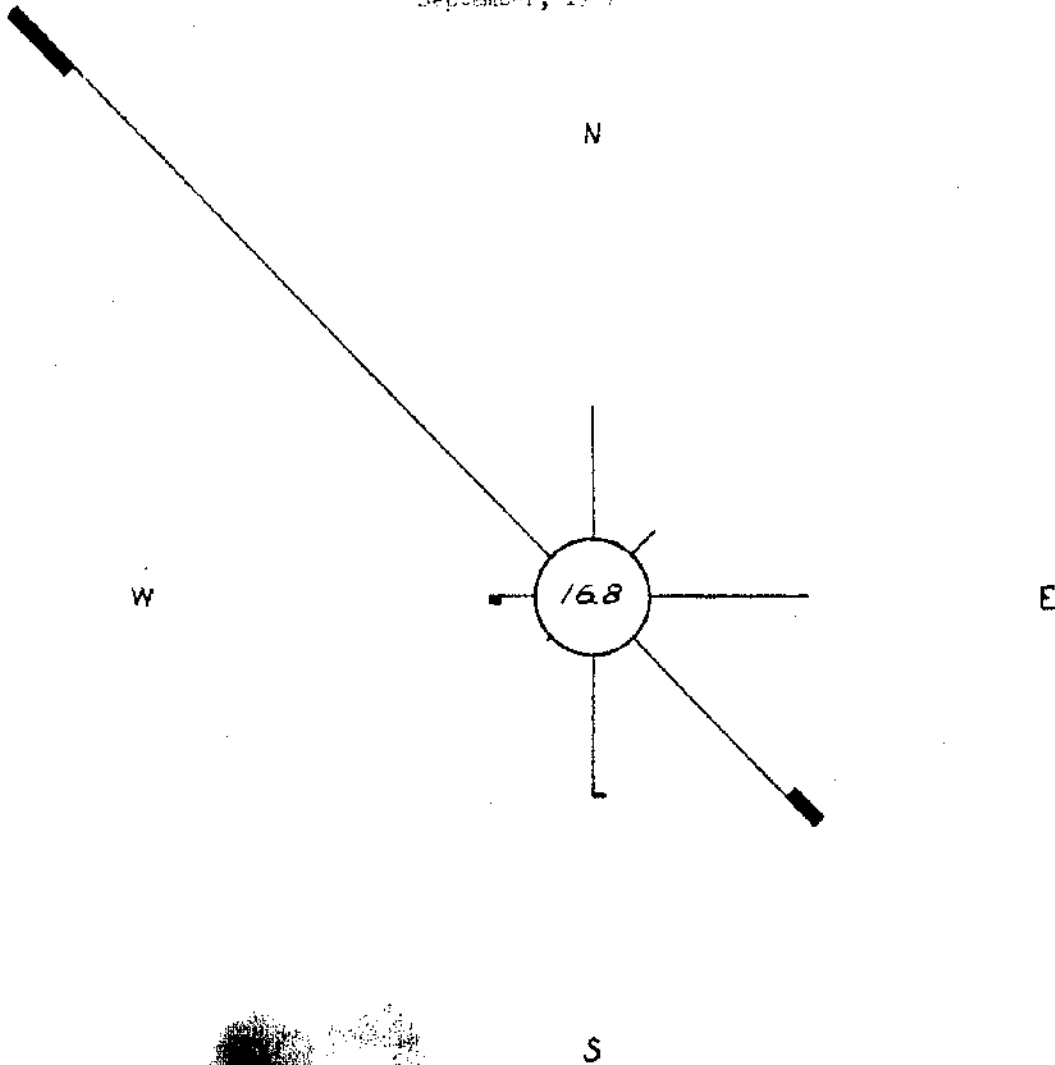




WIND ROSE

SRA

September, 1947



16.8

90 of calms (0 - 3 mph)



4 - 15 mph

16 - 31 mph

90 scale



Measured from circumference of circle

N	NE	E	SE	S	SW	W	NW	Crater	Area	N	NE	E	SE	S	SW	W	NW	Crater	Area
/	/	/	/	/	/	/	/	✓	1-2			/	/						9-10
/	/	/	/	/	/	/	/	✓	2-3			/	/						10-11
/	/	/	/	/	/	/	/	✓	3-4			/	/						11-12
/	/	/	/	/	/	/	/	✓	4-5			/	/						12-13
/	/	/	/	/	/	/	/	✓	5-6			/	/						1-2
/	/	/	/	/	/	/	/	✓	6-7			/	/						2-3
/	/	/	/	/	/	/	/	✓	7-8			/	/						3-4
/	/	/	/	/	/	/	/	✓	8-9			/	/						4-5
/	/	/	/	/	/	/	/	✓	9-10			/	/						5-6
/	/	/	/	/	/	/	/	✓	10-11			/	/						6-7
/	/	/	/	/	/	/	/	✓	11-12			/	/						7-8
/	/	/	/	/	/	/	/	✓	12-13			/	/						8-9
/	/	/	/	/	/	/	/	✓	1-2			/	/						9-10
/	/	/	/	/	/	/	/	✓	2-3			/	/						10-11
/	/	/	/	/	/	/	/	✓	3-4			/	/						11-12
/	/	/	/	/	/	/	/	✓	4-5			/	/						12-13
/	/	/	/	/	/	/	/	✓	5-6			/	/						1-2
/	/	/	/	/	/	/	/	✓	6-7			/	/						2-3
/	/	/	/	/	/	/	/	✓	7-8			/	/						3-4
/	/	/	/	/	/	/	/	✓	8-9			/	/						4-5
/	/	/	/	/	/	/	/	✓	9-10			/	/						5-6
/	/	/	/	/	/	/	/	✓	10-11			/	/						6-7
/	/	/	/	/	/	/	/	✓	11-12			/	/						7-8
/	/	/	/	/	/	/	/	✓	12-13			/	/						8-9
/	/	/	/	/	/	/	/	✓	1-2			/	/						9-10
/	/	/	/	/	/	/	/	✓	2-3			/	/						10-11
/	/	/	/	/	/	/	/	✓	3-4			/	/						11-12
/	/	/	/	/	/	/	/	✓	4-5			/	/						12-13
/	/	/	/	/	/	/	/	✓	5-6			/	/						1-2
/	/	/	/	/	/	/	/	✓	6-7			/	/						2-3
/	/	/	/	/	/	/	/	✓	7-8			/	/						3-4
/	/	/	/	/	/	/	/	✓	8-9			/	/						4-5
/	/	/	/	/	/	/	/	✓	9-10			/	/						5-6
/	/	/	/	/	/	/	/	✓	10-11			/	/						6-7
/	/	/	/	/	/	/	/	✓	11-12			/	/						7-8
/	/	/	/	/	/	/	/	✓	12-13			/	/						8-9
/	/	/	/	/	/	/	/	✓	1-2			/	/						9-10
/	/	/	/	/	/	/	/	✓	2-3			/	/						10-11
/	/	/	/	/	/	/	/	✓	3-4			/	/						11-12
/	/	/	/	/	/	/	/	✓	4-5			/	/						12-13
/	/	/	/	/	/	/	/	✓	5-6			/	/						1-2
/	/	/	/	/	/	/	/	✓	6-7			/	/						2-3
/	/	/	/	/	/	/	/	✓	7-8			/	/						3-4
/	/	/	/	/	/	/	/	✓	8-9			/	/						4-5
/	/	/	/	/	/	/	/	✓	9-10			/	/						5-6
/	/	/	/	/	/	/	/	✓	10-11			/	/						6-7
/	/	/	/	/	/	/	/	✓	11-12			/	/						7-8
/	/	/	/	/	/	/	/	✓	12-13			/	/						8-9
/	/	/	/	/	/	/	/	✓	1-2			/	/						9-10
/	/	/	/	/	/	/	/	✓	2-3			/	/						10-11
/	/	/	/	/	/	/	/	✓	3-4			/	/						11-12
/	/	/	/	/	/	/	/	✓	4-5			/	/						12-13

least  
 hrs. of  
 walking  
 unit

no data



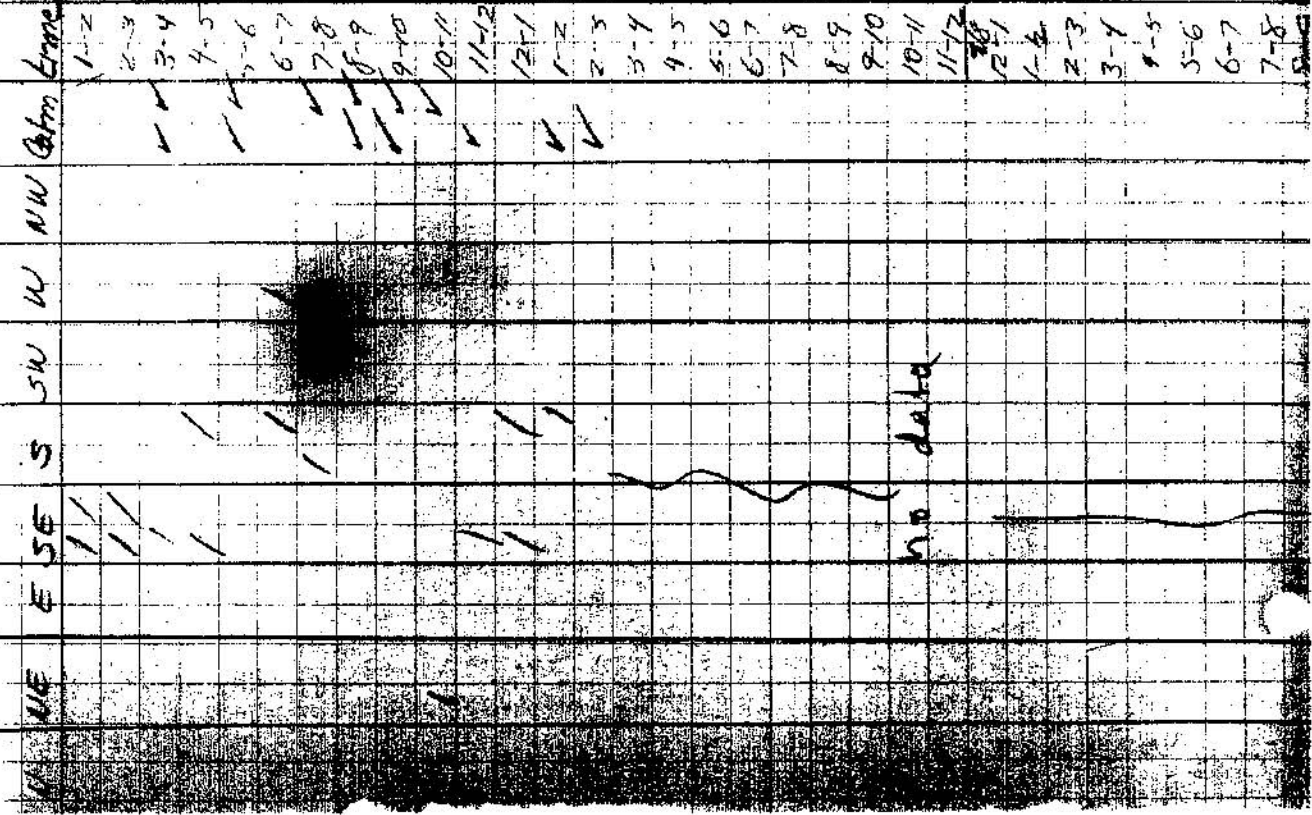
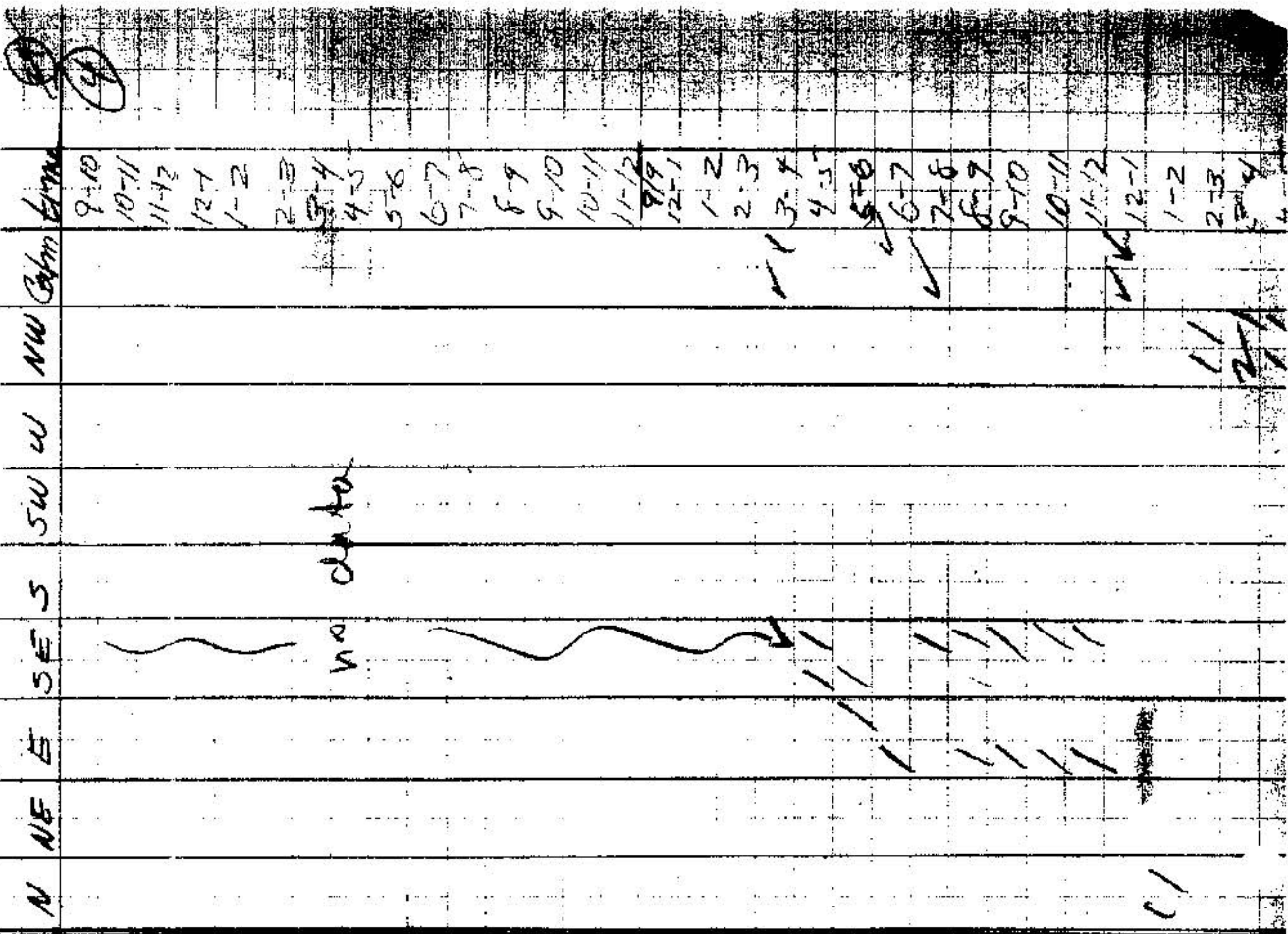
N	NE	E	SE	S	SW	W	NW	CBM	Line	N	NE	E	SE	S	SW	W	NW	CBM	Line	Capn type	②	
									1-1										1-1		1-1	
									2-2										2-2		2-2	
									3-3										3-3		3-3	
									4-4										4-4		4-4	
									5-5										5-5		5-5	
									6-6										6-6		6-6	
									7-7										7-7		7-7	
									8-8										8-8		8-8	
									9-9										9-9		9-9	
									10-10										10-10		10-10	
									11-11										11-11		11-11	
									12-12										12-12		12-12	
									1-1										1-1		1-1	
									2-2										2-2		2-2	
									3-3										3-3		3-3	
									4-4										4-4		4-4	
									5-5										5-5		5-5	
									6-6										6-6		6-6	
									7-7										7-7		7-7	
									8-8										8-8		8-8	
									9-9										9-9		9-9	
									10-10										10-10		10-10	
									11-11										11-11		11-11	
									12-12										12-12		12-12	
									1-1										1-1		1-1	
									2-2										2-2		2-2	
									3-3										3-3		3-3	
									4-4										4-4		4-4	
									5-5										5-5		5-5	
									6-6										6-6		6-6	
									7-7										7-7		7-7	
									8-8										8-8		8-8	
									9-9										9-9		9-9	
									10-10										10-10		10-10	
									11-11										11-11		11-11	
									12-12										12-12		12-12	

no data

no data

no data















N	NE	E	SE	S	SW	W	NW	Calms	Time
							11		9, 10
							11		10, 11
									11

N	NE	E	SE	S	SW	W	NW	Calms	Time
									1-2
							11		2-3
							11		3-4
							12		4-5
							11		5-6
							21		6-7
							11		7-8
							11		8-9
							11		9-10
							11		10-11
							11		11-12
									9/29
									12/1
									1-2
									2-3
									3-4
									4-5
									5-6
									6-7
									7-8
									8-9
							11		9-10
									10-11
									11-12
									12-1
							11		1-2
									2-3
							11		3-4
									4-5
							22		5-6
							12		6-7
							21		7-8
							11		8-9

Direction

Observations

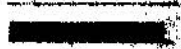
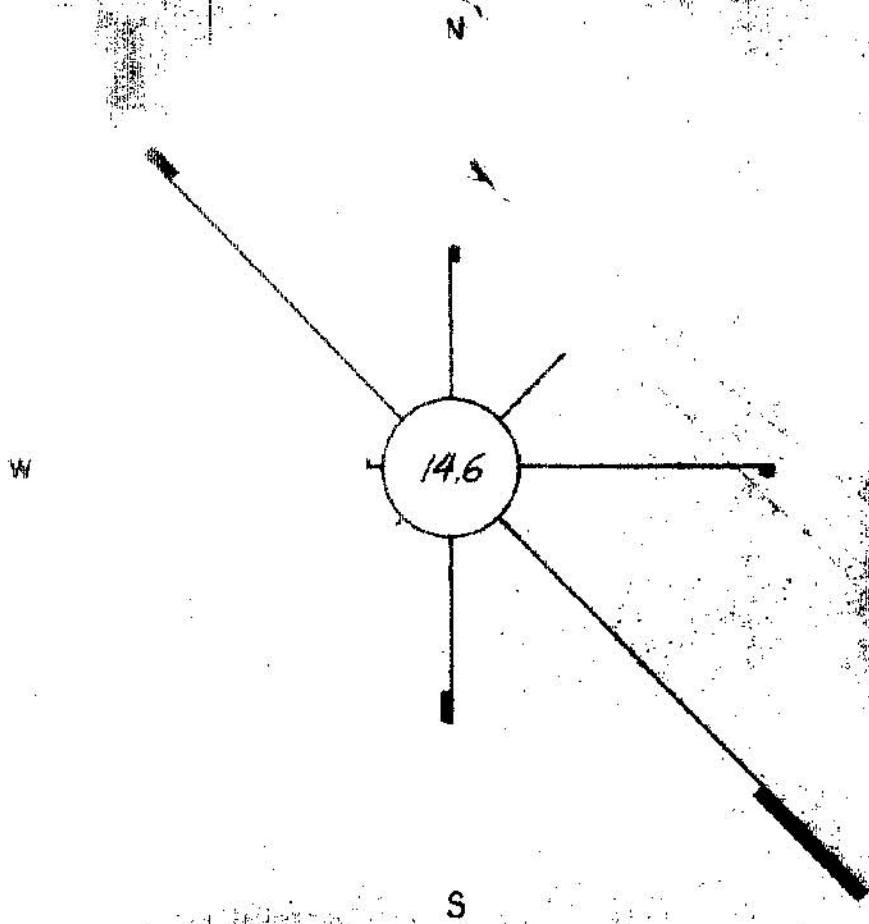
Measurements

1 2 3

Direction	Observations	Measurements	1	2	3
N	52	100	4.1	-	-
NE	133	100	3.8	-	-
E	63	100	8.0	-	-
SE	105	84.8	7.1	-	-
S	58	97.8	9.8	-	-
SW	4	100	.5	-	-
W	19	79	2.6	-	-
NW	304	89.9	46.9	-	-
Sum	125	16.6	133.7	-	-
	743	563	57	-	-

52  
133  
63  
105  
58  
4  
19  
304  
125  
743

WIND ROSE - SRA  
October, 1957



Scale (0 - 3 mph)

14 = 15 mph

16 = 31 mph

Scale



Measured from circumference of circle



V.	NE	E	SE	S	SW	W	NW	Calm	Time	N	NE	E	SE	S	SW	W	NW	Calm	Time		
									9/10										1	5/6	
									10/11											2	6/7
									11/12	1	1									3	7/8
									12/1				1							8/9	8/9
									1				1							9/10	9/10
									2				2							10/11	10/11
									3				3							11/12	11/12
									4				4							12/1	12/1
									5				5							1	1
									6				6							2	2
									7				7							3	3
									8				8							4	4
									9				9							5	5
									10				10							6	6
									11				11							7	7
									12				12							8	8
									1				1							9	9
									2				2							10	10
									3				3							11	11
									4				4							12	12
									5				5							1	1
									6				6							2	2
									7				7							3	3
									8				8							4	4
									9				9							5	5
									10				10							6	6
									11				11							7	7
									12				12							8	8
									1				1							9	9
									2				2							10	10
									3				3							11	11
									4				4							12	12
									5				5							1	1

②





(4)

N.	NE	E	SE	S	SW	W	AW	Calon	Time	IV	NE	E	SE	S	SW	W	AW	Calon	Time
/		/			/		/		5 6						/		/		3 4
	/	/					/		6 7							/	/		4 5
		/	/						7 8							/			5 6
		2							8 9	/						/			6 7
			2 2						9 10							/	/		7 8
			2 2						10 11							/	/		8 9
	/								11 12				/			/	/		9 10
	/								12 1			/				/	/		10 11
	/								1 2			/				/	/		11 12
		/							2 3			/				/	/		10-13
		/							3 4			/				/	/		12 1
		/							4 5			2 1				/	/		1 2
		/							5 6			2 1				/	/		2 3
		/							6 7							/	/		3 4
		/							7 8							/	/		4 5
		/							8 9							/	/		5 6
		/							9 10							/	/		6 7
		/							10 11							/	/		7 8
		/							10 12							/	/		8 9
		/							10 4							/	/		9 10
		No record							10-12							/	/		10 11
									2 3							/	/		11 12
									3 4							/	/		12 1
									4 5							/	/		1 2
									5 6							/	/		2 3
									6 7							/	/		3 4
									7 8							/	/		4 5
									7 10							/	/		5 6
									10 11							/	/		6 7
									11 12							/	/		7 8
									12 1							/	/		8 9
									1 2							/	/		9 10
									2 3							/	/		1-110

N.	NE	E	SE	S	SW	W	NW	Time	N	NE	E	SE	S	SW	W	NW	Calon	Time	S
/	/	/	/ 2					10-12				/	/					7 8	
/	/	/	/					12 1				/	/					8 9	
/	/	/	/					1 2				/	/					9 10	
/	/	/						2 3				/	/					10 11	
/	/	/						3 4				/	/					11 12	
/	/	/						4 5				/	/				✓	12 1	
/	/	/						5 6		/		/	/					1 2	
/	/	/					/	6 7				/	/					2 3	
/	/	/					/	7 8				/	/					3 4	
/	/	/					/	8 9				/	/					4 5	
/	/	/					/	9 10				/	/					5 6	
/	/	/					/	10 11				/	/					6 7	
/	/	/					/	11 12				/	/					7 8	
/	/	/					/	12 1				/	/					8 9	
/	/	/					/	1 2				/	/					9 10	
/	/	/					/	2 3				/	/					10 11	
/	/	/					/	3 4				/	/					11 12	
/	/	/					/	4 5				/	/						
/	/	/					/	5 6				/	/						
/	/	/					/	6 7				/	/						
/	/	/					/	7 8				/	/						
/	/	/					/	8 9				/	/						
/	/	/					/	9 10				/	/						
/	/	/					/	10 11				/	/						
/	/	/					/	11 12				/	/						
/	/	/					/	12 1				/	/						
/	/	/					/	1 2				/	/						
/	/	/					/	2 3				/	/						
/	/	/					/	3 4				/	/						
/	/	/					/	4 5				/	/						
/	/	/					/	5 6				/	/						
/	/	/					/	6 7				/	/						

Direction	Total Observations			Wind Speeds			B. of total	Direction	Speed
	1	2	3	1	2	3			
N	47	43	4	43	4		8.0	91.4	
NE	28	28	0	28	0		7.5	150	
E	80	78		78			13.00	97.4	
SE	164	115	57	115	57		27.9	71.9	
S	57	45	1	45	1		7.7	89.2	
SW	4	4	0	4	0		7.7	100	
W	6	5	1	5	1		1.0	83.3	
NW	116	55		55			19.7	90.5	
Calm	86	429	73	429	73		100%		
Totals	589	589	100.0						