

AUSTRALASIAN ANTARCTIC EXPEDITION.

Table IV.—WIND DIRECTION—WIND VELOCITY.

Percentage Frequency and Mean Velocity of each Direction.

“THE GROTTOS,” QUEEN MARY LAND.

APRIL, 1912.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction	
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.		
North	...	...	...	...	0	...	...	...	0	...	...	...	...	0	...	...	...	0	...	North.
N.N.E.	...	...	...	...	0	...	...	...	0	...	...	...	...	0	...	...	...	0	...	N.N.E.
N.E.	...	...	...	...	0	...	...	...	0	...	...	...	...	0	...	...	...	0	...	N.E.
E.N.E.	...	...	...	...	0	...	...	...	0	...	...	...	...	0	...	...	...	0	...	E.N.E.
East	...	...	...	...	16	14.2	...	...	28	13.1	...	...	20	15.2	...	...	21.3	13.1	East.	
E.S.E.	...	...	...	...	73	15.5	...	...	64	13.7	...	...	76	12.2	...	...	71.0	12.2	E.S.E.	
S.E.	...	...	...	...	7	2.0	...	...	4	2.0	...	...	4	2.0	...	...	5.0	2.0	S.E.	
S.S.E.	...	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	0	...	S.S.E.	
South	...	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	0	...	South.	
S.S.W.	...	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	0	...	S.S.W.	
S.W.	...	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	0	...	S.W.	
W.S.W.	...	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	0	...	W.S.W.	
West	...	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	0	...	West.	
W.N.W.	...	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	0	...	W.N.W.	
N.W.	...	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	0	...	N.W.	
N.N.W.	...	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	0	...	N.N.W.	
Calm	...	...	...	...	4	0	...	...	4	0	...	...	0	0	...	...	2.7	0	Calm.	

Percentage Frequency and Mean Velocity of each Direction.

“THE GROTTOS,” QUEEN MARY LAND.

MAY, 1912.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction.	
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.				
North	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	North.
N.N.E.	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.E.
N.E.	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.E.
E.N.E.	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	E.N.E.
East	...	10	5.7	16	6.0	29	12.6	29	10.3	20	13.3	16	14.2	13	11.2	7	15.0	17.5	11.5	East.
E.S.E.	...	55	18.8	56	17.3	42	14.9	46	14.5	58	15.6	59	16.4	65	16.0	68	16.3	56.1	16.3	E.S.E.
S.E.	...	13	15.2	13	12.2	13	13.0	13	13.0	10	4.7	10	14.0	10	16.3	10	16.3	11.5	13.4	S.E.
S.S.E.	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.S.E.
South	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	South.
S.S.W.	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.S.W.
S.W.	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.W.
W.S.W.	...	0	0	0	0	0	0	0	0	0	3	5.0	3	5.0	3	5.0	1.1	5.0	W.S.W.	
West	...	13	6.0	6	2.0	10	2.0	3	5.0	3	5.0	3	10.0	3	10.0	6	6.0	5.9	6.0	West.
W.N.W.	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.N.W.
N.W.	...	6	2.0	6	2.0	3	5.0	3	5.0	3	10.0	3	10.0	3	5.0	3	2.0	3.8	2.0	N.W.
N.N.W.	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.W.
Calm	...	3	0	3	0	3	0	6	0	6	0	6	0	3	0	3	0	4.1	0	Calm.

Table IV.—WIND DIRECTION—WIND VELOCITY—continued.

Percentage Frequency and Mean Velocity of each Direction.

THE GROTTOS, QUEEN MARY LAND.

JUNE, 1912.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.	
North	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	North.
N.N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.E.
N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.E.
E.N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	E.N.E.
East	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	East.
E.S.E.	34	9.3	34	8.9	35	7.3	38	7.4	38	7.2	40	6.7	40	6.3	37	8.6	37.0	6.5	E.S.E.
S.E.	46	12.5	50	11.9	50	8.8	50	7.9	50	8.3	44	9.9	44	9.6	50	11.2	48.0	9.6	S.E.
S.S.E.	0	...	3	10.0	3	10.0	3	10.0	3	15.0	3	15.0	3	15.0	3	5.0	2.7	11.4	S.S.E.
South	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	South.
S.S.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.S.W.
S.W.	0	...	0	...	0	...	0	...	3	3.0	3	3.0	3	3.0	0	...	1.1	3.0	S.W.
W.S.W.	7	1.5	3	1.0	3	1.0	3	1.0	3	2.0	7	3.5	7	3.5	7	3.5	5.0	3.0	W.S.W.
West	7	3.5	7	5.0	6	5.0	6	7.5	3	1.0	0	...	0	...	0	...	3.6	5.2	West.
W.N.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.N.W.
N.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.W.
N.N.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.W.
Calm	6	0	3	0	3	0	0	0	0	0	3	0	3	0	3	0	2.6	0	Calm.

Percentage Frequency and Mean Velocity of each Direction.

“THE GROTTOS,” QUEEN MARY LAND.

JULY, 1912.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.	
North	0	0	0	0	3	3.0	3	3.0	3	3.0	3	3.0	0	0	0	0	1.5	3.0	North.
N.N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.E.
N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.E.
E.N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	E.N.E.
East	10	14.0	10	14.0	6	17.5	6	14.0	7	17.0	6	17.0	7	14.0	6	14.0	7.2	14.0	East.
E.S.E.	32	18.4	32	17.4	33	19.8	32	20.3	32	19.7	37	14.9	36	17.6	36	17.2	33.8	16.6	E.S.E.
S.E.	40	16.7	39	16.5	39	11.6	39	10.7	42	14.9	45	15.8	42	16.4	43	16.7	41.1	14.9	S.E.
S.S.E.	6	24.0	6	30.5	7	26.0	7	26.0	10	30.6	6	36.0	6	32.0	6	32.0	6.7	30.6	S.S.E.
South	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	South.
S.S.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.S.W.
S.W.	0	...	0	...	3	13.0	3	13.0	3	3.0	0	...	0	...	0	...	1.1	9.7	S.W.
W.S.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.S.W.
West	3	3.0	3	3.0	3	3.0	7	3.0	0	0	0	0	3	3.0	3	3.0	2.8	3.0	West.
W.N.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.N.W.
N.W.	3	3.0	7	2.0	3	3.0	3	3.0	0	0	0	0	3	3.0	3	3.0	2.8	2.0	N.W.
N.N.W.	3	1.0	0	...	0	...	0	...	3	10.0	3	5.0	3	2.0	3	1.0	1.9	3.8	N.N.W.
Calm	3	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	1.1	0	Calm.

AUSTRALASIAN ANTARCTIC EXPEDITION.

Table IV.—WIND DIRECTION—WIND VELOCITY—*continued.*

*Percentage Frequency and Mean Velocity of each Direction.*

“THE GROTTOS,” QUEEN MARY LAND.

AUGUST, 1912.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.	
North ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	North.
N.N.E. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.E.
N.E. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.E.
E.N.E. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	E.N.E.
East ...	19	16.0	26	14.6	19	21.0	19	22.3	16	20.4	19	17.5	19	19.7	19	18.7	19.5	14.6	East.
E.S.E. ...	56	8.6	55	7.0	62	5.6	53	6.1	56	6.4	58	7.0	56	8.1	58	9.4	56.7	5.6	E.S.E.
S.E. ...	16	5.2	16	4.4	19	5.3	19	5.8	19	6.0	14	8.0	13	5.5	14	4.7	16.2	5.7	S.E.
S.S.E. ...	3	18.0	0	...	0	...	3	15.0	3	18.0	3	18.0	3	18.0	3	18.0	2.3	17.5	S.S.E.
South ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	South.
S.S.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.S.W.
S.W. ...	3	2.0	3	2.0	0	0	0	0	3	2.0	3	2.0	3	2.0	3	2.0	2.3	2.0	S.W.
W.S.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.S.W.
West ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	West.
W.N.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.N.W.
N.W. ...	0	...	0	...	0	...	0	...	0	...	3	1.0	3	1.0	0	...	0.7	1.0	N.W.
N.N.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.W.
Calm ...	3	0	0	0	0	0	6	0	3	0	0	0	3	0	3	0	2.3	0	Calm.

*Percentage Frequency and Mean Velocity of each Direction.*

“THE GROTTOS,” QUEEN MARY LAND.

SEPTEMBER, 1912.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.	
North ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	North.
N.N.E. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.E.
N.E. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.E.
E.N.E. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	E.N.E.
East ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	East.
E.S.E. ...	90	10.9	93	9.1	97	8.8	100	9.0	91	9.9	91	11.5	84	12.9	86	12.7	91.5	9.0	E.S.E.
S.E. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.E.
S.S.E. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.S.E.
South ...	0	...	0	...	0	...	0	...	3	2.0	3	5.0	3	5.0	0	...	1.1	4.0	South.
S.S.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.S.W.
S.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.W.
W.S.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.S.W.
West ...	0	...	0	...	0	...	0	...	3	2.0	3	2.0	3	2.0	0	...	1.1	2.0	West.
W.N.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.N.W.
N.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.W.
N.N.W. ...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.W.
Calm ...	10	0	7	0	3	0	0	0	3	0	3	0	10	0	14	0	6.3	0	Calm.

Table IV.—WIND DIRECTION—WIND VELOCITY—*continued.*

*Percentage Frequency and Mean Velocity of each Direction.*

“THE GROTTOS,” QUEEN MARY LAND.

OCTOBER, 1912.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction.
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.	
North	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	North.
N.N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.E.
N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.E.
E.N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	E.N.E.
East	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	East.
E.S.E.	86	17.9	85	16.4	88	18.6	81	22.7	78	20.8	72	20.3	74	22.8	88	19.7	81.5	19.2	E.S.E.
S.E.	4	28.0	4	28.0	4	21.0	4	21.0	4	10.0	7	14.0	9	21.0	4	39.0	5.0	21.0	S.E.
S.S.E.	5	25.0	4	21.0	4	10.0	4	7.0	7	24.5	7	14.0	9	14.0	4	25.0	5.5	14.0	S.S.E.
South	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	South.
S.S.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.S.W.
S.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.W.
W.S.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.S.W.
West	5	1.0	7	1.5	4	3.0	7	2.0	7	2.0	7	2.0	4	2.0	0	0	5.1	1.9	West.
W.N.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.N.W.
N.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.W.
N.N.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.W.
Calm	0	0	0	0	0	0	4	0	4	0	7	0	4	0	4	0	2.9	0	Calm.

\* Sledging on sea ice 20 to 30 miles south-west of hut from 1st to 9th.

*Percentage Frequency and Mean Velocity of each Direction.*

“THE GROTTOS,” QUEEN MARY LAND.

NOVEMBER, 1912.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction.
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.	
North	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	North.
N.N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.E.
N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.E.
E.N.E.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	E.N.E.
East	10	27.7	14	26.5	14	26.7	14	28.5	10	28.3	14	27.7	10	28.0	10	26.7	12.0	27.3	East.
E.S.E.	50	9.7	46	9.6	50	11.0	40	13.4	50	11.3	43	8.2	50	8.2	53	8.7	47.8	8.7	E.S.E.
S.E.	20	4.8	20	5.0	20	3.3	20	4.5	24	5.6	23	3.9	24	3.7	21	5.3	21.5	4.4	S.E.
S.S.E.	3	2.0	3	2.0	3	2.0	3	2.0	3	2.0	0	...	3	2.0	3	2.0	2.6	2.0	S.S.E.
South	0	...	0	...	3	1.0	7	1.5	6	1.5	10	1.7	3	1.0	3	1.0	4.0	1.7	South.
S.S.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	S.S.W.
S.W.	0	...	0	...	0	...	6	2.5	7	2.0	7	2.0	0	...	0	...	2.5	2.2	S.W.
W.S.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	W.S.W.
West	3	2.0	0	0	0	0	0	0	0	0	0	0	3	2.0	3	2.0	1.1	2.0	West.
W.N.W.	0	...	0	...	3	2.0	0	...	0	...	0	...	0	...	0	...	0.4	2.0	W.N.W.
N.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.W.
N.N.W.	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	N.N.W.
Calm	14	0	17	0	7	0	10	0	0	0	3	0	7	0	7	0	8.1	0	Calm.

AUSTRALASIAN ANTARCTIC EXPEDITION.

Table IV.—WIND DIRECTION—WIND VELOCITY—continued.

Percentage Frequency and Mean Velocity of each Direction.

“THE GROTTOS,” QUEEN MARY LAND.

DECEMBER, 1912.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction.
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.	
	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	North.
N.N.E.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.N.E.
N.E.	...	...	...	...	0	...	3	2.0	0	...	0	...	0	...	...	...	0.6	2.0	N.E.
E.N.E.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	E.N.E.
East	...	...	...	...	16	4.4	16	3.4	16	4.4	16	3.8	13	5.2	...	...	15.4	4.0	East.
E.S.E.	...	...	...	...	46	5.4	29	5.3	26	5.4	36	3.6	26	3.1	...	...	32.6	5.4	E.S.E.
S.E.	...	...	...	...	10	5.3	10	9.7	10	4.7	10	4.3	13	3.2	...	...	10.6	3.2	S.E.
S.S.E.	...	...	...	...	6	1.5	3	1.0	6	1.0	3	1.0	10	2.0	...	...	5.6	2.0	S.S.E.
South	...	...	...	...	10	2.0	10	2.3	3	3.0	6	1.5	13	1.7	...	...	8.4	1.7	South.
S.S.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	S.S.W.
S.W.	...	...	...	...	6	2.5	3	1.0	3	2.0	3	1.0	6	1.5	...	...	4.2	2.0	S.W.
W.S.W.	...	...	...	...	6	2.5	3	1.0	3	1.0	3	1.0	3	2.0	...	...	3.6	2.5	W.S.W.
West	...	...	...	...	0	0	10	2.3	16	1.6	13	1.7	10	2.0	...	...	9.8	1.6	West.
W.N.W.	...	...	...	...	0	...	3	2.0	0	...	0	...	0	...	...	...	0.6	2.0	W.N.W.
N.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.W.
N.N.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.N.W.
Calm	...	...	...	...	0	0	10	0	17	0	10	0	6	0	...	...	8.6	0	Calm.

Percentage Frequency and Mean Velocity of each Direction.

“THE GROTTOS,” QUEEN MARY LAND.

JANUARY, 1913.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction.
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest Frequency.	
	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	%	m.p.h.	
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	North.
N.N.E.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.N.E.
N.E.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.E.
E.N.E.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	E.N.E.
East	...	...	...	...	3	5.0	10	5.0	0	...	3	2.0	0	...	...	...	3.2	5.0	East.
E.S.E.	...	...	...	...	46	7.9	39	7.7	46	7.0	35	4.8	30	6.7	...	...	39.2	7.5	E.S.E.
S.E.	...	...	...	...	26	3.8	26	3.0	19	3.2	23	2.9	26	2.5	...	...	24.0	3.1	S.E.
S.S.E.	...	...	...	...	7	2.0	0	0	0	...	3	3.0	6	3.5	...	...	3.2	2.8	S.S.E.
South	...	...	...	...	0	...	3	2.0	3	1.0	0	...	13	2.0	...	...	3.8	2.0	South.
S.S.W.	...	...	...	...	0	...	3	1.0	6	1.5	0	...	0	...	...	...	1.8	1.5	S.S.W.
S.W.	...	...	...	...	6	1.5	3	1.0	10	2.0	10	2.0	16	2.2	...	...	9.0	2.2	S.W.
W.S.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	W.S.W.
West	...	...	...	...	6	1.5	6	4.0	6	6.0	10	4.7	3	3.0	...	...	6.2	4.7	West.
W.N.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	W.N.W.
N.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.W.
N.N.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.N.W.
Calm	...	...	...	...	6	0	10	0	10	0	16	0	6	0	...	...	9.6	0	Calm.

Table IV.—WIND DIRECTION—WIND VELOCITY—*continued.*

*Percentage Frequency and Mean Velocity of each Direction.*

“THE GROTTOS,” QUEEN MARY LAND.

FEBRUARY, 1913.

Direction.	3 a.m.		6 a.m.		9 a.m.		Noon.		3 p.m.		6 p.m.		9 p.m.		Midnight.		Mean.		Direction
	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency.	Mean Velocity.	Frequency, whole day.	Average Velocity of greatest frequency.	
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	North.
N.N.E.	...	...	...	...	0	0	0	0	6	20	0	0	0	0	...	...	1-2	2-0	N.N.E.
N.E.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.E.
E.N.E.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	E.N.E.
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	East.
E.S.E.	...	...	...	...	56	11.3	55	10.4	44	12.5	21	20.7	22	25.0	...	...	39.6	10.9	E.S.E.
S.E.	...	...	...	...	33	6.7	28	8.0	33	9.0	56	5.3	44	5.1	...	...	38.8	5.3	S.E.
S.S.E.	...	...	...	...	11	3.5	6	5.0	11	1.5	6	2.0	6	2.0	...	...	8.0	2.5	S.S.E.
South	...	...	...	...	0	...	0	...	0	...	5	1.0	0	...	...	...	1.0	1.0	South.
S.S.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	S.S.W.
S.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	S.W.
W.S.W.	...	...	...	...	0	...	0	...	0	...	6	2.0	0	...	...	...	1.2	2.0	W.S.W.
West	...	...	...	...	0	...	0	...	0	...	0	...	6	1.0	...	...	1.2	1.0	West.
W.N.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	W.N.W.
N.W.	...	...	...	...	0	...	0	...	0	...	0	...	6	2.0	...	...	1.2	2.0	N.W.
N.N.W.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.N.W.
Calm....	...	...	...	...	0	0	11	0	6	0	6	0	16	0	...	...	7.8	0	Calm.

18 days observations from 1st to 18th.