0	21.4	182	0.4	4.7	3.6	2.7	9.0	1.5	97.4%
	14	52	88	35	13	22	13	33	101	86	.73	22	<b>!~</b>	13	<b>6</b>	7	461
5 ~ 9.9		1.4						0.2	1.1	1.1			0.2		1		X97
	_							-	'n	ĸ			*				12
TOTAL	30	1.0	5.9	7.4	17.	46	2.7	7.2	224	19.3	0.4	17	28	2.7	9.0	1.5	100%
	1.4	52	28	35	13	22	13	34	106	91	4	22	18	23	673	<b>-</b>	473
APRIL	1979	6															
0 7 ~ 0	22	6.0	0.7	24	3.7	3.1	0.7	7.5	31.5	2 1.8	0.4	7.4	46	5.7	0.2	5.7	9079K
		4	ಣ	11	11	7 4	'n	3.5	143	66	۲۵	71 17	2	13	-	56	412
S ~ 99						0.3		0.2	4.6	4.0						0.2	9.3%
ļ	.					1		1	21	18		74. 14.					42
TOTAL	22	6.0	0.7	24	3.7	3.4	0.7	7.7	361	25.8	0.4	7.4	97	62	0.2	5.9	100%
	10	4	8	11	17	15	. 3	35	164	117	2	11	21	13	<b>~4</b>	27	454
MAY	979																
0 ~ 4.9	43	4.2	6.0	97	3.1	3.7	0.2	7.4	25.2	21.7	0.2	0.7	8.1	3.1		7.7	931%
		19	*	12	14	17	н	34	115	66	1	3	37	14		35	425
5 ~ 9.9		-					4	4	2.0	3.5		10.4	0.2			0.2	67%
				_		1		~	6	16		7	<b>574</b>			۲.	31
TOTAL	4 8	7.5	6. O	∞ , N	- F	٦ ا	0.2	7.8	27.2	25.2	0.2	r r	8	3.1	-	6.4	300 T
	0.7	5	*	13	14	17	7	36	124	115	~	٧;	38	14		36	
HUNE	1979											·				10~14.9	.9 ENE 1 (0.2%)
	3.5	2.6	0.7	2.4	3.7	2.0	0.9	4.4	20.3	16.3	0.7	70%	146	1 0.9	6.0	6.1	920%
,	16	12	83	11	17	ð.	· •	20	93	75	ത		67	20	4	82	422
5 ~ 99		0.2						0.2	3.4	8.7		0.2	9.0	0.2		0.4	80%
		-4				:		7	16	13		P.	3	p=q		7	37
TOTAL	ග් ස්	90 N	0.7	7.4	3.7	20	60	4.6	23.7	1 9.1	2.0	4.24	15.2	11.1	6.0	5.9	100%
	16	13	3	17	17	6	7	21	109	88	8	10	70	51	4	30	459

## REFRACTION DIAGRAM

T = 11.0 SW

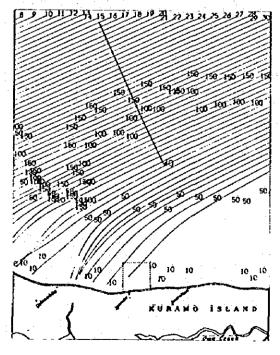
T = 13.0 SV

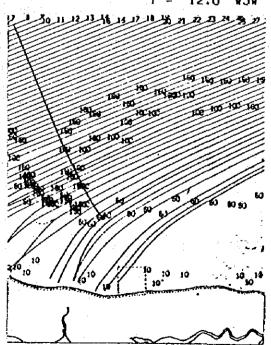




T = 11.0 wsW

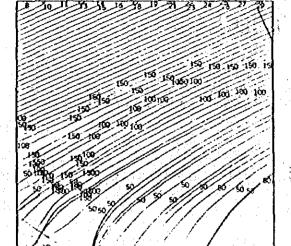
T = 12.0 VSW





## REFRACTION DIAGRAM

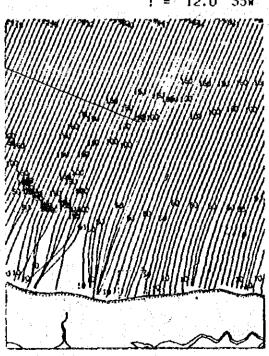
T = 13.0 VSV



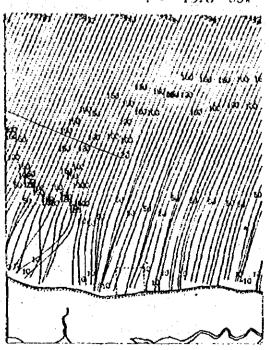
J = 11.0 SSW



T = 12.0 SSW

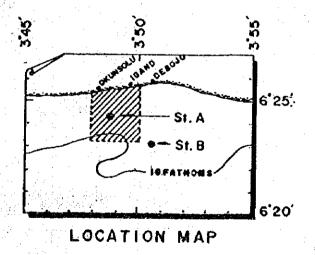


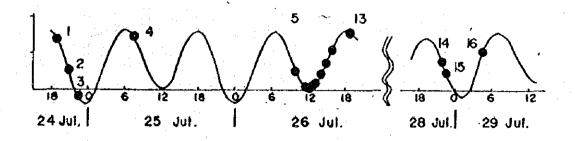
T = 13.0 55W

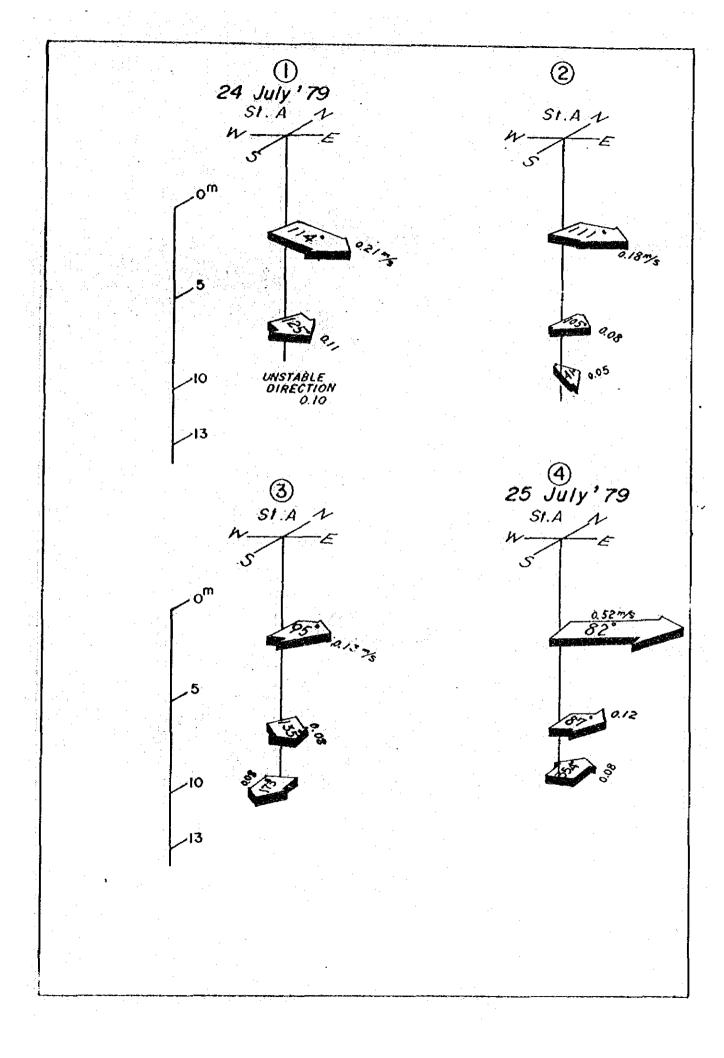


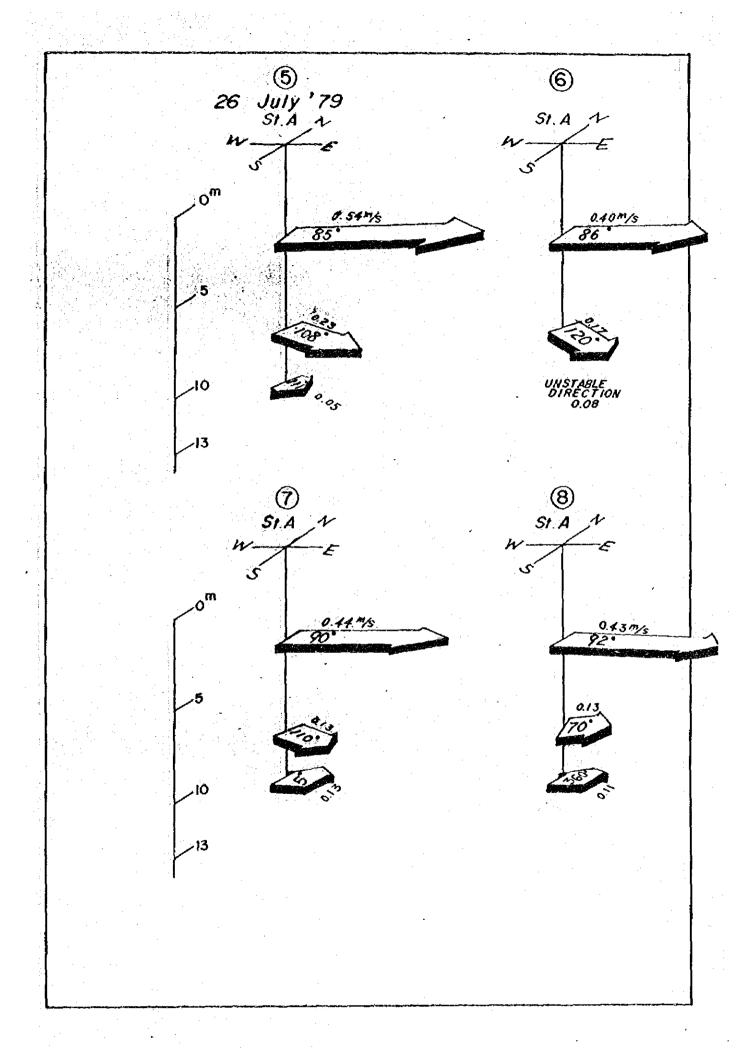
# RESULTS OF COASTAL CURRENT OBSERVATION

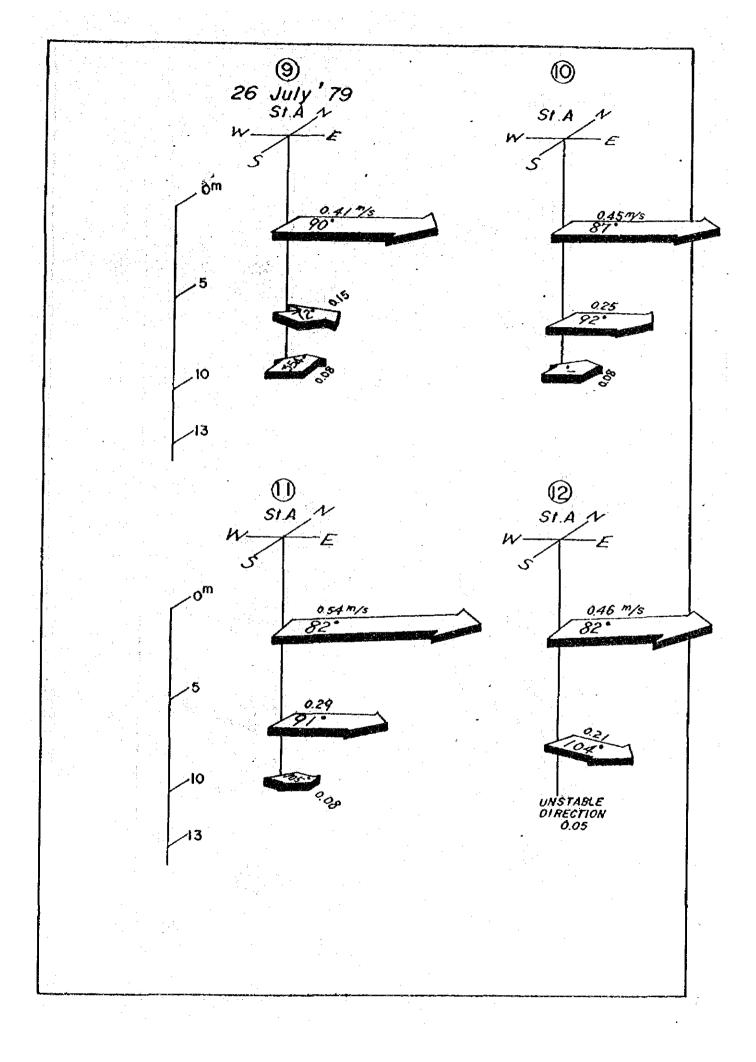
Observed by Electric Current Meter
Type: CM-2S
On 24 July '79 ~ 28 July '79

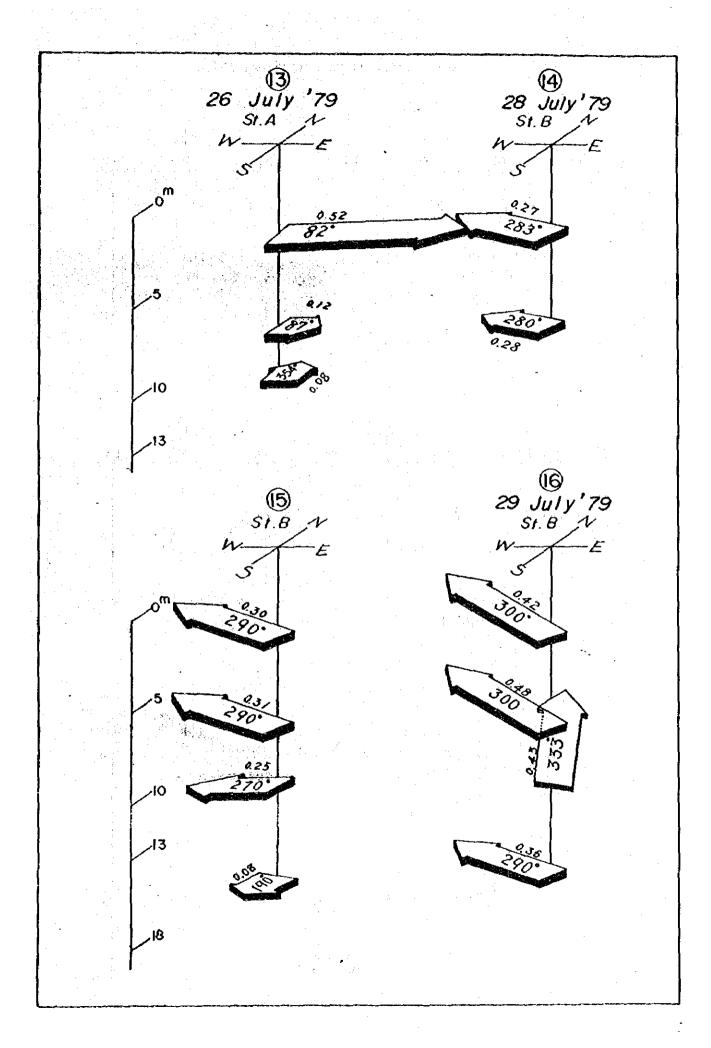




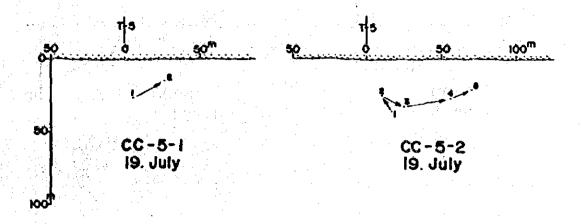


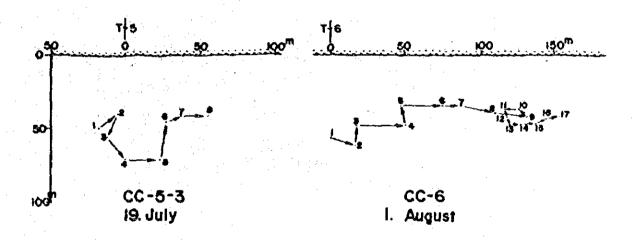


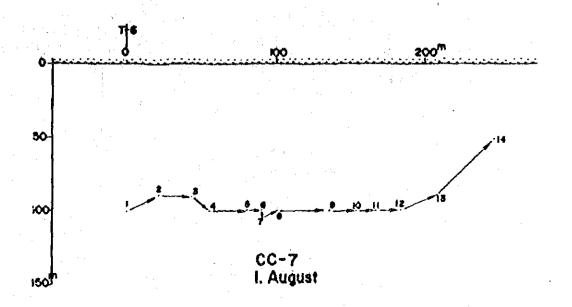


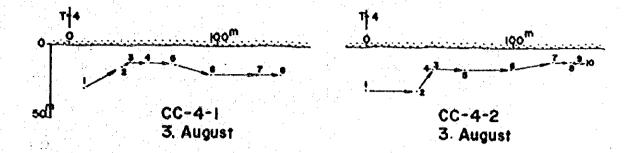


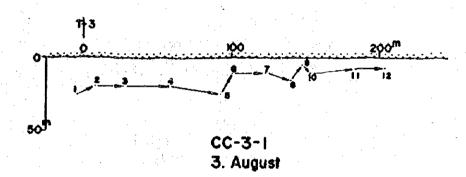
### TRACING CHARTS OF FLOATING BUOYS

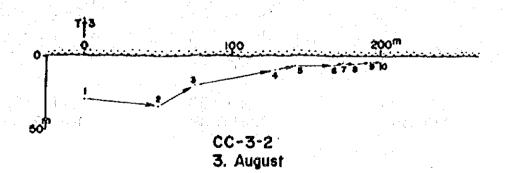


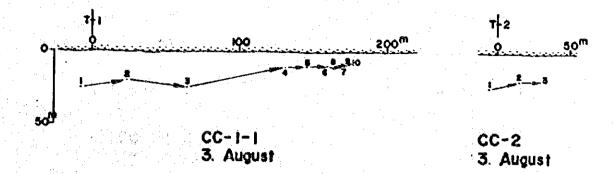


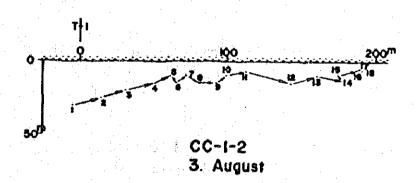


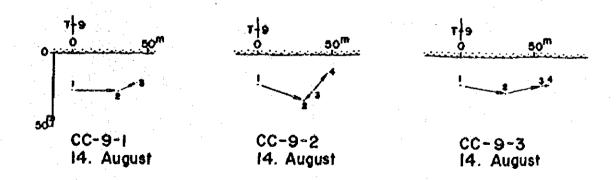


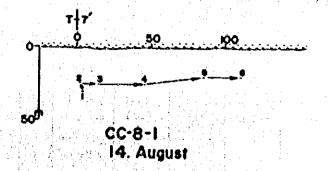


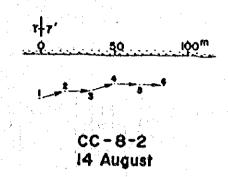


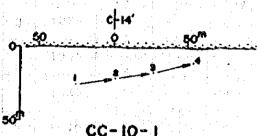


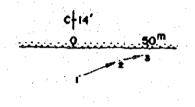












CC-10-1 18. September

CC-IO-2 I8.September

#### CC - 5 - 1

St. No.	TIME h. m	DIS.	TIME INTER ( sec )	VELOC m/**
1	1028			1 2
2	1 029	25	60	0.4.2

#### CC - 5 - 2

1	1035		To the state of th	
2	1036	13	60	022
		16	120	013
3	1038	32	60	053
4	1039			
5	1040	15	60	025

#### MEAN 028

#### CC - 5 - 3

1	1058			407
2	1059	16	60	0.27
3	1 100	16	60	027
<b>.</b>	The state of the s	19	60	032
4	1101	24	60	040
5	1102			1
6	1103	25	60	0.42
	<b></b>	11	60	0.18
7	1104	18	60	030
8	1105	_		

#### CC-6

		<del>, , , , , , , , , , , , , , , , , , , </del>		
S I. NO.	TIME b. m	DIS. (m)	TIME INTER. ( >>> )	VELOC.
1	1635	17	60	028
2	1636			
3	1637	13	. 60	022
4	1638	33	60	0.5 5
5		13	120	0.11
	1640	28	120	023
6	1642	11	120	0.09
7	1644	24	60	0.40
8	1645	22	60	0.37
9	1646	8	60	
10	1647	•	60	013
11	1648	10	60	017
12	1649	5	60	800
		6	60	0.10
13	1650	8	60	0.13
14	1651	11	60	018
15	1652	8	60	0.13
16	1653			
17	1654	9	60	0.15

MEAN 0.21

S I.	TIME b. m.	DIS.	TIME INTER	VELOC
. 1	1418	50	60	0.83
2	1419	29	60	0.48
3	1420	55	60	0.90
- 4 5	1421	13	60	022
6	1423	27	60	0.45
7	1424	7	60 60	010
8	1425	10	60	0.17
9	1426	9	60	0.15
			NAED A N	L

MEAN 0.38

-	-		-		-
•		_		_	**
Ċ	ι.	-		_	c

1	1432			A 6 6
2	1433	13	60	0.22
3	1434	19	60	032
4	1435	31	60	0.52
5	1436	35	60	0,58
6	1437	17	60	028
7	1438	22	60	0.37
8	1439	17	60	0.28
9	1440	13	60	0.22
10	1441	8	60	0.13
ļ	ļ.—	31	60	0.52
11	1442	20	60	0.33
12	1443			

MEAN 0.34

CC-1-1

St. NO.	TIME b. m.	DIS.	TAME	VELOC m/==
3 · · · · · · · · · · · · · · · · · · ·	1436	8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		
2	1437	32	60	0.53
3	1438	41	60	0.68
4	1439	68	60	1.13
		15	60	0.25
5	1440	15	60	0.25
6	1441	5	60	0.08
7	1442	6	60	0.10
8	1443	2	60	0.03
9	1444	3	60	0.05
10	1445	3	30	, v.o.s
	LA	·	MEAN	034

			MEAN	034
CC-	1-2	,		
1	1514	19	60	0.32
2	1515		<del> </del>	
3	1516	17	60	0.28
4	1517	20	60	0.33
5	1518	12	60	0.20
		6	60	0.10
6	1519	8	60	0.13
7	1520	10	60	017
8	1528	11	60	0.18
9	1522	8	60	0.13
10	1523	14	60	0.23
111	1524	31	60	0.52
12	1525	19	60	0.32
13	1526			027
14	1527	16	60	
15	1528	4	60	0.07
16	1529	13	60	0.22
17	1530	3	60	0.05
		2	60	0.03
18	1531			
			MEAN	0,39

1.1.1.4.	100	i (Hy).		1.4-5-11.1
S 1. NO	TIME b, m	DIS.	TIME INTER (sec )	VELOC m∕∞
1	1714	24	120	020
2	1716	22	120	018
3	1718	15	120	0.13
4	1720	25	120	0.21
5	1722	10	60	017
6	1723	5	60	0.08
7	1724	11	60	0.18
8	1725	35	60	0.58
9	1726 1729	18	180	0.10
10	1730	13	60	0.22
12	1731	17	60	028
13	1732	26	60	0.43
14	1736	54	240	0.23
<u> </u>	L	L	L	l

MEAN 032

				51.54
S t. NO.	TIME b. m	DIS.	TIME INTER ( 960 )	VELOC m/sec
1	1 350	29	60	Δıά
2	1351			0.48
3	1352	6	60	010
4	1353	11	60	0.18
		16	60	027
5	1354	28	60	0.47
6	1355	32	60	053
7	1356		<u> </u>	
8	1357	14	60	023

MEAN 0.32

C	С	-	4	-	2

	<u> </u>			_
1	1400	35	60	0.58
2	1401	18	60	0.30
3	1402	2		0.03
4	1403		60	0.03
		22	60	0.37
5	1404	31	60	0.52
6	1405			
<b>}</b>		30	60	0.50
7	1406	12	60	0.20
8	1407	5	60	0.08
9	1408			
		5	60	0.08
10	1409			

MEAN 0.30

S t. NO.	TIME b. m.	DIS.	TIME INTER.	VELOC m/**
1	1546	21	60	0.35
2	1547			
3	1548	14	60	023

MEAN 0.29

C C - 9 - 1

			N 199		
	1	1317	<u> </u>	60	050
-	2	1318	31	60	052
	3	1319	13	60	0.22

MEAN 037

CC-9-2

1	1320			
2	1321	33	60	0.55
	1322	8	60	0.13
	1322	16	60	0.27
4	1323			

MEAN 0.32

CC - 9 - 3

1	1325	31	60	0.52
2	1326			
3	1327	25	60	0.42
4	1328	4	60	0.07

MEAN 0.34

St. NO	TIME h. m.	DIS. (m)	TIME INTER	VELOC m/w
1	1420	Ś		000
2	1421		60	80.0
3	1422	12	60	020
		31	60	0.52
4	1423	41	60	0.68
5	1424	25	<b></b>	
6	1425	25	60	0.42

MEAN 0.38

CC-8-2

			1	T :
1	1427	18		0.20
2	1428		60	0.30
3	1429	17	60	028
		18	60	0.30
4	1430	17	60	028
5	5 1431		<b> </b>	V.20
6	1432	17	60	0.28

MEAN 0.29

CC-10-1

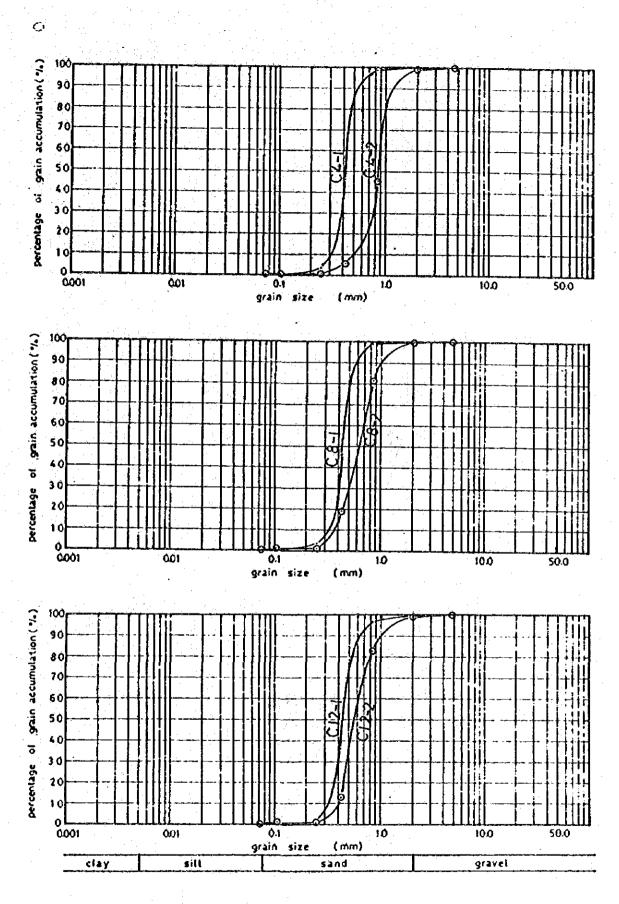
1	0920	0.0		
2	0921	26	60	0.43
	0922	26	60	0.43
		28	60	0.47
4	0923			

MEAN 0.44

CC-10-2

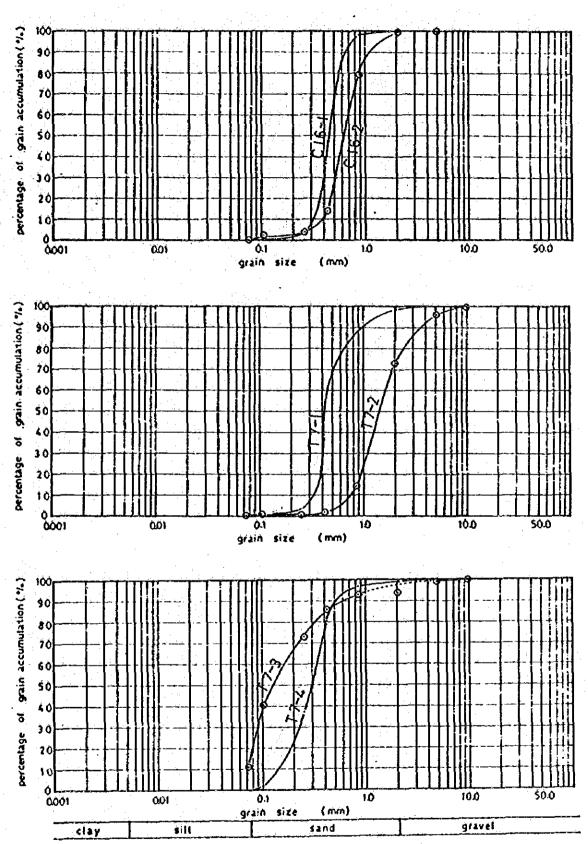
1	0932	29	60	0.48
2	0933		60	0.48
3	0934	16	. 00	021

MEAN 0.38



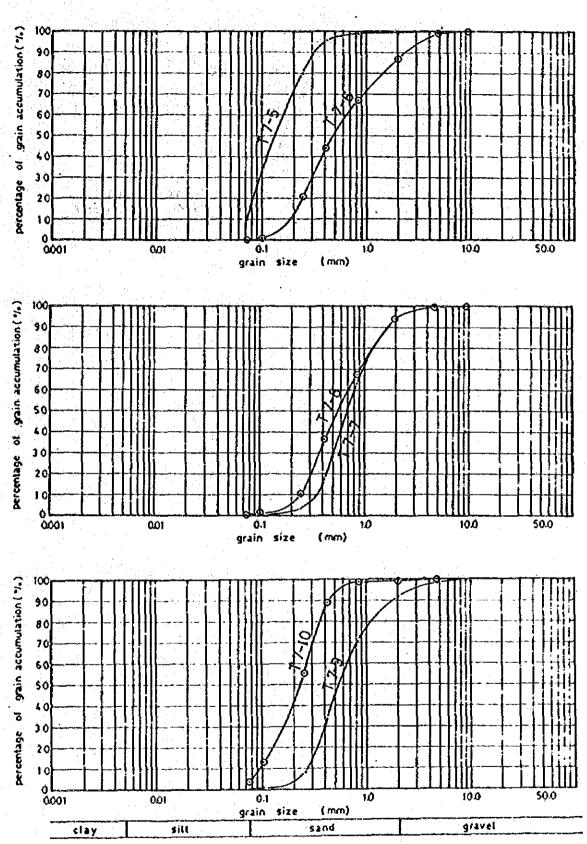
Grain Size Accumulation Curves



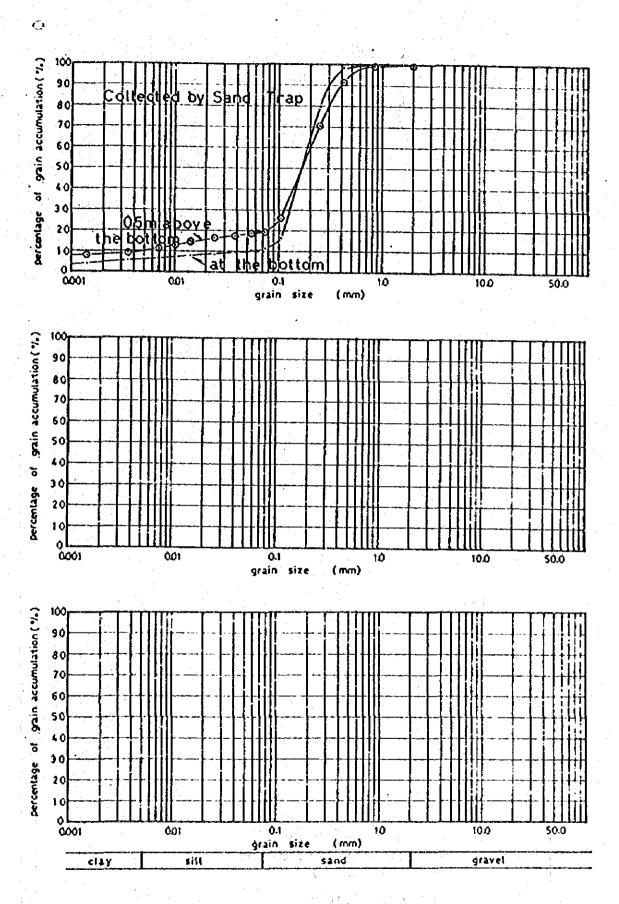


Grain Size Accumulation Curves

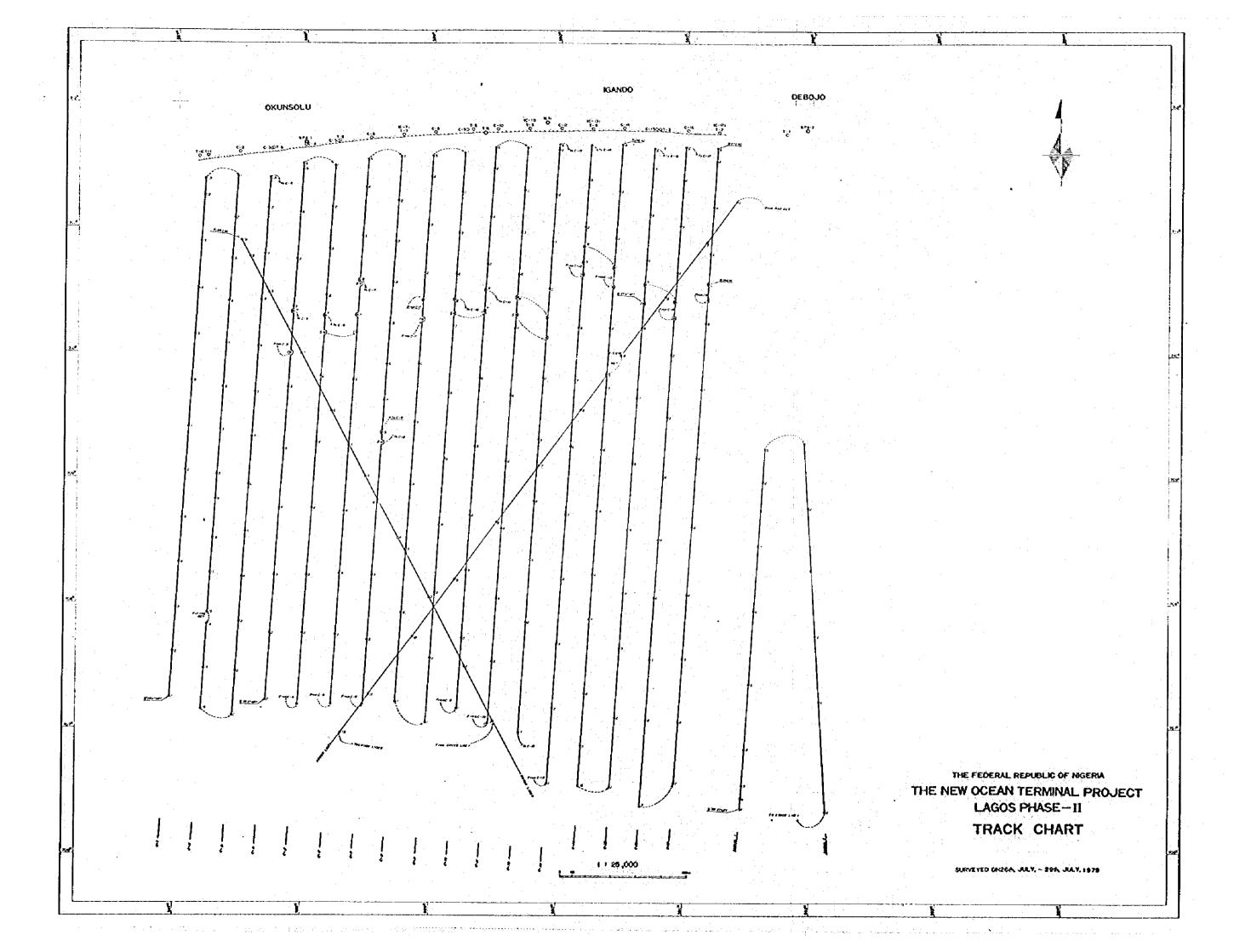




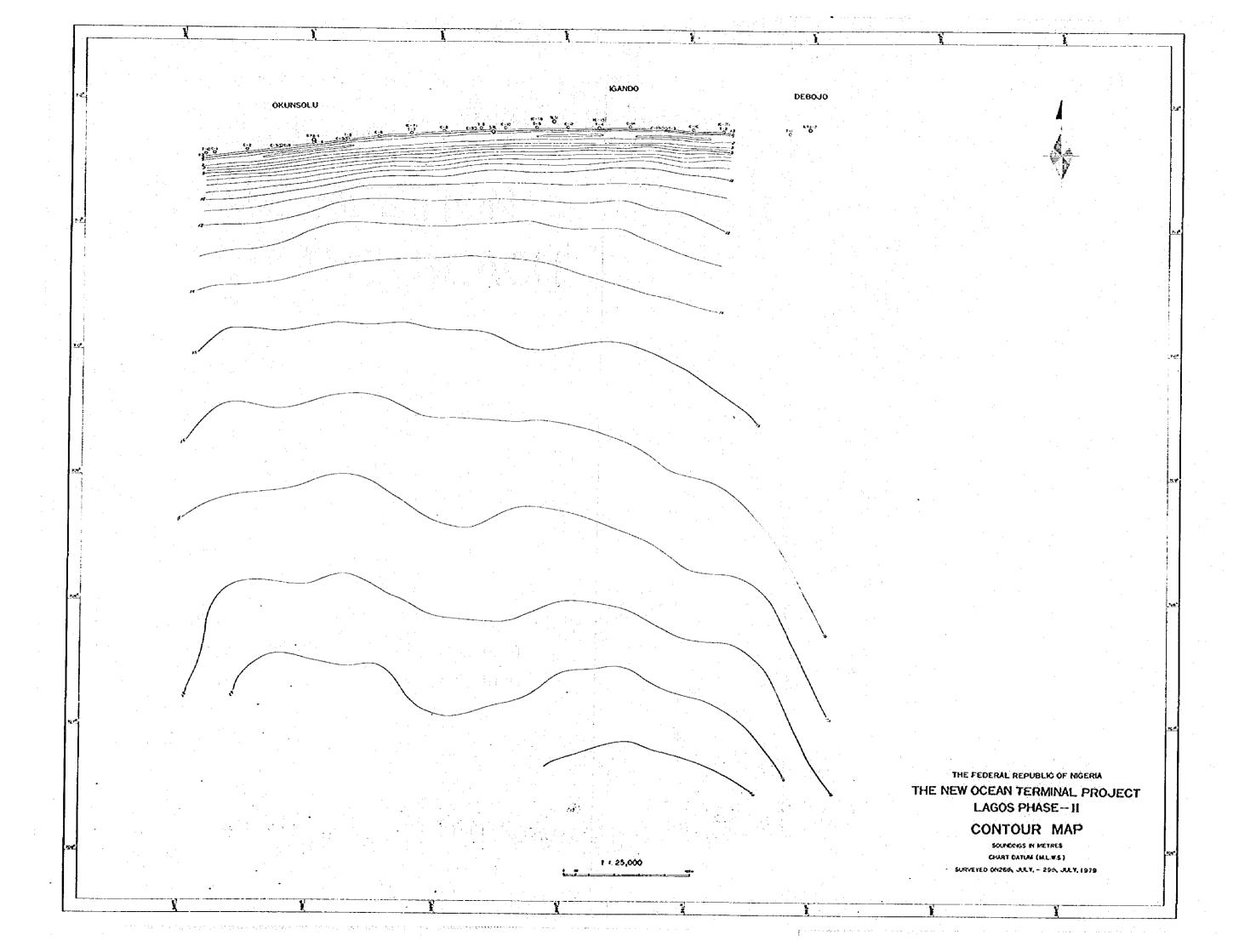
Grain Size Accumulation Curves



Grain Size Accumulation Curves



IGANDO DEBOJO OKUNSOLU THE FEDERAL REPUBLIC OF MIGERIA THE NEW OCEAN TERMINAL PROJECT LAGOS PHASE-II SOUNDING CHART SOUNDINGS IN METRES CHART DATUM (MLWS) 1 - 25,000 SURVEYED 04265, JULY, - 295, JULY, 1979



## CROSS SECTION OF THE BEACH

SCALE V=1:200 H=1:400

----- Surveyed on 18~21 DEC. 1978
------ 21 JUL. 1979

